

# Iowa

## State and County Data

Volume 1, Geographic Area Series  
Part 15

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# 2002

## CENSUS OF AGRICULTURE

Issued June 2004

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# Introduction

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## OVERVIEW

The 2002 Census of Agriculture was taken to obtain agricultural statistics for each county or county equivalent, state, and the Nation. The organization, content, and format of this publication are similar to previous Volume 1, Geographic Area Series publications. Program and policy decisions created several changes to the data published for 2002. These changes affected data comparability for some items. A new section, Data Changes and Comparability, on page X provides detail about the more noteworthy changes.

## HISTORY

For 156 years (1840 - 1996), the U.S. Department of Commerce, Bureau of the Census was responsible for collecting census of agriculture data. The 1997 Appropriations Act contained a provision that transferred the responsibility for the census of agriculture from the Bureau of the Census to the U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS). The 2002 Census of Agriculture is the 26th Federal census of agriculture and the second conducted by NASS.

The first agriculture census was taken in 1840 as part of the sixth decennial census of population. The agriculture census continued to be taken as part of the decennial census through 1950. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, the census was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with other economic censuses. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

## USES OF CENSUS DATA

The census of agriculture is the leading source of facts and statistics about the Nation's agricultural production. It provides a detailed picture of U.S. farms and ranches every five years and is the only source of uniform, comprehensive agricultural data for every state and county or county equivalent in the U.S.

Agriculture census data are routinely used by farm organizations, businesses, state departments of agriculture, elected representatives and legislative bodies at all levels of government, public and private sector analysts, and colleges and universities. Agriculture census data are used to:

- Evaluate, change, promote, and formulate farm and rural policies and programs that help agricultural producers;
- Study historical trends, assess current conditions, and plan for the future;
- Formulate market strategies, provide more efficient production and distribution systems, and locate facilities for agricultural communities;
- Make energy projections and forecast needs for agricultural producers and their communities;
- Develop new and improved methods to increase agricultural production and profitability;
- Allocate local and national funds for farm programs, e.g. extension service projects, agricultural research, soil conservation programs, and land-grant colleges and universities;
- Plan for operations during drought and emergency outbreaks of diseases or infestations of pests.

In addition agricultural news media and agricultural associations use census data as background material

for stories and articles on U.S. agriculture and the foods we produce.

## AUTHORITY

The 2002 Census of Agriculture is required by law under the "Census of Agriculture Act of 1997," Public Law 105-113 (Title 7, United States Code, Section 2204g). The law directs the Secretary of Agriculture to conduct a census of agriculture in 1998 and in every fifth year after, covering the prior year. The census of agriculture includes each state, Puerto Rico, Guam, the U.S. Virgin Islands, and the Commonwealth of Northern Mariana Islands.

## FARM DEFINITION

The census definition of a farm is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The definition has changed nine times since it was established in 1850. The current definition was first used for the 1974 Census of Agriculture and has been used in each subsequent agriculture census. This definition is consistent with the definition used for current USDA surveys.

## REFERENCE PERIOD

Reference periods for the 2002 Census of Agriculture were similar to those used in the 1997 Census of Agriculture. Reference periods used were:

- Crop production is measured for the calendar year, except for a few crops such as avocados, citrus, and olives for which the production year overlaps the calendar year. See Appendix A, General Explanation for details.
- Livestock, poultry, and machinery and equipment inventories, market value of land and buildings, and grain storage capacity are measured as of December 31 of the census year.
- Crop and livestock sales, farm expenses, income from federal farm programs, irrigation, Commodity Credit Corporation loans, Conservation Reserve and Wetlands Reserve Program participation, direct sales income, chemical and fertilizer use, farm-related income, and hired farm labor data are measured for the calendar year.

## TABLES AND APPENDICES

**Chapter 1.** Table 1 shows state-level historical data through the 1974 census and tables 2 through 54 show detailed state-level data usually accompanied by historical data from the 1997 census. Tables 55 through 61 show detailed state-level data cross-tabulated by several categories for the 2002 census only.

**Chapter 2.** County-level data are presented in 51 tables in 2 different table formats - county and county summary. Most tables include 1997 historical data. County tables include general data for all counties within the state. The county names are listed in alphabetical order in the column headings. County summary tables provide comprehensive data for all counties reporting a data item. This is a change from the reporting practices of past censuses when data for counties with a limited number of farms reporting an item were combined and reported as "all other counties."

**Appendix A.** Provides information about data collection and data processing activities. It also includes definitions of specific terms and phrases used in this publication, including items in the publication tables that carry the note "see text."

**Appendix B.** Describes supplemental activities conducted to improve coverage of American Indian and Alaska Native farm operators. Table A shows the total number of American Indian or Alaska Native farm operators both on and off reservations by county. Table B compares selected farm characteristics for farms operated by American Indian and Alaska Native farm operators and all farms. Table C provides selected operator characteristics of American Indian and Alaska Native farm operators.

**Appendix C.** Discusses the statistical methodology used in conducting and evaluating the census. Table A summarizes nonresponse and coverage adjustment for selected items for the state. Table B provides reliability estimates of state totals for selected items. Table C summarizes nonresponse and coverage adjustment for selected items at the county level.

**Appendix D.** Provides facsimiles of the report forms and instruction sheets used to collect data.



## RESPONDENT CONFIDENTIALITY

In keeping with the provisions of Title 7 of the United States Code, no data are published that would disclose information about the operations of an individual farm or ranch. All tabulated data are subjected to an extensive disclosure review prior to publication. Any tabulated item that identifies data reported by a respondent or allows a respondent's data to be accurately estimated or derived, was suppressed and coded with a 'D'. However, the number of farms reporting an item is not considered confidential information and is provided even though other information is withheld.

## SPECIAL EFFORTS DIRECTED AT MINORITIES

NASS implemented several activities to improve coverage of minority farm operators. These activities included, but were not limited to:

- Obtaining mail lists from organizations likely to contain names and addresses of minority farm operators; and
- Conducting pre-census promotion activities that targeted women, American Indian and Alaska Native, Black and African American, and Spanish, Hispanic, or Latino origin farm operators.

## SPECIAL STUDIES AND CUSTOM TABULATIONS

Special studies such as the 2003 Farm and Ranch Irrigation Survey and 2005 Census of Aquaculture are part of the census program and provide supplemental information to the 2002 Census of Agriculture in the respective subject area. Results are published in print and on the internet.

Custom-designed tabulations may be developed when data are not published elsewhere. These tabulations are developed to individual user specifications on a cost-reimbursable basis and shared with the public. The census Volume 1 on CD-ROM is an alternative data source that should be investigated before requesting a custom tabulation.

All special studies and custom tabulations are subject to a thorough disclosure review prior to release to prevent the disclosure of any individual respondent data. Requests for custom tabulations can be submitted via the internet from the NASS home page, by mail, or by e-mail to:

Associate Administrator  
National Agricultural Statistics Service  
1400 Independence Avenue, S.W.  
Washington, D.C. 20250  
or  
HQ AA@nass.usda.gov

## ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (H) Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.
- (IC) Independent city
- (L) Standard error or relative standard error of estimate is less than .05 percent.
- (NA) Not available or not published. Some historic data are not published because they are not comparable, electronic files are unavailable, or re-summarizing could compromise respondent confidentiality.
- (X) Not applicable
- (Z) Less than half of the unit shown
- cwt Hundredweight
- sq ft Square feet

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## Data Changes and Comparability

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Several changes were made to the 2002 census program. Report form content and wording were improved, several publication tables were redesigned, and tabulated data were adjusted for coverage. In some instances, comparability with previous censuses was effected.

### REPORT FORM CHANGES

Report form changes involved eliminating items that were no longer necessary or duplicated data collected on surveys, and adding new items that were included to cover emerging agricultural products and practices. Several production-related items were deleted, including production of fruits, nuts, and berries; number of bearing and nonbearing age trees or vines; litters of hogs farrowed; number of hogs sold for slaughter; number of sheep and lambs shorn; and pounds of wool shorn. Deleted sales items were gross value of sales for cattle fattened on grain or concentrates, feeder pigs sold, and value of individual nursery items and individual grain and bean commodities. The farm-related injuries and deaths section was also eliminated.

New economic data were collected to provide a more complete picture of farm income and expenses. Questions relating to net cash income of the operator and the operation, and landlord share of income and expenses were added. Information about production contracts, grain storage, and organic farming were also collected.

For the first time, information was collected for up to three operators on each farm. For those operators who would self-identify as being of multiple races (i.e., selected more than one race code on the report form), a “more than one race” category was added to the

publication to better represent those individuals. Questions relating to computer use and Internet access on the farm were included. Principal operators were asked to report whether they worked as the hired manager on the operation, the number of households receiving income, and percent of income from farming.

Other changes involved splitting items from the 1997 census into multiple parts to provide more detailed data, and in some cases items from the 1997 census were combined which helped reduce respondent burden. Several questions were reworded to improve respondent comprehension.

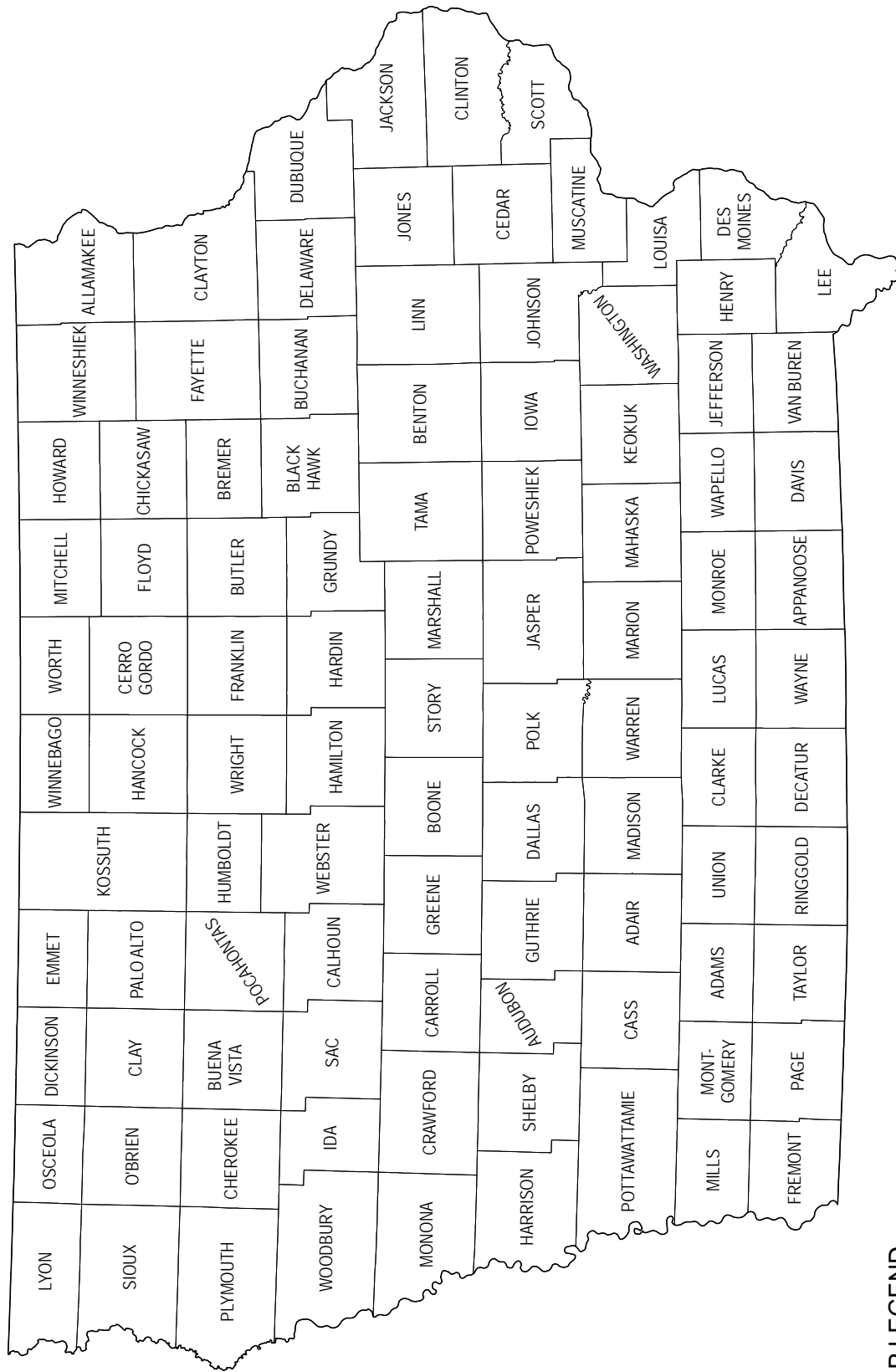
### PUBLICATION TABLE CHANGES

In previous censuses, States and counties with a minimal number of operations reporting an item were collapsed and published in the “all other states” and “all other counties” categories. For 2002, States and counties with at least one operation reported were published. This change provides more detailed information at the state/county level.

### COMPARABILITY

The 2002 Census of Agriculture introduced new methodology to account for all farms in the United States. Incompleteness in the census mail list was measured by matching list names against all qualifying operations found through canvassing sample land areas throughout the Nation. All published 2002 census items (except in Hawaii and Alaska) were reweighted for undercoverage. To provide comparable data, comparable 1997 data published in 2002 were also reweighted for undercoverage. An explanation of the methodology is included in Appendix C.

IOWA - Counties



MAP LEGEND

 Iowa State Boundary

 County Boundary and Name

Source: U.S. Bureau of the Census.  
 Note: All boundaries and names are as of January 1, 2000.

Figure 1

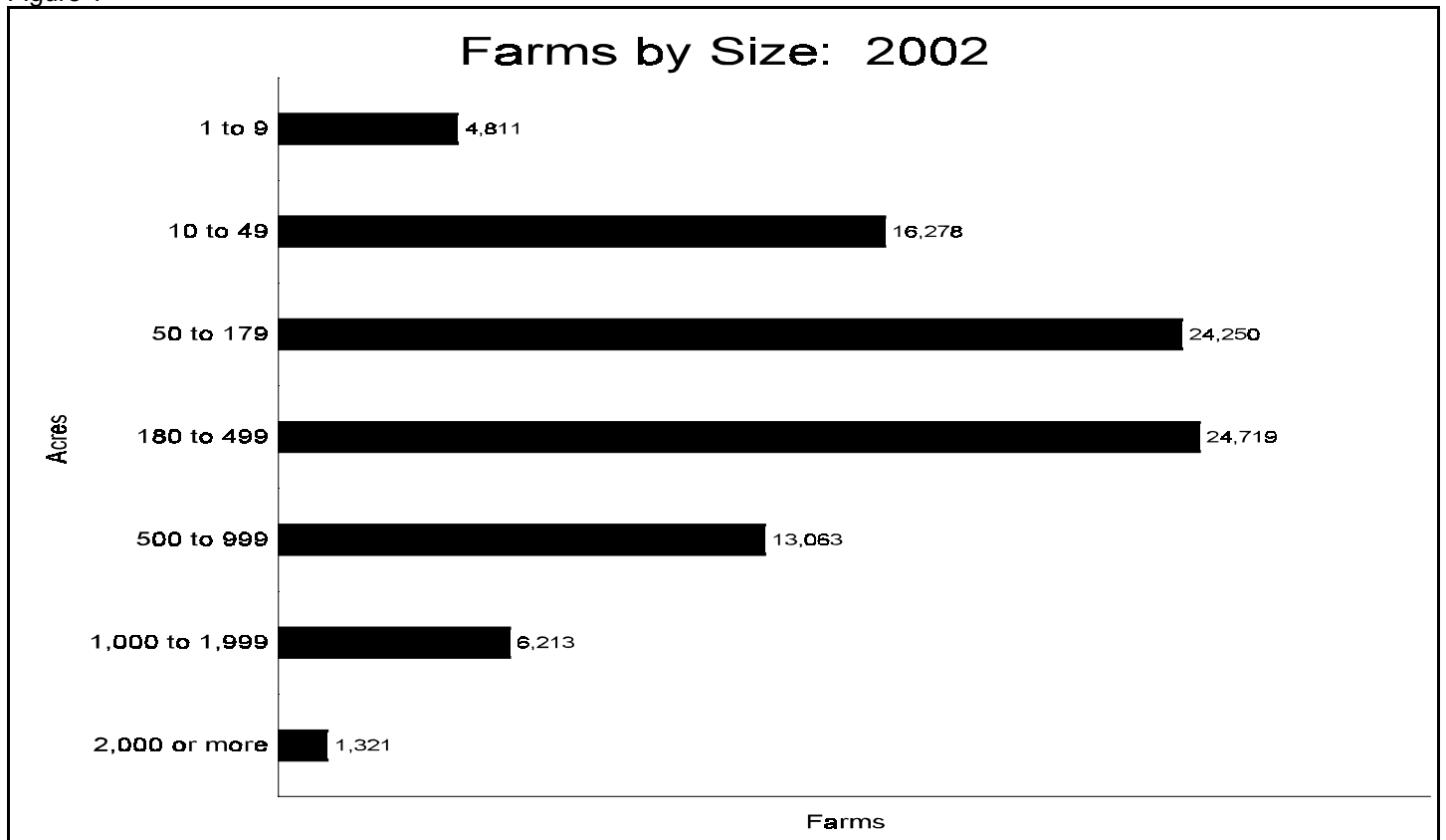


Figure 2

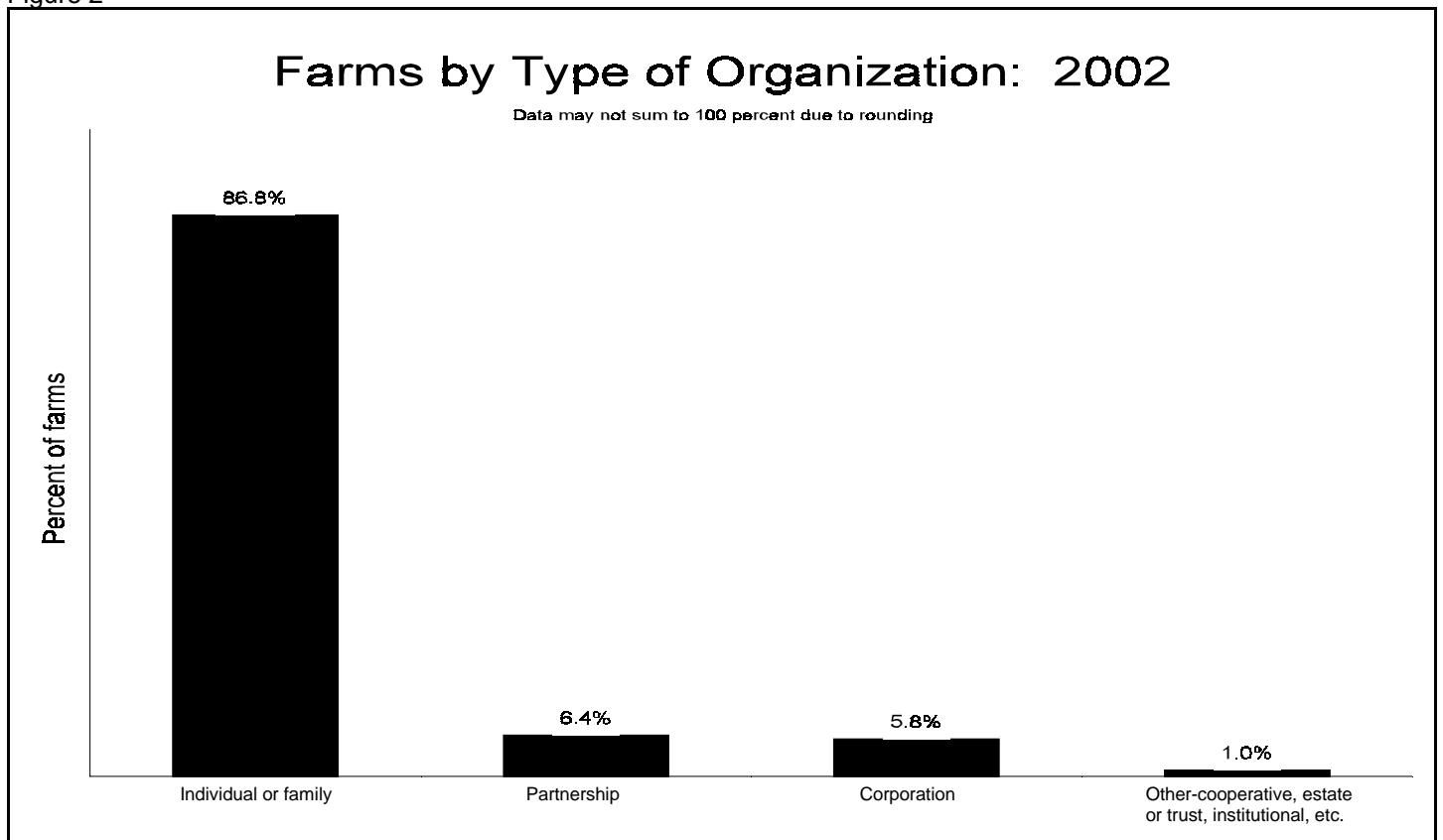


Figure 3

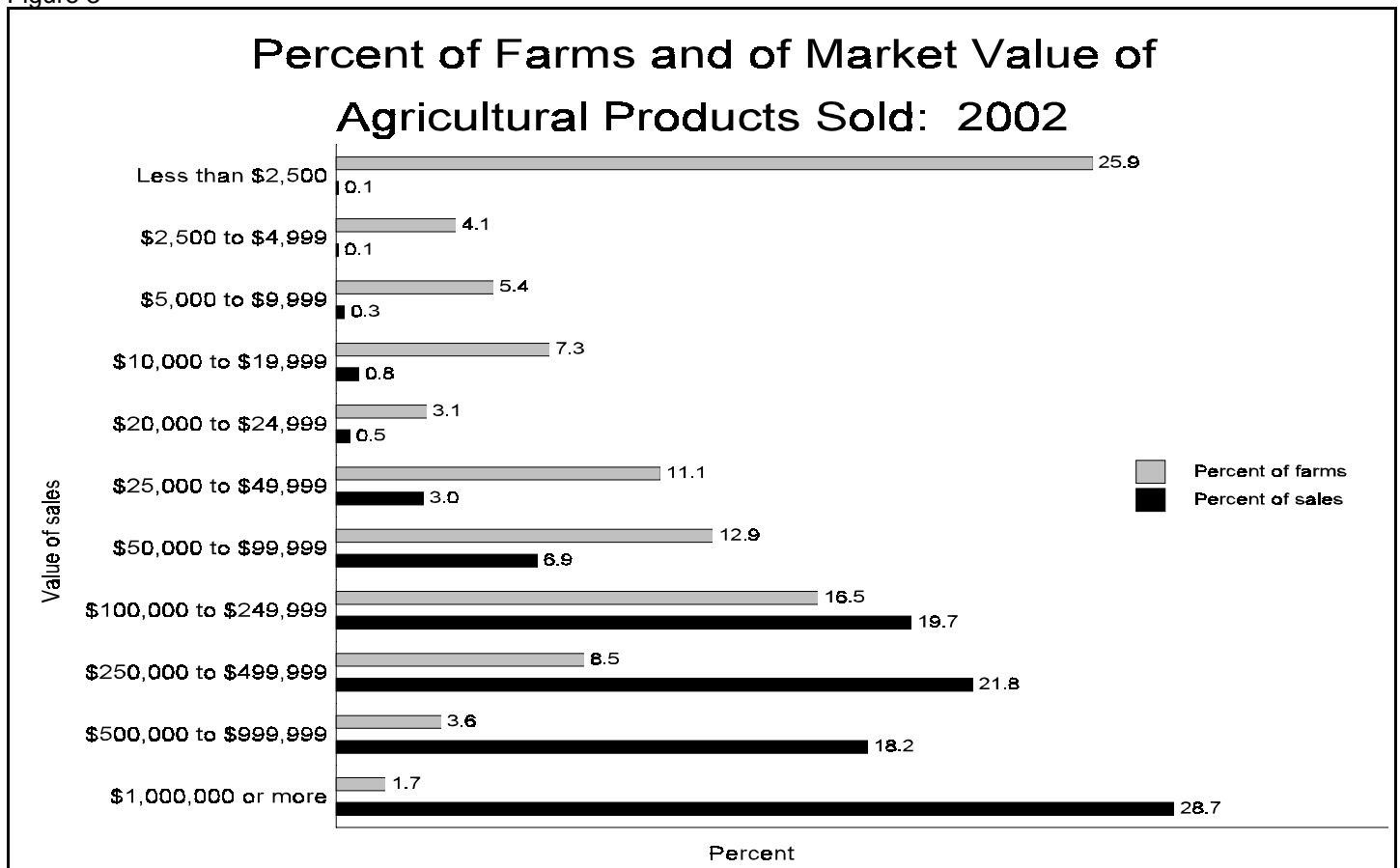


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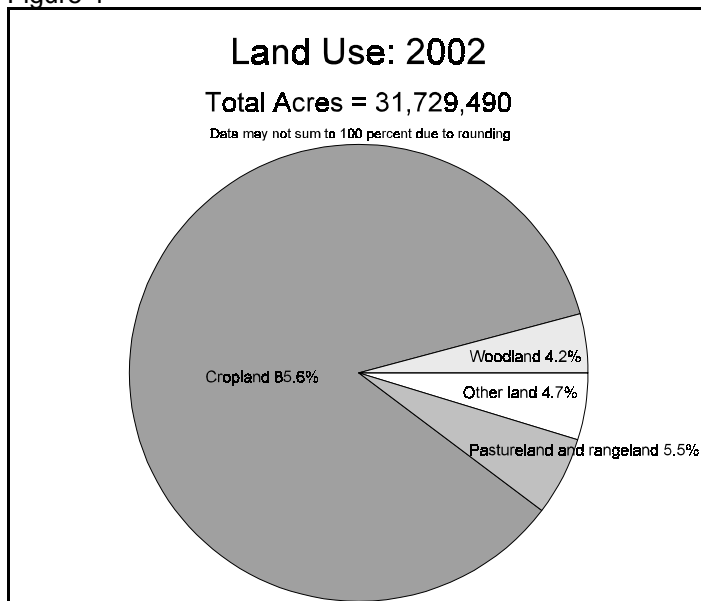


Figure 5

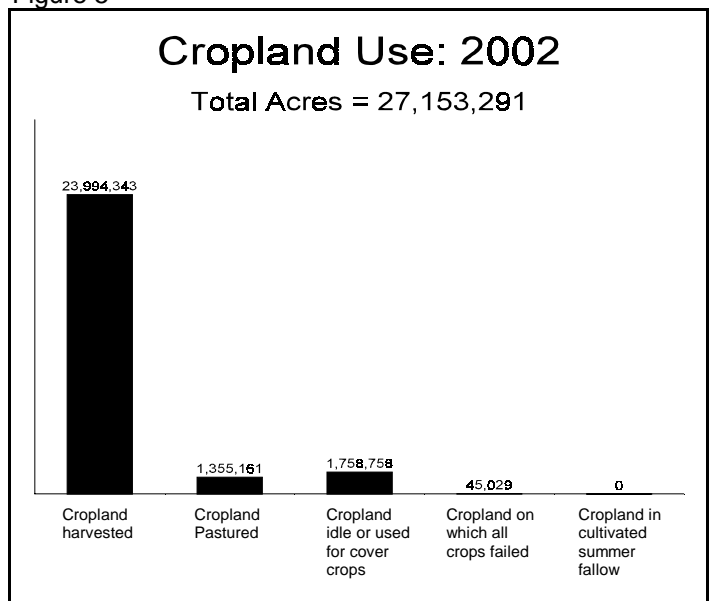


Figure 6

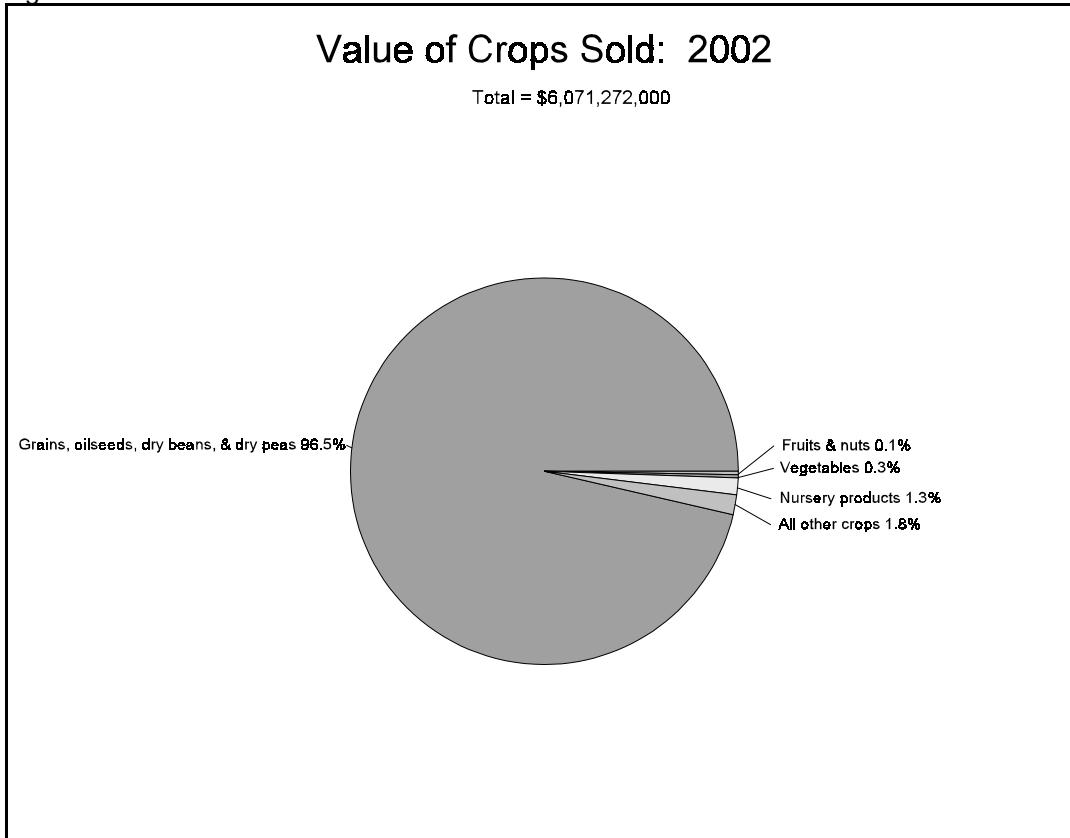


Figure 7

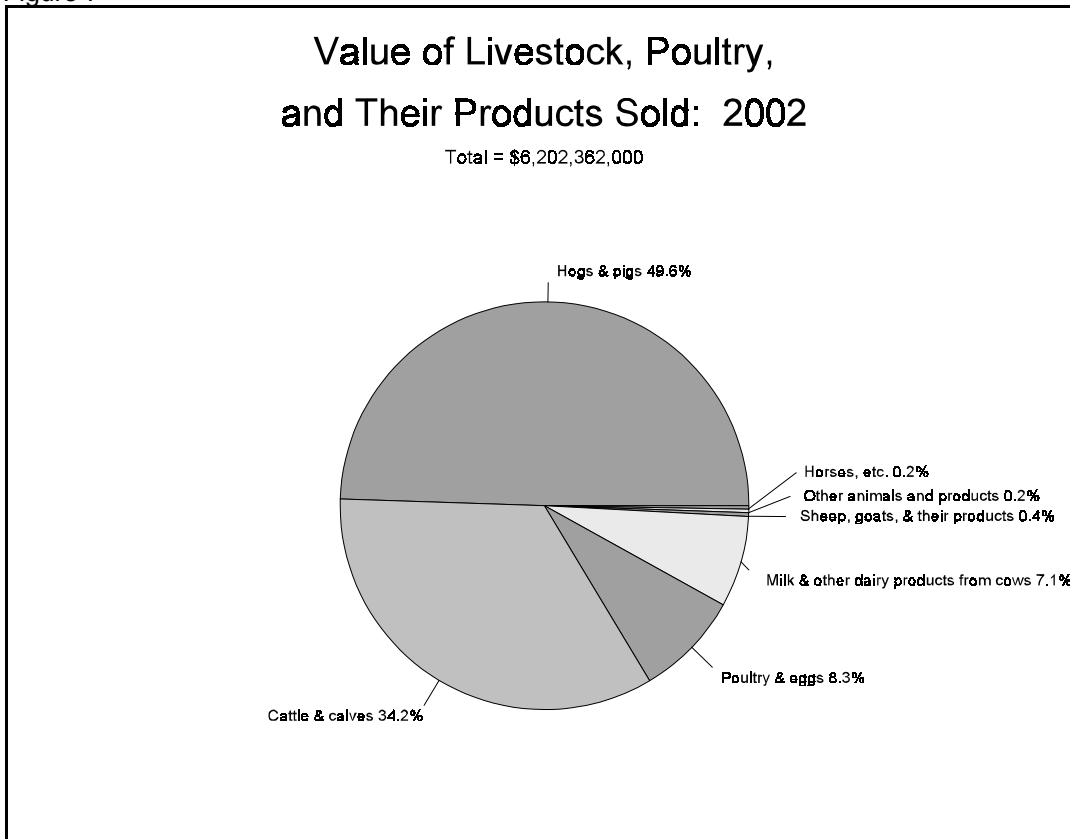


Figure 8

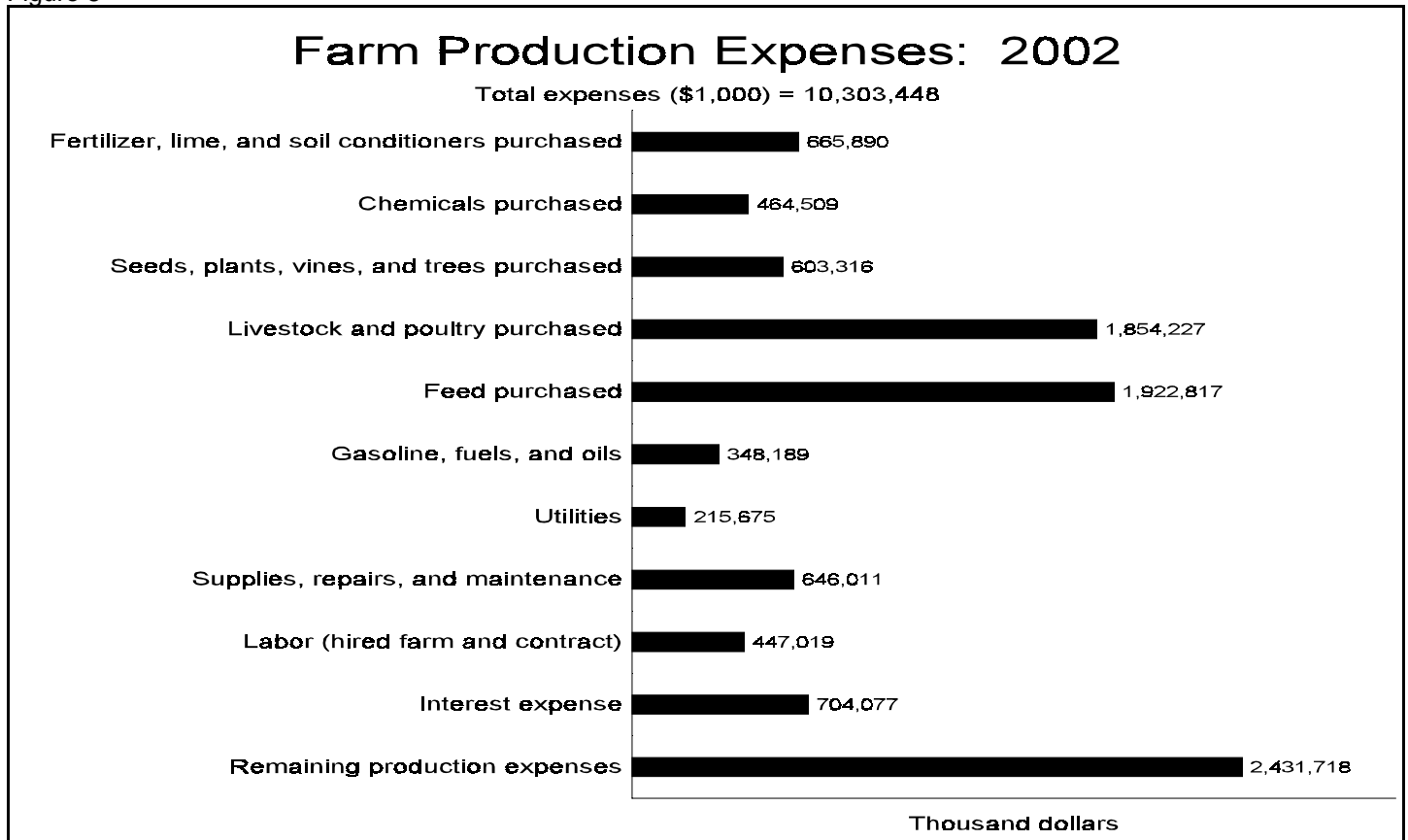
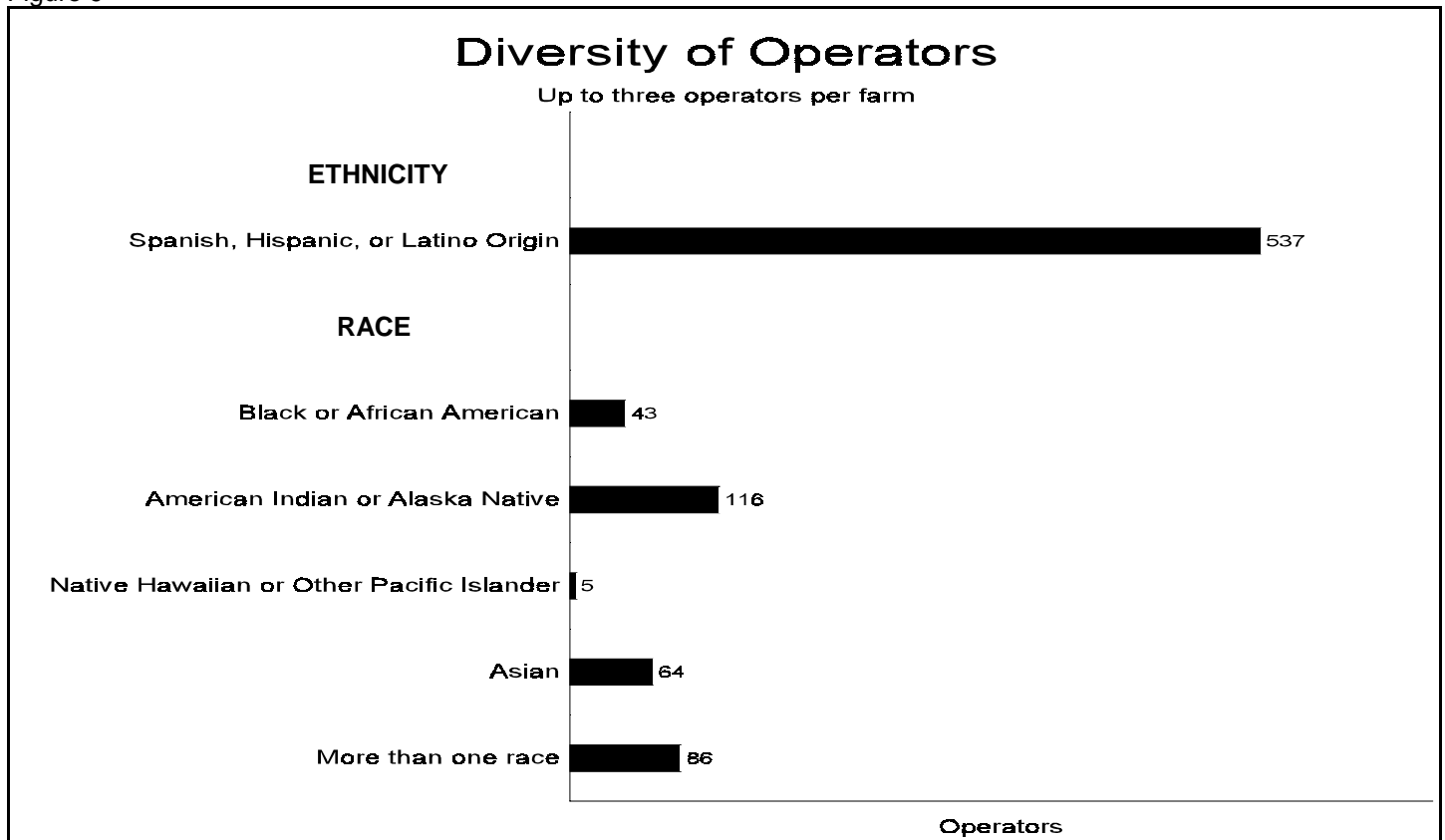


Figure 9



**Table 1. Historical Highlights: 2002 and Earlier Census Years**

[For meaning of abbreviations and symbols, see introductory text]

All farms	2002	1997	Not adjusted for coverage					
			1997	1992	1987	1982	1978	1974
Farms . . . . . number	90,655	96,705	90,792	96,543	105,180	115,413	121,339	126,104
Land in farms . . . . . acres	31,729,490	32,313,119	31,166,699	31,346,565	31,638,130	32,611,964	33,258,233	33,044,768
Average size of farm . . . . . acres	350	334	343	325	301	283	274	262
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm . . . . . dollars	707,730	559,678	566,587	394,267	283,597	471,011	427,161	188,370
Average per acre . . . . . dollars	2,005	1,698	1,697	1,212	947	1,684	1,548	719
Estimated market value of all machinery and equipment <sup>1</sup> . . . . . \$1,000	8,923,379	7,694,453	7,318,851	6,647,461	5,543,375	6,731,271	5,774,996	3,527,520
Average per farm . . . . . dollars	100,422	79,607	80,651	68,967	52,844	58,398	47,666	28,968
Farms by size:								
1 to 9 acres . . . . .	4,811	5,830	5,049	7,129	7,974	7,910	6,610	5,051
10 to 49 acres . . . . .	16,278	13,329	11,580	10,345	10,981	12,322	11,342	9,841
50 to 179 acres . . . . .	24,250	26,504	24,525	24,518	27,556	30,959	34,898	40,146
180 to 499 acres . . . . .	24,719	29,747	28,918	33,988	39,071	46,259	51,974	56,692
500 to 999 acres . . . . .	13,063	15,115	14,833	15,830	15,874	14,858	14,109	12,578
1,000 to 1,999 acres . . . . .	6,213	5,349	5,114	4,241	3,401	2,796	2,152	1,646
2,000 acres or more . . . . .	1,321	831	773	492	323	309	254	150
Total cropland . . . . . farms	84,755	87,946	83,375	88,224	96,749	106,859	114,391	120,559
Harvested cropland . . . . . farms	27,153,291	27,713,041	26,821,844	27,195,676	27,290,868	27,580,749	28,063,990	27,278,052
Irrigated land . . . . . farms	67,338	77,706	74,951	84,009	92,878	103,644	111,379	116,863
acres	23,994,343	24,008,826	23,323,249	22,826,308	20,484,178	24,137,670	23,622,212	23,085,329
acres	976	1,006	957	1,063	851	616	739	348
Market value of agricultural products sold (see text) <sup>2</sup> . . . . . \$1,000	12,273,634	12,162,165	11,947,894	10,099,786	8,926,799	9,828,932	8,172,960	6,319,637
Average per farm . . . . . dollars	135,388	125,766	131,596	104,614	84,872	85,163	67,356	50,114
Crops, including nursery and greenhouse crops . . . . . \$1,000	6,071,272	6,381,676	6,187,269	4,641,155	3,660,117	4,143,086	3,133,218	2,800,973
Livestock, poultry, and their products . . . . . \$1,000	6,202,362	5,780,489	5,760,625	5,458,631	5,266,682	5,685,846	5,039,742	3,517,658
Farms by value of sales <sup>3</sup> :								
Less than \$2,500 . . . . .	23,436	16,945	13,191	7,636	8,799	8,092	6,721	9,608
\$2,500 to \$4,999 . . . . .	3,737	4,995	4,577	4,753	5,498	5,535	6,234	6,399
\$5,000 to \$9,999 . . . . .	4,902	6,060	5,878	7,030	8,252	8,230	9,901	11,002
\$10,000 to \$24,999 . . . . .	9,409	10,860	10,507	13,820	17,436	17,531	21,822	(NA)
\$25,000 to \$49,999 . . . . .	10,038	11,797	11,448	14,852	17,752	20,458	25,887	(NA)
\$50,000 to \$99,999 . . . . .	11,718	14,231	13,735	17,570	20,656	25,735	28,293	(NA)
\$100,000 to \$499,999 . . . . .	22,651	27,758	27,523	28,595	25,157	28,128	21,419	13,822
\$500,000 or more . . . . .	4,764	4,059	3,933	2,287	1,630	1,660	986	451
Farms by type of organization:								
Family or individual . . . . .	78,699	81,074	75,880	81,127	89,188	97,610	103,884	(NA)
Partnership . . . . .	5,792	8,688	8,231	10,028	11,088	13,213	14,345	(NA)
Corporation . . . . .	5,279	6,339	6,128	4,924	4,404	4,110	2,668	(NA)
Other-cooperative, estate or trust, institutional, etc . . . . .	885	604	553	464	500	480	442	(NA)
Principal operator by days of work off farm <sup>4</sup> :								
None . . . . .	41,409	42,311	40,767	47,557	51,753	55,958	62,890	56,414
Any . . . . .	49,246	49,474	45,408	42,672	46,229	48,480	51,057	38,253
200 days or more . . . . .	33,651	31,853	28,673	25,568	25,928	25,240	25,073	20,278
Principal operator by primary occupation <sup>5</sup> :								
Farming . . . . .	61,935	58,124	56,256	66,885	75,279	86,041	92,309	102,163
Other . . . . .	28,720	38,581	34,536	29,658	29,901	29,372	29,030	22,512
Average age of principal operator <sup>5</sup> . . . . . years	54.3	52.3	52.4	50.3	49.3	47.6	47.5	49.3
Total farm production expenses <sup>1</sup> . . . . . \$1,000	10,303,448	8,677,056	8,405,838	7,744,947	6,647,645	(NA)	(NA)	4,276,217
Selected farm production expenses <sup>1</sup> :								
Livestock and poultry purchased . . . . . \$1,000	1,854,227	1,283,094	1,260,448	1,490,792	1,358,161	1,536,601	1,519,139	1,018,548
Feed purchased . . . . . \$1,000	1,922,817	1,604,170	1,585,107	1,317,636	1,101,866	1,214,715	1,033,523	881,383
Fertilizer, lime, and soil conditioners <sup>6,7</sup> . . . . . \$1,000	665,890	665,146	636,785	578,142	467,355	562,767	481,090	394,865
Gasoline, fuels, and oils . . . . . \$1,000	348,189	364,116	350,799	379,607	315,061	536,937	293,963	204,875
Hired farm labor . . . . . \$1,000	409,190	327,812	316,779	259,210	282,515	222,146	192,667	108,412
Interest expense <sup>8</sup> . . . . . \$1,000	704,077	624,048	600,284	593,994	579,338	101,556	(NA)	(NA)
Chemicals <sup>6</sup> . . . . . \$1,000	464,509	546,735	521,566	424,136	309,894	331,924	208,549	139,620
Livestock and poultry:								
Cattle and calves inventory . . . . . farms	32,169	39,795	38,435	43,610	49,469	62,412	69,226	79,851
number	3,535,945	3,717,394	3,647,129	3,963,602	4,303,682	5,822,488	6,531,710	6,658,298
Beef cows . . . . . farms	23,313	28,385	27,452	29,987	32,279	41,117	44,755	52,930
number	987,670	1,051,178	1,029,172	1,065,744	1,123,745	1,536,397	1,606,685	1,868,308
Milk cows . . . . . farms	3,034	4,272	4,208	5,878	7,748	10,485	12,623	18,213
number	206,965	222,090	222,142	258,925	294,888	339,664	339,664	399,573
Cattle and calves sold . . . . . farms	29,515	39,728	38,548	43,780	50,509	62,765	70,693	81,011
number	2,929,704	2,936,978	2,881,122	3,223,645	3,539,020	4,595,676	5,457,944	5,018,819
Hogs and pigs inventory . . . . . farms	10,205	17,585	17,243	31,790	36,670	45,768	57,325	59,582
number	15,486,531	14,513,319	14,651,919	14,153,158	12,983,074	14,332,644	14,695,418	11,476,589
Hogs and pigs sold . . . . . farms	11,275	18,718	18,370	34,058	38,638	49,012	60,065	66,336
number	41,232,492	27,340,921	27,495,818	26,812,736	23,483,812	23,801,117	22,082,311	19,359,946
Layers 20 weeks old and older inventory . . . . . farms	1,934	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number	38,650,210	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens sold . . . . . farms	629	565	519	652	1,060	1,041	1,142	1,337
number	9,558,127	6,919,963	6,852,810	9,199,943	666,016	429,389	675,938	658,267

See footnote(s) at end of table.

--continued



**Table 1. Historical Highlights: 2002 and Earlier Census Years - Con.**

[For meaning of abbreviations and symbols, see introductory text]

All farms	2002	1997	Not adjusted for coverage					
			1997	1992	1987	1982	1978	1974
<b>Selected crops harvested:</b>								
Corn for grain	farms 52,806	63,434	61,860	72,756	83,301	92,462	100,984	106,135
	acres 11,761,392	11,930,542	11,595,308	12,512,815	10,147,051	12,880,050	12,664,796	11,865,605
	bushels 1,851,276,224	1,581,093,092	1,537,482,128	1,754,149,869	1,274,388,346	1,466,953,043	1,389,912,254	930,743,547
Corn for silage or greenchop	farms 6,909	8,533	8,405	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 247,269	244,913	241,549	(NA)	(NA)	(NA)	(NA)	(NA)
	tons 4,726,816	4,057,679	3,993,158	(NA)	(NA)	(NA)	(NA)	(NA)
Wheat for grain, All	farms 412	734	719	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 18,317	22,758	22,123	(NA)	(NA)	(NA)	(NA)	(NA)
	bushels 961,995	932,358	905,333	(NA)	(NA)	(NA)	(NA)	(NA)
Winter wheat for grain	farms 405	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 18,038	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	bushels 952,550	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Spring wheat for grain	farms 7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 279	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	bushels 9,445	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats for grain	farms 6,963	10,968	10,823	17,854	25,398	35,752	39,710	(NA)
	acres 143,513	214,485	211,985	368,086	544,907	811,716	866,584	(NA)
	bushels 10,761,952	14,451,930	14,293,977	23,246,559	30,918,660	45,769,302	49,306,381	(NA)
Barley for grain	farms 152	253	245	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 4,166	4,868	4,807	(NA)	(NA)	(NA)	(NA)	(NA)
	bushels 241,818	262,686	260,264	(NA)	(NA)	(NA)	(NA)	(NA)
Sorghum for grain	farms 38	54	52	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 2,355	1,299	1,177	(NA)	(NA)	(NA)	(NA)	(NA)
	bushels 142,814	89,844	84,584	(NA)	(NA)	(NA)	(NA)	(NA)
Sorghum for silage or greenchop	farms 90	122	121	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 1,868	1,967	1,953	(NA)	(NA)	(NA)	(NA)	(NA)
	tons 24,993	23,709	23,532	(NA)	(NA)	(NA)	(NA)	(NA)
Soybeans for beans	farms 48,752	57,883	56,436	59,945	68,278	73,175	78,579	82,952
	acres 10,418,621	10,258,681	9,944,865	8,243,067	7,903,395	8,044,305	7,420,862	6,905,647
	bushels 487,380,897	459,309,682	445,574,589	352,590,997	326,081,351	291,189,890	265,870,687	190,916,604
Dry edible beans, excluding limas	farms 56	65	61	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 2,270	6,140	5,847	(NA)	(NA)	(NA)	(NA)	(NA)
	cwt 71,739	103,967	98,472	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco	farms 3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	pounds 17,678	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Potatoes	farms 117	117	109	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 1,005	1,747	1,468	(NA)	(NA)	(NA)	(NA)	(NA)
	cwt 231,352	367,489	296,675	(NA)	(NA)	(NA)	(NA)	(NA)
Sweet potatoes	farms 18	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	cwt 639	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	farms 33,406	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 1,533,027	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	tons, dry 5,177,896	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sunflower seed, All	farms 6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres (D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	pounds (D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Vegetables harvested for sale (see text) <sup>9</sup>	farms 752	824	786	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 9,435	12,998	12,533	(NA)	(NA)	(NA)	(NA)	(NA)
All land in orchards	farms 493	490	448	(NA)	(NA)	(NA)	(NA)	(NA)
	acres 3,141	2,851	2,616	(NA)	(NA)	(NA)	(NA)	(NA)

<sup>1</sup> Data are based on a sample of farms.  
<sup>2</sup> Data for 1974 include the value of forest products sold.  
<sup>3</sup> Data for 1982 and prior years exclude abnormal farms.  
<sup>4</sup> Data for 1997 and prior years do not include imputation for item nonresponse.  
<sup>5</sup> Data for 1974 apply only to individual or family operations (sole proprietorships) and partnerships.  
<sup>6</sup> Data for 1982 and prior years do not include cost of custom applications; data for chemicals include the cost of lime for 1978 and prior years.  
<sup>7</sup> Data for 1997 and prior years exclude cost of lime and manure.  
<sup>8</sup> Data for 1982 do not include imputation for item nonresponse.  
<sup>9</sup> Data for 1974 were from land area used.

**Table 2. Market Value of Agricultural Products Sold Including Landlord's Share, Direct, and Organic: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002	Percent of total in 2002	1997	Item	2002	Percent of total in 2002	1997
Total sales (see text) . . . . . farms	90,655	100.0	96,705	Total sales (see text) - Con.			
\$1,000	12,273,634	100.0	12,162,165	Value of sales by commodity			
Average per farm . . . . . dollars	135,388	(X)	125,766	or commodity group - Con.			
By value of sales:				Livestock, poultry, and			
Less than \$1,000 (see text) . . . . . farms	19,668	21.7	11,943	their products - Con.			
\$1,000	915	(Z)	1,021	Cattle and calves . . . . . farms	29,515	32.6	39,728
\$1,000 to \$2,499 . . . . . farms	3,768	4.2	5,002	\$1,000	2,119,935	17.3	1,886,416
\$1,000	6,246	0.1	8,422	Milk and other dairy products			
\$2,500 to \$4,999 . . . . . farms	3,737	4.1	4,995	from cows . . . . . farms	2,913	3.2	3,979
\$1,000	13,593	0.1	18,167	\$1,000	442,431	3.6	407,897
\$5,000 to \$9,999 . . . . . farms	4,902	5.4	6,060	Hogs and pigs . . . . . farms	11,275	12.4	18,718
\$1,000	35,352	0.3	43,714	\$1,000	3,078,455	25.1	3,012,764
\$10,000 to \$19,999 . . . . . farms	6,631	7.3	7,638	Sheep, goats, and their products farms	3,842	4.2	(NA)
\$1,000	96,195	0.8	111,139	\$1,000	23,366	0.2	(NA)
\$20,000 to \$24,999 . . . . . farms	2,778	3.1	3,222	Horses, ponies, mules, burros,			
\$1,000	61,731	0.5	71,988	and donkeys . . . . . farms	2,845	3.1	(NA)
\$25,000 to \$39,999 . . . . . farms	6,437	7.1	7,593	\$1,000	13,643	0.1	(NA)
\$1,000	205,720	1.7	243,528	Aquaculture (see text) . . . . . farms	47	0.1	(NA)
\$40,000 to \$49,999 . . . . . farms	3,601	4.0	4,204	\$1,000	2,308	(Z)	(NA)
\$1,000	160,367	1.3	188,303	Other animals and other animal			
\$50,000 to \$99,999 . . . . . farms	11,718	12.9	14,231	products (see text) . . . . . farms	563	0.6	(NA)
\$1,000	846,783	6.9	1,030,239	\$1,000	10,276	0.1	(NA)
\$100,000 to \$249,999 . . . . . farms	14,920	16.5	19,227	Value of landlord's share of			
\$1,000	2,417,878	19.7	3,107,745	total sales (see text) . . . . . farms	10,707	11.8	(NA)
\$250,000 to \$499,999 . . . . . farms	7,731	8.5	8,531	\$1,000	519,739	4.2	(NA)
\$1,000	2,679,591	21.8	2,925,213	Value of agricultural products sold			
\$500,000 to \$999,999 . . . . . farms	3,246	3.6	2,976	directly to individuals for human			
\$1,000	2,231,203	18.2	1,985,122	consumption (see text) . . . . . farms	2,455	2.7	2,313
\$1,000,000 or more . . . . . farms	1,518	1.7	1,083	\$1,000	11,651	0.1	7,686
\$1,000	3,518,062	28.7	2,427,563	dollars	4,746	(X)	3,323
\$1,000,000 to \$2,499,999 . . . . . farms	1,244	1.4	896	Average per farm . . . . . dollars			
\$1,000	1,795,528	14.6	1,279,066	By value of sales:			
\$2,500,000 to \$4,999,999 . . . . . farms	164	0.2	120	\$1 to \$499 . . . . . farms	704	0.8	813
\$1,000	550,643	4.5	411,726	\$1,000	134	(Z)	164
\$5,000,000 or more . . . . . farms	110	0.1	67	\$500 to \$999 . . . . . farms	383	0.4	420
\$1,000	1,171,890	9.5	736,771	\$1,000	267	(Z)	291
Value of sales by commodity				\$1,000 to \$4,999 . . . . . farms	859	0.9	795
or commodity group:				\$1,000	1,989	(Z)	1,744
Crops, including nursery				\$5,000 to \$9,999 . . . . . farms	240	0.3	153
and greenhouse . . . . . farms	60,303	66.5	70,557	\$1,000	1,656	(Z)	1,018
\$1,000	6,071,272	49.5	6,381,676	\$10,000 to \$24,999 . . . . . farms	167	0.2	79
Grains, oilseeds, dry beans,				\$1,000	2,647	(Z)	1,248
and dry peas . . . . . farms	55,294	61.0	(NA)	\$25,000 to \$49,999 . . . . . farms	65	0.1	26
\$1,000	5,858,528	47.7	(NA)	\$1,000	2,167	(Z)	866
Tobacco . . . . . farms	3	(Z)	-	\$1,000	37	(Z)	27
\$1,000	29	(Z)	-	\$50,000 or more . . . . . farms	2,792	(Z)	2,356
Cotton and cottonseed . . . . . farms	-	-	-	\$1,000			
\$1,000	-	-	-	Value of certified organically produced			
Vegetables, melons, potatoes,				commodities (see text) . . . . . farms	402	0.4	(NA)
and sweet potatoes . . . . . farms	757	0.8	(NA)	\$1,000	13,333	0.1	(NA)
\$1,000	19,491	0.2	(NA)	Average per farm . . . . . dollars	33,166	(X)	(NA)
Fruits, tree nuts, and berries . . . . . farms	412	0.5	330	By value of sales:			
\$1,000	4,496	(Z)	3,602	\$1 to \$999 . . . . . farms	35	(Z)	(NA)
Nursery, greenhouse, floriculture,				\$1,000	12	(Z)	(NA)
and sod (see text) . . . . . farms	554	0.6	(NA)	\$1,000 to \$9,999 . . . . . farms	156	0.2	(NA)
\$1,000	77,610	0.6	(NA)	\$1,000	675	(Z)	(NA)
Cut Christmas trees and short				\$10,000 to \$24,999 . . . . . farms	89	0.1	(NA)
rotation woody crops . . . . . farms	215	0.2	(NA)	\$1,000	1,365	(Z)	(NA)
\$1,000	1,424	(Z)	(NA)	\$25,000 to \$49,999 . . . . . farms	49	0.1	(NA)
Other crops and hay (see text) . . . . . farms	12,703	14.0	(NA)	\$1,000	1,678	(Z)	(NA)
\$1,000	109,695	0.9	(NA)	\$50,000 or more . . . . . farms	73	0.1	(NA)
Livestock, poultry, and				\$1,000	9,603	0.1	(NA)
their products . . . . . farms	40,829	45.0	53,697				
\$1,000	6,202,362	50.5	5,780,489				
Poultry and eggs . . . . . farms	1,572	1.7	1,706				
\$1,000	511,949	4.2	414,587				

**Table 3. Economic Class of Farms by Market Value of Agricultural Products Sold and Government Payments: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Market value of agricultural products sold and government payments	Market value of agricultural products sold	Government payments
Total . . . . . farms	90,655	90,655	63,074
\$1,000	12,812,531	12,273,634	538,896
Average per farm . . . . . dollars	141,333	135,388	8,544
By economic class (see text):			
Less than \$1,000 (see text) . . . . . farms	5,250	5,250	1,178
\$1,000	1,265	602	663
\$1,000 to \$2,499 . . . . . farms	8,594	8,594	5,921
\$1,000	14,352	5,356	8,996
\$2,500 to \$4,999 . . . . . farms	6,906	6,906	4,547
\$1,000	25,007	11,521	13,486
\$5,000 to \$9,999 . . . . . farms	7,692	7,692	4,988
\$1,000	55,259	30,584	24,676
\$10,000 to \$24,999 . . . . . farms	11,568	11,568	7,284
\$1,000	190,530	143,407	47,123
\$25,000 to \$49,999 . . . . . farms	10,417	10,417	7,138
\$1,000	380,718	341,648	39,070
\$50,000 to \$99,999 . . . . . farms	11,850	11,850	8,959
\$1,000	859,312	804,410	54,901
\$100,000 to \$249,999 . . . . . farms	15,240	15,240	12,367
\$1,000	2,480,248	2,354,329	125,919
\$250,000 to \$499,999 . . . . . farms	8,128	8,128	6,819
\$1,000	2,833,435	2,714,516	118,919
\$500,000 to \$999,999 . . . . . farms	3,420	3,420	2,749
\$1,000	2,349,034	2,279,539	69,495
\$1,000,000 or more . . . . . farms	1,590	1,590	1,124
\$1,000	3,623,371	3,587,723	35,648
\$1,000,000 to \$2,499,999 . . . . . farms	1,312	1,312	972
\$1,000	1,886,308	1,855,646	30,662
\$2,500,000 to \$4,999,999 . . . . . farms	168	168	102
\$1,000	563,215	560,187	3,028
\$5,000,000 or more . . . . . farms	110	110	50
\$1,000	1,173,848	1,171,890	1,958

**Table 4. Farm Production Expenses: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Total farm production expenses	farms 90,648	(X)	96,697	(X)
Average per farm	\$1,000 (X)	10,303,448	(X)	8,677,056
	dollars (X)	113,664	(X)	89,734
<b>Farms with expenses of-</b>				
\$1 to \$4,999	16,781	39,274	16,179	41,091
\$5,000 to \$9,999	9,796	71,392	11,165	80,843
\$10,000 to \$24,999	15,241	249,737	15,848	262,125
\$25,000 to \$49,999	13,355	486,366	13,743	497,287
\$50,000 to \$99,999	12,198	886,351	15,908	1,160,721
\$100,000 to \$249,999	14,061	2,249,069	17,882	2,622,650
\$250,000 to \$499,999	5,556	1,884,489	3,583	1,275,199
\$500,000 or more	3,660	4,436,768	2,389	2,737,140
\$500,000 to \$999,999	2,427	1,652,954	1,714	1,148,485
\$1,000,000 to \$2,499,999	1,021	1,494,193	542	772,758
\$2,500,000 or more	212	1,289,620	133	815,898
<b>Fertilizer, lime, and soil conditioners purchased</b>	farms 61,514	(X)	67,656	(X)
	\$1,000 (X)	665,890	(X)	665,146
	percent of total (X)	6.5	(X)	7.7
<b>Farms with expenses of-</b>				
\$1 to \$499	6,023	1,438	5,755	1,435
\$500 to \$999	4,221	3,020	3,812	2,714
\$1,000 to \$4,999	18,380	49,277	21,113	56,561
\$5,000 to \$9,999	12,190	86,625	14,181	100,541
\$10,000 to \$24,999	13,360	206,859	16,791	258,000
\$25,000 to \$49,999	5,538	184,383	4,766	157,912
\$50,000 to \$99,999	1,574	100,873	1,103	69,995
\$100,000 or more	228	33,413	135	17,988
<b>Chemicals purchased</b>	farms 54,776	(X)	66,869	(X)
	\$1,000 (X)	464,509	(X)	546,735
	percent of total (X)	4.5	(X)	6.3
<b>Farms with expenses of-</b>				
\$1 to \$499	9,592	1,861	9,228	2,033
\$500 to \$999	4,023	2,798	5,291	3,775
\$1,000 to \$4,999	16,163	42,713	20,650	53,846
\$5,000 to \$9,999	9,588	67,656	12,892	91,614
\$10,000 to \$24,999	10,867	168,327	14,526	220,387
\$25,000 to \$49,999	3,719	120,974	3,468	114,731
\$50,000 or more	824	60,179	814	60,349
\$50,000 to \$99,999	706	44,998	714	45,982
\$100,000 or more	118	15,182	100	14,367
<b>Seeds, plants, vines, and trees</b>	farms 59,724	(X)	70,900	(X)
	\$1,000 (X)	603,316	(X)	511,082
	percent of total (X)	5.9	(X)	5.9
<b>Farms with expenses of-</b>				
\$1 to \$499	7,575	1,628	7,626	1,731
\$500 to \$999	4,179	2,992	5,563	4,006
\$1,000 to \$4,999	17,485	47,608	24,860	65,996
\$5,000 to \$9,999	11,108	79,148	15,723	110,568
\$10,000 to \$24,999	13,573	215,272	14,021	206,742
\$25,000 or more	5,804	256,669	3,107	122,039
\$25,000 to \$49,999	4,496	152,386	2,641	86,216
\$50,000 or more	1,308	104,282	466	35,823
<b>Livestock and poultry purchased</b>	farms 25,756	(X)	31,882	(X)
	\$1,000 (X)	1,854,227	(X)	1,283,094
	percent of total (X)	18.0	(X)	14.8
<b>Farms with expenses of-</b>				
\$1 to \$999	4,544	2,015	4,140	1,849
\$1,000 to \$4,999	7,773	18,301	10,110	25,293
\$5,000 to \$9,999	2,742	18,971	4,573	32,125
\$10,000 to \$24,999	2,641	42,058	5,171	83,010
\$25,000 to \$49,999	1,990	71,812	3,239	115,767
\$50,000 to \$99,999	2,105	153,347	2,239	151,176
\$100,000 to \$249,999	2,216	351,771	1,347	210,525
\$250,000 or more	1,745	1,195,952	1,063	663,350
\$250,000 to \$499,999	1,028	351,898	681	231,762
\$500,000 to \$999,999	463	315,252	253	171,248
\$1,000,000 or more	254	528,802	129	260,340
<b>Breeding livestock purchased (see text)</b>	farms 13,436	(X)	(NA)	(NA)
	\$1,000 (X)	100,883	(NA)	(NA)
	percent of total (X)	1.0	(NA)	(NA)
<b>Farms with expenses of-</b>				
\$1 to \$999	3,302	1,572	(NA)	(NA)
\$1,000 to \$4,999	6,761	15,512	(NA)	(NA)
\$5,000 to \$9,999	1,861	12,476	(NA)	(NA)
\$10,000 to \$24,999	1,011	15,178	(NA)	(NA)
\$25,000 to \$49,999	272	9,483	(NA)	(NA)
\$50,000 to \$99,999	120	7,964	(NA)	(NA)
\$100,000 to \$249,999	67	10,143	(NA)	(NA)
\$250,000 or more	42	28,555	(NA)	(NA)
\$250,000 to \$499,999	29	9,361	(NA)	(NA)
\$500,000 to \$999,999	6	3,640	(NA)	(NA)
\$1,000,000 or more	7	15,554	(NA)	(NA)
<b>Other livestock and poultry purchased</b>	farms 16,372	(X)	(NA)	(NA)
	\$1,000 (X)	1,753,344	(NA)	(NA)
	percent of total (X)	17.0	(NA)	(NA)
<b>Farms with expenses of-</b>				
\$1 to \$999	2,757	1,104	(NA)	(NA)
\$1,000 to \$4,999	2,773	6,885	(NA)	(NA)
\$5,000 to \$9,999	1,364	9,897	(NA)	(NA)
\$10,000 to \$24,999	1,870	30,966	(NA)	(NA)
\$25,000 to \$49,999	1,789	64,777	(NA)	(NA)

See footnote(s) at end of table.

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**Table 4. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Total farm production expenses - Con.				
Livestock and poultry purchased - Con.				
Other livestock and poultry purchased - Con.				
Farms with expenses of- Con.				
\$50,000 to \$99,999	1,987	145,170	(NA)	(NA)
\$100,000 to \$249,999	2,139	339,254	(NA)	(NA)
\$250,000 or more	1,693	1,155,291	(NA)	(NA)
\$250,000 to \$499,999	1,003	343,142	(NA)	(NA)
\$500,000 to \$999,999	447	304,617	(NA)	(NA)
\$1,000,000 or more	243	507,532	(NA)	(NA)
Feed purchased	farms 41,037	(X)	48,781	(X)
\$1,000	(X)	1,922,817	(X)	1,604,170
percent of total	(X)	18.7	(X)	18.5
Farms with expenses of-				
\$1 to \$999	9,500	4,415	9,815	4,592
\$1,000 to \$4,999	13,466	32,733	15,012	35,519
\$5,000 to \$9,999	4,623	31,769	6,016	41,824
\$10,000 to \$24,999	4,329	67,644	7,221	115,368
\$25,000 to \$49,999	2,978	106,999	4,946	170,628
\$50,000 to \$99,999	2,579	180,992	2,963	201,187
\$100,000 or more	3,562	1,498,264	2,808	1,035,052
\$100,000 to \$249,999	1,952	306,359	1,846	282,005
\$250,000 to \$499,999	1,007	350,040	606	202,426
\$500,000 to \$999,999	412	281,202	222	150,127
\$1,000,000 or more	191	560,663	134	400,494
Gasoline, fuels, and oils	farms 87,485	(X)	88,995	(X)
\$1,000	(X)	348,189	(X)	364,116
percent of total	(X)	3.4	(X)	4.2
Farms with expenses of-				
\$1 to \$999	36,465	12,592	29,564	12,052
\$1,000 to \$4,999	30,957	76,484	35,669	91,605
\$5,000 to \$9,999	11,674	80,457	15,484	106,901
\$10,000 to \$24,999	6,693	96,098	7,060	101,514
\$25,000 to \$49,999	1,289	44,208	1,009	33,063
\$50,000 or more	407	38,351	209	18,980
Utilities (see text)	farms 62,217	(X)	(NA)	(NA)
\$1,000	(X)	215,675	(NA)	(NA)
percent of total	(X)	2.1	(NA)	(NA)
Farms with expenses of-				
\$1 to \$499	12,145	2,904	(NA)	(NA)
\$500 to \$999	9,642	6,770	(NA)	(NA)
\$1,000 to \$4,999	30,383	71,562	(NA)	(NA)
\$5,000 to \$9,999	6,509	43,236	(NA)	(NA)
\$10,000 to \$24,999	2,729	40,832	(NA)	(NA)
\$25,000 or more	809	50,370	(NA)	(NA)
\$25,000 to \$49,999	551	18,397	(NA)	(NA)
\$50,000 or more	258	31,973	(NA)	(NA)
Supplies, repairs, and maintenance	farms 81,393	(X)	82,231	(X)
\$1,000	(X)	646,011	(X)	523,311
percent of total	(X)	6.3	(X)	6.0
Farms with expenses of-				
\$1 to \$999	22,219	8,775	16,977	7,686
\$1,000 to \$4,999	27,042	68,094	32,201	80,151
\$5,000 to \$9,999	14,123	99,036	15,888	107,589
\$10,000 to \$24,999	12,749	193,706	14,184	204,478
\$25,000 to \$49,999	3,626	121,806	2,414	77,387
\$50,000 or more	1,634	154,593	567	46,020
\$50,000 to \$99,999	1,239	83,015	477	30,152
\$100,000 or more	395	71,578	90	15,868
Hired farm labor	farms 28,135	(X)	34,352	(X)
\$1,000	(X)	409,190	(X)	327,812
percent of total	(X)	4.0	(X)	3.8
Farms with expenses of-				
\$1 to \$999	10,271	3,891	15,093	5,513
\$1,000 to \$4,999	8,481	19,838	9,427	22,382
\$5,000 to \$9,999	2,975	20,664	3,522	24,096
\$10,000 to \$24,999	2,926	47,429	3,438	53,577
\$25,000 to \$49,999	1,787	62,506	1,651	55,195
\$50,000 to \$99,999	1,053	71,566	783	53,162
\$100,000 or more	642	183,296	438	113,887
\$100,000 to \$249,999	480	70,065	340	49,176
\$250,000 to \$499,999	95	32,334	66	22,111
\$500,000 or more	67	80,897	32	42,600
Contract labor	farms 6,425	(X)	6,438	(X)
\$1,000	(X)	37,829	(X)	25,840
percent of total	(X)	0.4	(X)	0.3
Farms with expenses of-				
\$1 to \$999	2,376	1,068	2,625	1,172
\$1,000 to \$4,999	2,856	6,694	2,839	6,359
\$5,000 to \$9,999	581	3,897	507	3,504
\$10,000 to \$24,999	378	5,621	348	4,942
\$25,000 to \$49,999	115	3,825	65	2,218
\$50,000 or more	119	16,723	54	7,646
\$50,000 to \$99,999	84	5,679	32	2,248
\$100,000 or more	35	11,044	22	5,399
Customwork and custom hauling	farms 30,366	(X)	(NA)	(NA)
\$1,000	(X)	160,788	(NA)	(NA)
percent of total	(X)	1.6	(NA)	(NA)
Farms with expenses of-				
\$1 to \$999	10,046	4,345	(NA)	(NA)
\$1,000 to \$4,999	12,204	29,591	(NA)	(NA)
\$5,000 to \$9,999	4,360	30,204	(NA)	(NA)
\$10,000 to \$24,999	2,829	42,286	(NA)	(NA)
\$25,000 to \$49,999	622	20,679	(NA)	(NA)

See footnote(s) at end of table.

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**Table 4. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Total farm production expenses - Con.				
Customwork and custom hauling - Con.				
Farms with expenses of- Con.				
\$50,000 or more	305	33,683	(NA)	(NA)
\$50,000 to \$99,999	202	12,970	(NA)	(NA)
\$100,000 or more	103	20,713	(NA)	(NA)
Cash rent for land, buildings, and grazing fees <sup>2</sup>				
farms	34,940	(X)	38,257	(X)
\$1,000	(X)	1,182,053	(X)	909,052
percent of total	(X)	11.5	(X)	10.5
Farms with expenses of-				
\$1 to \$499	1,566	420	2,182	529
\$500 to \$999	1,401	976	1,533	1,069
\$1,000 to \$4,999	5,610	14,565	6,475	17,400
\$5,000 to \$9,999	3,994	29,098	5,701	41,183
\$10,000 to \$24,999	8,380	137,047	10,788	176,847
\$25,000 to \$49,999	6,582	235,113	7,166	251,644
\$50,000 or more	7,407	764,833	4,412	420,380
Rent and lease expenses for machinery, equipment, and farm share of vehicles				
farms	8,558	(X)	(NA)	(NA)
\$1,000	(X)	68,636	(NA)	(NA)
percent of total	(X)	0.7	(NA)	(NA)
Farms with expenses of-				
\$1 to \$499	1,446	296	(NA)	(NA)
\$500 to \$999	782	534	(NA)	(NA)
\$1,000 to \$4,999	3,150	7,439	(NA)	(NA)
\$5,000 to \$9,999	1,070	7,434	(NA)	(NA)
\$10,000 to \$24,999	1,535	22,745	(NA)	(NA)
\$25,000 to \$49,999	387	13,118	(NA)	(NA)
\$50,000 or more	188	17,071	(NA)	(NA)
Interest expense				
farms	49,156	(X)	57,878	(X)
\$1,000	(X)	704,077	(X)	624,048
percent of total	(X)	6.8	(X)	7.2
Farms with expenses of-				
\$1 to \$999	6,546	2,820	8,925	3,938
\$1,000 to \$4,999	13,777	36,494	18,937	51,184
\$5,000 to \$9,999	9,967	70,560	11,420	80,402
\$10,000 to \$24,999	11,415	177,948	12,407	190,287
\$25,000 to \$49,999	4,795	165,403	4,609	153,572
\$50,000 to \$99,999	1,922	126,434	1,305	85,514
\$100,000 or more	734	124,420	275	59,151
Secured by real estate				
farms	36,961	(X)	38,830	(X)
\$1,000	(X)	456,338	(X)	361,074
percent of total	(X)	4.4	(X)	4.2
Farms with expenses of-				
\$1 to \$999	4,282	2,020	4,409	2,110
\$1,000 to \$4,999	11,729	32,496	13,972	38,202
\$5,000 to \$9,999	8,278	58,129	8,947	62,369
\$10,000 to \$24,999	8,335	127,079	8,605	128,784
\$25,000 to \$49,999	2,827	96,114	2,301	75,355
\$50,000 to \$99,999	1,095	71,576	508	32,786
\$100,000 or more	415	68,924	88	21,466
Not secured by real estate				
farms	30,368	(X)	37,784	(X)
\$1,000	(X)	247,739	(X)	262,974
percent of total	(X)	2.4	(X)	3.0
Farms with expenses of-				
\$1 to \$999	7,036	2,745	8,798	3,834
\$1,000 to \$4,999	10,724	27,228	14,441	36,310
\$5,000 to \$9,999	5,657	39,613	7,211	49,069
\$10,000 to \$24,999	4,879	74,372	5,530	81,215
\$25,000 to \$49,999	1,521	51,773	1,301	43,731
\$50,000 to \$99,999	397	26,633	408	26,469
\$100,000 or more	154	25,375	95	22,346
Property taxes paid				
farms	82,051	(X)	84,624	(X)
\$1,000	(X)	346,765	(X)	252,699
percent of total	(X)	3.4	(X)	2.9
Farms with expenses of-				
\$1 to \$499	11,165	2,775	11,857	2,995
\$500 to \$999	10,035	7,377	13,053	9,478
\$1,000 to \$4,999	40,853	103,895	45,443	109,913
\$5,000 to \$9,999	12,542	86,314	10,511	70,748
\$10,000 to \$24,999	6,142	89,869	3,437	47,775
\$25,000 or more	1,314	56,534	323	11,790
All other production expenses (see text)				
farms	64,832	(X)	90,839	(X)
\$1,000	(X)	673,475	(X)	735,663
percent of total	(X)	6.5	(X)	8.5
Farms with expenses of-				
\$1 to \$999	15,834	6,892	23,657	10,392
\$1,000 to \$4,999	22,688	56,599	33,360	80,699
\$5,000 to \$9,999	10,696	73,614	14,423	98,353
\$10,000 to \$24,999	10,109	155,634	13,722	204,627
\$25,000 to \$49,999	3,350	113,517	3,817	125,186
\$50,000 to \$99,999	1,423	97,550	1,359	90,254
\$100,000 or more	732	169,668	501	126,151
\$100,000 to \$249,999	570	82,605	403	56,775
\$250,000 or more	162	87,063	98	69,376
Production expenses paid by landlords <sup>2</sup>				
farms	10,057	(X)	(NA)	(NA)
\$1,000	(X)	169,575	(NA)	(NA)
percent of total	(X)	1.6	(NA)	(NA)
Farms with expenses of-				
\$1 to \$499	485	79	(NA)	(NA)
\$500 to \$999	303	231	(NA)	(NA)
\$1,000 to \$4,999	2,641	7,504	(NA)	(NA)

See footnote(s) at end of table.

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**Table 4. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Production expenses paid by landlords <sup>1</sup> - Con.				
Farms with expenses of- Con.				
\$5,000 to \$9,999	2,078	14,886	(NA)	(NA)
\$10,000 to \$24,999	2,820	44,254	(NA)	(NA)
\$25,000 or more	1,730	102,621	(NA)	(NA)
\$25,000 to \$49,999	1,087	37,452	(NA)	(NA)
\$50,000 to \$99,999	452	29,750	(NA)	(NA)
\$100,000 or more	191	35,419	(NA)	(NA)
Depreciation expenses claimed (see text)				
farms	49,049	(X)	(NA)	(NA)
\$1,000	(X)	1,005,074	(NA)	(NA)
percent of total	(X)	9.8	(NA)	(NA)
Farms with expenses of-				
\$1 to \$499	2,722	656	(NA)	(NA)
\$500 to \$999	2,498	1,745	(NA)	(NA)
\$1,000 to \$4,999	13,048	33,429	(NA)	(NA)
\$5,000 to \$9,999	8,167	57,405	(NA)	(NA)
\$10,000 to \$24,999	11,813	189,727	(NA)	(NA)
\$25,000 or more	10,801	722,112	(NA)	(NA)
\$25,000 to \$49,999	6,272	214,269	(NA)	(NA)
\$50,000 to \$99,999	3,206	216,963	(NA)	(NA)
\$100,000 or more	1,323	290,879	(NA)	(NA)

<sup>1</sup> Data for 1997 do not include lime or manure.

<sup>2</sup> Data for 1997 do not include grazing fees.

<sup>3</sup> Landlord production expenses are included within total farm production expenses.

**Table 5. Net Cash Farm Income of the Operations and Operators: 2002**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Farms	Income (\$1,000)	Item	Farms	Income (\$1,000)
Net cash farm income of operations (see text)	90,648	2,863,769	Net cash farm income of operators (see text)	90,648	2,624,949
Average per farm	(X)	31,592	Average per farm	(X)	28,958
Farms with net gains <sup>1</sup>	60,139	3,491,330	Farm operators reporting net gains <sup>1</sup>	59,502	3,263,688
Average per farm	(X)	58,054	Average per farm	(X)	54,850
Farms with gains of-			Farms with gains of-		
less than \$1,000	4,051	2,087	less than \$1,000	4,142	2,097
\$1,000 to \$4,999	9,046	24,450	\$1,000 to \$4,999	9,385	25,530
\$5,000 to \$9,999	7,216	52,712	\$5,000 to \$9,999	7,329	53,485
\$10,000 to \$24,999	11,948	199,973	\$10,000 to \$24,999	12,387	207,005
\$25,000 to \$49,999	9,806	350,314	\$25,000 to \$49,999	9,788	348,355
\$50,000 or more	18,072	2,861,794	\$50,000 or more	16,471	2,627,217
Farms with net losses	30,509	627,561	Farm operators reporting net losses	31,146	638,739
Average per farm	(X)	20,570	Average per farm	(X)	20,508
Farms with losses of-			Farms with losses of-		
less than \$1,000	3,867	1,893	less than \$1,000	3,888	1,927
\$1,000 to \$4,999	9,849	26,553	\$1,000 to \$4,999	9,893	26,697
\$5,000 to \$9,999	6,228	44,599	\$5,000 to \$9,999	6,261	45,280
\$10,000 to \$24,999	5,386	84,347	\$10,000 to \$24,999	5,650	89,528
\$25,000 to \$49,999	2,498	86,496	\$25,000 to \$49,999	2,629	91,936
\$50,000 or more	2,681	383,672	\$50,000 or more	2,825	383,371

<sup>1</sup> Farms with total production expenses equal to total of market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

**Table 6. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)		Farms	Value (\$1,000)	Farms	Value (\$1,000)
Government payments	63,074	538,896	71,439	562,555	Government payments - Con.				
Average per farm <sup>1</sup>	(X)	8,544	(X)	7,875	Amount from other				
Farms with receipts of-					Federal farm programs	45,009	388,452	(NA)	(NA)
\$1 to \$999	7,948	3,764	7,783	3,665	Average per farm	(X)	8,631	(NA)	(NA)
\$1,000 to \$4,999	24,999	65,843	28,012	76,406	Farms with receipts of-				
\$5,000 to \$9,999	13,364	95,530	17,076	121,419	\$1 to \$999	7,929	3,331	(NA)	(NA)
\$10,000 to \$24,999	12,467	191,268	14,967	226,939	\$1,000 to \$4,999	15,574	41,681	(NA)	(NA)
\$25,000 to \$49,999	3,407	114,450	3,278	107,522	\$5,000 to \$9,999	9,374	66,971	(NA)	(NA)
\$50,000 or more	889	68,041	323	26,605	\$10,000 to \$24,999	8,870	136,228	(NA)	(NA)
					\$25,000 or more	3,262	140,241	(NA)	(NA)
Amount from Conservation Reserve and Wetlands Reserve Programs	30,454	150,444	25,841	139,366	Commodity Credit Corporation Loans (see text)	17,025	709,718	13,252	522,904
Average per farm <sup>1</sup>	(X)	4,940	(X)	5,393	Average per farm <sup>1</sup>	(X)	41,687	(X)	39,458
Farms with receipts of-					Farms with receipts of-				
\$1 to \$999	5,393	2,913	(NA)	(NA)	\$1 to \$999	1,188	545	538	269
\$1,000 to \$4,999	15,876	39,050	(NA)	(NA)	\$1,000 to \$4,999	3,238	8,854	1,824	5,125
\$5,000 to \$9,999	5,171	36,352	(NA)	(NA)	\$5,000 to \$9,999	2,224	15,782	1,658	11,913
\$10,000 to \$24,999	3,416	50,249	(NA)	(NA)	\$10,000 to \$19,999	2,569	36,282	2,375	34,374
\$25,000 or more	598	21,880	(NA)	(NA)	\$20,000 to \$24,999	843	18,616	793	17,520
					\$25,000 to \$49,999	2,685	95,256	2,745	97,966
					\$50,000 or more	4,278	534,383	3,319	355,735

<sup>1</sup> Data are in whole dollars.

**Table 7. Income From Farm-Related Sources: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)		Farms	Value (\$1,000)	Farms	Value (\$1,000)
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup>	40,681	339,770	41,908	274,702	Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> - Con.				
Average per farm	(X)	8,352	(X)	6,555	Sales of forest products, excluding Christmas trees and maple products - Con.				
Farms with receipts of-					Farms with receipts of - Con.				
\$1 to \$999	14,734	4,897	16,108	5,561	\$5,000 to \$9,999	164	1,132	124	824
\$1,000 to \$4,999	11,647	28,262	13,359	32,082	\$10,000 to \$24,999	120	1,780	158	2,418
\$5,000 to \$9,999	5,098	36,157	5,052	35,259	\$25,000 or more	41	1,379	4	210
\$10,000 to \$24,999	5,824	91,414	5,044	78,882	Recreational services (see text)	256	880	(NA)	(NA)
\$25,000 to \$49,999	2,237	76,270	1,518	49,937	Average per farm	(X)	3,439	(NA)	(NA)
\$50,000 or more	1,141	102,770	827	72,980	Farms with receipts of-				
Customwork and other agricultural services	10,771	103,243	11,154	90,652	\$1 to \$999	132	36	(NA)	(NA)
Average per farm	(X)	9,585	(X)	8,127	\$1,000 to \$4,999	71	136	(NA)	(NA)
Farms with receipts of-					\$5,000 to \$9,999	26	168	(NA)	(NA)
\$1 to \$999	2,038	969	2,273	1,083	\$10,000 to \$24,999	19	292	(NA)	(NA)
\$1,000 to \$4,999	3,989	9,996	4,523	10,981	\$25,000 or more	8	248	(NA)	(NA)
\$5,000 to \$9,999	1,871	12,899	1,951	13,282	Patronage dividends and refunds from cooperatives (see text)	24,233	27,174	(NA)	(NA)
\$10,000 to \$24,999	1,896	28,720	1,674	25,289	Average per farm	(X)	1,121	(NA)	(NA)
\$25,000 to \$49,999	655	21,754	449	14,988	Farms with receipts of-				
\$50,000 or more	322	28,905	284	25,029	\$1 to \$999	17,970	4,923	(NA)	(NA)
Gross cash rent or share payments	12,081	170,001	12,152	143,658	\$1,000 to \$4,999	5,389	10,984	(NA)	(NA)
Average per farm	(X)	14,072	(X)	11,822	\$5,000 to \$9,999	577	3,788	(NA)	(NA)
Farms with receipts of-					\$10,000 to \$24,999	216	3,086	(NA)	(NA)
\$1 to \$999	1,427	737	1,875	975	\$25,000 or more	81	4,393	(NA)	(NA)
\$1,000 to \$4,999	3,504	8,906	3,971	10,333	Other farm-related income sources (see text)	8,445	33,537	(NA)	(NA)
\$5,000 to \$9,999	2,171	15,591	2,177	15,503	Average per farm	(X)	3,971	(NA)	(NA)
\$10,000 to \$24,999	3,155	50,239	2,741	43,245	Farms with receipts of-				
\$25,000 or more	1,824	94,528	1,388	73,602	\$1 to \$999	5,051	1,373	(NA)	(NA)
Sales of forest products, excluding Christmas trees and maple products	688	4,934	820	4,249	\$1,000 to \$4,999	2,033	4,871	(NA)	(NA)
Average per farm	(X)	7,172	(X)	5,182	\$5,000 to \$9,999	612	4,120	(NA)	(NA)
Farms with receipts of-					\$10,000 to \$24,999	454	7,030	(NA)	(NA)
\$1 to \$999	140	58	254	113	\$25,000 or more	295	16,143	(NA)	(NA)
\$1,000 to \$4,999	223	585	280	684					

<sup>1</sup> Data for 1997 are based on a sample of farms.



**Table 8. Land: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

All farms	2002		1997	All farms	2002		1997
	Total	Percent of total			Total	Percent of total	
<b>LAND USE</b>				<b>LAND USE - Con.</b>			
Farms .....	90,655	100.0	96,705	Total cropland - Con.			
Land in farms .....	31,729,490	100.0	32,313,119	Other cropland - Con.			
Total cropland .....	84,755	93.5	87,946	Cropland in cultivated			
Harvested cropland .....	27,153,291	85.6	27,713,041	summer fallow .....	farms	-	697
	67,338	74.3	77,706		acres	-	34,128
	23,994,343	75.6	24,008,826	Total woodland .....	farms	21,515	24,157
Farms by acres harvested:					acres	1,336,752	1,406,516
1 to 49 acres .....	14,687	16.2	16,660	Woodland pastured .....	farms	9,809	11,957
1 to 9 acres .....	4,320	4.8	5,320		acres	548,815	664,136
10 to 19 acres .....	3,813	4.2	4,165	Woodland not pastured .....	farms	14,593	16,266
20 to 29 acres .....	2,616	2.9	2,770		acres	787,937	742,380
30 to 49 acres .....	3,938	4.3	4,405	Pastureland and rangeland, other than			
50 to 99 acres .....	7,557	8.3	9,065	cropland and woodland pastured			
100 to 199 acres .....	11,660	12.9	14,838	(see text) .....	farms	23,863	20,080
200 to 499 acres .....	17,404	19.2	21,506		acres	1,735,421	1,524,668
500 to 999 acres .....	10,515	11.6	11,534	Land in house lots, ponds, roads,			
1,000 acres or more .....	5,515	6.1	4,103	wasteland, etc .....	farms	56,291	65,662
1,000 to 1,999 acres .....	4,630	5.1	3,621		acres	1,504,026	1,668,894
2,000 acres or more .....	885	1.0	482	<b>CROP INSURANCE, CONSERVATION,</b>			
				<b>AND ORGANIC PRACTICES</b>			
Cropland used only for				Land enrolled in Conservation			
pasture or grazing .....	20,676	22.8	30,013	Reserve or Wetlands			
	1,355,161	4.3	2,067,368	Reserve Programs .....	farms	30,454	25,848
					acres	1,694,138	1,863,808
Other cropland .....	30,411	33.5	26,018	Land used to raise certified			
	1,803,787	5.7	1,636,847	organically produced			
Cropland idle or used for				crops (see text) .....	farms	364	(NA)
cover crops or soil-improvement,					acres	46,557	(NA)
but not harvested and not				Land enrolled in Federal or other crop			
pastured or grazed (see text) .....	29,532	32.6	(NA)	insurance programs (see text) .....	farms	45,205	(NA)
	1,758,758	5.5	(NA)		acres	19,609,071	(NA)
Cropland on which all							
crops failed .....	1,395	1.5	1,265				
	45,029	0.1	45,571				

**Table 9. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	2002	1997	2002	1997	2002	1997	2002	1997
Land in farms	90,655	96,705	31,729,490	32,313,119	23,994,343	24,008,826	142,109	133,149
Farms by size:								
1 to 9 acres	4,811	5,830	25,779	24,092	4,787	5,979	227	246
10 to 49 acres	16,278	13,329	414,842	349,411	112,526	126,299	848	963
50 to 69 acres	3,843	3,555	224,086	207,955	74,661	75,431	210	453
70 to 99 acres	6,821	7,373	556,342	600,463	235,674	276,828	439	538
100 to 139 acres	6,300	7,003	736,158	818,824	343,599	410,376	505	1,181
140 to 179 acres	7,286	8,573	1,147,324	1,351,033	665,855	815,127	1,486	3,000
180 to 219 acres	4,621	5,511	913,565	1,088,781	522,009	659,805	1,364	2,708
220 to 259 acres	4,506	5,265	1,071,679	1,251,308	678,920	824,067	2,816	1,865
260 to 499 acres	15,592	18,971	5,665,052	6,909,931	4,068,100	5,010,112	10,524	14,196
500 to 999 acres	13,063	15,115	9,083,537	10,416,072	7,306,624	8,267,650	27,742	36,587
1,000 to 1,999 acres	6,213	5,349	8,189,394	6,953,277	6,902,124	5,688,040	49,727	46,653
2,000 to 4,999 acres	1,258	(NA)	3,246,463	(NA)	2,721,809	(NA)	34,752	(NA)
5,000 acres or more	63	36	455,269	285,628	357,655	203,873	11,469	2,752
Farms with harvested cropland	67,338	77,706	29,699,832	30,608,298	23,994,343	24,008,826	141,621	132,289
Farms by size:								
1 to 9 acres	1,249	1,618	7,013	9,127	4,787	5,979	220	246
10 to 49 acres	6,965	7,942	187,951	211,330	112,526	126,299	772	921
50 to 69 acres	2,120	2,163	123,796	126,672	74,661	75,431	210	450
70 to 99 acres	4,384	5,126	357,498	417,411	235,674	276,828	337	535
100 to 139 acres	4,481	5,296	524,327	620,711	343,599	410,376	503	1,131
140 to 179 acres	5,803	7,127	914,903	1,125,002	665,855	815,127	1,446	2,674
180 to 219 acres	3,769	4,744	745,904	937,951	522,009	659,805	1,364	2,628
220 to 259 acres	3,932	4,759	935,991	1,131,456	678,920	824,067	2,795	1,865
260 to 499 acres	14,456	17,940	5,273,344	6,554,977	4,068,100	5,010,112	10,284	14,190
500 to 999 acres	12,728	14,853	8,865,065	10,242,931	7,306,624	8,267,650	27,742	36,587
1,000 to 1,999 acres	6,141	5,311	8,094,176	6,906,858	6,902,124	5,688,040	49,727	46,653
2,000 to 4,999 acres	1,247	(NA)	3,214,595	(NA)	2,721,809	(NA)	34,752	(NA)
5,000 acres or more	63	35	455,269	275,528	357,655	203,873	11,469	(D)
Farms with irrigated land	976	1,006	577,230	547,510	509,245	453,472	142,109	133,149
Farms by size:								
1 to 9 acres	182	151	554	591	311	341	227	246
10 to 49 acres	162	154	3,711	3,528	1,843	1,578	848	963
50 to 69 acres	19	30	1,149	1,719	461	704	210	453
70 to 99 acres	35	27	2,855	2,225	1,195	1,080	439	538
100 to 139 acres	35	50	4,064	5,749	2,163	2,996	505	1,181
140 to 179 acres	38	43	6,016	6,819	4,364	4,740	1,486	3,000
180 to 219 acres	22	40	4,412	7,977	3,390	5,384	1,364	2,708
220 to 259 acres	24	19	5,793	4,379	4,408	3,224	2,816	1,865
260 to 499 acres	104	117	37,845	44,429	30,094	38,022	10,524	14,196
500 to 999 acres	155	188	109,710	133,950	91,545	115,784	27,742	36,587
1,000 to 1,999 acres	138	140	200,346	197,509	184,400	170,363	49,727	46,653
2,000 to 4,999 acres	53	(NA)	139,678	(NA)	132,831	(NA)	34,752	(NA)
5,000 acres or more	9	4	61,097	27,355	52,240	14,180	11,469	2,752

**Table 10. Irrigation: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	2002	1997	Farms with irrigation	2002	1997
Farms	976	1,006	Irrigated land - Con.		
Proportion of farms	1.1	1.0	Acres irrigated - Con.		
Irrigated land	142,109	133,149	1,000 acres or more	farms 22	14
Average per farm	146	132		acres 37,365	17,487
Acres irrigated:			1,000 to 1,999 acres	farms 15	(NA)
1 to 9 acres	farms 463	404		acres 20,912	(NA)
	acres 871	962	2,000 acres or more	farms 7	(NA)
10 to 49 acres	farms 85	117		acres 16,453	(NA)
	acres 2,177	2,958	Irrigated land use:		
50 to 99 acres	farms 76	115	Harvested cropland	farms 934	971
	acres 5,597	8,629		acres 141,438	130,557
100 to 199 acres	farms 135	160	Pastureland and other land	farms 45	43
	acres 18,893	22,323		acres 671	2,592
200 to 499 acres	farms 144	144	Land in irrigated farms	acres 577,230	547,510
	acres 44,146	45,457	Cropland	acres 532,074	488,385
500 to 999 acres	farms 51	52	Harvested cropland	acres 509,245	453,472
	acres 33,060	35,333			

**Table 11. Selected Characteristics of Irrigated and Nonirrigated Farms: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms		Irrigated farms				Nonirrigated farms	
			Any land irrigated		All harvested cropland irrigated			
	2002	1997	2002	1997	2002	1997	2002	1997
Farms	90,655	96,705	976	1,006	230	279	89,679	95,699
Land in farms	31,729,490	32,313,119	577,230	547,510	8,827	18,834	31,152,260	31,765,609
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm	707,730	559,678	1,317,567	1,004,506	421,002	315,070	702,005	555,400
Average per acre	2,005	1,698	2,133	1,725	14,870	4,266	2,003	1,697
Irrigated land	142,109	133,149	142,109	133,149	5,260	12,798	(X)	(X)
Land in farms according to use:								
Total cropland	84,755	87,946	967	1,004	230	279	83,788	86,942
Harvested cropland	27,153,291	27,713,041	532,074	488,385	6,394	15,274	26,621,217	27,224,656
Pastureland, excluding woodland pastured	67,338	77,706	948	986	230	279	66,390	76,720
Land enrolled in Conservation Reserve or Wetlands Reserve Programs	23,994,343	24,008,826	509,245	453,472	5,254	12,786	23,485,098	23,555,354
Land enrolled in Conservation Reserve or Wetlands Reserve Programs	36,882	44,490	265	275	33	40	36,617	44,215
Owned and rented land in farms:	3,090,582	3,592,036	20,333	42,686	411	1,620	3,070,249	3,549,350
Owned land in farms	80,154	81,040	847	863	205	243	79,307	80,177
Rented or leased land in farms	15,646,472	14,902,165	201,651	216,582	5,758	11,944	15,444,821	14,685,583
Livestock, poultry, and their products	40,766	49,573	501	564	35	78	40,265	49,009
Market value of agricultural products sold (see text)	16,083,018	17,410,954	375,579	330,928	3,069	6,890	15,707,439	17,080,026
Average per farm	12,273,634	12,162,165	328,821	254,957	50,207	44,062	11,944,814	11,907,208
Average per acre	135,388	125,766	336,906	253,437	218,292	157,927	133,195	124,424
Crops, including nursery and greenhouse crops	60,303	70,557	945	961	229	263	59,358	69,596
Livestock, poultry, and their products	6,071,272	6,381,676	233,743	187,587	49,248	42,887	5,837,529	6,194,088
Total farm production expenses <sup>1</sup>	40,829	53,697	312	306	27	34	40,517	53,391
Average per farm	6,202,362	5,780,489	95,077	67,370	959	1,174	6,107,285	5,713,119
Fertilizer, lime, and soil conditioners <sup>2</sup>	61,514	67,656	672	853	139	209	60,842	66,803
Chemicals	665,890	665,146	12,858	12,289	490	1,017	653,032	652,857
Seeds, plants, vines, and trees	54,776	66,869	659	782	135	201	54,117	66,087
Livestock and poultry purchased	464,509	546,735	9,103	11,084	611	751	455,406	535,651
Feed purchased	59,724	70,900	749	864	175	220	58,975	70,036
Gasoline, fuels, and oils	603,316	511,082	20,238	14,391	8,099	4,065	583,078	496,691
Utilities (see text)	25,756	31,882	154	184	7	12	25,602	31,698
Supplies, repairs, and maintenance	1,854,227	1,283,094	25,246	17,957	(D)	(D)	1,828,981	1,265,137
Contract labor	41,037	48,781	253	266	25	13	40,784	48,515
Customwork and custom hauling	1,922,817	1,604,170	28,920	16,255	189	25	1,893,896	1,587,915
Cash rent for land, buildings, and grazing fees <sup>3</sup>	87,485	88,995	839	899	206	226	86,646	88,096
Rent and lease expenses for machinery, equipment, and farm share of vehicles	348,189	364,116	8,013	8,869	1,957	2,134	340,176	355,247
Interest expense	62,217	(NA)	756	756	174	(NA)	61,461	(NA)
Property taxes	215,675	(NA)	5,014	(NA)	1,638	(NA)	210,661	(NA)
All other production expenses (see text)	81,393	82,231	832	863	208	225	80,561	81,368
Commodity Credit Corporation loans (see text)	646,011	523,311	15,308	10,541	2,740	1,691	630,703	512,771
Government payments received	28,135	34,352	559	566	127	154	27,576	33,786
Income from farm-related sources (see text) <sup>4</sup>	409,190	327,812	28,787	21,259	12,739	8,392	380,403	306,552
Estimated market value of all machinery and equipment <sup>1</sup>	6,425	6,438	104	151	26	26	6,321	6,287
Livestock inventory:	37,829	25,840	1,634	890	215	(D)	36,195	24,950
Cattle and calves	30,366	(NA)	199	(NA)	13	(NA)	30,167	(NA)
Milk cows	160,788	(NA)	2,317	(NA)	(D)	(NA)	158,470	(NA)
Hogs and pigs	34,940	38,257	385	379	15	51	34,555	37,878
Sheep and lambs	1,182,053	909,052	24,068	16,907	312	798	1,157,985	892,145
Livestock inventory:	8,558	(NA)	144	(NA)	25	(NA)	8,414	(NA)
Interest expense	68,636	(NA)	1,655	(NA)	(D)	(NA)	66,981	(NA)
Property taxes	49,156	57,878	621	617	154	115	48,535	57,261
All other production expenses (see text)	704,077	624,048	10,725	11,617	1,579	1,366	693,352	612,431
Commodity Credit Corporation loans (see text)	82,051	84,624	736	793	185	211	81,315	83,831
Government payments received	346,765	252,699	4,909	3,868	829	662	341,856	248,831
Income from farm-related sources (see text) <sup>4</sup>	64,832	90,839	661	915	137	238	64,171	89,924
Estimated market value of all machinery and equipment <sup>1</sup>	673,475	735,663	19,313	16,695	3,299	4,736	654,162	718,968
Commodity Credit Corporation loans (see text)	17,025	13,252	203	147	5	6	16,822	13,105
Government payments received	709,718	522,904	14,046	7,885	28	83	695,672	515,019
Income from farm-related sources (see text) <sup>4</sup>	63,074	71,439	520	624	25	74	62,554	70,815
Estimated market value of all machinery and equipment <sup>1</sup>	538,896	562,555	8,192	7,767	106	272	530,704	554,789
Average per farm	40,681	41,908	428	372	38	15	40,253	41,536
Average per acre	339,770	274,702	5,192	4,694	434	281	334,579	270,008
Livestock inventory:	88,859	96,655	843	921	208	238	88,016	95,734
Cattle and calves	8,923,379	7,694,453	152,038	132,301	11,979	19,386	8,771,341	7,562,152
Milk cows	100,422	79,607	180,354	143,649	57,594	81,454	99,656	78,991
Hogs and pigs	32,169	39,795	200	197	7	17	31,969	39,598
Sheep and lambs	3,535,945	3,717,394	49,431	37,640	903	430	3,486,514	3,679,754
Livestock inventory:	3,034	4,272	20	13	-	1	3,014	4,259
Milk cows	206,965	222,090	3,407	1,021	-	(D)	203,558	221,069
Hogs and pigs	10,205	17,585	86	114	2	13	10,119	17,471
Sheep and lambs	15,486,531	14,513,319	152,289	162,647	(D)	10,053	15,334,242	14,350,672
Livestock inventory:	3,751	4,636	29	29	6	5	3,722	4,607
Average per farm	249,908	272,913	834	1,055	117	174	249,074	271,858

<sup>1</sup> Data are based on a sample of farms.

<sup>2</sup> 1997 data exclude lime and manure.

<sup>3</sup> 1997 data exclude grazing fees.

<sup>4</sup> 1997 data are based on a sample of farms.

**Table 12. Cattle and Calves - Inventory: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Cattle and calves	32,169	3,535,945	39,795	3,717,394	Cattle and calves - Con.				
Farms with-					Cows and heifers that had calved - Con.				
1 to 9	3,586	18,630	4,479	23,205	Milk cows	3,034	206,965	4,272	222,090
10 to 19	3,650	51,274	4,652	65,460	Farms with-				
20 to 49	8,484	275,669	11,062	359,614	1 to 9	461	1,397	540	1,840
50 to 99	6,899	485,342	9,064	633,452	10 to 19	254	3,477	404	5,715
100 to 199	5,373	737,648	6,537	886,452	20 to 49	882	29,648	1,481	50,185
200 to 499	3,115	903,974	3,143	898,035	50 to 99	966	64,805	1,405	93,075
500 to 999	763	514,513	615	406,900	100 to 199	331	42,963	354	43,505
1,000 to 2,499	248	359,612	207	288,431	200 to 499	112	31,109	80	21,369
2,500 to 4,999	44	139,462	27	91,571	500 to 999	15	9,753	6	(D)
5,000 or more	7	49,821	9	64,274	1,000 or more	13	23,813	2	(D)
Cows and heifers that had calved	25,676	1,194,635	31,774	1,273,268	Other cattle (see text)	29,013	2,341,310	(NA)	(NA)
Farms with-					Farms with-				
1 to 9	3,967	20,030	5,333	26,553	1 to 9	7,014	29,558	(NA)	(NA)
10 to 19	4,603	63,744	6,123	85,396	10 to 19	4,555	62,582	(NA)	(NA)
20 to 49	9,243	290,137	11,646	361,820	20 to 49	7,409	232,534	(NA)	(NA)
50 to 99	5,138	345,003	6,203	408,620	50 to 99	4,694	322,246	(NA)	(NA)
100 to 199	2,141	273,558	2,010	250,296	100 to 199	2,866	381,627	(NA)	(NA)
200 to 499	521	139,998	423	110,036	200 to 499	1,674	489,372	(NA)	(NA)
500 to 999	43	27,349	25	15,527	500 to 999	561	377,081	(NA)	(NA)
1,000 to 2,499	17	26,276	11	15,020	1,000 to 2,499	196	280,867	(NA)	(NA)
2,500 or more	3	8,540	-	-	2,500 or more	44	165,443	(NA)	(NA)
Beef cows	23,313	987,670	28,385	1,051,178	Cattle on feed (see text)	8,725	1,249,270	(NA)	(NA)
Farms with-					Farms with-				
1 to 9	3,855	19,762	5,221	26,083	1 to 9	1,408	6,621	(NA)	(NA)
10 to 19	4,459	61,693	5,921	82,389	10 to 19	1,087	14,709	(NA)	(NA)
20 to 49	8,562	266,207	10,475	320,661	20 to 49	1,943	60,557	(NA)	(NA)
50 to 99	4,235	282,931	4,816	315,198	50 to 99	1,570	108,260	(NA)	(NA)
100 to 199	1,771	224,831	1,603	199,887	100 to 199	1,203	162,541	(NA)	(NA)
200 to 499	397	105,010	321	82,814	200 to 499	962	289,934	(NA)	(NA)
500 to 999	28	17,438	19	11,893	500 to 999	366	244,601	(NA)	(NA)
1,000 to 2,499	6	9,798	9	12,253	1,000 to 2,499	147	216,283	(NA)	(NA)
2,500 or more	-	-	-	-	2,500 or more	39	145,764	(NA)	(NA)

**Table 13. Cattle and Calves - Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Number sold	2002			1997		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Cattle and calves	29,515	2,929,704	2,119,935	39,728	2,936,978	1,886,416
Farms by number sold-						
1 to 9	5,101	25,618	15,260	8,341	42,925	20,997
10 to 19	5,186	71,853	41,350	7,999	110,755	53,059
20 to 49	9,025	283,290	166,386	12,458	385,988	192,340
50 to 99	4,957	338,636	208,838	5,895	397,724	219,751
100 to 199	2,586	344,843	231,292	2,697	360,109	221,531
200 to 499	1,662	487,375	363,171	1,511	453,391	309,680
500 to 999	564	384,395	293,363	459	310,120	226,484
1,000 to 2,499	330	486,368	383,183	284	413,881	298,417
2,500 to 4,999	72	243,847	201,250	52	175,209	127,853
5,000 or more	32	263,479	215,853	32	286,876	216,306
Cattle, including calves weighing 500 pounds or more	26,277	2,670,582	(NA)	32,837	2,556,906	1,780,030
Farms by number sold-						
1 to 9	5,437	25,777	(NA)	8,261	39,414	22,008
10 to 19	4,596	62,890	(NA)	6,483	88,855	49,404
20 to 49	7,435	231,621	(NA)	9,288	288,355	167,133
50 to 99	4,122	281,239	(NA)	4,447	300,305	189,349
100 to 199	2,200	293,006	(NA)	2,223	297,101	201,242
200 to 499	1,538	451,894	(NA)	1,346	405,338	294,831
500 to 999	531	363,751	(NA)	444	299,796	224,729
1,000 to 2,499	318	467,203	(NA)	265	386,357	290,380
2,500 to 4,999	68	229,722	(NA)	48	164,509	124,648
5,000 or more	32	263,479	(NA)	32	286,876	216,306
Cattle on feed (see text)	10,386	1,806,291	(NA)	13,372	1,678,146	1,293,822
Farms by number sold-						
1 to 9	2,072	9,080	(NA)	3,080	13,107	9,547
10 to 19	1,287	17,481	(NA)	2,021	27,562	20,197
20 to 49	2,314	74,189	(NA)	3,399	106,520	79,578
50 to 99	1,645	113,471	(NA)	1,996	136,119	103,843
100 to 199	1,246	169,867	(NA)	1,281	172,833	132,602
200 to 499	1,060	317,199	(NA)	959	293,883	229,185
500 to 999	430	294,303	(NA)	354	237,089	183,967
1,000 to 2,499	244	361,619	(NA)	212	307,448	239,538
2,500 to 4,999	57	192,072	(NA)	43	143,794	111,652
5,000 or more	31	257,010	(NA)	27	239,791	183,713
Calves weighing less than 500 pounds	9,504	259,122	(NA)	14,129	380,072	106,386
Farms by number sold-						
1 to 9	3,448	15,394	(NA)	4,921	22,492	6,639
10 to 19	2,307	30,024	(NA)	3,519	47,610	13,917
20 to 49	2,642	76,850	(NA)	4,018	117,906	34,288
50 to 99	765	49,476	(NA)	1,184	76,318	22,894
100 to 199	237	30,632	(NA)	326	41,263	11,274
200 to 499	65	17,780	(NA)	124	35,104	9,289
500 to 999	30	19,945	(NA)	20	13,320	2,935
1,000 or more	10	19,021	(NA)	17	26,059	5,150

**Table 14. Cattle and Calves Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Herd size	Cattle and calves inventory						Cattle and calves sales		
	Total		Cows and heifers that had calved		Other cattle (see text)		Farms	Number	Value (\$1,000)
	Farms	Number	Farms	Number	Farms	Number			
Total	32,169	3,535,945	25,676	1,194,635	29,013	2,341,310	28,361	2,821,200	2,038,427
Farms with herd size of-									
1 to 9	3,586	18,630	2,110	8,223	2,758	10,407	2,341	21,610	13,789
10 to 19	3,650	51,274	2,854	27,782	2,988	23,492	2,956	36,073	21,332
20 to 49	8,484	275,669	7,323	155,933	7,326	119,736	7,396	170,212	99,473
50 to 99	6,899	485,342	5,989	240,381	6,594	244,961	6,444	287,410	174,479
100 to 199	5,373	737,648	4,534	316,652	5,227	420,996	5,177	438,141	288,313
200 to 499	3,115	903,974	2,316	291,131	3,072	612,843	3,018	650,901	468,919
500 to 999	763	514,513	415	86,761	759	427,752	738	513,667	406,835
1,000 to 2,499	248	359,612	122	51,968	241	307,644	240	409,695	327,985
2,500 to 4,999	44	139,462	11	(D)	41	(D)	44	219,638	173,277
5,000 or more	7	49,821	2	(D)	7	(D)	7	73,853	64,024
No cattle and calves herd, as of Dec. 31, 2002	(X)	(X)	(X)	(X)	(X)	(X)	1,154	108,504	81,509

**Table 15. Cow Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Cow herd <sup>1</sup>	Cattle and calves inventory						Cattle and calves sales		
	Total		Cows and heifers that had calved		Other cattle (see text)		Farms	Number	Value (\$1,000)
	Farms	Number	Farms	Number	Farms	Number			
Total	25,676	2,501,250	25,676	1,194,635	22,520	1,306,615	22,962	1,433,387	929,958
Farms with cow herd size of-									
1 to 9	3,967	56,281	3,967	20,030	3,139	36,251	2,916	40,600	26,311
10 to 19	4,603	143,213	4,603	63,744	3,941	79,469	4,022	88,062	55,043
20 to 49	9,243	609,799	9,243	290,137	8,085	319,662	8,361	349,454	222,210
50 to 99	5,138	728,674	5,138	345,003	4,833	383,671	4,992	403,353	261,457
100 to 199	2,141	581,627	2,141	273,558	1,995	308,069	2,097	328,858	221,773
200 to 499	521	282,302	521	139,998	478	142,304	511	159,911	106,461
500 to 999	43	53,940	43	27,349	39	26,591	43	27,597	17,419
1,000 to 2,499	17	36,874	17	26,276	10	10,598	17	(D)	16,479
2,500 or more	3	8,540	3	8,540	-	-	3	(D)	2,805
No cow herd, as of Dec. 31, 2002	6,493	1,034,695	(X)	(X)	6,493	1,034,695	6,553	1,496,317	1,189,978

<sup>1</sup> Cow herd includes beef cows, milk cows, and heifers that had calved.

**Table 16. Beef Cow Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Beef cow herd	Cattle and calves inventory							
	Total		Cows and heifers that had calved				Other cattle (see text)	
			Total		Beef cows			
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total	23,313	2,166,367	23,313	1,016,716	23,313	987,670	20,382	1,149,651
Farms with beef herd size of-								
1 to 9	3,855	61,113	3,855	24,478	3,855	19,762	3,064	36,635
10 to 19	4,459	147,298	4,459	65,956	4,459	61,693	3,815	81,342
20 to 49	8,562	571,379	8,562	273,542	8,562	266,207	7,460	297,837
50 to 99	4,235	613,820	4,235	289,717	4,235	282,931	3,978	324,103
100 to 199	1,771	492,695	1,771	228,268	1,771	224,831	1,656	264,427
200 to 499	397	224,271	397	107,519	397	105,010	378	116,752
500 to 999	28	39,064	28	17,438	28	17,438	27	21,626
1,000 to 2,499	6	16,727	6	9,798	6	9,798	4	6,929
2,500 or more	-	-	-	-	-	-	-	-
No beef cow herd, as of Dec. 31, 2002	8,856	1,369,578	2,363	177,919	(X)	(X)	8,631	1,191,659

Beef cow herd	Cattle and calves sales								
	Total			Cattle				Calves	
				Total		Cattle on feed (see text)			
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number	Farms	Number
Total	20,864	1,305,082	861,104	18,283	1,139,208	5,607	540,066	7,568	165,874
Farms with beef herd size of-									
1 to 9	2,898	38,691	25,021	2,388	32,019	661	14,270	1,044	6,672
10 to 19	3,912	89,547	55,451	3,272	74,162	857	31,692	1,512	15,385
20 to 49	7,763	334,980	214,575	6,734	280,862	1,961	128,002	2,862	54,118
50 to 99	4,121	368,735	242,268	3,810	321,448	1,276	147,308	1,495	47,287
100 to 199	1,747	304,587	207,258	1,668	275,437	675	136,992	533	29,150
200 to 499	389	133,745	91,314	379	124,653	158	62,723	115	9,092
500 to 999	28	21,809	15,107	27	21,139	15	10,222	3	670
1,000 to 2,499	6	12,988	10,110	5	9,488	4	8,857	4	3,500
2,500 or more	-	-	-	-	-	-	-	-	-
No beef cow herd, as of Dec. 31, 2002	8,651	1,624,622	1,258,831	7,994	1,531,374	4,779	1,266,225	1,936	93,248

**Table 17. Milk Cow Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Milk cow herd	Cattle and calves inventory							
	Total		Cows and heifers that had calved				Other cattle (see text)	
			Total		Milk cows			
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total .....	3,034	434,008	3,034	230,314	3,034	206,965	2,726	203,694
Farms with milk cow herd size of-								
1 to 9 .....	461	19,931	461	8,187	461	1,397	377	11,744
10 to 19 .....	254	11,297	254	4,833	254	3,477	218	6,464
20 to 49 .....	882	72,165	882	34,547	882	29,648	807	37,618
50 to 99 .....	966	144,715	966	70,651	966	64,805	920	74,064
100 to 199 .....	331	87,111	331	45,872	331	42,963	298	41,239
200 to 499 .....	112	56,146	112	31,905	112	31,109	89	24,241
500 to 999 .....	15	16,011	15	10,506	15	9,753	12	5,505
1,000 or more .....	13	26,632	13	23,813	13	23,813	5	2,819
No milk cow herd, as of Dec. 31, 2002 .....	29,135	3,101,937	22,642	964,321	(X)	(X)	26,287	2,137,616

Milk cow herd	Cattle and calves sales						Dairy product sales		
	Total			Cattle		Calves		Farms	Value (\$1,000)
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number		
	Total .....	2,709	170,588	93,396	2,286	110,172	1,491	60,416	2,741
Farms with milk cow herd size of-									
1 to 9 .....	324	11,868	6,517	265	7,966	158	3,902	168	2,002
10 to 19 .....	205	4,972	3,188	171	3,073	114	1,899	254	6,397
20 to 49 .....	795	27,049	15,919	678	19,792	434	7,257	882	53,599
50 to 99 .....	936	46,293	27,094	798	32,882	501	13,411	966	128,451
100 to 199 .....	311	26,385	15,503	256	17,131	189	9,254	331	90,268
200 to 499 .....	110	26,869	13,699	95	17,979	72	8,890	112	71,888
500 to 999 .....	15	5,048	2,592	10	2,445	11	2,603	15	25,227
1,000 or more .....	13	22,104	8,884	13	8,904	12	13,200	13	58,754
No milk cow herd, as of Dec. 31, 2002 .....	26,806	2,759,116	2,026,539	23,991	2,560,410	8,013	198,706	172	5,844

**Table 18. Cattle and Calves - Number Sold Per Farm by Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Number sold	Cattle and calves			Cattle, including calves weighing 500 pounds or more				Calves weighing less than 500 pounds	
				Total		Cattle on feed (see text)			
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number	Farms	Number
	Total .....	29,515	2,929,704	2,119,935	26,277	2,670,582	10,386	1,806,291	9,504
Farms by number of cattle and calves sold -									
1 to 9 .....	5,101	25,618	15,260	4,205	19,204	1,380	5,977	1,533	6,414
10 to 19 .....	5,186	71,853	41,350	4,362	53,208	1,159	13,239	1,975	18,645
20 to 49 .....	9,025	283,290	166,386	7,933	219,585	2,464	65,574	3,345	63,705
50 to 99 .....	4,957	338,636	208,838	4,649	282,754	1,912	108,434	1,603	55,882
100 to 199 .....	2,586	344,843	231,282	2,507	304,654	1,421	166,606	702	40,189
200 to 499 .....	1,662	487,375	363,171	1,641	458,625	1,209	321,754	258	28,750
500 to 999 .....	564	384,395	293,363	549	365,658	464	286,287	57	18,737
1,000 to 2,499 .....	330	486,368	383,183	327	470,314	281	382,241	26	16,054
2,500 or more .....	104	507,326	417,102	104	496,580	96	456,179	5	10,746

**Table 19. Hogs and Pigs - Inventory: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	2002		1997		Hogs and pigs	2002		1997	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Total hogs and pigs .....	10,205	15,486,531	17,585	14,513,319	Total hogs and pigs - Con.				
Farms with-					Hogs and pigs used or to be used for breeding - Con.				
1 to 24 .....	821	7,154	1,463	15,993	Farms with - Con.				
25 to 49 .....	297	10,439	818	29,315	100 to 199 .....	788	103,005	1,949	253,188
50 to 99 .....	432	30,340	1,292	91,239	200 to 499 .....	525	152,761	1,008	285,197
100 to 199 .....	733	101,516	2,190	306,150	500 or more .....	453	791,853	411	532,956
200 to 499 .....	1,999	651,802	4,664	1,481,453	Other hogs and pigs .....	9,863	14,341,208	16,972	13,159,153
500 to 999 .....	2,047	1,421,544	3,403	2,347,670	Farms with-				
1,000 to 1,999 .....	1,940	2,566,050	2,223	2,987,209	1 to 24 .....	765	6,412	1,350	14,007
2,000 to 4,999 .....	1,449	4,438,326	1,224	3,456,610	25 to 49 .....	280	9,788	775	27,744
5,000 or more .....	487	6,259,360	308	3,797,680	50 to 99 .....	421	29,464	1,429	102,099
Hogs and pigs used or to be used for breeding .....	4,386	1,145,323	10,827	1,354,166	100 to 199 .....	721	96,080	2,234	315,264
Farms with-					200 to 499 .....	2,040	654,813	4,631	1,469,319
1 to 24 .....	1,011	10,823	2,798	35,068	500 to 999 .....	2,024	1,393,893	3,233	2,228,037
25 to 49 .....	705	24,625	2,107	74,400	1,000 or more .....	3,612	12,150,758	3,320	9,002,683
50 to 99 .....	904	62,256	2,554	173,357					

**Table 20. Hogs and Pigs - Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	2002			1997		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total hogs and pigs sold	11,275	41,232,492	3,078,455	18,718	27,340,921	3,012,764
Farms with-						
1 to 24	663	6,424	576	1,146	13,668	1,665
25 to 49	267	9,525	848	713	25,425	2,955
50 to 99	365	24,767	2,062	1,155	82,769	9,704
100 to 199	519	72,902	6,084	1,862	259,977	30,288
200 to 499	1,438	472,626	39,341	3,857	1,249,366	147,363
500 to 999	1,748	1,247,659	106,405	3,667	2,585,315	306,001
1,000 to 1,999	2,140	2,910,035	244,445	3,182	4,314,801	511,242
2,000 to 4,999	2,181	6,585,939	548,482	2,141	6,295,129	733,842
5,000 or more	1,954	29,902,615	2,130,211	995	12,514,471	1,269,705
5,000 to 7,499	683	4,074,055	338,122	454	2,699,802	291,580
7,500 or more	1,271	25,828,560	1,792,089	541	9,814,669	978,125

**Table 21. Hogs and Pigs Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Herd size	Hogs and pigs inventory						Hogs and pigs sales		
	Total		Used or to be used for breeding		Other hogs and pigs		Farms	Number	Value (\$1,000)
	Farms	Number	Farms	Number	Farms	Number			
Total inventory	10,205	15,486,531	4,386	1,145,323	9,863	14,341,208	9,895	39,670,693	2,956,583
Farms with-									
1 to 24	821	7,154	389	2,036	689	5,118	632	54,139	4,181
25 to 49	297	10,439	169	2,600	263	7,839	273	51,582	3,942
50 to 99	432	30,340	260	6,321	398	24,019	416	120,295	8,718
100 to 199	733	101,516	464	17,127	702	84,389	712	301,347	22,302
200 to 499	1,999	651,802	941	59,284	1,964	592,518	1,970	1,630,388	127,801
500 to 999	2,047	1,421,544	893	125,878	2,006	1,295,666	2,033	3,600,546	268,481
1,000 to 1,999	1,940	2,566,050	746	196,896	1,919	2,369,154	1,934	6,753,829	495,188
2,000 to 4,999	1,449	4,438,326	348	230,223	1,437	4,208,103	1,442	12,060,854	898,653
5,000 or more	487	6,259,360	186	504,958	485	5,754,402	483	15,097,713	1,127,315
No hogs or pigs on Dec. 31, 2002	(X)	(X)	(X)	(X)	(X)	(X)	1,380	1,561,799	121,872

**Table 22. Hogs and Pigs - Inventory and Sales by Number Sold Per Farm: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales		
	Total		Used or to be used for breeding		Other hogs and pigs		Farms	Number	Value (\$1,000)
	Farms	Number	Farms	Number	Farms	Number			
Total sold	9,895	15,342,043	4,244	1,125,350	9,591	14,216,693	11,275	41,232,492	3,078,455
Farms with sales of-									
1 to 9	248	1,369	128	244	232	1,125	345	1,431	125
10 to 24	225	6,193	87	1,108	200	5,085	318	4,993	450
25 to 49	198	9,611	118	1,580	176	8,031	267	9,525	848
50 to 99	274	20,223	179	3,492	250	16,731	365	24,767	2,062
100 to 199	407	54,962	255	6,857	379	48,105	519	72,902	6,084
200 to 499	1,165	277,052	722	30,135	1,120	246,917	1,438	472,626	39,341
500 to 999	1,517	664,541	740	58,301	1,481	606,240	1,748	1,247,659	106,405
1,000 or more	5,861	14,308,092	2,015	1,023,633	5,753	13,284,459	6,275	39,398,589	2,923,139
1,000 to 1,999	1,924	1,471,237	864	109,198	1,888	1,362,039	2,140	2,910,035	244,445
2,000 to 4,999	2,048	2,873,193	589	142,778	2,022	2,730,415	2,181	6,585,939	548,482
5,000 to 7,499	662	1,661,086	144	73,280	652	1,587,806	683	4,074,055	338,122
7,500 or more	1,227	8,302,576	418	698,377	1,191	7,604,199	1,271	25,828,560	1,792,089
None sold	310	144,488	142	19,973	272	124,515	(X)	(X)	(X)

**Table 23. Hogs and Pigs - Inventory by Type of Producer: 2002**

[Farm counts and inventories may be included in more than one producer type. For meaning of abbreviations and symbols, see introductory text]

Herd size	Independent grower		Contractor or integrator		Contract grower (Contractee)	
	Farms	Number	Farms	Number	Farms	Number
Total inventory	7,548	8,370,801	305	2,526,138	2,801	5,374,075
Farms with-						
1 to 24	793	6,921	14	93	24	281
25 to 49	291	10,226	-	-	11	364
50 to 99	406	28,292	2	(D)	31	2,401
100 to 199	662	92,158	3	(D)	88	12,027
200 to 499	1,522	493,360	19	6,306	536	176,840
500 to 999	1,507	1,053,379	58	40,209	582	396,919
1,000 to 1,999	1,361	1,802,112	71	94,175	619	820,362
2,000 to 4,999	757	2,242,469	70	220,017	709	2,240,192
5,000 or more	249	2,641,884	68	2,164,924	201	1,724,689
5,000 to 7,499	122	728,307	18	106,045	110	649,197
7,500 or more	127	1,913,577	50	2,058,879	91	1,075,492

**Table 24. Hogs and Pigs - Number Sold by Type of Producer: 2002**

[Farm counts and inventories may be included in more than one producer type. For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Independent grower		Contractor or integrator		Contract grower (Contractee)	
	Farms	Number	Farms	Number	Farms	Number
Total hogs and pigs sold	8,166	21,698,860	316	4,810,842	3,272	17,172,292
Farms with-						
1 to 24	651	6,330	12	(D)	2	(D)
25 to 49	261	9,305	2	(D)	10	(D)
50 to 99	345	23,504	3	186	22	1,401
100 to 199	478	66,759	4	576	44	6,501
200 to 499	1,202	393,039	12	4,206	253	85,011
500 to 999	1,355	964,865	25	17,659	435	311,440
1,000 to 1,999	1,529	2,089,797	31	44,739	678	907,574
2,000 to 4,999	1,403	4,157,522	99	306,686	828	2,570,459
5,000 or more	942	13,987,739	128	4,436,615	1,000	13,289,533
5,000 to 7,499	362	2,151,853	34	206,698	323	1,930,106
7,500 or more	580	11,835,886	94	4,229,917	677	11,359,427

**Table 25. Hogs and Pigs - Inventory by Type of Operation: 2002**

[Farm counts and inventories may be included in more than one operation type. For meaning of abbreviations and symbols, see introductory text]

Herd size	Farrow to wean		Farrow to finish		Finish only		Farrow to feeder		Nursery	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	434	844,950	3,784	4,667,944	5,007	8,699,063	442	372,404	874	2,502,657
Farms with-										
1 to 24	21	175	324	2,664	328	3,121	59	634	5	32
25 to 49	11	423	161	5,663	96	3,362	26	918	-	-
50 to 99	15	1,103	235	16,636	140	9,794	45	3,108	4	278
100 to 199	33	4,624	418	58,584	226	30,103	81	11,550	17	2,480
200 to 499	54	16,606	867	283,418	944	310,292	81	26,838	106	34,334
500 to 999	85	61,774	769	537,526	1,009	697,783	49	34,332	227	153,007
1,000 to 1,999	105	142,340	620	816,023	1,038	1,385,521	51	66,742	247	320,736
2,000 to 4,999	66	203,344	259	774,614	963	2,966,263	40	119,093	186	573,081
5,000 or more	44	414,561	131	2,172,816	263	3,292,824	10	109,189	82	1,418,709
5,000 to 7,499	24	148,152	50	299,112	134	790,870	4	23,429	36	220,767
7,500 or more	20	266,409	81	1,873,704	129	2,501,954	6	85,760	46	1,197,942

**Table 26. Hogs and Pigs - Number Sold by Type of Operation: 2002**

[Farm counts and inventories may be included in more than one operation type. For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Farrow to wean		Farrow to finish		Finish only		Farrow to feeder		Nursery	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total hogs and pigs sold	466	6,539,642	3,925	8,790,735	5,836	20,819,249	451	1,543,396	938	7,710,751
Farms with-										
1 to 24	10	(D)	217	1,985	355	3,665	22	176	4	(D)
25 to 49	1	(D)	125	4,628	115	3,995	14	467	-	-
50 to 99	4	237	196	13,327	135	9,150	21	1,516	1	(D)
100 to 199	21	3,015	260	35,903	199	29,136	32	4,343	4	507
200 to 499	38	13,438	745	244,073	567	187,319	88	30,058	23	7,802
500 to 999	33	22,764	744	523,163	883	637,521	68	50,683	60	43,865
1,000 to 1,999	58	79,938	797	1,083,592	1,108	1,502,209	87	122,696	171	236,298
2,000 to 4,999	70	210,233	539	1,550,722	1,320	4,039,198	57	177,010	351	1,080,093
5,000 or more	231	6,209,919	302	5,333,342	1,154	14,407,056	62	1,156,447	324	6,342,097
5,000 to 7,499	25	152,410	118	690,647	453	2,709,889	17	99,917	109	661,738
7,500 or more	206	6,057,509	184	4,642,695	701	11,697,167	45	1,056,530	215	5,680,359



**Table 27. Poultry - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
<b>INVENTORY</b>					<b>NUMBER SOLD - Con.</b>				
Layers 20 weeks old and older	1,934	38,650,210	2,015	21,514,768	Broilers and other meat-type chickens	629	9,558,127	565	6,919,963
Farms with inventory of-					Farms by number sold-				
1 to 49	1,498	27,516	1,473	27,256	1 to 1,999	557	109,114	511	113,103
50 to 99	188	11,473	212	12,879	2,000 to 15,999	29	250,280	19	110,600
100 to 399	126	21,058	175	29,228	16,000 to 29,999	9	218,323	3	68,260
400 to 3,199	26	30,874	29	26,777	30,000 to 59,999	13	539,110	3	(D)
3,200 to 9,999	21	131,812	28	207,197	60,000 to 99,999	2	(D)	6	474,000
10,000 to 19,999	8	112,500	20	244,880	100,000 to 199,999	2	(D)	9	1,321,000
20,000 to 49,999	10	345,025	21	703,310	200,000 to 299,999	4	957,000	6	1,475,000
50,000 to 99,999	11	800,506	16	1,122,139	300,000 to 499,999	7	3,060,500	7	2,716,000
100,000 or more	46	37,169,446	41	19,141,102	500,000 or more	6	3,919,000	1	(D)
Pullets for laying flock replacement	472	7,403,989	(NA)	(NA)	500,000 to 749,999	5	(D)	1	(D)
Broilers and other meat-type chickens	661	1,730,091	708	1,023,349	750,000 or more	1	(D)	-	-
Turkeys	355	3,681,862	373	2,552,845	Turkeys	200	9,145,415	212	7,279,822
Emus	59	714	(NA)	(NA)	Farms by number sold-				
Ostriches	25	459	(NA)	(NA)	1 to 1,999	122	5,905	(NA)	(NA)
Ducks, geese, and other poultry <sup>1</sup>	934	(X)	835	(X)	2,000 to 7,999	7	33,012	(NA)	(NA)
					8,000 to 15,999	3	41,786	(NA)	(NA)
					16,000 to 29,999	13	295,581	(NA)	(NA)
					30,000 to 59,999	16	682,700	(NA)	(NA)
					60,000 to 99,999	9	718,622	(NA)	(NA)
					100,000 or more	30	7,367,809	(NA)	(NA)
<b>NUMBER SOLD</b>					Emus	17	167	(NA)	(NA)
Layers 20 weeks old and older	337	18,389,060	276	11,037,203	Ostriches	12	148	(NA)	(NA)
Pullets for laying flock replacement	174	11,785,744	58	7,498,316	Ducks, geese, and other poultry <sup>1</sup>	286	(X)	246	(X)

<sup>1</sup> 1997 data include emus and ostriches.

**Table 28. Layers and Pullets - Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Layers 20 weeks old and older	337	18,389,060	276	11,037,203	Pullets for laying flock replacement	174	11,785,744	58	7,498,316
Farms by number sold-					Farms by number sold-				
1 to 99	206	5,027	127	3,536	1 to 1,999	130	11,630	27	(D)
100 to 399	26	4,540	28	5,403	2,000 to 15,999	12	66,168	4	25,950
400 to 3,199	20	22,683	11	14,927	16,000 to 29,999	3	65,938	2	(D)
3,200 to 9,999	14	91,750	34	234,370	30,000 to 59,999	4	171,700	5	183,348
10,000 to 19,999	6	73,700	18	238,510	60,000 to 99,999	4	312,600	6	457,445
20,000 to 49,999	12	405,439	21	669,620	100,000 or more	21	11,157,708	14	6,775,912
50,000 to 99,999	16	1,153,117	19	1,405,582					
100,000 or more	37	16,632,804	18	8,465,255					

**Table 29. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Sheep and lambs inventory (see text)	3,751	249,908	4,636	272,913	Sheep and lambs inventory (see text) - Con.				
Farms with-					Ewes 1 year old or older	3,531	130,808	4,224	143,501
1 to 24	1,631	19,400	2,204	27,720	Wool production (pounds)	3,079	1,550,399	4,129	1,568,301
25 to 99	1,589	76,598	1,914	87,241	Sheep and lambs sold	2,903	257,130	4,753	326,868
100 to 299	419	65,936	406	63,032					
300 to 999	91	44,187	86	42,216					
1,000 to 2,499	16	23,827	21	31,974					
2,500 to 4,999	4	(D)	4	(D)					
5,000 or more	1	(D)	1	(D)					

**Table 30. Sheep and Lambs - Inventory, Wool Production, and Number Sold by Size of Flock: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Sheep and lambs inventory (see text)	Sheep and lambs inventory				Wool production		Sheep and lambs sold	
	Total		Ewes 1 year old or older		Farms	Pounds	Farms	Number
	Farms	Number	Farms	Number				
Total	3,751	249,908	3,531	130,808	3,001	1,536,011	2,711	242,253
Farms with inventory of-								
1 to 24	1,631	19,400	1,453	13,556	1,024	116,055	858	(D)
25 to 99	1,589	76,598	1,564	51,980	1,476	527,394	1,322	67,080
100 to 299	419	65,936	410	37,999	404	371,966	419	52,612
300 to 999	91	44,187	85	17,598	80	251,727	91	43,761
1,000 to 2,499	16	23,827	15	(D)	13	163,509	16	34,581
2,500 to 4,999	4	(D)	3	743	3	(D)	4	18,410
5,000 or more	1	(D)	1	(D)	1	(D)	1	(D)
No sheep and lambs as of Dec. 31, 2002	(X)	(X)	(X)	(X)	78	14,388	192	14,877

**Table 31. Ewes 1 Year Old or Older - Inventory, Wool Production, and Number Sold by Size of Ewe Flock: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Ewes 1 year old or older inventory (see text)	Sheep and lambs inventory				Wool production		Sheep and lambs sold	
	Total		Ewes 1 year old or older		Farms	Pounds	Farms	Number
	Farms	Number	Farms	Number				
Total	3,531	238,153	3,531	130,808	2,937	1,476,593	2,581	220,306
Farms with inventory of-								
1 to 24	1,986	41,205	1,986	22,800	1,471	268,340	1,176	25,274
25 to 99	1,285	93,329	1,285	59,102	1,224	604,470	1,145	83,108
100 to 199	193	55,686	193	24,278	183	340,221	193	62,879
200 to 499	59	35,068	59	15,883	53	194,047	59	35,821
500 to 999	6	(D)	6	(D)	5	(D)	6	(D)
1,000 to 2,499	1	(D)	1	(D)	-	-	1	(D)
2,500 to 4,999	1	(D)	1	(D)	1	(D)	1	(D)
5,000 or more	-	-	-	-	-	-	-	-
No ewes 1 year old or older as of Dec. 31, 2002	220	11,755	(X)	(X)	142	73,806	322	36,824

**Table 32. Other Animals and Animal Products - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Inventory		Number sold		Item	Inventory		Number sold	
	2002	1997	2002	1997		2002	1997	2002	1997
Colonies of bees	277	400	14	16	Goats, All - Con.				
farms					number	30,641	38,322	245	2,423
number	30,641	38,322	245	2,423	Meat and other goats				
Honey produced <sup>1</sup>	(X)	(X)	208	194	(see text)	813	827	337	308
farms					farms	9,666	6,732	7,740	3,502
pounds	(X)	(X)	2,219,477	2,514,850	number	11,482	11,200	2,775	2,511
Bison	116	(NA)	58	(NA)	Horses and ponies	77,123	68,578	10,601	10,450
farms					farms	410	839	96	128
number	2,758	(NA)	486	(NA)	number	2,074	2,514	381	512
Deer	101	(NA)	47	(NA)	Mules, burros, and donkeys				
farms					farms	305	(NA)	53	(NA)
number	2,528	(NA)	589	(NA)	number	1,889	(NA)	183	(NA)
Elk	125	(NA)	57	(NA)	Mink and their pelts				
farms					farms	14	18	14	18
number	4,592	(NA)	649	(NA)	number	51,706	37,504	79,778	69,377
Aquaculture sold (see text)	(X)	(X)	47	40	Rabbits and their pelts				
Goats, All	1,167	1,081	497	419	farms	208	455	79	123
farms					number	3,486	7,979	4,220	15,031
number	18,898	13,245	11,093	5,378	Other livestock (see text)	56	(NA)	27	(NA)
Angora goats	69	83	26	22	Other livestock products <sup>2</sup>	(X)	(NA)	64	(NA)
farms					farms				
number	708	1,250	268	382					
Mohair produced <sup>1</sup>	(X)	(X)	33	40					
farms									
pounds	(X)	(X)	8,163	7,516					
Milk goats	447	296	184	106					
farms									
number	8,524	5,263	3,085	1,494					

<sup>1</sup> 1997 data are for farms with sales.

<sup>2</sup> Data are for farms with production.

**Table 33. Specified Crops Harvested - Yield per Acre Irrigated and Nonirrigated: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acre	Farms	Acres Irrigated	Acres not Irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Corn for grain (bushels) . . . . .	32	5,827	135.8	384	80,434	149,901	143.4	52,390	11,525,230	157.7
Corn for silage or greenchop (tons, green) . . . . .	2	(D)	(D)	11	(D)	(D)	(D)	6,896	246,186	19.1
Sorghum for grain (bushels) . . . . .	-	-	-	-	-	-	-	38	2,355	60.6
Wheat for grain, All (bushels) . . . . .	1	(D)	(D)	-	-	-	-	411	(D)	(D)
Winter wheat for grain (bushels) . . . . .	1	(D)	(D)	-	-	-	-	404	(D)	(D)
Durum wheat for grain (bushels) . . . . .	-	-	-	-	-	-	-	-	-	-
Other Spring wheat for grain (bushels) . . . . .	-	-	-	-	-	-	-	7	279	33.9
Oats for grain (bushels) . . . . .	-	-	-	1	(D)	(D)	(D)	6,962	(D)	(D)
Barley for grain (bushels) . . . . .	-	-	-	-	-	-	-	152	4,166	58.0
Rice (cwt) . . . . .	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels) . . . . .	30	4,502	45.0	253	42,475	95,199	41.2	48,469	10,276,445	46.9
Peanuts for nuts (pounds) . . . . .	-	-	-	-	-	-	-	-	-	-
Dry edible beans, excluding limas (cwt) . . . . .	-	-	-	-	-	-	-	56	2,270	31.6
Cotton, All (bales) . . . . .	-	-	-	-	-	-	-	-	-	-
Upland cotton (bales) . . . . .	-	-	-	-	-	-	-	-	-	-
Pima cotton (bales) . . . . .	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds) . . . . .	-	-	-	-	-	-	-	3	8	2,357.1
Potatoes (cwt) . . . . .	11	(D)	(D)	2	(D)	(D)	(D)	104	897	231.3
Sugarbeets for sugar (tons) . . . . .	-	-	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons) . . . . .	-	-	-	-	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) . . . . .	9	338	(X)	19	1,086	1,428	(X)	33,378	1,530,175	(X)
Alfalfa hay (tons, dry) . . . . .	8	292	4.3	14	922	968	3.7	29,092	1,166,486	3.6
Small grain hay (tons, dry) . . . . .	1	(D)	(D)	2	(D)	(D)	(D)	3,081	(D)	(D)
Tame hay other than alfalfa, small grain, and wild hay (tons, dry) . . . . .	2	(D)	(D)	2	(D)	(D)	(D)	5,575	(D)	(D)
Wild hay (tons, dry) . . . . .	-	-	-	-	-	-	-	1,091	22,687	1.6
Haylage or greenchop from alfalfa or alfalfa mixtures (tons, green) . . . . .	1	(D)	(D)	1	(D)	(D)	(D)	1,796	(D)	(D)
All other haylage, grass silage, and greenchop (tons, green) . . . . .	-	-	-	-	-	-	-	505	12,653	7.2
Vegetables harvested for sale (see text) . . . . .	60	555	(X)	57	643	683	(X)	635	7,388	(X)
All land in orchards . . . . .	18	25	(X)	8	(D)	(D)	(D)	467	3,065	(X)
All berries harvested for sale . . . . .	47	102	(X)	6	14	8	(X)	115	104	(X)

**Table 34. Specified Crops by Acres Harvested: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crops	2002					1997				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land	
				Farms	Acres				Farms	Acres
<b>GRAINS AND GRAIN SILAGE</b>										
Barley for grain (bushels)	152	4,166	241,818	-	-	253	4,868	262,686	-	-
Corn for grain (bushels)	52,806	11,761,392	1,851,276,224	416	86,261	63,434	11,930,542	1,581,093,092	463	82,326
1.0 to 14.9 acres	2,676	21,876	2,871,953	-	-	3,875	30,540	3,310,356	6	24
15.0 to 24.9 acres	2,205	42,190	5,611,474	3	16	2,790	53,583	6,000,502	10	173
25.0 to 49.9 acres	5,529	200,466	29,066,798	7	160	7,086	255,368	31,443,232	15	422
50.0 to 99.9 acres	9,981	714,278	108,102,051	28	1,565	12,669	902,619	114,188,195	45	2,828
100.0 to 249.9 acres	16,414	2,646,457	408,512,043	97	8,547	20,890	3,343,506	437,505,376	103	10,217
250.0 to 499.9 acres	10,115	3,497,904	550,724,542	103	15,539	11,454	3,895,294	520,055,657	136	21,727
500.0 to 999.9 acres	4,855	3,195,030	511,708,943	116	29,542	4,054	2,596,290	352,999,750	113	29,078
1,000.0 acres or more	1,031	1,443,191	234,678,420	62	30,892	616	853,342	115,590,024	35	17,857
1,000.0 to 1,999.9 acres	917	1,131,818	184,176,358	50	20,557	567	700,029	95,173,660	30	13,348
2,000.0 to 2,999.9 acres	89	203,567	33,127,236	10	(D)	37	86,348	11,971,209	4	(D)
3,000.0 to 4,999.9 acres	22	82,681	13,086,076	2	(D)	15	(D)	(D)	1	(D)
5,000.0 acres or more	3	25,125	4,288,750	-	-	2	(D)	(D)	-	(D)
Corn for silage or greenchop (tons)	6,909	247,269	4,726,816	13	514	8,533	244,913	4,057,679	10	342
1.0 to 14.9 acres	2,348	19,887	321,478	2	(D)	3,077	25,949	406,207	2	(D)
15.0 to 24.9 acres	1,677	31,211	507,370	2	(D)	2,279	41,941	675,390	2	(D)
25.0 to 49.9 acres	1,584	52,643	891,587	4	48	1,986	65,118	1,061,290	3	100
50.0 to 99.9 acres	803	51,871	945,198	1	(D)	795	49,067	827,167	3	180
100.0 to 249.9 acres	393	53,216	1,109,305	3	150	347	44,501	760,776	-	-
250.0 to 499.9 acres	92	30,808	817,649	1	(D)	42	13,527	247,540	-	-
500.0 to 999.9 acres	12	7,633	134,229	-	-	6	(D)	(D)	-	-
1,000.0 acres or more	-	-	-	-	-	1	(D)	(D)	-	-
Oats for grain (bushels)	6,963	143,513	10,761,952	1	(D)	10,968	214,485	14,451,930	2	(D)
1.0 to 14.9 acres	3,222	28,074	2,093,161	-	-	5,133	44,284	3,008,930	1	(D)
15.0 to 24.9 acres	1,922	35,591	2,699,888	-	-	3,209	59,129	4,031,576	1	(D)
25.0 to 49.9 acres	1,346	43,694	3,308,558	-	-	1,986	63,943	4,327,486	-	-
50.0 to 99.9 acres	386	24,464	1,789,460	-	-	534	33,185	2,233,621	-	-
100.0 to 249.9 acres	84	10,340	773,535	1	(D)	101	12,558	787,163	-	-
250.0 to 499.9 acres	2	(D)	(D)	-	-	5	1,386	63,154	-	-
500.0 to 999.9 acres	1	(D)	(D)	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-	-	-
Popcorn (pounds, shelled)	157	14,168	45,994,514	11	982	197	13,075	36,602,205	9	567
1.0 to 14.9 acres	48	229	(D)	1	(D)	65	(D)	(D)	1	(D)
15.0 to 24.9 acres	10	(D)	296,199	-	-	16	319	870,160	-	-
25.0 to 49.9 acres	24	808	2,493,752	1	(D)	39	1,331	3,672,680	-	-
50.0 to 99.9 acres	28	2,035	6,882,946	3	(D)	33	2,298	6,776,495	2	(D)
100.0 to 249.9 acres	34	6,106	19,490,705	3	380	37	6,200	17,586,741	6	(D)
250.0 to 499.9 acres	11	3,377	12,174,257	3	385	6	1,999	4,747,240	-	-
500.0 acres or more	2	(D)	(D)	-	-	1	(D)	(D)	-	-
Proso millet (bushels)	3	64	3,325	-	-	4	68	1,602	-	-
Rye for grain (bushels)	116	1,771	60,484	-	-	90	1,725	57,105	3	37
Sorghum for grain (bushels)	38	2,355	142,814	-	-	54	1,299	89,844	-	-
Sorghum for silage or greenchop (tons)	90	1,868	24,993	-	-	122	1,967	23,709	-	-
Wheat for grain, All (bushels)	412	18,317	961,995	1	(D)	734	22,758	932,358	-	-
Winter wheat for grain (bushels)	405	18,038	952,550	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
1.0 to 14.9 acres	125	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
15.0 to 24.9 acres	84	1,575	76,525	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
25.0 to 49.9 acres	98	3,344	175,689	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
50.0 to 99.9 acres	56	3,620	181,166	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
100.0 to 249.9 acres	34	5,075	291,311	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
250.0 to 499.9 acres	6	2,219	102,948	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
500.0 to 999.9 acres	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 acres or more	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Other Spring wheat for grain (bushels)	7	279	9,445	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>OILSEEDS</b>										
Flaxseed (bushels)	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Soybeans for beans (bushels)	48,752	10,418,621	487,380,897	283	46,977	57,883	10,258,681	459,309,682	311	41,103
1.0 to 14.9 acres	1,742	15,160	641,983	1	(D)	2,978	25,414	1,035,143	8	59
15.0 to 24.9 acres	2,165	41,655	1,805,200	6	(D)	2,942	56,502	2,396,864	7	115
25.0 to 49.9 acres	5,656	205,277	9,185,262	11	248	7,548	272,558	11,932,903	16	425
50.0 to 99.9 acres	9,717	692,913	32,185,491	23	1,002	12,197	865,451	38,555,076	40	2,362
100.0 to 249.9 acres	15,183	2,434,323	113,900,610	60	4,719	18,663	2,987,178	133,570,997	80	7,094
250.0 to 499.9 acres	9,371	3,246,454	152,129,458	74	9,817	9,888	3,365,464	150,378,736	81	11,520
500.0 to 999.9 acres	4,140	2,706,244	127,038,865	80	18,214	3,218	2,060,146	93,204,426	63	14,343
1,000.0 acres or more	778	1,076,595	50,494,028	28	12,870	449	625,968	28,235,537	16	5,185
1,000.0 to 1,999.9 acres	700	866,862	40,377,431	24	9,935	409	504,687	22,878,937	14	(D)
2,000.0 to 2,999.9 acres	64	146,999	7,058,147	2	(D)	28	65,901	3,091,714	2	(D)
3,000.0 to 4,999.9 acres	10	33,254	1,546,407	1	(D)	10	(D)	(D)	-	-
5,000.0 acres or more	4	29,480	1,512,043	1	(D)	2	(D)	(D)	-	-
Sunflower seed, All (pounds)	6	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sunflower seed - oil varieties (pounds)	5	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sunflower seed - non-oil varieties (pounds)	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>COTTON, TOBACCO, AND SUGAR CROPS</b>										
Tobacco (pounds)	3	8	17,678	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>HAY, FORAGE, AND FIELD AND GRASS SEEDS</b>										
Field and grass seed crops, All	87	2,757	(X)	-	-	54	2,498	(X)	-	-
Alfalfa seed (pounds)	52	471	12,467	-	-	8	385	29,750	-	-

--continued

**Table 34. Specified Crops by Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crops	2002					1997				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land	
				Farms	Acres				Farms	Acres
<b>HAY, FORAGE, AND FIELD AND GRASS SEEDS - Con.</b>										
Field and grass seed crops, All - Con.										
Fescue seed (pounds) .....	3	65	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ryegrass seed (pounds) .....	3	20	4,968	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Forage - land used for all hay and all haylage, grass silage, and greenchop (tons, dry equivalent) (see text)										
1.0 to 14.9 acres .....	33,406	1,533,027	5,177,896	28	1,424	(NA)	(NA)	(NA)	(NA)	(NA)
15.0 to 24.9 acres .....	9,827	76,583	231,109	8	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
25.0 to 49.9 acres .....	5,740	107,761	347,327	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
50.0 to 99.9 acres .....	7,728	267,174	885,181	6	123	(NA)	(NA)	(NA)	(NA)	(NA)
100.0 to 249.9 acres .....	6,117	408,153	1,446,193	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
250.0 to 499.9 acres .....	3,500	486,527	1,692,826	6	483	(NA)	(NA)	(NA)	(NA)	(NA)
500.0 to 999.9 acres .....	428	138,250	440,259	5	720	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 acres or more .....	54	33,396	92,448	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 to 1,999.9 acres .....	12	15,183	42,553	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
2,000.0 to 2,999.9 acres .....	12	15,183	42,553	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
3,000.0 to 4,999.9 acres .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
5,000.0 acres or more .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hay - All hay including alfalfa, other tame, small grain, and wild (tons, dry) (see text)										
1.0 to 14.9 acres .....	33,057	1,471,257	4,792,462	26	1,352	(NA)	(NA)	(NA)	(NA)	(NA)
15.0 to 24.9 acres .....	9,831	76,900	231,010	8	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
25.0 to 49.9 acres .....	5,767	108,339	345,175	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
50.0 to 99.9 acres .....	7,782	269,090	871,807	5	93	(NA)	(NA)	(NA)	(NA)	(NA)
100.0 to 249.9 acres .....	5,966	395,930	1,346,354	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
250.0 to 499.9 acres .....	3,275	453,217	1,503,020	5	397	(NA)	(NA)	(NA)	(NA)	(NA)
500.0 to 999.9 acres .....	375	121,935	371,632	5	720	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 acres or more .....	49	30,663	80,911	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 to 1,999.9 acres .....	12	15,183	42,553	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
2,000.0 to 2,999.9 acres .....	12	15,183	42,553	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
3,000.0 to 4,999.9 acres .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
5,000.0 acres or more .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Alfalfa hay (tons, dry) .....	29,114	1,168,668	4,183,945	22	1,214	32,212	1,108,131	3,482,745	67	924
1.0 to 14.9 acres .....	8,915	70,567	226,656	8	(D)	11,029	86,729	236,423	28	194
15.0 to 24.9 acres .....	5,495	102,879	350,252	-	-	6,466	120,728	346,376	15	236
25.0 to 49.9 acres .....	6,977	239,281	845,383	5	107	7,646	260,638	807,612	13	233
50.0 to 99.9 acres .....	5,022	328,869	1,211,616	1	(D)	4,859	314,768	1,031,463	6	111
100.0 to 249.9 acres .....	2,431	327,367	1,208,192	3	295	2,055	266,961	874,116	5	150
250.0 to 499.9 acres .....	240	76,160	265,501	5	720	139	44,093	139,312	-	-
500.0 to 999.9 acres .....	29	17,232	50,630	-	-	13	7,634	24,924	-	-
1,000.0 acres or more .....	5	6,313	25,715	-	-	5	6,580	22,519	-	-
1,000.0 to 1,999.9 acres .....	5	6,313	25,715	-	-	5	6,580	22,519	-	-
2,000.0 to 2,999.9 acres .....	-	-	-	-	-	-	-	-	-	-
3,000.0 to 4,999.9 acres .....	-	-	-	-	-	-	-	-	-	-
5,000.0 acres or more .....	-	-	-	-	-	-	-	-	-	-
Small grain hay (tons, dry) .....	3,084	62,606	145,901	3	(D)	4,933	88,119	176,666	8	56
1.0 to 14.9 acres .....	1,532	12,403	27,727	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
15.0 to 24.9 acres .....	791	14,731	35,891	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
25.0 to 49.9 acres .....	554	18,003	42,441	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
50.0 to 99.9 acres .....	162	10,099	22,387	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
100.0 to 249.9 acres .....	38	5,050	14,227	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
250.0 to 499.9 acres .....	6	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
500.0 to 999.9 acres .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 acres or more .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Other tame hay (tons, dry) .....	5,579	217,296	426,591	4	(D)	8,506	272,403	515,123	17	446
1.0 to 14.9 acres .....	2,122	15,796	34,878	3	4	(NA)	(NA)	(NA)	(NA)	(NA)
15.0 to 24.9 acres .....	960	17,948	37,092	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
25.0 to 49.9 acres .....	1,209	41,108	83,498	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
50.0 to 99.9 acres .....	752	49,810	98,743	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
100.0 to 249.9 acres .....	474	65,540	127,584	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
250.0 to 499.9 acres .....	46	14,970	25,245	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
500.0 to 999.9 acres .....	14	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 acres or more .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 to 1,999.9 acres .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
2,000.0 to 2,999.9 acres .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
3,000.0 to 4,999.9 acres .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
5,000.0 acres or more .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wild hay (tons, dry) .....	1,091	22,687	36,025	-	-	1,432	30,237	46,325	-	-
1.0 to 14.9 acres .....	647	4,539	8,035	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
15.0 to 24.9 acres .....	182	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
25.0 to 49.9 acres .....	150	5,136	8,140	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
50.0 to 99.9 acres .....	75	4,694	7,096	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
100.0 to 249.9 acres .....	36	4,706	6,899	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
250.0 to 499.9 acres .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
500.0 to 999.9 acres .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 acres or more .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All haylage, grass silage, and greenchop (tons, green)										
1.0 to 14.9 acres .....	2,103	108,801	779,838	2	(D)	2,718	113,453	724,886	-	-
15.0 to 24.9 acres .....	342	(D)	(D)	-	-	611	5,055	29,743	-	-
25.0 to 49.9 acres .....	364	6,912	46,734	1	(D)	536	10,069	64,283	-	-
50.0 to 99.9 acres .....	567	19,754	138,173	-	-	722	24,508	160,307	-	-
100.0 to 249.9 acres .....	547	35,903	270,884	-	-	610	39,703	249,066	-	-
250.0 to 499.9 acres .....	255	33,964	242,568	1	(D)	225	29,075	187,016	-	-
500.0 to 999.9 acres .....	27	8,717	57,218	-	-	12	(D)	(D)	-	-
1,000.0 acres or more .....	1	(D)	(D)	-	-	2	(D)	(D)	-	-
1,000.0 to 1,999.9 acres .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
2,000.0 to 2,999.9 acres .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
3,000.0 to 4,999.9 acres .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
5,000.0 acres or more .....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

**Table 34. Specified Crops by Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crops	2002					1997				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land	
				Farms	Acres				Farms	Acres
<b>HAY, FORAGE, AND FIELD AND GRASS SEEDS - Con.</b>										
All haylage, grass silage, and greenchop (tons, green) - Con.										
Haylage or greenchop from alfalfa or alfalfa mixtures (tons, green)	1,798	96,148	688,470	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
1.0 to 14.9 acres	215	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
15.0 to 24.9 acres	304	5,758	41,635	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
25.0 to 49.9 acres	537	18,752	136,029	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
50.0 to 99.9 acres	495	32,335	240,381	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
100.0 to 249.9 acres	223	29,406	209,998	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
250.0 to 499.9 acres	23	7,401	42,430	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
500.0 to 999.9 acres	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 acres or more	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 to 1,999.9 acres	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
2,000.0 acres or more	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Other haylage, grass silage, and greenchop (tons, green)	505	12,653	91,368	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1.0 to 14.9 acres	200	1,641	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
15.0 to 24.9 acres	142	2,675	16,647	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
25.0 to 49.9 acres	103	3,548	23,574	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
50.0 to 99.9 acres	47	3,000	23,496	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
100.0 to 249.9 acres	12	(D)	13,623	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
250.0 to 499.9 acres	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
500.0 to 999.9 acres	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
1,000.0 acres or more	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>DRY EDIBLE BEANS, PEAS, AND LENTILS</b>										
Dry edible beans, excluding limas (cwt)	56	2,270	71,739	-	-	65	6,140	103,967	1	(D)
<b>OTHER SPECIFIED CROPS</b>										
Potatoes (cwt)	117	1,005	231,352	13	91	117	1,747	367,489	21	1,028
Sweet potatoes (cwt)	18	8	639	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Land in berries harvested for sale (see text)	168	228	(X)	53	116	185	(D)	(X)	49	134
Land used for vegetables (see text)	752	9,268	(X)	117	1,197	824	12,961	(X)	121	1,617
Land in orchards	493	3,141	(X)	26	(D)	490	2,851	(X)	19	118

**Table 35. Vegetables and Melons Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crop	2002				1997			
	Total harvested		Harvested for processing		Total harvested		Harvested for processing	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Vegetables harvested for sale (see text) . . . . .	752	9,435	86	3,024	824	12,998	(NA)	(NA)
Asparagus . . . . .	80	129	6	11	90	113	(NA)	(NA)
Beans, green limas . . . . .	1	(D)	-	-	1	(D)	(NA)	(NA)
Beans, snap . . . . .	176	511	15	262	134	192	(NA)	(NA)
Beets . . . . .	33	8	-	-	35	12	(NA)	(NA)
Broccoli . . . . .	35	16	-	-	28	11	(NA)	(NA)
Cabbage, head . . . . .	66	223	1	(D)	83	403	(NA)	(NA)
Cantaloups . . . . .	75	251	-	-	(NA)	(NA)	(NA)	(NA)
Carrots . . . . .	22	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Cauliflower . . . . .	6	4	-	-	11	3	(NA)	(NA)
Celery . . . . .	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Chicory . . . . .	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Collards . . . . .	5	2	-	-	3	(D)	(NA)	(NA)
Cucumbers and pickles . . . . .	79	88	1	(D)	80	84	(NA)	(NA)
Eggplant . . . . .	20	6	-	-	32	14	(NA)	(NA)
Garlic . . . . .	18	5	-	-	(NA)	(NA)	(NA)	(NA)
Herbs, fresh cut . . . . .	16	7	-	-	9	7	(NA)	(NA)
Kale . . . . .	4	(Z)	-	-	2	(D)	(NA)	(NA)
Lettuce, All . . . . .	24	6	-	-	26	4	(NA)	(NA)
Lettuce, head . . . . .	7	1	-	-	(NA)	(NA)	(NA)	(NA)
Lettuce, leaf . . . . .	17	4	-	-	(NA)	(NA)	(NA)	(NA)
Lettuce, romaine . . . . .	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Mustard greens . . . . .	3	1	-	-	6	1	(NA)	(NA)
Okra . . . . .	14	4	-	-	8	2	(NA)	(NA)
Onions, dry . . . . .	52	58	-	-	(NA)	(NA)	(NA)	(NA)
Onions, green . . . . .	27	12	-	-	22	6	(NA)	(NA)
Parsley . . . . .	3	(Z)	-	-	(NA)	(NA)	(NA)	(NA)
Peas, green (excluding southern peas) . . . . .	46	1,140	6	493	60	993	(NA)	(NA)
Peppers, Bell (see text) . . . . .	193	106	13	17	(NA)	(NA)	(NA)	(NA)
Peppers, Chile (all peppers-excluding Bell) (see text) . . . . .	104	56	4	15	(NA)	(NA)	(NA)	(NA)
Pumpkins . . . . .	263	860	21	53	218	728	(NA)	(NA)
Radishes . . . . .	20	6	-	-	27	10	(NA)	(NA)
Rhubarb . . . . .	8	5	-	-	13	3	(NA)	(NA)
Spinach . . . . .	13	5	-	-	16	8	(NA)	(NA)
Squash . . . . .	92	108	1	(D)	123	204	(NA)	(NA)
Sweet corn . . . . .	462	4,876	58	1,891	556	8,467	(NA)	(NA)
Tomatoes . . . . .	288	205	25	17	248	235	(NA)	(NA)
Turnips . . . . .	5	1	-	-	14	4	(NA)	(NA)
Turnip greens . . . . .	2	(D)	-	-	9	3	(NA)	(NA)
Vegetables, mixed . . . . .	6	23	-	-	26	160	(NA)	(NA)
Vegetables, other . . . . .	41	42	3	13	29	28	(NA)	(NA)
Watermelons . . . . .	80	372	-	-	92	349	(NA)	(NA)

**Table 36. Specified Fruits and Nuts by Acres: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Acres	Farms	Acres
Apples . . . . .	344	2,025	242	1,428	174	597
2002	443	2,301	(NA)	(NA)	(NA)	(NA)
1997						
2002 acres:						
0.1 to 0.9 acres . . . . .	115	(D)	69	22	56	(D)
1.0 to 4.9 acres . . . . .	134	261	93	158	70	103
5.0 to 14.9 acres . . . . .	67	519	55	383	31	136
15.0 to 24.9 acres . . . . .	13	242	13	194	8	48
25.0 to 49.9 acres . . . . .	7	242	7	(D)	3	(D)
50.0 to 99.9 acres . . . . .	6	355	3	(D)	6	(D)
100.0 acres or more . . . . .	2	(D)	2	(D)	-	-
Apricots . . . . .	12	4	10	(D)	2	(D)
2002	29	4	(NA)	(NA)	(NA)	(NA)
1997						
Cherries, sweet (see text) . . . . .	16	8	10	(D)	6	(D)
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997						
Cherries, tart (see text) . . . . .	20	22	17	17	6	5
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997						
Grapes . . . . .	133	154	79	55	76	100
2002	94	45	(NA)	(NA)	(NA)	(NA)
1997						
Nectarines . . . . .	3	(Z)	3	(Z)	-	-
2002	4	1	(NA)	(NA)	(NA)	(NA)
1997						
Peaches, All . . . . .	61	23	40	16	24	7
2002	105	35	(NA)	(NA)	(NA)	(NA)
1997						
Pears, All . . . . .	64	22	45	14	21	8
2002	59	15	(NA)	(NA)	(NA)	(NA)
1997						
Persimmons . . . . .	5	1	1	(D)	4	(D)
2002	4	1	(NA)	(NA)	(NA)	(NA)
1997						
Plums and prunes . . . . .	49	17	31	12	21	5
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997						
Hazelnuts (Filberts) . . . . .	3	1	-	-	3	1
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997						
Pecans . . . . .	15	15	1	(D)	15	(D)
2002	5	2	(NA)	(NA)	(NA)	(NA)
1997						
Walnuts, English . . . . .	26	122	12	56	18	67
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997						
Other fruit and nuts . . . . .	52	722	27	158	38	565
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997						

**Table 37. Berries Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crop	2002		1997	
	Farms	Acres	Farms	Acres
Blackberries . . . . .	18	11	14	4
Blueberries, tame . . . . .	11	11	5	3
Raspberries, all . . . . .	79	38	84	43
Strawberries . . . . .	115	167	137	219
Other berries . . . . .	6	2	(NA)	(NA)



**Table 38. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crops	Under glass or other protection		In the open		
	Farms	Square feet	Farms	Acres	
Nursery, greenhouse, floriculture, aquatic plants, mushrooms, flower seeds, vegetable seeds, and sod harvested, total (see text) . . . . .	2002 1997	281 (NA)	5,626,896 (NA)	350 (NA)	8,784 (NA)
Floriculture crops - bedding/garden plants, cut flowers and cut florist greens, foliage plants, and potted flowering plants, total . . . . .	2002 1997	241 242	5,043,738 6,995,175	112 103	319 144
Bedding/garden plants . . . . .	2002 1997	221 228	3,838,850 4,395,557	66 71	223 81
Cut flowers and cut florist greens . . . . .	2002 1997	8 11	14,649 32,164	43 27	79 40
Foliage plants . . . . .	2002 1997	26 24	122,888 340,294	3 11	(D) 13
Potted flowering plants . . . . .	2002 1997	76 72	1,067,351 2,227,160	18 14	(D) 10
Aquatic plants . . . . .	2002 1997	6 (NA)	26,765 (NA)	2 (NA)	(D) (NA)
Bulbs, corms, rhizomes, and tubers-dry . . . . .	2002 1997	5 (NA)	(D) (NA)	6 (NA)	3 (NA)
Flower seeds . . . . .	2002 1997	4 (NA)	7,957 (NA)	13 (NA)	(D) (NA)
Greenhouse vegetables . . . . .	2002 1997	41 (NA)	(D) (NA)	(X) (X)	(X) (X)
2002 farms by area:					
1 to 999 square feet . . . . .		10	3,027	(X)	(X)
1,000 or more square feet . . . . .		31	(D)	(X)	(X)
1,000 to 1,999 square feet . . . . .		7	(D)	(X)	(X)
2,000 to 2,999 square feet . . . . .		6	14,589	(X)	(X)
3,000 to 3,999 square feet . . . . .		5	16,860	(X)	(X)
4,000 or more square feet . . . . .		13	212,928	(X)	(X)
Mushrooms . . . . .	2002 1997	3 (NA)	(D) (NA)	(X) (X)	(X) (X)
Nursery stock (see text) . . . . .	2002 1997	17 13	144,585 253,682	193 191	2,509 2,311
Sod harvested . . . . .	2002 1997	(X) (X)	(X) (X)	33 (NA)	4,836 (NA)
2002 farms by area:					
0 to 1.9 acres . . . . .		(X)	(X)	1	(D)
2.0 to 14.9 acres . . . . .		(X)	(X)	9	91
15.0 to 29.9 acres . . . . .		(X)	(X)	3	(D)
30.0 to 49.9 acres . . . . .		(X)	(X)	7	231
50.0 to 74.9 acres . . . . .		(X)	(X)	2	(D)
75.0 to 99.9 acres . . . . .		(X)	(X)	-	-
100 acres or more . . . . .		(X)	(X)	11	4,340
Vegetable seeds . . . . .	2002 1997	8 (NA)	22,668 (NA)	17 (NA)	85 (NA)
Other nursery and greenhouse crops . . . . .	2002 1997	6 (NA)	9,502 (NA)	10 (NA)	51 (NA)

**Table 39. Woodland Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Acres in production		Harvested		
	Farms	Acres	Farms	Trees cut	
Cut Christmas trees (see text) . . . . .	2002 1997	271 (NA)	2,578 (NA)	185 (NA)	57,254 (NA)
2002 farms by acres in production:					
1 to 2 acres . . . . .		79	114	47	4,027
3 to 4 acres . . . . .		42	143	33	3,218
5 to 9 acres . . . . .		83	515	53	12,715
10 to 19 acres . . . . .		30	363	22	11,406
20 to 49 acres . . . . .		28	855	23	17,438
50 acres or more . . . . .		9	588	7	8,450
Short-rotation woody crops (see text) . . . . .	2002 1997	112 (NA)	1,004 (NA)	42 (NA)	236 (NA)
Maple syrup (see text) . . . . .	2002 1997	56 11	5,348 5,202	56 (NA)	1,077 (NA)

**Table 40. Grain Storage Capacity: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Grain Storage Capacity	2002		1997	
	Farms	Bushels	Farms	Bushels
Grain storage capacity (see text) .....	43,720	1,518,789,638	(NA)	(NA)
Average capacity per farm .....	(X)	34,739	(NA)	(NA)
Capacity by bushels:				
1 to 4,999 bushels .....	4,671	11,967,828	(NA)	(NA)
5,000 to 9,999 bushels .....	5,895	41,071,236	(NA)	(NA)
10,000 to 19,999 bushels .....	9,951	136,354,572	(NA)	(NA)
20,000 to 29,999 bushels .....	6,557	153,730,769	(NA)	(NA)
30,000 to 49,999 bushels .....	7,241	269,220,310	(NA)	(NA)
50,000 to 99,999 bushels .....	6,545	435,405,824	(NA)	(NA)
100,000 bushels or more .....	2,860	471,039,099	(NA)	(NA)
100,000 to 249,999 bushels .....	2,543	343,966,692	(NA)	(NA)
250,000 bushels or more .....	317	127,072,407	(NA)	(NA)
Capacity by land in farms:				
1 to 9 acres .....	372	3,806,774	(NA)	(NA)
10 to 49 acres .....	1,591	18,289,213	(NA)	(NA)
50 to 69 acres .....	636	6,211,505	(NA)	(NA)
70 to 99 acres .....	1,653	16,318,324	(NA)	(NA)
100 to 139 acres .....	2,100	25,609,395	(NA)	(NA)
140 to 179 acres .....	3,438	41,950,492	(NA)	(NA)
180 to 219 acres .....	2,356	34,355,393	(NA)	(NA)
220 to 259 acres .....	2,673	40,961,394	(NA)	(NA)
260 to 499 acres .....	11,155	254,122,578	(NA)	(NA)
500 to 999 acres .....	11,056	460,821,442	(NA)	(NA)
1,000 to 1,999 acres .....	5,525	426,602,212	(NA)	(NA)
2,000 acres or more .....	1,165	189,740,916	(NA)	(NA)
2,000 to 4,999 acres .....	1,107	162,096,943	(NA)	(NA)
5,000 acres or more .....	58	27,643,973	(NA)	(NA)
Capacity by harvested cropland:				
0 to 9 acres .....	2,602	41,151,654	(NA)	(NA)
10 to 49 acres .....	2,250	18,482,429	(NA)	(NA)
50 to 69 acres .....	1,213	9,995,843	(NA)	(NA)
70 to 99 acres .....	2,007	20,043,590	(NA)	(NA)
100 to 139 acres .....	2,908	33,005,052	(NA)	(NA)
140 to 179 acres .....	3,279	46,611,967	(NA)	(NA)
180 to 219 acres .....	2,597	42,662,028	(NA)	(NA)
220 to 259 acres .....	2,419	46,569,824	(NA)	(NA)
260 to 499 acres .....	10,114	274,492,825	(NA)	(NA)
500 to 999 acres .....	9,336	455,277,229	(NA)	(NA)
1,000 to 1,999 acres .....	4,190	373,275,931	(NA)	(NA)
2,000 acres or more .....	805	157,221,266	(NA)	(NA)
2,000 to 4,999 acres .....	767	136,195,293	(NA)	(NA)
5,000 acres or more .....	38	21,025,973	(NA)	(NA)
Capacity by North American Industry Classification System (NAICS):				
Crop production (111) .....	30,738	1,172,582,316	(NA)	(NA)
Animal production (112) .....	12,982	346,207,322	(NA)	(NA)

**Table 41. Farms by Concentration of Market Value of Agricultural Products Sold: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms	Fewest number of farms accounting for-			
		10 percent of sales	25 percent of sales	50 percent of sales	75 percent of sales
Farms	90,655	122	1,101	5,585	15,983
Land in farms	31,729,490	184,554	1,461,363	6,930,807	15,889,116
Average size of farm	350	1,513	1,327	1,241	994
Estimated market value of land and buildings	90,648	122	1,103	5,671	16,108
Average per farm	\$1,000 64,154,298	\$1,000 511,079	\$1,000 3,611,596	\$1,000 15,546,590	\$1,000 34,270,021
Average per acre	707,730	4,189,173	3,274,339	2,741,420	2,127,516
Average per acre	2,005	2,769	2,476	2,206	2,119
Estimated market value of all machinery and equipment <sup>1</sup>	\$1,000 8,923,379	\$1,000 102,596	\$1,000 516,566	\$1,000 2,190,039	\$1,000 4,552,381
percent	100.0	1.1	5.8	24.5	51.0
Land in farms according to use:					
Total cropland	27,153,291	151,227	1,327,679	6,406,909	14,614,004
Harvested cropland	23,994,343	144,308	1,284,561	6,195,941	14,025,546
Pastureland, excluding woodland pastured	3,090,582	6,834	70,702	335,858	886,757
Market value of agricultural products sold (see text)	\$1,000 12,273,634	\$1,000 1,229,391	\$1,000 3,069,151	\$1,000 6,137,160	\$1,000 9,205,373
Average per farm	135,388	10,076,972	2,787,603	1,098,865	575,948
Grains, oilseeds, dry beans, and dry peas	55,294	51	800	4,813	14,562
Tobacco	\$1,000 5,858,528	\$1,000 69,382	\$1,000 368,626	\$1,000 1,702,215	\$1,000 3,723,178
Cotton and cottonseed	29	-	-	-	(D)
Vegetables, melons, potatoes, and sweet potatoes	757	2	11	52	133
Fruits, tree nuts, and berries	\$1,000 19,491	\$1,000 (D)	\$1,000 2,687	\$1,000 7,681	\$1,000 11,856
Nursery, greenhouse, floriculture, and sod (see text)	412	-	-	9	23
Cut Christmas trees and short-rotation woody crops	\$1,000 4,496	\$1,000 -	\$1,000 -	\$1,000 138	\$1,000 819
Other crops and hay (see text)	554	2	15	37	90
Cattle and calves	\$1,000 77,610	\$1,000 (D)	\$1,000 40,318	\$1,000 53,984	\$1,000 64,479
Milk and other dairy products from cows	215	1	1	6	13
Hogs and pigs	\$1,000 1,424	\$1,000 (D)	\$1,000 (D)	\$1,000 (D)	\$1,000 (D)
Sheep, goats, and their products	12,703	12	102	682	2,236
Horses, ponies, mules, burros, and donkeys	\$1,000 109,695	\$1,000 390	\$1,000 3,182	\$1,000 14,228	\$1,000 37,191
Poultry and eggs	29,515	49	533	2,520	6,975
Aquaculture (see text)	\$1,000 2,119,935	\$1,000 254,973	\$1,000 762,542	\$1,000 1,272,234	\$1,000 1,654,400
Other animals and other animal products (see text)	2,913	7	55	291	977
Value of certified organically produced commodities (see text)	\$1,000 442,431	\$1,000 (D)	\$1,000 100,634	\$1,000 198,379	\$1,000 318,602
Value of agricultural products received by landlords (see text)	11,275	61	697	3,129	6,378
Total farm production expenses <sup>1</sup>	\$1,000 3,078,455	\$1,000 509,300	\$1,000 1,328,504	\$1,000 2,379,373	\$1,000 2,867,918
Selected farm production expenses <sup>1</sup> :	3,842	4	19	126	417
Fertilizer, lime, and soil conditioners	\$1,000 23,366	\$1,000 10	\$1,000 (D)	\$1,000 5,799	\$1,000 10,171
Chemicals	2,845	2	11	62	181
Livestock and poultry purchased	\$1,000 13,643	\$1,000 (D)	\$1,000 53	\$1,000 1,013	\$1,000 1,981
Feed purchased	1,572	26	95	181	297
Gasoline, fuels, and oils	\$1,000 511,949	\$1,000 340,087	\$1,000 461,564	\$1,000 497,966	\$1,000 506,738
Utilities (see text)	47	-	-	2	9
Hired farm labor	\$1,000 2,308	\$1,000 -	\$1,000 (D)	\$1,000 (D)	\$1,000 1,662
Interest expense	563	-	2	15	42
Government payments	\$1,000 10,276	\$1,000 -	\$1,000 (D)	\$1,000 4,103	\$1,000 6,148
Inventory of selected livestock:	402	-	-	7	39
Cattle and calves	\$1,000 13,333	\$1,000 -	\$1,000 -	\$1,000 2,031	\$1,000 4,822
Milk cows	10,707	5	148	965	3,958
Hogs and pigs	\$1,000 519,739	\$1,000 (D)	\$1,000 30,960	\$1,000 119,242	\$1,000 335,178
Total farm production expenses <sup>1</sup>	90,648	122	1,103	5,671	16,108
Selected farm production expenses <sup>1</sup> :	\$1,000 10,303,448	\$1,000 983,561	\$1,000 2,565,192	\$1,000 5,075,118	\$1,000 7,475,766
Fertilizer, lime, and soil conditioners	61,514	74	881	5,088	15,160
Chemicals	\$1,000 665,890	\$1,000 3,843	\$1,000 34,167	\$1,000 168,417	\$1,000 390,012
Livestock and poultry purchased	54,776	64	646	3,016	11,600
Feed purchased	\$1,000 464,509	\$1,000 2,685	\$1,000 24,153	\$1,000 94,045	\$1,000 261,050
Gasoline, fuels, and oils	25,756	109	973	4,138	9,320
Utilities (see text)	\$1,000 1,854,227	\$1,000 290,889	\$1,000 842,134	\$1,000 1,435,878	\$1,000 1,705,509
Hired farm labor	41,037	116	1,024	4,543	11,213
Interest expense	\$1,000 1,922,817	\$1,000 432,579	\$1,000 915,521	\$1,000 1,433,843	\$1,000 1,704,910
Government payments	87,485	121	1,096	5,657	16,090
Inventory of selected livestock:	\$1,000 348,189	\$1,000 11,934	\$1,000 42,199	\$1,000 121,942	\$1,000 209,003
Cattle and calves	62,217	118	1,086	5,510	15,437
Milk cows	\$1,000 215,675	\$1,000 18,309	\$1,000 41,899	\$1,000 90,831	\$1,000 136,552
Hogs and pigs	28,135	120	971	4,497	10,988
Interest expense	\$1,000 409,190	\$1,000 77,482	\$1,000 156,529	\$1,000 270,913	\$1,000 350,705
Government payments	49,156	117	1,018	5,082	14,028
Inventory of selected livestock:	\$1,000 704,077	\$1,000 22,999	\$1,000 86,479	\$1,000 246,209	\$1,000 436,972
Cattle and calves	63,074	55	730	4,292	12,963
Milk cows	\$1,000 538,896	\$1,000 2,063	\$1,000 22,363	\$1,000 109,520	\$1,000 246,152
Hogs and pigs	32,169	51	533	2,581	7,106
Interest expense	\$1,000 3,535,945	\$1,000 146,037	\$1,000 574,423	\$1,000 1,245,470	\$1,000 2,005,666
Government payments	3,034	7	54	285	952
Inventory of selected livestock:	206,965	16,676	38,916	80,561	136,343
Cattle and calves	\$1,000 10,205	\$1,000 57	\$1,000 671	\$1,000 2,968	\$1,000 5,879
Milk cows	15,486,531	2,434,680	6,022,272	11,261,534	13,949,121

<sup>1</sup> Data are based on a sample of farms.

**Table 42. Commodities Raised and Delivered Under Production Contracts: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Commodity	2002		1997	
	Farms	Number	Farms	Number
Broilers and other meat-type chickens	58	9,233,613	(NA)	(NA)
Eggs, chicken (dozens)	50	66,261,343	(NA)	(NA)
Pullets for laying flock replacement	21	2,829,862	(NA)	(NA)
Turkeys	20	1,568,460	(NA)	(NA)
Custom fed cattle	505	326,880	(NA)	(NA)
Hogs and pigs	3,272	16,468,777	(NA)	(NA)
Other livestock, poultry, or aquaculture	14	(X)	(NA)	(NA)
Grains and oilseeds	859	(X)	(NA)	(NA)
Vegetables, melons, potatoes, and sweet potatoes	5	(X)	(NA)	(NA)
Other crops (see text)	10	(X)	(NA)	(NA)
Value of commodities (see text) (\$1,000)	4,579	1,602,531	(NA)	(NA)
Payments received (see text) (\$1,000)	4,579	294,705	(NA)	(NA)

**Table 43. Value of Land and Buildings: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Value of land and buildings	2002		1997	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Estimated market value of land and buildings	90,648	(X)	96,697	(X)
Average per farm	(X)	64,154,298	(X)	54,119,166
Average per acre	(X)	707,730	(X)	559,678
Farms by value group:				
\$1 to \$49,999	9,531	251,865	(NA)	(NA)
\$50,000 to \$99,999	9,784	706,803	(NA)	(NA)
\$100,000 to \$199,999	14,535	2,061,542	(NA)	(NA)
\$200,000 to \$499,999	22,282	7,197,914	24,864	8,022,772
\$500,000 to \$999,999	14,637	10,308,440	17,371	12,364,152
\$1,000,000 to \$1,999,999	11,607	16,189,948	11,615	15,716,865
\$2,000,000 to \$4,999,999	7,413	21,403,133	4,227	11,749,647
\$5,000,000 to \$9,999,999	793	5,068,953	(NA)	(NA)
\$10,000,000 or more	66	965,700	(NA)	(NA)

**Table 44. Value of Machinery and Equipment on Operation: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Value of machinery and equipment	2002		1997	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Estimated market value of machinery and equipment	88,859	8,923,379	96,655	7,694,453
Average per farm <sup>1</sup>	(X)	100,422	(X)	79,607
By value group:				
\$1 to \$4,999	12,931	27,253	6,484	18,662
\$5,000 to \$9,999	7,986	55,742	9,249	61,987
\$10,000 to \$19,999	9,377	128,394	14,528	192,054
\$20,000 to \$29,999	7,835	182,681	10,230	233,677
\$30,000 to \$49,999	9,920	372,860	12,044	443,662
\$50,000 to \$69,999	7,190	410,181	9,003	502,857
\$70,000 to \$99,999	6,898	567,527	8,315	676,628
\$100,000 to \$199,999	12,846	1,761,489	15,703	2,077,675
\$200,000 to \$499,999	11,024	3,175,362	9,977	2,755,966
\$500,000 to \$999,999	2,420	1,577,818	1,041	617,418
\$1,000,000 or more	432	664,073	81	113,866

<sup>1</sup> Data are in whole dollars.

**Table 45. Selected Machinery and Equipment on Operation: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Selected machinery and equipment	2002						1997			
	Total		Manufactured 1998 to 2002		Manufactured prior to 1998		Total		Manufactured 1993 to 1997	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Tractors .....	83,313	266,070	10,464	15,881	80,693	250,189	90,063	267,556	11,477	17,183
2 or 3 .....	32,722	81,086	2,623	5,741	33,050	81,616	40,567	100,967	2,895	6,416
4 or more .....	30,429	164,822	546	2,845	27,774	148,704	28,284	145,377	495	2,680
Less than 40 horsepower (PTO) .....	37,582	58,562	2,510	2,877	35,526	55,685	40,591	63,530	2,506	2,884
40 to 99 horsepower (PTO) .....	60,593	106,497	2,558	3,118	59,045	103,379	66,970	113,867	3,744	4,466
100 horsepower (PTO) or more .....	49,844	101,011	6,777	9,886	47,796	91,125	51,763	90,159	7,449	9,833
Grain and bean combines (see text) .....	41,026	44,901	5,548	5,789	35,853	39,112	44,377	48,235	6,142	6,291
Cotton pickers and strippers .....	-	-	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) .....	2,773	2,912	282	292	2,494	2,620	(NA)	(NA)	(NA)	(NA)
Hay balers .....	27,147	31,293	1,842	1,886	25,667	29,407	29,761	35,669	2,773	2,916

**Table 46. Fertilizers and Chemicals: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	2002	1997	Item	2002	1997
Any fertilizer, manure, or chemicals used <sup>1</sup> .....	68,249	75,133	Any fertilizer, manure, or chemicals used <sup>1</sup> - Con.		
Commercial fertilizer, lime, and soil conditioners <sup>2</sup> .....	61,514	67,656	Chemicals - Con.		
acres treated	16,295,095	15,153,429	Acres treated to control- Con.		
purchased, \$1,000	665,890	665,146	Weeds, grass, or brush .....	46,334	55,600
Manure .....	26,512	(NA)	acres	16,716,673	17,526,559
acres treated	2,333,984	(NA)	Nematodes .....	1,782	1,440
Chemicals .....	54,776	66,869	acres	292,947	180,135
purchased, \$1,000	464,509	546,735	Diseases in crops and orchards .....	834	1,186
Acres treated to control- Insects <sup>3</sup> .....	20,331	25,613	acres	113,930	137,737
acres	3,714,004	3,372,025	Chemicals used to control growth, thin fruit, or defoliate .....	190	48
			acres on which used	3,196	1,850

<sup>1</sup> Data for 1997 exclude lime and manure.

<sup>2</sup> Expense data for 1997 exclude lime.

<sup>3</sup> Data for 1997 include treatment of crops, including hay, but not other land.

**Table 47. Selected Farm Characteristics by Race of Principal Operator: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Principal operator reporting-					
	One race					More than one race
	White	Black or African American	American Indian or Alaska Native	Native Hawaiian or Other Pacific Islander	Asian	
<b>FARMS AND LAND IN FARMS</b>						
Farms . . . . . number	90,472	31	61	2	25	64
Land in farms . . . . . acres	31,696,609	6,140	(D)	(D)	2,042	(D)
<b>FARMS BY SIZE</b>						
1 to 9 acres . . . . .	4,792	1	8	1	3	6
10 to 49 acres . . . . .	16,224	8	13	1	8	24
50 to 179 acres . . . . .	24,192	9	22	-	11	16
180 to 499 acres . . . . .	24,684	10	8	-	2	15
500 acres or more . . . . .	20,580	3	10	-	1	3
<b>OWNED AND RENTED LAND IN FARMS</b>						
Owned land in farms . . . . . farms	79,984	26	61	2	24	57
acres	15,624,623	4,207	(D)	(D)	(D)	(D)
Rented or leased land in farms . . . . . farms	40,728	11	10	-	2	15
acres	16,071,986	1,933	(D)	-	(D)	(D)
<b>TENURE</b>						
Full owners . . . . . farms	49,744	20	51	2	23	49
acres	8,610,197	3,224	7,965	(D)	(D)	(D)
Part owners . . . . . farms	30,240	6	10	-	1	8
acres	19,247,002	(D)	(D)	-	(D)	4,125
Tenants . . . . . farms	10,488	5	-	-	1	7
acres	3,839,410	(D)	-	-	(D)	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total . . . . . farms	90,472	31	61	2	25	64
\$1,000	12,804,381	1,832	3,156	(D)	(D)	2,461
Market value of agricultural products sold . . . . . farms	90,472	31	61	2	25	64
\$1,000	12,266,026	(D)	2,925	(D)	(D)	2,298
Crops . . . . . farms	60,214	18	25	1	17	28
\$1,000	6,066,761	(D)	2,062	(D)	(D)	1,461
Livestock, poultry, and their products . . . . . farms	40,745	13	32	1	9	29
\$1,000	6,199,265	953	863	(D)	(D)	837
Government payments . . . . . farms	62,967	18	41	-	14	34
\$1,000	538,355	(D)	232	-	(D)	163
<b>FARMS BY ECONOMIC CLASS (SEE TEXT)</b>						
Less than \$1,000 . . . . .	5,219	5	15	1	-	10
\$1,000 to \$2,499 . . . . .	8,568	2	10	-	4	10
\$2,500 to \$4,999 . . . . .	6,888	-	5	1	3	9
\$5,000 to \$9,999 . . . . .	7,658	2	8	-	11	13
\$10,000 to \$24,999 . . . . .	11,545	9	6	-	2	6
\$25,000 to \$49,999 . . . . .	10,403	4	4	-	1	5
\$50,000 or more . . . . .	40,191	9	13	-	4	11
<b>COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS</b>						
CCC loans . . . . . farms	17,016	2	2	-	1	4
\$1,000	709,365	(D)	(D)	-	(D)	88
Conservation Reserve and Wetlands Reserve Programs (CRP and WRP) . . . . . farms	30,383	8	27	-	10	26
\$1,000	150,131	57	101	-	47	109
Other Federal farm program payments . . . . . farms	44,959	11	22	-	5	12
\$1,000	388,224	(D)	131	-	(D)	54
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)</b>						
Oilseed and grain farming (1111) . . . . .	42,469	9	11	-	6	14
Vegetable and melon farming (1112) . . . . .	311	2	-	1	3	-
Fruit and tree nut farming (1113) . . . . .	278	-	3	-	1	2
Greenhouse, nursery, and floriculture production (1114) . . . . .	577	-	1	-	-	2
Other crop farming (1119) . . . . .	18,840	5	17	-	8	21
Tobacco farming (11191) . . . . .	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) . . . . .	18,840	5	17	-	8	21
Beef cattle ranching and farming (11211) . . . . .	10,036	9	7	-	3	10
Cattle feedlots (11212) . . . . .	4,249	-	7	-	-	3
Dairy cattle and milk production (11212) . . . . .	2,306	-	-	-	-	-
Hog and pig farming (1122) . . . . .	5,732	4	2	-	3	1
Poultry and egg production (1123) . . . . .	440	-	2	-	-	-
Sheep and goat farming (1124) . . . . .	1,089	-	6	1	-	2
Animal aquaculture and other animal production (1125, 1129) . . . . .	4,145	2	5	-	1	9
<b>OTHER FARM CHARACTERISTICS</b>						
Farms by-						
Type of organization:						
Family or individual . . . . .	78,540	25	53	2	22	57
Partnerships . . . . .	5,776	2	8	-	3	3
Corporations . . . . .	5,275	4	-	-	-	-
Other - cooperative, estate or trust, institutional, etc . . . . .	881	-	-	-	-	4

--continued

**Table 47. Selected Farm Characteristics by Race of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Principal operator reporting-					More than one race
	One race					
	White	Black or African American	American Indian or Alaska Native	Native Hawaiian or Other Pacific Islander	Asian	
<b>OTHER FARM CHARACTERISTICS - Con.</b>						
Farms by- Con.						
Number of operators:						
1 operator	60,346	18	23	-	16	36
2 operators	25,764	13	31	2	9	22
3 operators	3,164	-	5	-	-	6
4 operators	833	-	-	-	-	-
5 or more operators	365	-	2	-	-	-
Number of women operators:						
1 woman operator	25,629	14	29	2	10	30
2 women operators	943	-	3	-	-	-
3 women operators	133	-	-	-	-	-
4 women operators	14	-	-	-	-	-
5 or more women operators	15	-	-	-	-	-
Farms reporting-						
Computers for farm business	41,639	17	28	1	8	29
Internet access	48,758	20	33	1	11	34
Principal operator is a hired manager	2,503	1	2	-	-	5
acres	1,269,428	(D)	(D)	-	-	(D)
Farms by number of households sharing in net income of farm:						
1 household	67,079	25	46	2	19	48
2 households	15,019	1	8	-	6	9
3 households	3,391	2	3	-	-	-
4 households	1,361	2	2	-	-	-
5 or more households	1,119	-	-	-	-	2
Farms by share of principal operator's total household income from farming:						
Less than 25 percent	39,324	19	45	1	19	38
25 to 49 percent	12,293	4	4	-	1	2
50 to 74 percent	16,266	1	5	1	3	11
75 to 99 percent	11,078	4	5	-	2	7
100 percent	11,511	3	2	-	-	6

**Table 48. Women Principal Operators - Selected Farm Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Principal operator		Characteristics	Principal operator	
	2002	1997		2002	1997
<b>FARMS AND LAND IN FARMS</b>			<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.</b>		
Farms . . . . . number	6,204	5,101	Fruit and tree nut farming (1113) . . . . .	38	18
Land in farms . . . . . acres	982,253	875,084	Greenhouse, nursery, and floriculture production (1114) . . . . .	91	80
<b>FARMS BY SIZE</b>			Other crop farming (1119) . . . . .	2,800	316
1 to 9 acres . . . . .	524	431	Tobacco farming (11191) . . . . .	-	-
10 to 49 acres . . . . .	1,906	1,085	Cotton farming (11192) . . . . .	-	-
50 to 179 acres . . . . .	2,218	(NA)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) . . . . .	2,800	316
180 to 499 acres . . . . .	1,182	(NA)	Beef cattle ranching and farming (11211) . . . . .	582	771
500 acres or more . . . . .	374	349	Cattle feedlots (112112) . . . . .	127	141
<b>OWNED AND RENTED LAND IN FARMS</b>			Dairy cattle and milk production (11212) . . . . .	78	63
Owned land in farms . . . . . farms	5,889	4,723	Hog and pig farming (1122) . . . . .	137	228
acres	762,115	667,623	Poultry and egg production (1123) . . . . .	28	40
Rented or leased land in farms . . . . . farms	902	947	Sheep and goat farming (1124) . . . . .	133	111
acres	220,138	207,461	Animal aquaculture and other animal production (1125, 1129) . . . . .	584	385
<b>TENURE</b>			<b>OTHER FARM CHARACTERISTICS</b>		
Full owners . . . . . farms	5,302	4,154	Farms by-		
acres	638,791	547,975	Type of organization:		
Part owners . . . . . farms	587	569	Family or individual . . . . .	5,437	4,208
acres	269,927	254,317	Partnerships . . . . .	342	524
Tenants . . . . . farms	315	378	Corporations . . . . .	236	(NA)
acres	73,535	72,792	Other - cooperative, estate or trust, institutional, etc . . . . .	189	115
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>			Number of operators:		
Total . . . . . farms	6,204	(NA)	1 operator . . . . .	4,085	(NA)
\$1,000	240,347	(NA)	2 operators . . . . .	1,749	(NA)
Market value of agricultural products sold . . . . . farms	6,204	5,101	3 operators . . . . .	265	(NA)
\$1,000	213,881	236,501	4 operators . . . . .	65	(NA)
Crops . . . . . farms	2,234	2,376	5 or more operators . . . . .	40	(NA)
\$1,000	119,600	112,378	Number of women operators:		
Livestock, poultry, and their products . . . . . farms	1,715	2,091	1 woman operator . . . . .	5,831	(NA)
\$1,000	94,281	124,122	2 women operators . . . . .	319	(NA)
Government payments . . . . . farms	4,308	(NA)	3 women operators . . . . .	44	(NA)
\$1,000	26,467	(NA)	4 women operators . . . . .	4	(NA)
<b>FARMS BY ECONOMIC CLASS (SEE TEXT)</b>			5 or more women operators . . . . .	6	(NA)
Less than \$1,000 . . . . .	708	(NA)	Farms reporting-		
\$1,000 to \$2,499 . . . . .	1,084	(NA)	Computers for farm business . . . . .	2,122	(NA)
\$2,500 to \$4,999 . . . . .	953	(NA)	Internet access . . . . .	2,681	(NA)
\$5,000 to \$9,999 . . . . .	941	(NA)	Principal operator is a hired manager . . . . . farms		
\$10,000 to \$24,999 . . . . .	1,060	(NA)	acres	120	(NA)
\$25,000 to \$49,999 . . . . .	571	(NA)		27,886	(NA)
\$50,000 or more . . . . .	887	(NA)	Farms by number of households sharing in net income of farm:		
<b>COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS</b>			1 household . . . . .	4,845	(NA)
CCC loans . . . . . farms	367	254	2 households . . . . .	827	(NA)
\$1,000	9,298	6,739	3 households . . . . .	240	(NA)
Conservation Reserve and Wetlands Reserve Programs (CRP and WRP) . . . . . farms	3,135	(NA)	4 households . . . . .	94	(NA)
\$1,000	17,140	(NA)	5 or more households . . . . .	78	(NA)
Other Federal farm program payments . . . . . farms	1,809	(NA)	Farms by share of principal operator's total household income from farming:		
\$1,000	9,327	(NA)	Less than 25 percent . . . . .	3,150	(NA)
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)</b>			25 to 49 percent . . . . .	994	(NA)
Oilseed and grain farming (1111) . . . . .	1,558	2,921	50 to 74 percent . . . . .	1,068	(NA)
Vegetable and melon farming (1112) . . . . .	48	27	75 to 99 percent . . . . .	494	(NA)
			100 percent . . . . .	378	(NA)



**Table 49. Spanish, Hispanic, or Latino Origin Principal Operators - Selected Farm Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Principal operator		Characteristics	Principal operator	
	2002	1997		2002	1997
<b>FARMS AND LAND IN FARMS</b>			<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.</b>		
Farms . . . . . number	380	362	Fruit and tree nut farming (1113) . . . . .	1	-
Land in farms . . . . . acres	142,018	129,233	Greenhouse, nursery, and floriculture production (1114) . . . . .	-	4
<b>FARMS BY SIZE</b>			Other crop farming (1119) . . . . .	71	14
1 to 9 acres . . . . .	16	12	Tobacco farming (11191) . . . . .	-	-
10 to 49 acres . . . . .	71	49	Cotton farming (11192) . . . . .	-	-
50 to 179 acres . . . . .	85	(NA)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) . . . . .	71	14
180 to 499 acres . . . . .	129	(NA)	Beef cattle ranching and farming (112111) . . . . .	44	53
500 acres or more . . . . .	79	85	Cattle feedlots (112112) . . . . .	17	18
<b>OWNED AND RENTED LAND IN FARMS</b>			Dairy cattle and milk production (11212) . . . . .	7	7
Owned land in farms . . . . . farms	343	303	Hog and pig farming (1122) . . . . .	19	33
acres	78,256	58,439	Poultry and egg production (1123) . . . . .	4	4
Rented or leased land in farms . . . . . farms	159	207	Sheep and goat farming (1124) . . . . .	8	1
acres	63,762	70,794	Animal aquaculture and other animal production (1125, 1129) . . . . .	17	14
<b>TENURE</b>			<b>OTHER FARM CHARACTERISTICS</b>		
Full owners . . . . . farms	221	155	Farms by-		
acres	44,126	25,567	Type of organization:		
Part owners . . . . . farms	122	148	Family or individual . . . . .	337	301
acres	80,988	82,809	Partnerships . . . . .	28	36
Tenants . . . . . farms	37	59	Corporations . . . . .	15	(NA)
acres	16,904	20,857	Other - cooperative, estate or trust, institutional, etc . . . . .	-	3
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>			Number of operators:		
Total . . . . . farms	380	(NA)	1 operator . . . . .	277	(NA)
\$1,000	44,344	(NA)	2 operators . . . . .	91	(NA)
Market value of agricultural products sold . . . . . \$1,000	42,153	47,351	3 operators . . . . .	9	(NA)
Crops . . . . . farms	264	281	4 operators . . . . .	1	(NA)
\$1,000	23,199	25,956	5 or more operators . . . . .	2	(NA)
Livestock, poultry, and their products . . . . . farms	175	201	Number of women operators:		
\$1,000	18,954	21,395	1 woman operator . . . . .	88	(NA)
Government payments . . . . . farms	236	(NA)	2 women operators . . . . .	8	(NA)
\$1,000	2,191	(NA)	3 women operators . . . . .	-	(NA)
<b>FARMS BY ECONOMIC CLASS (SEE TEXT)</b>			4 women operators . . . . .	-	(NA)
Less than \$1,000 . . . . .	35	(NA)	5 or more women operators . . . . .	-	(NA)
\$1,000 to \$2,499 . . . . .	19	(NA)	Farms reporting-		
\$2,500 to \$4,999 . . . . .	32	(NA)	Computers for farm business . . . . .	177	(NA)
\$5,000 to \$9,999 . . . . .	29	(NA)	Internet access . . . . .	182	(NA)
\$10,000 to \$24,999 . . . . .	51	(NA)	Principal operator is a hired manager . . . . . farms acres	16	(NA)
\$25,000 to \$49,999 . . . . .	33	(NA)	acres	10,245	(NA)
\$50,000 or more . . . . .	181	(NA)	Farms by number of households sharing in net income of farm:		
<b>COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS</b>			1 household . . . . .	263	(NA)
CCC loans . . . . . farms	58	52	2 households . . . . .	82	(NA)
\$1,000	1,396	1,861	3 households . . . . .	14	(NA)
Conservation Reserve and Wetlands Reserve Programs (CRP and WRP) . . . . . farms	101	(NA)	4 households . . . . .	5	(NA)
\$1,000	560	(NA)	5 or more households . . . . .	-	(NA)
Other Federal farm program payments . . . . . farms	173	(NA)	Farms by share of principal operator's total household income from farming:		
\$1,000	1,631	(NA)	Less than 25 percent . . . . .	147	(NA)
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)</b>			25 to 49 percent . . . . .	44	(NA)
Oilseed and grain farming (1111) . . . . .	189	214	50 to 74 percent . . . . .	70	(NA)
Vegetable and melon farming (1112) . . . . .	3	-	75 to 99 percent . . . . .	56	(NA)
			100 percent . . . . .	47	(NA)

**Table 50. Selected Characteristics of Farms by North American Industry Classification System: 2002**

[For meaning of abbreviations and symbols, see introductory text]

NAICS code (see text)	Farms	Land in farms (acres)	Harvested cropland (acres)	Estimated market value of selected capital assets <sup>1</sup> , average per farm (dollars)		Market value of agricultural products sold (\$1,000)		
				Land and buildings	Machinery and equipment	Total	Crops	Livestock, poultry, and their products
Total .....	90,655	31,729,490	23,994,343	707,730	100,422	12,273,634	6,071,272	6,202,362
Crop production (111) .....	62,581	24,029,672	19,120,071	768,759	101,711	5,816,730	5,238,633	578,097
Oilseed and grain farming (1111) .....	42,509	21,906,067	18,775,849	1,042,901	138,749	5,613,504	5,061,392	552,112
Soybean farming (11111) .....	9,520	3,812,718	3,164,668	760,565	95,265	668,420	610,281	58,139
Oilseed (except soybean) farming (11112) .....	14	2,823	1,620	383,656	(D)	450	406	44
Dry pea and bean farming (11113) .....	30	6,860	3,952	51,250	(D)	665	663	1
Wheat farming (11114) .....	32,122	17,874,251	15,544,470	1,143,224	152,048	4,897,691	4,405,162	492,529
Corn farming (11115) .....	-	-	-	-	-	-	-	-
Rice farming (11116) .....	-	-	-	-	-	-	-	-
Other grain farming (11119) .....	823	209,415	61,139	335,978	71,590	46,279	44,880	1,399
Vegetable and melon farming (11121) .....	317	29,730	14,551	260,168	53,994	16,055	15,809	246
Potato farming (111211) .....	2	(D)	(D)	-	-	(D)	(D)	-
Other vegetable (except potato) and melon farming (111219) .....	315	(D)	(D)	260,168	53,994	(D)	(D)	246
Fruit and tree nut farming (1113) .....	284	19,332	3,694	227,358	24,883	3,937	3,878	60
Orange groves (11131) .....	-	-	-	-	-	-	-	-
Citrus (except orange) groves (11132) .....	-	-	-	-	-	-	-	-
Noncitrus fruit and tree nut farming (11133) .....	284	19,332	3,694	227,358	24,883	3,937	3,878	60
Apple orchards (111331) .....	168	8,935	2,637	256,060	29,260	3,148	3,106	42
Grape vineyards (111332) .....	29	1,477	102	(D)	(D)	73	(D)	(D)
Strawberry farming (111333) .....	21	526	111	70,000	(D)	354	353	2
Berry (except strawberry) farming (111334) .....	6	393	86	75,000	(D)	49	(D)	(D)
Tree nut farming (111335) .....	17	1,327	106	-	-	91	(D)	(D)
Fruit and tree nut combination farming (111336) .....	-	-	-	-	-	-	-	-
Other noncitrus fruit farming (111339) .....	43	6,674	652	192,870	23,658	222	216	6
Greenhouse, nursery, and floriculture production (1114) .....	580	32,664	15,791	341,919	51,909	79,149	78,763	386
Food crops grown under cover (11141) .....	13	90	32	200,000	10,000	259	259	-
Nursery and floriculture production (11142) .....	567	32,574	15,759	344,539	52,732	78,890	78,504	386
Nursery and tree production (111421) .....	343	24,121	12,527	307,270	48,630	26,660	26,572	88
Floriculture production (111422) .....	224	8,453	3,232	430,238	61,352	52,230	51,932	298
Other crop farming (1119) .....	18,891	2,041,879	310,186	189,789	21,886	104,084	78,790	25,294
Tobacco farming (11191) .....	-	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-	-
Sugarcane farming (11193) .....	-	-	-	-	-	-	-	-
Hay farming (11194) .....	3,927	439,846	181,338	192,846	28,941	51,231	46,698	4,533
All other crop farming (11199) .....	14,964	1,602,033	128,848	189,016	20,082	52,853	32,092	20,761
Animal production (112) .....	28,074	7,699,818	4,874,272	568,310	97,437	6,456,904	832,639	5,624,265
Cattle ranching and farming (1121) .....	16,630	4,653,462	2,519,484	471,329	85,209	2,472,714	329,180	2,143,534
Beef cattle ranching and farming, including feedlots (11211) .....	14,324	3,952,006	2,011,451	439,579	75,008	1,944,881	281,620	1,663,261
Beef cattle ranching and farming (112111) .....	10,065	2,155,985	736,605	302,519	46,367	432,084	72,443	359,641
Cattle feedlots (112112) .....	4,259	1,796,021	1,274,846	774,100	143,208	1,512,797	209,177	1,303,620
Dairy cattle and milk production (11212) .....	2,306	701,456	508,033	675,937	150,981	527,833	47,560	480,273
Hog and pig farming (1122) .....	5,742	2,100,826	1,774,034	1,026,154	159,750	3,106,693	(D)	(D)
Poultry and egg production (1123) .....	442	68,374	45,814	566,877	163,169	524,153	10,252	513,901
Chicken egg production (11231) .....	197	27,955	18,748	733,779	286,551	367,156	4,187	362,968
Broilers and other meat-type chicken production (11232) .....	105	10,793	7,130	262,543	26,795	15,655	1,232	14,422
Turkey production (11233) .....	66	22,641	19,565	1,399,408	296,426	97,529	4,798	92,731
Poultry hatcheries (11234) .....	8	627	(D)	163,708	194,950	(D)	-	(D)
Other poultry production (11239) .....	66	6,358	(D)	120,974	16,328	(D)	34	(D)
Sheep and goat farming (1124) .....	1,098	54,066	12,640	151,109	19,976	14,296	1,412	12,884
Sheep farming (11241) .....	1,003	50,699	11,858	151,433	20,150	13,164	1,351	11,814
Goat farming (11242) .....	95	3,367	782	144,357	16,352	1,132	61	1,070
Animal aquaculture (1125) .....	22	1,828	(D)	129,326	16,848	2,294	(D)	(D)
Other animal production (1129) .....	4,140	821,262	(D)	449,980	71,074	336,755	101,070	235,686
Apiculture (11291) .....	93	2,291	119	58,082	77,014	1,919	7	1,912
Horse and other equine production (11292) .....	2,544	112,322	14,195	183,149	17,741	10,135	(D)	(D)
Fur-bearing animal and rabbit production (11293) .....	24	1,605	(D)	60,128	45,122	2,808	(D)	(D)
All other animal production (11299) .....	1,479	705,044	507,209	967,054	160,959	321,893	100,413	221,480

<sup>1</sup> Data are based on a sample of farms.

**Table 51. Institutional, Research, Experimental, and American Indian Reservation Farms: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	2002	1997	Characteristics	2002	1997
Farms	84	(NA)	Total farm production expenses <sup>1</sup>	\$1,000 13,095	(NA)
Land in farms	35,214	(NA)	Average per farm	dollars 155,899	(NA)
Average size of farm	419	(NA)	Government payments	farms 38	(NA)
Estimated value of land and buildings <sup>1</sup>	\$1,000 66,698	(NA)	Average per farm	\$1,000 875	(NA)
Average per farm	dollars 794,030	(NA)	Average per farm	dollars 23,022	(NA)
Average per acre	dollars 1,894	(NA)	Income from farm-related sources (see text)	farms 21	(NA)
Estimated market value of all machinery and equipment <sup>1</sup>	\$1,000 10,375	(NA)	Average per farm	\$1,000 165	(NA)
Land in farms according to use:				7,863	(NA)
Total cropland	farms 79	(NA)	Tenure of operator:		
Harvested cropland	acres 24,663	(NA)	Full owners	57	(NA)
Cropland used only for pasture or grazing	farms 64	(NA)	Part owners	15	(NA)
Other cropland	acres 20,055	(NA)	Tenants	12	(NA)
Total woodland	farms 10	(NA)	Farms by North American Industry Classification System:		
Woodland pastured	acres 2,703	(NA)	Oilseed and grain farming (1111)	47	(NA)
Woodland not pastured	farms 3	(NA)	Vegetable and melon farming (1112)	3	(NA)
Pastureland and rangeland, other than cropland and woodland pastured (see text)	acres (D)	(NA)	Fruit and tree nut farming (1113)	1	(NA)
Land in house lots, ponds, roads, wasteland, etc.	farms 9	(NA)	Greenhouse, nursery, and floriculture production (1114)	-	(NA)
Irrigated land	acres (D)	(NA)	Other crop farming (1119)	15	(NA)
Market value of agricultural products sold (see text)	farms 13	(NA)	Tobacco farming (11191)	-	(NA)
Average per farm	acres 4,982	(NA)	Cotton farming (11192)	-	(NA)
Crops	farms 49	(NA)	Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	15	(NA)
Livestock, poultry, and their products	acres 2,866	(NA)	Beef cattle ranching and farming (11211)	2	(NA)
	farms 5	(NA)	Cattle feedlots (11212)	4	(NA)
	acres 203	(NA)	Dairy cattle and milk production (11212)	3	(NA)
			Hog and pig farming (1122)	5	(NA)
			Poultry and egg production (1123)	1	(NA)
			Sheep and goat farming (1124)	-	(NA)
			Animal aquaculture and other animal production (1125,1129)	3	(NA)

<sup>1</sup> Data are based on a sample of farms.

**Table 52. Selected Operator Characteristics by Race: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	White		Black or African American		American Indian or Alaska Native	
	All operators <sup>1</sup>	Principal operator	All operators <sup>1</sup>	Principal operator	All operators <sup>1</sup>	Principal operator
Operators ..... number	124,932	90,472	43	31	116	61
Sex of operator:						
Male .....	97,785	84,291	30	27	72	55
Female .....	27,147	6,181	13	4	44	6
Primary occupation:						
Farming .....	80,817	61,834	23	18	66	37
Other .....	44,115	28,638	20	13	50	24
Place of residence:						
On farm operated .....	94,174	69,179	33	24	97	51
Not on farm operated .....	30,758	21,293	10	7	19	10
Days worked off farm:						
None .....	55,311	41,347	14	11	37	15
Any .....	69,621	49,125	29	20	79	46
1 to 49 days .....	8,854	6,366	5	4	11	2
50 to 99 days .....	4,608	3,115	2	2	12	10
100 to 199 days .....	9,181	6,077	3	-	10	3
200 days or more .....	46,978	33,567	19	14	46	31
Years on present farm:						
2 years or less .....	4,024	2,305	-	-	4	2
3 or 4 years .....	7,444	4,482	2	2	10	3
5 to 9 years .....	18,084	11,992	16	11	20	14
10 years or more .....	95,380	71,693	25	18	82	42
Age group:						
Under 25 years .....	2,171	869	-	-	-	-
25 to 34 years .....	8,681	5,269	2	2	11	6
35 to 44 years .....	25,823	17,302	9	4	17	10
45 to 54 years .....	34,188	24,486	14	11	44	26
55 to 64 years .....	27,060	20,178	13	9	31	15
65 to 74 years .....	17,792	14,435	4	4	12	4
75 years and over .....	9,217	7,933	1	1	1	-
Average age of -						
All operators <sup>1</sup> .....	52.8	(X)	52.0	(X)	51.2	(X)
Principal operator .....	(X)	54.3	(X)	53.0	(X)	50.4
Second operator .....	49.7	(X)	49.4	(X)	52.1	(X)
Third operator .....	43.9	(X)	-	(X)	53.7	(X)
Spanish, Hispanic, or Latino origin (see text) .....	514	367	6	5	11	3
Race:						
White .....	124,932	90,472	(X)	(X)	(X)	(X)
Black or African American .....	(X)	(X)	43	31	(X)	(X)
American Indian or Alaska Native .....	(X)	(X)	(X)	(X)	116	61
Native Hawaiian or Other Pacific Islander .....	(X)	(X)	(X)	(X)	(X)	(X)
Asian .....	(X)	(X)	(X)	(X)	(X)	(X)
More than one race reported .....	(X)	(X)	(X)	(X)	(X)	(X)
Living on an American Indian Reservation .....	1	1	-	-	-	-
Number of persons living in household of-						
Principal operator .....	(X)	246,257	(X)	80	(X)	159
Second operator .....	31,980	(X)	2	(X)	37	(X)
Third operator .....	7,719	(X)	-	(X)	24	(X)

See footnote(s) at end of table.

--continued

**Table 52. Selected Operator Characteristics by Race: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Native Hawaiian or Other Pacific Islander		Asian		More than one race reported	
	All operators <sup>1</sup>	Principal operator	All operators <sup>1</sup>	Principal operator	All operators <sup>1</sup>	Principal operator
Operators ..... number	5	2	64	25	86	64
Sex of operator:						
Male .....	4	1	30	18	67	59
Female .....	1	1	34	7	19	5
Primary occupation:						
Farming .....	3	-	20	9	45	37
Other .....	2	2	44	16	41	27
Place of residence:						
On farm operated .....	3	1	41	14	79	60
Not on farm operated .....	2	1	23	11	7	4
Days worked off farm:						
None .....	2	-	26	11	30	25
Any .....	3	2	38	14	56	39
1 to 49 days .....	-	-	7	4	6	4
50 to 99 days .....	1	1	-	-	4	3
100 to 199 days .....	-	-	6	-	6	4
200 days or more .....	2	1	25	10	40	28
Years on present farm:						
2 years or less .....	1	1	11	2	6	4
3 or 4 years .....	1	-	6	2	6	4
5 to 9 years .....	1	-	15	7	18	14
10 years or more .....	2	1	32	14	56	42
Age group:						
Under 25 years .....	-	-	2	-	3	-
25 to 34 years .....	1	-	9	-	7	5
35 to 44 years .....	1	-	11	5	14	10
45 to 54 years .....	2	2	12	6	30	24
55 to 64 years .....	-	-	24	8	21	17
65 to 74 years .....	1	-	2	2	5	4
75 years and over .....	-	-	4	4	6	4
Average age of -						
All operators <sup>1</sup> .....	47.6	(X)	49.5	(X)	51.0	(X)
Principal operator .....	(X)	(D)	(X)	56.4	(X)	(D)
Second operator .....	(D)	(X)	46.9	(X)	(D)	(X)
Third operator .....	-	(X)	22.7	(X)	(D)	(X)
Spanish, Hispanic, or Latino origin (see text) .....	-	-	5	5	1	-
Race:						
White .....	(X)	(X)	(X)	(X)	(X)	(X)
Black or African American .....	(X)	(X)	(X)	(X)	(X)	(X)
American Indian or Alaska Native .....	(X)	(X)	(X)	(X)	(X)	(X)
Native Hawaiian or Other Pacific Islander .....	5	2	(X)	(X)	(X)	(X)
Asian .....	(X)	(X)	64	25	(X)	(X)
More than one race reported .....	(X)	(X)	(X)	(X)	86	64
Living on an American Indian Reservation .....	-	-	-	-	-	-
Number of persons living in household of-						
Principal operator .....	(X)	9	(X)	54	(X)	169
Second operator .....	11	(X)	18	(X)	19	(X)
Third operator .....	-	(X)	4	(X)	-	(X)

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 53. Women Operators - Selected Operator Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All operators 2002 <sup>1</sup>	Principal operator		Characteristics	All operators 2002 <sup>1</sup>	Principal operator	
		2002	1997			2002	1997
Operators <sup>2</sup> ..... number	27,258	6,204	5,101	Age group - Con.			
Sex of operator:				35 to 44 years .....	5,644	746	653
Male .....	(X)	(X)	(X)	45 to 54 years .....	7,300	1,172	881
Female .....	27,258	6,204	5,101	55 to 64 years .....	6,411	1,375	(NA)
Primary occupation:				65 to 74 years .....	3,651	1,308	(NA)
Farming .....	13,230	3,063	2,103	75 years and over .....	2,128	1,404	(NA)
Other .....	14,028	3,141	2,998	Average age of -			
Place of residence <sup>3</sup> :				All operators <sup>1</sup> .....	53.3	(X)	(X)
On farm operated .....	21,780	3,994	3,163	Principal operator .....	(X)	61.5	60.5
Not on farm operated .....	5,478	2,210	1,595	Second operator .....	50.9	(X)	(X)
Days worked off farm <sup>3</sup> :				Third operator .....	50.1	(X)	(X)
None .....	11,447	3,400	2,438	Spanish, Hispanic, or			
Any .....	15,811	2,804	2,402	Latino origin (see text) .....	125	33	37
1 to 49 days .....	1,709	331	(NA)	Race:			
50 to 99 days .....	1,106	170	(NA)	White .....	27,147	6,181	(NA)
100 to 199 days .....	2,665	407	422	Black or African American .....	13	4	(NA)
200 days or more .....	10,331	1,896	1,674	American Indian or Alaska Native .....	44	6	(NA)
Years on present farm <sup>3</sup> :				Native Hawaiian or Other Pacific Islander .....	1	1	(NA)
2 years or less .....	1,070	306	283	Asian .....	34	7	(NA)
3 or 4 years .....	1,949	503	303	More than one race reported .....	19	5	(NA)
5 to 9 years .....	4,490	1,125	673	Living on an American Indian reservation .....	-	-	(NA)
10 years or more .....	19,749	4,270	2,864	Number of persons living in household of-			
Age group:				Principal operator .....	(X)	12,052	(NA)
Under 25 years .....	369	39	70	Second operator .....	7,719	(X)	(NA)
25 to 34 years .....	1,755	160	204	Third operator .....	1,289	(X)	(NA)

<sup>1</sup> Data were collected for a maximum of three operators per farm.  
<sup>2</sup> Data for all operators are reported for a maximum of three operators per farm.  
<sup>3</sup> Data for 1997 do not include imputation for item nonresponse.

**Table 54. Spanish, Hispanic, or Latino Origin Operators - Selected Operator Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All operators 2002 <sup>1</sup>	Principal operator		Characteristics	All operators 2002 <sup>1</sup>	Principal operator	
		2002	1997			2002	1997
Operators ..... number	537	380	362	Age group - Con.			
Sex of operator:				35 to 44 years .....	115	70	68
Male .....	412	347	325	45 to 54 years .....	131	101	74
Female .....	125	33	37	55 to 64 years .....	115	80	(NA)
Primary occupation:				65 to 74 years .....	82	71	(NA)
Farming .....	351	261	254	75 years and over .....	47	36	(NA)
Other .....	186	119	108	Average age of -			
Place of residence <sup>2</sup> :				All operators <sup>1</sup> .....	53.4	(X)	(X)
On farm operated .....	427	311	285	Principal operator .....	(X)	55.3	54.1
Not on farm operated .....	110	69	72	Second operator .....	50.3	(X)	(X)
Days worked off farm <sup>2</sup> :				Third operator .....	42.4	(X)	(X)
None .....	264	199	194	Spanish, Hispanic, or			
Any .....	273	181	155	Latino origin (see text) .....	537	380	362
1 to 49 days .....	40	23	(NA)	Race:			
50 to 99 days .....	23	18	(NA)	White .....	514	367	(NA)
100 to 199 days .....	34	14	25	Black or African American .....	6	5	(NA)
200 days or more .....	176	126	81	American Indian or Alaska Native .....	11	3	(NA)
Years on present farm <sup>2</sup> :				Native Hawaiian or Other Pacific Islander .....	-	-	(NA)
2 years or less .....	14	5	17	Asian .....	5	5	(NA)
3 or 4 years .....	26	13	14	More than one race reported .....	1	-	(NA)
5 to 9 years .....	74	41	52	Living on an American Indian reservation .....	1	1	(NA)
10 years or more .....	423	321	242	Number of persons living in household of-			
Age group:				Principal operator .....	(X)	1,094	(NA)
Under 25 years .....	5	-	10	Second operator .....	147	(X)	(NA)
25 to 34 years .....	42	22	28	Third operator .....	53	(X)	(NA)

<sup>1</sup> Data were collected for a maximum of three operators per farm.  
<sup>2</sup> Data for 1997 do not include imputation for item nonresponse.

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**Table 55. Summary by Size of Farm: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARMS AND LAND IN FARMS</b>						
Farms . . . . . number	90,655	4,811	16,278	3,843	6,821	6,300
Land in farms . . . . . percent	100.0	5.3	18.0	4.2	7.5	6.9
Land in farms . . . . . acres	31,729,490	25,779	414,842	224,086	556,342	736,158
Average size of farm . . . . . acres	350	5	25	58	82	117
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text) . . . . . farms	90,655	4,811	16,278	3,843	6,821	6,300
Average per farm . . . . . \$1,000	12,812,531	348,015	795,016	142,448	228,610	320,885
Farms by economic class:	141,333	72,337	48,840	37,067	33,516	50,934
Less than \$1,000 (see text) . . . . .	5,250	1,052	2,649	346	337	243
\$1,000 to \$2,499 . . . . .	8,594	1,650	5,281	484	494	282
\$2,500 to \$4,999 . . . . .	6,906	527	3,566	831	948	477
\$5,000 to \$9,999 . . . . .	7,692	359	2,193	932	1,650	1,102
\$10,000 to \$24,999 . . . . .	11,568	304	1,330	918	2,137	1,938
\$25,000 to \$49,999 . . . . .	10,417	171	371	164	847	1,574
\$50,000 to \$99,999 . . . . .	11,850	182	259	71	211	363
\$100,000 to \$249,999 . . . . .	15,240	233	193	46	118	192
\$250,000 to \$499,999 . . . . .	8,128	138	138	15	38	65
\$500,000 to \$999,999 . . . . .	3,420	127	121	19	18	31
\$1,000,000 or more . . . . .	1,590	68	177	17	23	33
\$1,000,000 to \$2,499,999 . . . . .	1,312	58	128	9	11	20
\$2,500,000 to \$4,999,999 . . . . .	168	6	28	4	5	4
\$5,000,000 or more . . . . .	110	4	21	4	7	9
Total sales (see text) . . . . . farms	90,655	4,811	16,278	3,843	6,821	6,300
Grains, oilseeds, dry beans, and dry peas . . . . . \$1,000	12,273,634	346,639	778,427	135,369	212,937	302,526
Sales of \$50,000 or more . . . . . farms	55,294	286	2,943	1,246	3,063	3,273
Tobacco . . . . . \$1,000	5,858,528	418	14,498	12,071	46,244	66,107
Sales of \$50,000 or more . . . . . farms	29,658	-	-	-	10	44
Cotton and cottonseed . . . . . \$1,000	5,334,562	-	-	-	809	2,590
Sales of \$50,000 or more . . . . . farms	3	-	1	-	-	-
Cotton and cottonseed . . . . . \$1,000	29	-	(D)	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
Cotton and cottonseed . . . . . \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms	757	133	199	25	64	48
Sales of \$50,000 or more . . . . . \$1,000	19,491	743	2,269	418	880	993
Sales of \$50,000 or more . . . . . farms	77	-	7	2	7	7
Sales of \$50,000 or more . . . . . \$1,000	13,401	-	438	(D)	519	596
Fruits, tree nuts, and berries . . . . . farms	412	88	132	25	38	34
Sales of \$50,000 or more . . . . . \$1,000	4,496	433	1,301	336	478	544
Sales of \$50,000 or more . . . . . farms	13	-	-	1	2	3
Sales of \$50,000 or more . . . . . \$1,000	1,313	-	-	(D)	(D)	282
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms	554	205	186	24	26	15
Sales of \$50,000 or more . . . . . \$1,000	77,610	15,483	37,525	2,072	1,360	2,061
Sales of \$50,000 or more . . . . . farms	165	62	45	9	7	9
Sales of \$50,000 or more . . . . . \$1,000	72,506	13,543	35,664	1,825	1,115	2,029
Cut Christmas trees and short-rotation woody crops . . . . . farms	215	40	79	9	13	19
Sales of \$50,000 or more . . . . . \$1,000	1,424	98	(D)	(D)	(D)	(D)
Sales of \$50,000 or more . . . . . farms	2	-	-	-	-	-
Sales of \$50,000 or more . . . . . \$1,000	(D)	-	-	-	-	-
Other crops and hay (see text) . . . . . farms	12,703	206	2,004	531	938	910
Sales of \$50,000 or more . . . . . \$1,000	109,695	267	5,310	2,210	4,384	5,530
Sales of \$50,000 or more . . . . . farms	319	-	-	-	3	4
Sales of \$50,000 or more . . . . . \$1,000	29,955	-	-	-	(D)	(D)
Cattle and calves . . . . . farms	29,515	1,006	2,868	902	1,667	1,964
Sales of \$50,000 or more . . . . . \$1,000	2,119,935	18,912	100,884	17,904	40,289	45,980
Sales of \$50,000 or more . . . . . farms	6,374	58	141	37	82	139
Sales of \$50,000 or more . . . . . \$1,000	1,770,185	13,470	81,403	10,371	24,294	25,727
Milk and other dairy products from cows . . . . . farms	2,913	52	141	64	169	272
Sales of \$50,000 or more . . . . . \$1,000	442,431	5,130	29,709	6,660	9,017	18,872
Sales of \$50,000 or more . . . . . farms	1,969	17	62	25	49	123
Sales of \$50,000 or more . . . . . \$1,000	419,340	4,524	28,165	5,918	6,450	15,263
Hogs and pigs . . . . . farms	11,275	929	968	147	385	396
Sales of \$50,000 or more . . . . . \$1,000	3,078,455	247,536	502,848	74,792	73,466	83,318
Sales of \$50,000 or more . . . . . farms	7,453	568	571	67	135	174
Sales of \$50,000 or more . . . . . \$1,000	3,007,680	243,100	497,813	73,906	69,910	80,061
Sheep, goats, and their products . . . . . farms	3,842	461	999	176	271	224
Sales of \$50,000 or more . . . . . \$1,000	23,366	1,344	3,616	1,067	1,743	1,052
Sales of \$50,000 or more . . . . . farms	63	3	10	4	5	3
Sales of \$50,000 or more . . . . . \$1,000	10,411	296	1,119	537	889	220
Horses, ponies, mules, burros, and donkeys . . . . . farms	2,845	372	1,019	174	224	212
Sales of \$50,000 or more . . . . . \$1,000	13,643	1,089	4,333	1,102	1,216	877
Sales of \$50,000 or more . . . . . farms	23	-	3	3	2	-
Sales of \$50,000 or more . . . . . \$1,000	2,415	-	250	253	(D)	-
Poultry and eggs . . . . . farms	1,572	247	428	70	130	135
Sales of \$50,000 or more . . . . . \$1,000	511,949	51,237	71,652	16,083	33,263	76,388
Sales of \$50,000 or more . . . . . farms	222	31	36	7	14	21
Sales of \$50,000 or more . . . . . \$1,000	509,004	50,989	70,964	(D)	32,780	76,189

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>FARMS AND LAND IN FARMS</b>							
Farms .....	7,286	4,621	4,506	15,592	13,063	6,213	1,321
Land in farms .....	1,147,324	913,565	1,071,679	5,665,052	9,083,537	8,189,394	3,701,732
Average size of farm .....	157	198	238	363	695	1,318	2,802
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>							
Total (see text) .....	7,286	4,621	4,506	15,592	13,063	6,213	1,321
Average per farm .....	393,710	328,524	424,088	2,160,063	3,411,687	2,919,531	1,339,955
Farms by economic class:	54,037	71,094	94,116	138,537	261,172	469,907	1,014,349
Less than \$1,000 (see text) .....	177	112	87	153	68	22	4
\$1,000 to \$2,499 .....	166	86	51	73	24	3	-
\$2,500 to \$4,999 .....	240	103	66	117	20	9	2
\$5,000 to \$9,999 .....	686	327	160	225	54	4	-
\$10,000 to \$24,999 .....	1,787	1,055	729	1,200	144	22	4
\$25,000 to \$49,999 .....	2,586	1,221	1,024	1,975	455	26	3
\$50,000 to \$99,999 .....	1,121	1,229	1,703	5,271	1,316	117	7
\$100,000 to \$249,999 .....	387	346	470	5,217	6,919	1,074	45
\$250,000 to \$499,999 .....	77	92	132	914	2,978	3,321	220
\$500,000 to \$999,999 .....	42	30	58	316	774	1,228	656
\$1,000,000 or more .....	17	20	26	131	311	387	380
\$1,000,000 to \$2,499,999 .....	12	14	19	105	272	338	326
\$2,500,000 to \$4,999,999 .....	2	2	4	14	28	38	33
\$5,000,000 or more .....	3	4	3	12	11	11	21
Total sales (see text) .....	7,286	4,621	4,506	15,592	13,063	6,213	1,321
Grains, oilseeds, dry beans, and dry peas .....	368,338	308,640	402,842	2,059,972	3,270,184	2,799,721	1,288,039
Sales of \$50,000 or more .....	4,892	3,155	3,423	13,299	12,347	6,073	1,294
Tobacco .....	144,038	109,623	146,672	927,040	1,781,171	1,763,819	846,828
Sales of \$50,000 or more .....	471	830	1,406	8,882	10,890	5,853	1,272
Cotton and cottonseed .....	27,406	51,243	94,238	812,063	1,742,059	1,757,868	846,285
Sales of \$50,000 or more .....	-	-	-	(D)	-	(D)	-
Vegetables, melons, potatoes, and sweet potatoes .....	-	-	-	-	-	-	-
Sales of \$50,000 or more .....	-	-	-	-	-	-	-
Fruits, tree nuts, and berries .....	47	16	16	69	75	44	21
Sales of \$50,000 or more .....	2,048	266	524	3,250	4,489	3,301	309
Nursery, greenhouse, floriculture, and sod (see text) .....	7	1	2	10	24	10	-
Sales of \$50,000 or more .....	1,693	(D)	(D)	2,635	4,077	2,860	-
Cattle and calves .....	18	8	7	32	16	10	4
Sales of \$50,000 or more .....	237	287	90	403	196	116	75
Nursery, greenhouse, floriculture, and sod (see text) .....	1	1	1	1	2	1	-
Sales of \$50,000 or more .....	(D)	(D)	(D)	(D)	(D)	(D)	-
Nursery, greenhouse, floriculture, and sod (see text) .....	21	10	9	24	23	7	4
Sales of \$50,000 or more .....	584	466	1,462	3,228	12,024	1,073	273
Cut Christmas trees and short-rotation woody crops .....	3	1	3	11	10	3	2
Sales of \$50,000 or more .....	375	(D)	(D)	3,169	11,862	(D)	(D)
Other crops and hay (see text) .....	10	8	10	13	7	5	2
Sales of \$50,000 or more .....	37	90	157	(D)	157	(D)	(D)
Cattle and calves .....	-	-	-	-	2	-	-
Sales of \$50,000 or more .....	-	-	-	-	(D)	-	-
Other crops and hay (see text) .....	994	687	715	2,438	2,108	964	208
Sales of \$50,000 or more .....	6,517	(D)	6,175	25,177	24,921	14,853	(D)
Cattle and calves .....	8	11	13	85	93	59	43
Sales of \$50,000 or more .....	554	1,094	1,000	7,337	7,789	5,361	6,385
Cattle and calves .....	2,314	1,672	1,764	6,441	5,693	2,679	545
Sales of \$50,000 or more .....	53,070	50,583	73,685	375,914	597,078	513,114	232,521
Milk and other dairy products from cows .....	165	159	232	1,380	2,137	1,450	394
Sales of \$50,000 or more .....	25,051	28,265	50,218	282,643	516,202	483,696	228,845
Hogs and pigs .....	338	256	261	783	426	135	16
Sales of \$50,000 or more .....	31,367	30,293	31,579	116,371	97,896	49,235	16,299
Hogs and pigs .....	226	184	189	619	347	112	16
Sales of \$50,000 or more .....	28,424	28,475	29,611	111,999	95,635	48,578	16,299
Sheep, goats, and their products .....	578	406	509	2,473	2,819	1,389	276
Sales of \$50,000 or more .....	82,873	86,923	110,086	506,714	718,897	434,243	156,759
Sheep, goats, and their products .....	280	223	289	1,622	2,167	1,123	234
Sales of \$50,000 or more .....	77,576	83,656	105,656	488,351	703,619	428,069	155,963
Horses, ponies, mules, burros, and donkeys .....	223	162	181	520	453	153	19
Sales of \$50,000 or more .....	1,435	761	1,742	3,638	4,898	1,962	107
Horses, ponies, mules, burros, and donkeys .....	2	1	5	11	14	5	-
Sales of \$50,000 or more .....	(D)	(D)	1,036	1,608	2,796	1,173	-
Horses, ponies, mules, burros, and donkeys .....	163	107	77	212	188	86	11
Sales of \$50,000 or more .....	709	424	359	1,907	1,000	506	119
Poultry and eggs .....	1	1	1	6	3	2	1
Sales of \$50,000 or more .....	(D)	(D)	(D)	1,034	208	(D)	(D)
Poultry and eggs .....	88	57	57	163	142	46	9
Sales of \$50,000 or more .....	45,370	(D)	30,266	95,273	26,719	16,782	(D)
Poultry and eggs .....	10	6	7	32	38	14	6
Sales of \$50,000 or more .....	45,259	(D)	30,159	94,860	26,549	16,673	(D)

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) farms	47	6	16	1	4	3
\$1,000	2,308	41	969	(D)	(D)	(D)
Sales of \$50,000 or more farms	10	-	5	1	1	1
\$1,000	2,131	-	896	(D)	(D)	(D)
Other animals and other animal products (see text) farms	563	137	168	28	42	35
\$1,000	10,276	3,908	2,998	138	311	611
Sales of \$50,000 or more farms	36	10	11	1	1	3
\$1,000	7,787	3,049	2,311	(D)	(D)	537
Government payments farms	63,074	1,159	8,519	2,366	4,464	4,257
\$1,000	538,896	1,376	16,589	7,078	15,673	18,359
Value of -						
Certified organically produced commodities (see text) farms	402	18	41	13	38	46
\$1,000	13,333	32	192	137	790	599
Landlord's share of total sales (see text) farms	10,707	34	187	78	218	269
\$1,000	519,739	53	3,996	475	1,860	3,273
Agricultural products sold directly to individuals for human consumption (see text) farms	2,455	395	645	106	193	135
\$1,000	11,651	1,082	2,195	457	839	821
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>						
Total farm production expenses farms	90,648	4,918	16,210	3,620	6,898	6,426
\$1,000	10,303,448	344,367	740,040	131,349	230,852	291,554
Average per farm dollars	113,664	70,022	45,653	36,284	33,466	45,371
Fertilizer, lime, and soil conditioners purchased farms	61,514	1,006	4,743	1,592	3,842	3,938
\$1,000	665,890	285	3,279	1,882	6,579	9,671
Farms with expenses of-						
\$1 to \$4,999	28,624	1,001	4,728	1,573	3,731	3,467
\$5,000 to \$24,999	25,550	5	12	19	111	471
\$25,000 to \$49,999	5,538	-	-	-	-	-
\$50,000 or more	1,802	-	3	-	-	-
Chemicals purchased farms	54,776	1,353	6,048	1,689	3,745	3,653
\$1,000	464,509	277	2,882	1,496	5,282	6,826
Farms with expenses of-						
\$1 to \$4,999	29,778	1,347	6,032	1,682	3,707	3,544
\$5,000 to \$24,999	20,455	6	12	7	29	108
\$25,000 to \$49,999	3,719	2	2	-	9	-
\$50,000 or more	824	-	2	-	-	1
Seeds, plants, vines, and trees farms	59,724	1,208	5,313	1,672	3,592	3,891
\$1,000	603,316	2,954	8,880	1,713	5,898	8,344
Farms with expenses of-						
\$1 to \$999	11,754	1,067	4,528	993	1,328	1,047
\$1,000 to \$4,999	17,485	39	731	669	2,157	2,672
\$5,000 to \$24,999	24,681	78	28	9	107	171
\$25,000 to \$49,999	4,496	8	16	-	-	-
\$50,000 or more	1,308	16	10	1	-	1
Livestock and poultry purchased farms	25,756	1,735	3,087	643	1,313	1,610
\$1,000	1,854,227	90,212	177,537	21,523	40,831	49,469
Farms with expenses of-						
\$1 to \$4,999	12,317	948	2,034	511	843	1,058
\$5,000 to \$24,999	5,383	230	505	60	333	318
\$25,000 to \$99,999	4,095	343	260	32	74	137
\$100,000 to \$249,999	2,216	128	124	18	37	52
\$250,000 or more	1,745	86	164	22	26	45
Breeding livestock purchased (see text) farms	13,436	513	1,423	315	671	926
\$1,000	100,883	4,555	15,378	4,475	3,031	3,002
Other livestock and poultry purchased farms	16,372	1,315	2,086	423	894	922
\$1,000	1,753,344	85,657	162,159	17,047	37,801	46,467
Feed purchased farms	41,037	3,013	6,053	1,230	2,376	2,599
\$1,000	1,922,817	147,802	295,964	48,234	63,517	89,240
Farms with expenses of-						
\$1 to \$4,999	22,966	1,920	4,735	989	1,759	1,849
\$5,000 to \$24,999	8,952	370	726	149	377	471
\$25,000 to \$99,999	5,557	377	227	42	165	165
\$100,000 to \$249,999	1,952	193	122	20	42	48
\$250,000 or more	1,610	153	243	30	33	66
Gasoline, fuels, and oils farms	87,485	4,508	15,120	3,353	6,650	6,124
\$1,000	348,189	8,316	19,188	4,363	7,623	8,459
Farms with expenses of-						
\$1 to \$4,999	67,422	4,164	14,555	3,257	6,479	5,952
\$5,000 to \$24,999	18,367	286	462	75	148	156
\$25,000 to \$49,999	1,289	39	51	14	20	7
\$50,000 or more	407	19	52	7	3	9

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>							
Total (see text) - Con.							
Total sales (see text) - Con.							
Aquaculture (see text) farms	3	4	2	4	3	1	-
\$1,000	3	(D)	(D)	(D)	32	(D)	-
Sales of \$50,000 or more farms	-	-	-	2	-	-	-
\$1,000	-	-	-	(D)	-	-	-
Other animals and other animal products (see text) farms	22	25	11	38	38	14	5
\$1,000	49	334	(D)	472	705	664	(D)
Sales of \$50,000 or more farms	-	3	-	2	3	2	-
\$1,000	-	260	-	(D)	537	(D)	-
Government payments farms	5,247	3,374	3,404	12,547	11,091	5,448	1,198
\$1,000	25,372	19,884	21,246	100,092	141,503	119,810	51,915
Value of -							
Certified organically produced commodities (see text) farms	47	29	24	87	40	14	5
\$1,000	882	808	582	3,880	2,707	1,354	1,370
Landlord's share of total sales (see text) farms	548	383	518	2,627	3,498	2,043	304
\$1,000	8,421	8,290	11,528	81,996	181,286	169,164	49,397
Agricultural products sold directly to individuals for human consumption (see text) farms	146	93	88	310	212	115	17
\$1,000	606	984	737	2,137	1,106	535	154
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>							
Total farm production expenses farms	7,199	4,737	4,454	15,759	12,692	6,397	1,338
\$1,000	333,788	268,754	338,789	1,761,587	2,631,395	2,258,027	972,946
Average per farm dollars	46,366	56,735	76,064	111,783	207,327	352,982	727,165
Fertilizer, lime, and soil conditioners purchased farms	5,404	3,454	3,599	14,088	12,252	6,285	1,311
\$1,000	20,369	15,294	19,184	116,399	193,832	197,710	81,405
Farms with expenses of-							
\$1 to \$4,999	4,019	2,163	1,899	4,321	1,455	247	20
\$5,000 to \$24,999	1,385	1,291	1,700	9,489	8,634	2,245	188
\$25,000 to \$49,999	-	-	-	278	1,991	2,829	440
\$50,000 or more	-	-	-	-	172	964	663
Chemicals purchased farms	4,764	2,874	3,095	12,050	9,826	4,913	766
\$1,000	14,751	10,160	14,222	87,843	143,834	131,593	45,344
Farms with expenses of-							
\$1 to \$4,999	3,921	2,116	1,783	4,088	1,300	237	21
\$5,000 to \$24,999	843	758	1,311	7,903	7,299	2,092	87
\$25,000 to \$49,999	-	-	-	57	1,174	2,232	245
\$50,000 or more	-	-	1	2	53	352	413
Seeds, plants, vines, and trees farms	4,967	3,308	3,457	13,363	11,686	5,998	1,269
\$1,000	16,118	12,601	15,946	102,566	179,082	174,170	75,043
Farms with expenses of-							
\$1 to \$999	805	468	381	807	273	50	7
\$1,000 to \$4,999	3,298	1,787	1,607	3,306	1,029	159	31
\$5,000 to \$24,999	864	1,044	1,461	9,123	9,162	2,418	216
\$25,000 to \$49,999	-	9	8	96	1,170	2,906	283
\$50,000 or more	-	-	-	31	52	465	732
Livestock and poultry purchased farms	1,571	1,244	956	5,045	5,192	2,813	547
\$1,000	51,779	43,248	62,564	294,691	474,179	381,460	166,735
Farms with expenses of-							
\$1 to \$4,999	895	633	520	2,216	1,764	782	113
\$5,000 to \$24,999	321	314	189	1,140	1,235	644	94
\$25,000 to \$99,999	219	198	132	1,011	1,062	532	95
\$100,000 to \$249,999	87	65	63	429	670	446	97
\$250,000 or more	49	34	52	249	461	409	148
Breeding livestock purchased (see text) farms	944	688	544	2,819	2,796	1,548	249
\$1,000	5,884	5,529	6,458	16,521	18,136	13,283	4,633
Other livestock and poultry purchased farms	805	746	546	3,033	3,367	1,830	405
\$1,000	45,895	37,719	56,106	278,169	456,042	368,177	162,103
Feed purchased farms	2,794	2,016	1,782	7,838	6,997	3,613	726
\$1,000	71,035	55,669	75,168	356,273	384,166	236,185	99,562
Farms with expenses of-							
\$1 to \$4,999	1,837	1,208	1,105	3,597	2,608	1,193	166
\$5,000 to \$24,999	587	450	350	2,177	1,976	1,090	229
\$25,000 to \$99,999	244	269	198	1,439	1,528	745	158
\$100,000 to \$249,999	81	55	77	394	518	316	86
\$250,000 or more	45	34	52	231	367	269	87
Gasoline, fuels, and oils farms	6,934	4,612	4,321	15,509	12,623	6,393	1,338
\$1,000	12,730	10,968	11,844	61,603	91,377	78,096	33,623
Farms with expenses of-							
\$1 to \$4,999	6,646	4,213	3,769	11,629	5,523	1,158	77
\$5,000 to \$24,999	267	386	538	3,766	6,797	4,680	806
\$25,000 to \$49,999	17	5	10	83	232	468	343
\$50,000 or more	4	8	4	31	71	87	112

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) . . . . . farms	62,217	2,739	6,979	1,707	3,570	3,859
\$1,000	215,675	9,467	16,455	3,597	6,492	7,821
Farms with expenses of-						
\$1 to \$999 . . . . .	21,787	1,595	4,862	1,205	2,343	2,285
\$1,000 to \$4,999 . . . . .	30,383	723	1,630	411	1,080	1,388
\$5,000 to \$24,999 . . . . .	9,238	361	340	73	118	151
\$25,000 to \$49,999 . . . . .	551	41	90	8	20	23
\$50,000 or more . . . . .	258	19	57	10	9	12
Supplies, repairs, and maintenance . . . . . farms	81,393	4,050	13,422	2,835	5,937	5,526
\$1,000	646,011	16,123	39,967	9,219	19,267	21,327
Farms with expenses of-						
\$1 to \$4,999 . . . . .	49,261	3,336	12,056	2,626	5,143	4,390
\$5,000 to \$24,999 . . . . .	26,872	565	1,095	190	684	1,048
\$25,000 to \$49,999 . . . . .	3,626	106	120	9	77	67
\$50,000 or more . . . . .	1,634	43	151	10	33	21
Hired farm labor . . . . . farms	28,135	933	2,066	558	1,166	1,430
\$1,000	409,190	23,445	50,369	10,415	11,330	12,921
Farms with expenses of-						
\$1 to \$4,999 . . . . .	18,752	623	1,620	480	1,010	1,290
\$5,000 to \$24,999 . . . . .	5,901	135	189	49	111	91
\$25,000 to \$99,999 . . . . .	2,840	96	136	19	31	34
\$100,000 to \$249,999 . . . . .	480	67	76	3	7	8
\$250,000 or more . . . . .	162	12	45	7	7	7
Contract labor . . . . . farms	6,425	273	764	189	425	486
\$1,000	37,829	4,639	5,828	325	942	1,905
Farms with expenses of-						
\$1 to \$999 . . . . .	2,376	165	336	90	262	211
\$1,000 to \$4,999 . . . . .	2,856	51	335	82	145	255
\$5,000 to \$24,999 . . . . .	959	29	58	16	16	12
\$25,000 to \$49,999 . . . . .	115	9	9	-	-	3
\$50,000 or more . . . . .	119	19	26	1	2	5
Customwork and custom hauling . . . . . farms	30,366	812	2,871	927	2,131	2,285
\$1,000	160,788	2,605	5,406	2,307	5,192	6,683
Farms with expenses of-						
\$1 to \$999 . . . . .	10,046	584	2,300	548	1,021	938
\$1,000 to \$4,999 . . . . .	12,204	108	474	335	961	1,060
\$5,000 to \$24,999 . . . . .	7,189	98	58	36	142	261
\$25,000 to \$49,999 . . . . .	622	17	16	1	1	13
\$50,000 or more . . . . .	305	5	23	7	6	13
Cash rent for land, buildings, and grazing fees . . . . . farms	34,940	426	1,506	644	1,431	1,385
\$1,000	1,182,053	1,317	3,172	5,292	15,236	8,123
Farms with expenses of-						
\$1 to \$4,999 . . . . .	8,577	401	1,439	533	717	843
\$5,000 to \$9,999 . . . . .	3,994	14	43	103	527	221
\$10,000 to \$24,999 . . . . .	8,380	4	14	3	164	299
\$25,000 or more . . . . .	13,989	7	10	5	23	22
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	8,558	159	477	146	307	327
\$1,000	68,636	802	2,289	540	572	1,049
Farms with expenses of-						
\$1 to \$999 . . . . .	2,228	80	322	62	137	148
\$1,000 to \$4,999 . . . . .	3,150	53	100	70	157	129
\$5,000 to \$24,999 . . . . .	2,605	19	38	11	12	48
\$25,000 to \$49,999 . . . . .	387	4	9	2	-	-
\$50,000 or more . . . . .	188	3	8	1	1	2
Interest expense . . . . . farms	49,156	1,762	5,150	1,237	2,625	2,795
\$1,000	704,077	9,570	33,843	7,140	13,577	19,494
Farms with expenses of-						
\$1 to \$4,999 . . . . .	20,323	1,295	3,724	866	1,793	1,651
\$5,000 to \$24,999 . . . . .	21,382	366	1,178	340	798	1,050
\$25,000 to \$99,999 . . . . .	6,717	97	202	24	28	82
\$100,000 or more . . . . .	734	4	46	7	6	12
Secured by real estate . . . . . farms	36,961	1,497	3,934	994	1,933	2,037
\$1,000	456,338	5,146	24,708	5,122	10,405	14,475
Farms with expenses of-						
\$1 to \$999 . . . . .	4,282	645	914	192	280	332
\$1,000 to \$4,999 . . . . .	11,729	515	1,804	501	1,037	813
\$5,000 to \$24,999 . . . . .	16,613	309	1,027	288	594	832
\$25,000 to \$49,999 . . . . .	2,827	22	131	6	18	36
\$50,000 or more . . . . .	1,510	6	58	7	4	24
Not secured by real estate . . . . . farms	30,368	691	2,339	588	1,263	1,411
\$1,000	247,739	4,424	9,135	2,018	3,172	5,019
Farms with expenses of-						
\$1 to \$999 . . . . .	7,036	332	1,557	344	563	619
\$1,000 to \$4,999 . . . . .	10,724	202	584	184	563	561
\$5,000 to \$24,999 . . . . .	10,536	95	134	47	125	211
\$25,000 to \$49,999 . . . . .	1,521	48	22	7	3	12
\$50,000 or more . . . . .	551	14	42	6	9	8
Property taxes paid . . . . . farms	82,051	4,477	14,745	3,296	6,085	5,823
\$1,000	346,765	5,276	23,624	5,803	12,884	14,373
Farms with expenses of-						
\$1 to \$4,999 . . . . .	62,053	4,340	14,013	3,081	5,709	5,338
\$5,000 to \$9,999 . . . . .	12,542	82	460	159	269	364
\$10,000 to \$24,999 . . . . .	6,142	40	217	44	104	110
\$25,000 or more . . . . .	1,314	15	55	12	3	11

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
Utilities (see text) . . . . . farms	4,800	3,305	3,205	13,209	11,578	6,011	1,255
\$1,000	9,385	8,318	8,100	42,347	49,503	38,846	15,344
Farms with expenses of-							
\$1 to \$999 . . . . .	2,117	1,271	1,182	3,136	1,402	346	43
\$1,000 to \$4,999 . . . . .	2,409	1,689	1,769	8,469	7,365	3,093	357
\$5,000 to \$24,999 . . . . .	263	322	240	1,532	2,682	2,413	743
\$25,000 to \$49,999 . . . . .	5	18	10	50	91	117	78
\$50,000 or more . . . . .	6	5	4	22	38	42	34
Supplies, repairs, and maintenance . . . . . farms	6,288	4,302	3,989	15,005	12,359	6,348	1,332
\$1,000	25,720	23,889	24,314	114,834	163,986	133,768	53,595
Farms with expenses of-							
\$1 to \$4,999 . . . . .	4,823	2,874	2,537	7,349	3,173	855	99
\$5,000 to \$24,999 . . . . .	1,401	1,320	1,306	7,055	7,845	3,863	500
\$25,000 to \$49,999 . . . . .	50	69	120	479	1,014	1,133	382
\$50,000 or more . . . . .	14	39	26	122	327	497	351
Hired farm labor . . . . . farms	1,679	1,129	1,265	5,948	6,468	4,339	1,154
\$1,000	9,299	8,559	10,974	51,576	74,340	89,011	56,952
Farms with expenses of-							
\$1 to \$4,999 . . . . .	1,497	960	1,056	4,355	3,805	1,865	191
\$5,000 to \$24,999 . . . . .	167	124	175	1,265	1,898	1,333	364
\$25,000 to \$99,999 . . . . .	7	39	26	292	679	1,011	470
\$100,000 to \$249,999 . . . . .	3	3	4	26	71	111	101
\$250,000 or more . . . . .	5	3	4	10	15	19	28
Contract labor . . . . . farms	390	350	209	1,105	1,255	779	200
\$1,000	1,031	1,267	475	4,502	7,275	4,526	5,114
Farms with expenses of-							
\$1 to \$999 . . . . .	175	119	76	449	303	178	12
\$1,000 to \$4,999 . . . . .	169	152	99	397	673	426	72
\$5,000 to \$24,999 . . . . .	43	75	34	235	223	145	73
\$25,000 to \$49,999 . . . . .	3	2	-	12	37	16	24
\$50,000 or more . . . . .	-	2	-	12	19	14	19
Customwork and custom hauling . . . . . farms	2,846	1,708	1,707	6,552	5,194	2,754	579
\$1,000	10,495	8,175	7,145	35,140	35,343	27,674	14,623
Farms with expenses of-							
\$1 to \$999 . . . . .	853	423	485	1,588	885	382	39
\$1,000 to \$4,999 . . . . .	1,414	781	803	2,809	2,333	993	133
\$5,000 to \$24,999 . . . . .	546	479	413	2,023	1,724	1,132	277
\$25,000 to \$49,999 . . . . .	20	14	2	110	206	162	60
\$50,000 or more . . . . .	13	11	4	22	46	85	70
Cash rent for land, buildings, and grazing fees . . . . . farms	2,169	1,564	1,859	8,588	9,185	5,240	943
\$1,000	21,958	17,955	24,926	182,020	381,586	369,130	151,338
Farms with expenses of-							
\$1 to \$4,999 . . . . .	873	516	534	1,604	914	185	18
\$5,000 to \$9,999 . . . . .	315	337	359	1,232	590	221	32
\$10,000 to \$24,999 . . . . .	923	535	731	3,053	1,826	764	64
\$25,000 or more . . . . .	58	176	235	2,699	5,855	4,070	829
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	424	376	400	1,692	2,346	1,459	445
\$1,000	911	1,450	1,865	8,987	17,716	20,603	11,851
Farms with expenses of-							
\$1 to \$999 . . . . .	173	181	122	449	380	162	12
\$1,000 to \$4,999 . . . . .	211	111	178	740	938	398	65
\$5,000 to \$24,999 . . . . .	38	83	96	430	921	703	206
\$25,000 to \$49,999 . . . . .	1	-	2	62	73	133	101
\$50,000 or more . . . . .	1	1	2	11	34	63	61
Interest expense . . . . . farms	3,604	2,286	2,382	10,516	9,995	5,591	1,213
\$1,000	23,694	19,378	23,365	117,381	191,440	170,093	75,103
Farms with expenses of-							
\$1 to \$4,999 . . . . .	2,045	1,109	1,218	3,929	1,925	695	73
\$5,000 to \$24,999 . . . . .	1,452	1,012	1,019	5,603	5,761	2,500	303
\$25,000 to \$99,999 . . . . .	103	162	135	954	2,144	2,164	622
\$100,000 or more . . . . .	4	3	10	30	165	232	215
Secured by real estate . . . . . farms	2,643	1,634	1,686	7,762	7,580	4,248	1,013
\$1,000	17,973	13,705	15,467	77,059	119,923	105,249	47,105
Farms with expenses of-							
\$1 to \$999 . . . . .	322	178	165	613	468	149	24
\$1,000 to \$4,999 . . . . .	1,100	568	642	2,419	1,635	614	81
\$5,000 to \$24,999 . . . . .	1,137	782	817	4,276	4,102	2,093	356
\$25,000 to \$49,999 . . . . .	62	101	46	342	969	860	234
\$50,000 or more . . . . .	22	5	16	112	406	532	318
Not secured by real estate . . . . . farms	1,920	1,399	1,498	6,961	7,145	4,231	922
\$1,000	5,720	5,673	7,898	40,322	71,516	64,844	27,997
Farms with expenses of-							
\$1 to \$999 . . . . .	731	404	318	1,243	574	317	34
\$1,000 to \$4,999 . . . . .	871	673	758	3,023	2,306	902	97
\$5,000 to \$24,999 . . . . .	311	307	373	2,546	3,748	2,234	405
\$25,000 to \$49,999 . . . . .	2	10	42	116	388	632	239
\$50,000 or more . . . . .	5	5	7	33	129	146	147
Property taxes paid . . . . . farms	6,409	4,139	3,967	14,194	11,656	5,974	1,286
\$1,000	18,849	15,725	14,670	67,238	75,418	64,811	28,093
Farms with expenses of-							
\$1 to \$4,999 . . . . .	5,728	3,390	3,099	9,173	5,996	1,916	270
\$5,000 to \$9,999 . . . . .	565	554	744	3,982	3,479	1,657	227
\$10,000 to \$24,999 . . . . .	104	169	112	961	1,987	1,912	382
\$25,000 or more . . . . .	12	26	12	78	194	489	407

See footnote(s) at end of table.

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Table 55. Summary by Size of Farm: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARM PRODUCTION EXPENSES <sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) . . . . . farms	64,832	2,911	8,114	1,870	4,125	4,391
\$1,000	673,475	21,276	51,356	7,499	15,629	25,848
Farms with expenses of-						
\$1 to \$4,999 . . . . .	38,522	2,393	7,118	1,705	3,730	3,710
\$5,000 to \$24,999 . . . . .	20,805	364	745	127	317	534
\$25,000 to \$49,999 . . . . .	3,350	59	93	28	52	84
\$50,000 to \$99,999 . . . . .	1,423	53	50	3	10	25
\$100,000 or more . . . . .	732	42	108	7	16	38
Production expenses paid by landlords <sup>3</sup> . . . . . farms	10,057	106	353	89	301	387
\$1,000	169,575	171	4,398	227	848	1,301
Depreciation expenses claimed (see text) . . . . . farms	49,049	1,499	3,967	944	2,246	2,633
\$1,000	1,005,074	27,633	57,906	8,028	17,307	25,037
<b>NET CASH FARM INCOME (SEE TEXT) <sup>2</sup></b>						
Net cash farm income of operations (see text) . . . . . farms						
\$1,000	90,648	4,918	16,210	3,620	6,898	6,426
Average per farm . . . . . dollars	2,863,769	27,772	69,307	16,835	21,438	42,699
	31,592	5,647	4,276	4,651	3,108	6,645
Farms with net gains <sup>4</sup> . . . . . number	60,139	1,912	7,324	1,795	4,006	4,072
Average net gain . . . . . dollars	58,054	34,199	22,961	22,308	13,332	19,225
Gain of-						
Less than \$1,000 . . . . .	4,051	588	1,956	225	469	238
\$1,000 to \$4,999 . . . . .	9,046	432	2,805	695	1,333	1,036
\$5,000 to \$9,999 . . . . .	7,216	140	760	420	997	1,137
\$10,000 to \$24,999 . . . . .	11,948	336	978	264	782	1,050
\$25,000 to \$49,999 . . . . .	9,806	193	370	118	301	403
\$50,000 or more . . . . .	18,072	223	455	73	124	208
Farms with net losses . . . . . number	30,509	3,006	8,886	1,825	2,892	2,354
Average net loss . . . . . dollars	20,570	12,514	11,125	12,717	11,054	15,117
Loss of-						
Less than \$1,000 . . . . .	3,867	685	1,650	236	373	242
\$1,000 to \$4,999 . . . . .	9,849	1,190	3,706	865	1,146	813
\$5,000 to \$9,999 . . . . .	6,228	500	1,719	443	734	532
\$10,000 to \$24,999 . . . . .	5,386	320	1,118	186	464	516
\$25,000 to \$49,999 . . . . .	2,498	136	388	59	108	163
\$50,000 or more . . . . .	2,681	175	305	36	67	88
Net cash farm income of operators (see text) . . . . . farms	90,648	4,918	16,210	3,620	6,898	6,426
\$1,000	2,624,949	24,508	75,954	17,584	20,530	41,408
Average per farm . . . . . dollars	28,958	4,983	4,886	4,857	2,976	6,444
Operators reporting net gains <sup>4</sup> . . . . . farms	59,502	1,949	7,361	1,825	4,029	4,012
Average net gain . . . . . dollars	54,850	30,094	23,540	21,864	12,911	19,173
Gain of-						
Less than \$1,000 . . . . .	4,142	623	1,998	233	481	231
\$1,000 to \$4,999 . . . . .	9,385	453	2,812	714	1,378	1,021
\$5,000 to \$9,999 . . . . .	7,329	199	794	419	995	1,101
\$10,000 to \$24,999 . . . . .	12,387	283	935	265	732	1,054
\$25,000 to \$49,999 . . . . .	9,788	183	358	128	325	410
\$50,000 or more . . . . .	16,471	208	464	66	118	195
Operators reporting net losses . . . . . farms	31,146	2,969	8,849	1,795	2,869	2,414
Average net loss . . . . . dollars	20,508	11,500	10,998	12,433	10,975	14,711
Loss of-						
Less than \$1,000 . . . . .	3,888	736	1,632	239	360	258
\$1,000 to \$4,999 . . . . .	9,893	1,106	3,704	835	1,136	848
\$5,000 to \$9,999 . . . . .	6,261	508	1,730	443	732	543
\$10,000 to \$24,999 . . . . .	5,650	319	1,099	185	468	515
\$25,000 to \$49,999 . . . . .	2,629	142	382	55	107	164
\$50,000 or more . . . . .	2,825	158	302	38	66	86
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total . . . . . farms	17,025	22	371	190	551	667
\$1,000	709,718	(D)	(D)	462	2,390	4,084
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . . farms						
\$1,000	40,681	984	4,056	1,372	2,418	2,512
Customwork and other agricultural services . . . . . farms	339,770	9,384	39,758	13,749	19,613	18,201
\$1,000	10,771	93	341	132	300	351
Gross cash rent or share payments . . . . . farms	103,243	1,420	2,148	580	1,592	1,756
\$1,000	12,081	497	2,607	863	1,220	1,187
Sales of forest products, excluding Christmas trees and maple products . . . . . farms	170,001	6,699	33,310	12,041	16,392	14,634
\$1,000	688	10	52	26	55	62
Recreational services (see text) . . . . . farms	4,934	(D)	228	(D)	363	405
\$1,000	256	2	18	5	13	16
\$1,000	880	(D)	75	(D)	14	72

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
All other production expenses (see text) . . . . . farms	5,222	3,418	3,562	13,171	11,011	5,781	1,256
\$1,000 . . . . .	25,666	16,097	24,027	118,187	168,319	140,349	59,221
Farms with expenses of-							
\$1 to \$4,999 . . . . .	4,002	2,568	2,378	6,801	3,240	785	92
\$5,000 to \$24,999 . . . . .	1,102	784	1,053	5,553	6,300	3,355	571
\$25,000 to \$49,999 . . . . .	100	51	84	578	916	999	306
\$50,000 to \$99,999 . . . . .	10	6	35	167	402	479	183
\$100,000 or more . . . . .	8	9	12	72	153	163	104
Production expenses paid by landlords <sup>2</sup> . . . . . farms	516	364	504	2,345	2,825	1,912	355
\$1,000 . . . . .	3,597	3,720	3,680	26,465	47,288	57,814	20,064
Depreciation expenses claimed (see text) . . . . . farms	3,546	2,560	2,622	11,118	10,747	5,910	1,257
\$1,000 . . . . .	40,335	25,799	33,380	164,464	256,909	244,392	103,882
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>							
Net cash farm income of operations (see text) . . . . . farms							
\$1,000 . . . . .	7,199	4,737	4,454	15,759	12,692	6,397	1,338
Average per farm . . . . . dollars	80,143	85,168	88,521	485,944	762,089	790,267	393,586
11,132 . . . . .		17,979	19,875	30,836	60,045	123,537	294,160
Farms with net gains <sup>4</sup> . . . . . number	5,013	3,411	3,349	12,226	10,352	5,506	1,173
Average net gain . . . . . dollars	22,096	31,363	33,469	47,968	86,273	156,439	354,043
Gain of-							
Less than \$1,000 . . . . .	172	126	49	148	72	8	-
\$1,000 to \$4,999 . . . . .	861	447	258	791	321	63	4
\$5,000 to \$9,999 . . . . .	1,056	671	484	1,112	363	69	7
\$10,000 to \$24,999 . . . . .	1,846	1,120	1,117	3,113	1,108	194	40
\$25,000 to \$49,999 . . . . .	814	644	908	3,325	2,190	495	45
\$50,000 or more . . . . .	264	403	533	3,737	6,298	4,677	1,077
Farms with net losses . . . . . number	2,186	1,326	1,105	3,533	2,340	891	165
Average net loss . . . . . dollars	14,010	16,449	21,327	28,449	55,988	79,785	131,553
Loss of-							
Less than \$1,000 . . . . .	245	64	72	202	87	9	2
\$1,000 to \$4,999 . . . . .	622	247	278	664	231	82	5
\$5,000 to \$9,999 . . . . .	561	409	259	682	325	58	6
\$10,000 to \$24,999 . . . . .	478	372	313	971	481	150	17
\$25,000 to \$49,999 . . . . .	198	173	125	454	468	201	25
\$50,000 or more . . . . .	82	61	58	560	748	391	110
Net cash farm income of operators (see text) . . . . . farms	7,199	4,737	4,454	15,759	12,692	6,397	1,338
\$1,000 . . . . .	74,059	80,317	86,047	454,980	701,383	686,173	362,007
Average per farm . . . . . dollars	10,287	16,955	19,319	28,871	55,262	107,265	270,558
Operators reporting net gains <sup>4</sup> . . . . . farms	4,938	3,350	3,313	12,129	10,193	5,252	1,151
Average net gain . . . . . dollars	21,293	30,660	33,130	45,951	81,582	146,343	336,928
Gain of-							
Less than \$1,000 . . . . .	168	116	38	151	98	5	-
\$1,000 to \$4,999 . . . . .	883	437	289	914	388	87	9
\$5,000 to \$9,999 . . . . .	1,036	656	500	1,145	398	77	9
\$10,000 to \$24,999 . . . . .	1,805	1,153	1,138	3,363	1,318	299	42
\$25,000 to \$49,999 . . . . .	820	613	866	3,189	2,273	579	44
\$50,000 or more . . . . .	226	375	482	3,367	5,718	4,205	1,047
Operators reporting net losses . . . . . farms	2,261	1,387	1,141	3,630	2,499	1,145	187
Average net loss . . . . . dollars	13,748	16,147	20,783	28,198	52,094	71,981	137,955
Loss of-							
Less than \$1,000 . . . . .	242	75	72	181	80	12	1
\$1,000 to \$4,999 . . . . .	665	237	327	670	267	90	8
\$5,000 to \$9,999 . . . . .	552	430	236	662	307	112	6
\$10,000 to \$24,999 . . . . .	542	417	309	1,023	542	211	20
\$25,000 to \$49,999 . . . . .	169	155	128	544	533	226	24
\$50,000 or more . . . . .	91	73	69	550	770	494	128
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>							
Total . . . . . farms	1,240	830	976	4,385	4,772	2,582	439
\$1,000 . . . . .	11,136	8,535	13,625	105,262	236,842	239,283	87,631
<b>INCOME FROM FARM-RELATED SOURCES</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . . farms							
\$1,000 . . . . .	3,243	2,089	2,265	8,638	8,171	4,069	864
22,270 . . . . .		14,803	12,786	56,673	63,510	48,441	20,584
Customwork and other agricultural services . . . . . farms	482	376	449	2,418	3,411	1,970	448
\$1,000 . . . . .	2,735	2,624	2,354	18,257	30,998	26,668	12,111
Gross cash rent or share payments . . . . . farms	1,074	675	599	1,774	1,041	460	84
\$1,000 . . . . .	15,410	9,854	7,816	25,147	16,285	9,080	3,333
Sales of forest products, excluding Christmas trees and maple products . . . . . farms	58	52	48	149	125	37	14
\$1,000 . . . . .	311	408	382	870	1,089	431	288
Recreational services (see text) . . . . . farms	13	15	20	57	48	32	17
\$1,000 . . . . .	24	32	31	167	145	155	160

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) farms	24,233	387	1,132	426	1,009	1,168
\$1,000	27,174	249	600	157	357	464
Other farm-related income sources (see text) farms	8,445	190	646	223	463	487
\$1,000	33,537	1,004	3,396	817	894	870
<b>LAND USE</b>						
Total cropland farms	84,755	2,829	13,980	3,533	6,495	6,021
acres	27,153,291	14,134	279,814	151,354	409,589	542,520
Harvested cropland farms	67,338	1,249	6,965	2,120	4,384	4,481
acres	23,994,343	4,787	112,526	74,661	235,674	343,599
Farms by acres harvested:						
1 to 49 acres	14,687	1,249	6,965	1,423	1,714	1,224
50 to 99 acres	7,557	-	-	697	2,670	1,507
100 to 199 acres	11,660	-	-	-	-	1,750
200 to 499 acres	17,404	-	-	-	-	-
500 to 999 acres	10,515	-	-	-	-	-
1,000 to 1,999 acres	4,630	-	-	-	-	-
2,000 acres or more	885	-	-	-	-	-
Cropland-						
For pasture or grazing only farms	20,676	797	3,035	750	1,303	1,458
acres	1,355,181	2,546	31,562	14,338	32,295	46,034
On which all crops failed farms	1,395	19	151	58	95	114
acres	45,029	35	1,153	640	1,366	2,245
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) farms	29,532	1,025	6,834	1,621	2,807	2,395
acres	1,758,758	6,766	134,573	61,715	140,254	150,642
In cultivated summer fallow farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Total woodland farms	21,515	270	3,101	1,178	1,892	2,001
acres	1,336,752	653	35,325	28,006	56,927	75,978
Woodland pastured farms	9,809	145	1,173	390	681	814
acres	548,815	358	11,629	7,539	16,349	24,071
Woodland not pastured farms	14,593	137	2,135	886	1,347	1,410
acres	787,937	295	23,696	20,467	40,578	51,907
Pastureland and rangeland, other than cropland and woodland pastured (see text) farms	23,863	1,095	3,700	961	1,534	1,690
acres	1,735,421	3,995	47,521	23,060	44,961	62,551
Land in house lots, ponds, roads, wasteland, etc. farms	56,291	2,626	8,273	2,028	3,823	3,744
acres	1,504,026	6,997	52,182	21,666	44,865	55,109
Irrigated land farms	976	182	162	19	35	35
acres	142,109	227	848	210	439	505
Harvested cropland farms	934	178	149	19	29	32
acres	141,438	220	762	210	336	502
Pastureland and other land farms	45	4	14	-	7	3
acres	671	7	86	-	103	3
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs farms	30,454	719	6,348	1,529	2,640	2,336
acres	1,694,138	5,119	122,776	52,568	116,908	126,724
Land used to raise certified organically produced crops (see text) farms	364	8	35	12	38	42
acres	46,557	21	558	325	1,653	2,632
Land enrolled in Federal or other crop insurance programs (see text) farms	45,205	129	1,607	812	2,176	2,425
acres	19,609,071	669	35,969	33,579	132,462	202,003
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>						
Estimated market value of land and buildings farms	90,648	4,918	16,210	3,620	6,898	6,426
\$1,000	64,154,298	487,387	2,111,817	542,090	1,344,229	1,551,470
Average per farm dollars	707,730	99,103	130,279	149,749	194,872	241,436
Average per acre dollars	2,005	18,081	5,108	2,577	2,383	2,057
Farms by value group:						
\$1 to \$49,999	9,531	2,520	5,215	593	533	264
\$50,000 to \$99,999	9,784	905	4,388	1,107	1,468	844
\$100,000 to \$199,999	14,535	907	3,879	1,237	2,749	1,938
\$200,000 to \$499,999	22,282	481	2,249	567	1,882	3,017
\$500,000 to \$999,999	14,637	66	324	88	205	267
\$1,000,000 to \$1,999,999	11,607	29	99	22	31	69
\$2,000,000 to \$4,999,999	7,413	10	55	3	25	25
\$5,000,000 to \$9,999,999	793	-	1	2	4	2
\$10,000,000 or more	66	-	-	1	1	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.							
Patronage dividends and refunds from cooperatives (see text) farms	1,974	1,204	1,484	6,015	5,912	2,928	594
\$1,000	1,055	707	1,198	5,925	7,964	6,443	2,054
Other farm-related income sources (see text) farms	705	473	547	1,988	1,720	835	168
\$1,000	2,735	1,179	1,004	6,307	7,029	5,664	2,637
<b>LAND USE</b>							
Total cropland farms	7,104	4,481	4,412	15,383	12,999	6,198	1,320
acres	908,253	706,678	845,744	4,704,338	7,949,231	7,358,943	3,282,693
Harvested cropland farms	5,803	3,769	3,932	14,456	12,728	6,141	1,310
acres	665,855	522,009	678,920	4,068,100	7,306,624	6,902,124	3,079,464
Farms by acres harvested:							
1 to 49 acres	755	443	319	480	98	14	3
50 to 99 acres	947	532	371	693	119	18	3
100 to 199 acres	4,101	2,275	1,237	1,877	378	39	3
200 to 499 acres	-	519	2,005	11,406	3,234	225	15
500 to 999 acres	-	-	-	-	8,899	1,566	50
1,000 to 1,999 acres	-	-	-	-	-	4,279	351
2,000 acres or more	-	-	-	-	-	-	885
Cropland-							
For pasture or grazing only farms	1,669	1,138	1,067	4,149	3,385	1,602	323
acres	62,348	52,725	57,678	284,156	357,391	291,240	122,848
On which all crops failed farms	126	81	99	292	217	122	21
acres	2,998	1,936	2,603	8,851	9,462	8,967	4,773
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) farms	2,460	1,508	1,341	4,174	3,278	1,676	413
acres	177,052	130,008	106,543	343,231	275,754	156,612	75,608
In cultivated summer fallow farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Total woodland farms	1,850	1,412	1,276	3,999	2,913	1,333	290
acres	86,916	78,991	78,135	302,662	307,531	193,583	92,045
Woodland pastured farms	826	644	579	2,048	1,631	714	164
acres	29,442	27,672	29,556	126,795	149,084	90,195	36,125
Woodland not pastured farms	1,257	974	875	2,636	1,853	888	195
acres	57,474	51,319	48,579	175,867	158,447	103,388	55,920
Pastureland and rangeland, other than cropland and woodland pastured (see text) farms	1,825	1,323	1,329	4,454	3,806	1,766	380
acres	77,022	69,300	82,116	348,830	438,362	335,363	202,340
Land in house lots, ponds, roads, wasteland, etc. farms	4,828	3,031	3,025	10,799	9,041	4,205	868
acres	75,133	58,596	65,684	309,222	388,413	301,505	124,654
Irrigated land farms	38	22	24	104	155	138	62
acres	1,486	1,364	2,816	10,524	27,742	49,727	46,221
Harvested cropland farms	35	21	22	98	152	137	62
acres	(D)	(D)	(D)	10,213	(D)	(D)	46,221
Pastureland and other land farms	3	1	2	7	3	1	-
acres	(D)	(D)	(D)	311	(D)	(D)	-
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs farms	2,415	1,527	1,418	4,646	4,038	2,278	560
acres	156,788	119,029	104,871	364,691	291,291	167,930	65,443
Land used to raise certified organically produced crops (see text) farms	43	27	22	82	40	10	5
acres	3,232	2,854	3,266	14,354	10,116	3,768	3,778
Land enrolled in Federal or other crop insurance programs (see text) farms	3,843	2,491	2,753	11,236	10,983	5,563	1,187
acres	455,703	353,594	474,972	3,138,417	6,084,304	6,029,783	2,667,616
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>							
Estimated market value of land and buildings farms	7,199	4,737	4,454	15,759	12,692	6,397	1,338
\$1,000	2,234,413	1,824,181	1,974,409	10,941,023	17,572,192	16,682,280	6,888,807
Average per farm dollars	310,378	385,092	443,289	694,271	1,384,509	2,607,829	5,148,585
Average per acre dollars	1,968	1,954	1,858	1,903	1,969	1,968	1,840
Farms by value group:							
\$1 to \$49,999	222	91	27	65	-	1	-
\$50,000 to \$99,999	474	140	152	295	11	-	-
\$100,000 to \$199,999	1,540	813	472	752	232	16	-
\$200,000 to \$499,999	4,376	2,539	2,158	4,054	831	109	19
\$500,000 to \$999,999	537	1,059	1,498	7,581	2,633	326	53
\$1,000,000 to \$1,999,999	22	81	136	2,910	6,768	1,353	87
\$2,000,000 to \$4,999,999	13	12	10	98	2,197	4,425	540
\$5,000,000 to \$9,999,999	14	1	1	3	20	167	578
\$10,000,000 or more	1	1	-	1	-	-	61

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres	
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Estimated market value of all machinery and equipment	farms \$1,000	88,859 8,923,379	4,625 112,807	15,601 339,957	3,422 90,081	6,706 250,758	6,314 287,477
Farms by value group:							
\$1 to \$4,999	12,931	1,992	5,756	883	1,361	867	
\$5,000 to \$9,999	7,986	896	3,093	600	990	879	
\$10,000 to \$19,999	9,377	568	2,732	679	1,251	1,164	
\$20,000 to \$49,999	17,755	793	2,677	837	1,728	1,848	
\$50,000 to \$99,999	14,088	183	730	295	784	857	
\$100,000 to \$199,999	12,846	96	368	52	410	510	
\$200,000 to \$499,999	11,024	76	209	65	152	146	
\$500,000 or more	2,852	21	36	11	30	43	
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Tractors	farms number	83,313 266,070	3,942 6,499	13,697 25,902	3,089 6,697	6,208 14,556	5,791 14,941
Less than 40 horsepower (PTO)	farms number	37,582 58,562	2,157 2,973	7,421 10,727	1,511 2,376	3,026 4,420	2,670 3,915
40 to 99 horsepower (PTO)	farms number	60,593 106,497	2,187 2,921	8,599 12,001	2,141 3,113	4,202 7,165	4,196 7,557
100 horsepower (PTO) or more	farms number	49,844 101,011	503 605	2,515 3,174	769 1,208	2,274 2,971	2,517 3,469
Grain and bean combines (see text)	farms number	41,026 44,901	329 352	1,703 1,831	591 641	1,610 1,727	1,819 1,973
Cotton pickers and strippers	farms number	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms number	2,773 2,912	45 54	137 147	37 46	73 73	149 162
Hay balers	farms number	27,147 31,293	759 786	3,253 3,464	812 939	1,669 1,825	1,861 2,097
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners	farms acres treated	56,912 16,295,095	559 1,919	3,280 53,148	1,302 41,841	3,147 150,893	3,422 233,522
Manure	farms acres treated	26,512 2,333,984	341 1,041	1,655 20,287	483 10,880	1,152 32,473	1,506 46,735
Acres treated with chemicals to control-							
Insects	farms acres	20,331 3,714,004	233 877	1,052 13,069	388 13,244	1,099 44,086	1,041 58,490
Weeds, grass, or brush	farms acres	46,334 16,716,673	575 2,172	3,395 56,343	1,151 40,756	2,859 153,780	2,832 219,956
Nematodes	farms acres	1,782 292,947	19 145	69 221	44 1,728	75 4,069	118 5,831
Diseases in crops and orchards	farms acres	834 113,930	90 336	110 1,111	32 1,083	39 969	47 2,130
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	190 3,196	62 261	20 88	- -	27 (D)	- -
<b>TENURE</b>							
Full owners	farms	49,889	4,361	14,160	3,049	5,289	4,482
Part owners	farms	30,265	114	1,177	466	788	1,064
Tenants	farms	10,501	336	941	328	744	754
<b>OWNED AND RENTED LAND</b>							
Land owned	farms acres	80,876 18,364,478	4,477 116,446	15,401 883,018	3,536 382,319	6,171 703,235	5,625 838,208
Owned land in farms	farms acres	80,154 15,646,472	4,475 23,833	15,337 371,176	3,515 191,235	6,077 459,092	5,546 584,402
Land rented or leased from others	farms acres	41,084 16,269,487	462 4,560	2,167 54,762	823 40,712	1,576 104,710	1,855 166,018
Rented or leased land in farms	farms acres	40,766 16,083,018	450 1,946	2,118 43,666	794 32,851	1,532 97,250	1,818 151,756
Land rented or leased to others	farms acres	17,098 2,904,475	753 95,227	3,892 522,938	1,275 198,945	1,769 251,603	1,665 268,068
<b>NUMBER OF OPERATORS</b>							
Total operators	number	127,166	6,846	22,101	5,205	9,288	8,657
Farms by number of operators:							
1 operator	60,439	3,139	11,308	2,686	4,710	4,328	
2 operators	25,841	1,461	4,468	1,012	1,851	1,699	
3 operators	3,175	150	316	102	195	192	
4 operators	833	31	118	33	44	61	
5 or more operators	367	30	68	10	21	20	
Total women operators	number	28,143	1,831	5,843	1,275	2,272	2,034
Farms by number of women operators:							
1 operator	25,714	1,609	5,364	1,162	2,104	1,847	
2 operators	946	72	186	43	69	70	
3 operators	133	13	30	5	6	11	
4 operators	14	6	-	3	-	1	
5 or more operators	15	3	3	-	2	2	

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres	
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>								
Estimated market value of all machinery and equipment	farms \$1,000	7,074 401,136	4,707 305,485	4,390 434,067	15,656 1,677,739	12,646 2,316,834	6,380 1,969,470	1,338 737,568
Farms by value group:								
\$1 to \$4,999	603	520	289	513	94	47	6	
\$5,000 to \$9,999	579	246	165	419	100	14	5	
\$10,000 to \$19,999	947	605	425	839	149	14	4	
\$20,000 to \$49,999	2,471	1,572	1,378	3,329	957	139	26	
\$50,000 to \$99,999	1,463	1,112	1,039	4,538	2,615	435	37	
\$100,000 to \$199,999	627	380	681	4,082	4,301	1,223	116	
\$200,000 to \$499,999	368	204	277	1,593	3,910	3,510	514	
\$500,000 or more	16	68	136	343	520	998	630	
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>								
Tractors	farms 6,686 number 20,115	4,499 13,908	4,221 13,820	15,140 56,116	12,411 54,171	6,301 31,327	1,328 8,018	
Less than 40 horsepower (PTO)	farms 2,964 number 4,814	1,787 3,110	1,766 2,640	6,392 10,437	4,940 8,059	2,410 4,032	538 1,059	
40 to 99 horsepower (PTO)	farms 5,196 number 9,345	3,548 6,510	3,397 6,266	11,900 22,068	9,462 18,012	4,796 9,386	969 2,153	
100 horsepower (PTO) or more	farms 3,893 number 5,956	2,781 4,288	3,008 4,914	12,511 23,611	11,653 28,100	6,130 17,909	1,290 4,806	
Grain and bean combines (see text)	farms 2,726 number 2,951	1,941 2,074	2,237 2,427	10,176 10,980	10,692 11,528	5,926 6,683	1,276 1,734	
Cotton pickers and strippers	farms - number -	- -	- -	- -	- -	- -	- -	
Forage harvesters, self-propelled (see text)	farms 114 number 114	116 134	173 173	760 784	714 729	369 397	86 99	
Hay balers	farms 2,058 number 2,281	1,597 1,927	1,459 1,703	6,181 7,387	4,881 5,747	2,185 2,601	432 536	
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>								
Commercial fertilizer, lime, and soil conditioners	farms 5,076 acres treated 474,605	3,280 358,272	3,454 465,319	13,752 2,770,581	12,131 4,901,472	6,214 4,797,912	1,295 2,045,611	
Manure	farms 1,787 acres treated 73,602	1,410 73,831	1,439 75,648	6,786 526,159	6,264 723,979	3,016 526,467	673 222,882	
Acres treated with chemicals to control-								
Insects	farms 1,641 acres 125,601	1,010 93,777	1,196 122,557	4,995 703,919	4,709 1,122,432	2,531 1,002,913	436 413,039	
Weeds, grass, or brush	farms 4,268 acres 490,186	2,591 359,618	2,726 463,433	11,152 3,035,861	9,397 5,222,747	4,668 4,946,618	720 1,725,203	
Nematodes	farms 168 acres 9,651	114 10,236	87 6,227	435 52,429	438 97,822	183 81,182	32 23,406	
Diseases in crops and orchards	farms 54 acres 3,605	53 2,392	16 1,537	143 15,048	150 34,154	85 40,879	15 10,686	
Chemicals used to control growth, thin fruit, or defoliate	farms 11 acres on which used 550	- -	- -	49 1,304	8 295	12 528	1 (D)	
<b>TENURE</b>								
Full owners	farms 4,623	2,726	2,274	5,569	2,302	750	304	
Part owners	farms 1,518	1,186	1,543	7,642	9,027	4,829	911	
Tenants	farms 1,145	709	689	2,381	1,734	634	106	
<b>OWNED AND RENTED LAND</b>								
Land owned	farms 6,258 acres 1,063,888	3,964 824,608	3,866 839,831	13,356 3,637,360	11,397 4,237,911	5,606 3,196,110	1,219 1,641,544	
Owned land in farms	farms 6,141 acres 835,281	3,912 652,653	3,817 714,263	13,211 3,190,346	11,329 3,952,543	5,579 3,066,413	1,215 1,605,235	
Land rented or leased from others	farms 2,698 acres 324,871	1,920 278,689	2,249 365,919	10,067 2,507,938	10,784 5,180,740	5,466 5,137,991	1,017 2,102,577	
Rented or leased land in farms	farms 2,663 acres 312,043	1,895 260,912	2,232 357,416	10,023 2,474,706	10,761 5,130,994	5,463 5,122,981	1,017 2,096,497	
Land rented or leased to others	farms 1,494 acres 241,435	997 189,732	821 134,071	2,340 480,246	1,391 335,114	593 144,707	108 42,389	
<b>NUMBER OF OPERATORS</b>								
Total operators	number 9,858	6,400	6,288	21,756	18,683	9,679	2,405	
Farms by number of operators:								
1 operator	5,076	3,160	3,020	10,497	8,402	3,517	596	
2 operators	1,947	1,258	1,260	4,346	3,946	2,105	488	
3 operators	194	138	180	548	551	456	153	
4 operators	49	40	35	135	122	106	59	
5 or more operators	20	25	11	66	42	29	25	
Total women operators	number 2,181	1,420	1,318	4,248	3,570	1,766	385	
Farms by number of women operators:								
1 operator	2,020	1,277	1,200	3,894	3,285	1,639	313	
2 operators	63	53	51	153	99	56	31	
3 operators	10	11	4	16	20	5	2	
4 operators	-	1	1	-	1	-	1	
5 or more operators	1	-	-	-	4	-	-	

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	84,451	4,287	14,372	3,436	6,131	5,732
Female .....	6,204	524	1,906	407	690	568
Primary occupation:						
Farming .....	61,935	1,881	6,636	1,812	3,576	3,779
Other .....	28,720	2,930	9,642	2,031	3,245	2,521
Place of residence:						
On farm operated .....	69,329	3,624	11,809	2,639	4,430	4,222
Not on farm operated .....	21,326	1,187	4,469	1,204	2,391	2,078
Days worked off farm:						
None .....	41,409	1,231	4,992	1,341	2,453	2,482
Any .....	49,246	3,580	11,286	2,502	4,368	3,818
1 to 49 days .....	6,380	226	778	207	342	324
50 to 99 days .....	3,131	112	351	93	185	191
100 to 199 days .....	6,084	248	975	226	439	406
200 days or more .....	33,651	2,994	9,182	1,976	3,402	2,897
Years on present farm:						
2 years or less .....	2,314	297	781	162	250	211
3 or 4 years .....	4,493	470	1,371	323	461	369
5 to 9 years .....	12,038	1,200	3,409	662	1,195	992
10 years or more .....	71,810	2,844	10,717	2,696	4,915	4,728
Average years on present farm .....	23.9	15.8	18.6	20.7	21.6	23.3
Age group:						
Under 25 years .....	869	99	151	38	71	50
25 to 34 years .....	5,282	484	992	220	440	395
35 to 44 years .....	17,331	1,263	3,468	665	1,065	986
45 to 49 years .....	12,407	684	2,247	460	710	746
50 to 54 years .....	12,148	679	2,100	488	890	743
55 to 59 years .....	10,582	438	1,809	454	805	700
60 to 64 years .....	9,645	323	1,569	433	787	728
65 to 69 years .....	8,075	400	1,331	347	635	583
70 years and over .....	14,316	441	2,611	738	1,418	1,369
Average age .....	54.3	49.8	53.8	55.6	56.2	56.5
Spanish, Hispanic, or Latino origin (see text) .....	380	16	71	14	26	19
Race:						
White .....	90,472	4,792	16,224	3,826	6,809	6,286
Black or African American .....	31	1	8	2	-	-
American Indian or Alaska Native .....	61	8	13	7	2	9
Native Hawaiian or Other Pacific Islander .....	2	1	1	-	-	-
Asian .....	25	3	8	5	1	5
More than one race reported .....	64	6	24	3	9	-
Operators living on an American Indian reservation .....	1	1	-	-	-	-
Farms by number of persons living in operator's household:						
1 person .....	11,876	582	2,564	624	1,057	964
2 people .....	43,296	1,917	7,327	1,894	3,482	3,164
3 people .....	11,361	642	1,975	453	772	773
4 people .....	12,869	917	2,389	462	835	730
5 or more people .....	11,253	753	2,023	410	675	669
Percent of operator's total household income from farming:						
Less than 25 percent .....	36,935	3,347	11,654	2,576	4,111	3,336
25 to 49 percent .....	12,304	434	1,568	448	1,121	1,129
50 to 74 percent .....	16,287	465	1,576	426	889	989
75 to 99 percent .....	11,096	159	580	192	320	381
100 percent .....	11,522	212	542	133	276	332
Operator is a hired manager .....	2,511 farms	194	358	68	104	133
acres	1,272,488	884	9,218	3,919	8,529	15,663
Farms with-						
Computer for farm business .....	41,722	2,095	5,932	1,405	2,359	2,309
Internet access .....	48,857	2,704	8,532	1,785	3,131	2,872
Farms by number of households sharing in net income of farm:						
1 household .....	67,219	3,800	13,200	3,033	5,373	4,818
2 households .....	15,043	579	2,012	540	1,026	1,042
3 households .....	3,396	111	346	123	197	166
4 households .....	1,365	72	190	46	76	78
5 households or more .....	1,121	55	172	33	45	63
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	78,699 farms	4,263	14,885	3,483	6,191	5,661
acres	24,657,577	23,222	381,473	202,959	504,893	661,482
Partnership .....	5,792 farms	255	759	203	357	373
acres	3,011,172	1,226	18,256	11,901	29,182	43,549
Registered under state law .....	2,592 farms	151	397	86	143	149
acres	1,502,606	717	9,315	5,044	11,665	17,364

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>							
Sex of operator:							
Male .....	6,733	4,314	4,257	14,966	12,803	6,125	1,295
Female .....	553	307	249	626	260	88	26
Primary occupation:							
Farming .....	4,872	3,270	3,437	13,132	12,217	6,039	1,284
Other .....	2,414	1,351	1,069	2,460	846	174	37
Place of residence:							
On farm operated .....	5,067	3,371	3,391	12,518	11,484	5,614	1,160
Not on farm operated .....	2,219	1,250	1,115	3,074	1,579	599	161
Days worked off farm:							
None .....	3,132	2,077	2,174	7,984	8,025	4,464	1,054
Any .....	4,154	2,544	2,332	7,608	5,038	1,749	267
1 to 49 days .....	407	264	266	1,284	1,476	710	96
50 to 99 days .....	217	176	176	621	676	300	33
100 to 199 days .....	489	347	353	1,271	988	302	40
200 days or more .....	3,041	1,757	1,537	4,432	1,898	437	98
Years on present farm:							
2 years or less .....	171	91	65	165	85	26	10
3 or 4 years .....	352	202	159	443	269	55	19
5 to 9 years .....	927	549	511	1,359	823	321	90
10 years or more .....	5,836	3,779	3,771	13,625	11,886	5,811	1,202
Average years on present farm .....	25.3	25.9	26.6	27.3	27.5	27.6	27.1
Age group:							
Under 25 years .....	88	53	31	145	107	28	8
25 to 34 years .....	418	287	243	814	662	268	59
35 to 44 years .....	1,145	722	716	2,787	2,803	1,428	283
45 to 49 years .....	835	513	529	2,085	2,127	1,202	269
50 to 54 years .....	807	552	528	2,022	1,988	1,095	256
55 to 59 years .....	841	517	524	1,836	1,650	855	153
60 to 64 years .....	728	511	500	1,815	1,517	603	131
65 to 69 years .....	776	475	508	1,580	1,010	355	75
70 years and over .....	1,648	991	927	2,508	1,199	379	87
Average age .....	56.8	56.3	56.6	54.9	52.5	51.2	51.2
Spanish, Hispanic, or Latino origin (see text) .....	26	24	25	80	50	20	9
Race:							
White .....	7,271	4,611	4,498	15,575	13,057	6,202	1,321
Black or African American .....	7	5	2	3	2	1	-
American Indian or Alaska Native .....	4	3	3	2	2	8	-
Native Hawaiian or Other Pacific Islander .....	-	-	-	-	-	-	-
Asian .....	-	2	-	-	1	-	-
More than one race reported .....	4	-	3	12	1	2	-
Operators living on an American Indian reservation .....	-	-	-	-	-	-	-
Farms by number of persons living in operator's household:							
1 person .....	1,156	696	599	1,925	1,150	451	108
2 people .....	3,726	2,336	2,334	7,745	6,001	2,774	596
3 people .....	809	536	539	1,978	1,849	848	187
4 people .....	845	537	548	2,111	2,157	1,108	230
5 or more people .....	750	516	486	1,833	1,906	1,032	200
Percent of operator's total household income from farming:							
Less than 25 percent .....	3,083	1,686	1,406	3,586	1,603	468	79
25 to 49 percent .....	1,490	934	796	2,437	1,477	413	57
50 to 74 percent .....	1,443	1,003	1,122	3,935	3,003	1,202	234
75 to 99 percent .....	580	476	560	2,664	3,128	1,687	369
100 percent .....	531	424	511	2,553	3,384	2,117	507
Operator is a hired manager .....	159 farms	98 farms	111 farms	417 farms	468 farms	326 farms	75 farms
acres	25,003	19,313	26,378	156,507	336,992	434,230	235,852
Farms with-							
Computer for farm business .....	2,804	1,854	1,836	7,412	8,096	4,574	1,046
Internet access .....	3,270	2,147	2,108	8,112	8,431	4,693	1,072
Farms by number of households sharing in net income of farm:							
1 household .....	5,477	3,399	3,266	11,186	9,178	3,843	646
2 households .....	1,291	850	845	2,957	2,305	1,267	329
3 households .....	226	148	173	640	634	468	164
4 households .....	73	61	61	223	251	168	66
5 households or more .....	60	65	50	169	227	141	41
<b>FARMS BY TYPE OF ORGANIZATION</b>							
Family or individual .....	6,578 farms	4,133 farms	4,004 farms	13,707 farms	10,691 farms	4,343 farms	760 farms
acres	1,035,519	816,729	952,096	4,974,216	7,379,904	5,657,728	2,067,356
Partnership .....	447 farms	284 farms	315 farms	996 farms	901 farms	624 farms	278 farms
acres	70,464	56,304	75,125	359,558	635,314	856,553	853,740
Registered under state law .....	174 farms	116 farms	124 farms	390 farms	387 farms	302 farms	173 farms
acres	27,296	23,103	29,760	141,980	272,028	425,764	538,570

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation . . . . . farms	5,279	211	437	96	156	191
acres	3,862,248	863	9,804	5,665	12,770	22,160
Family held . . . . . farms	4,900	161	310	74	131	156
acres	3,742,023	632	7,183	4,356	10,781	18,211
More than 10 stockholders . . . . . farms	110	6	9	2	4	9
10 or less stockholders . . . . . farms	4,790	155	301	72	127	147
Other than family held . . . . . farms	379	50	127	22	25	35
acres	120,225	231	2,621	1,309	1,989	3,949
More than 10 stockholders . . . . . farms	55	5	19	1	7	9
10 or less stockholders . . . . . farms	324	45	108	21	18	26
Other-cooperative, estate or trust, institutional, etc . . . . . farms	885	82	197	61	117	75
acres	198,493	468	5,309	3,561	9,497	8,967
<b>HIRED FARM LABOR</b>						
Hired farm labor . . . . . farms	28,135	933	2,066	558	1,166	1,430
workers	82,991	3,282	7,717	1,233	3,389	4,197
Workers by days worked:						
150 days or more . . . . . farms	9,057	252	406	75	147	238
workers	22,027	912	1,833	359	580	833
Less than 150 days . . . . . farms	24,103	851	1,941	512	1,135	1,275
workers	60,964	2,370	5,884	874	2,809	3,364
Migrant farm labor on farms with hired labor (see text) . . . . . farms	101	10	6	-	12	13
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	39	-	-	-	-	-
<b>FARMS BY SIZE</b>						
1 to 9 acres . . . . .	4,811	4,811	-	-	-	-
10 to 49 acres . . . . .	16,278	-	16,278	-	-	-
50 to 69 acres . . . . .	3,843	-	-	3,843	-	-
70 to 99 acres . . . . .	6,821	-	-	-	6,821	-
100 to 139 acres . . . . .	6,300	-	-	-	-	6,300
140 to 179 acres . . . . .	7,286	-	-	-	-	-
180 to 219 acres . . . . .	4,621	-	-	-	-	-
220 to 259 acres . . . . .	4,506	-	-	-	-	-
260 to 499 acres . . . . .	15,592	-	-	-	-	-
500 to 999 acres . . . . .	13,063	-	-	-	-	-
1,000 to 1,999 acres . . . . .	6,213	-	-	-	-	-
2,000 acres or more . . . . .	1,321	-	-	-	-	-
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) . . . . .	42,509	230	2,458	1,028	2,505	2,518
Vegetable and melon farming (1112) . . . . .	317	88	127	16	21	19
Fruit and tree nut farming (1113) . . . . .	284	75	110	19	36	19
Greenhouse, nursery, and floriculture production (1114) . . . . .	580	233	216	25	24	25
Other crop farming (1119) . . . . .	18,891	1,041	7,551	1,583	2,402	1,813
Tobacco farming (11191) . . . . .	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	18,891	1,041	7,551	1,583	2,402	1,813
Beef cattle ranching and farming (11211) . . . . .	10,065	724	2,117	606	1,013	990
Cattle feedlots (11212) . . . . .	4,259	297	547	141	192	228
Dairy cattle and milk production (11212) . . . . .	2,306	53	128	58	122	214
Hog and pig farming (1122) . . . . .	5,742	864	793	96	227	228
Poultry and egg production (1123) . . . . .	442	120	135	17	32	33
Sheep and goat farming (1124) . . . . .	1,098	305	529	61	65	45
Animal aquaculture and other animal production (1125, 1129) . . . . .	4,162	781	1,567	193	182	168
<b>LIVESTOCK</b>						
Cattle and calves inventory . . . . . farms	32,169	1,182	3,537	1,057	1,912	2,176
number	3,535,945	28,227	138,997	39,551	82,769	109,105
Farms with-						
1 to 9 . . . . .	3,586	721	1,281	189	265	177
10 to 49 . . . . .	12,134	355	1,883	698	1,254	1,311
50 to 99 . . . . .	6,899	52	217	122	286	485
100 to 199 . . . . .	5,373	34	92	32	74	153
200 to 499 . . . . .	3,115	14	34	10	26	42
500 or more . . . . .	1,062	6	30	6	7	8
Cows and heifers that had calved . . . . . farms	25,676	662	2,511	884	1,575	1,881
number	1,194,635	7,822	43,956	16,292	31,521	47,507
Beef cows . . . . . farms	23,313	598	2,351	819	1,415	1,643
number	987,670	5,644	30,755	13,231	26,875	37,468
Farms with-						
1 to 9 . . . . .	3,855	447	1,258	264	367	282
10 to 49 . . . . .	13,021	134	1,039	539	993	1,268
50 to 99 . . . . .	4,235	16	38	15	41	78
100 to 199 . . . . .	1,771	1	13	-	11	14
200 to 499 . . . . .	397	-	2	1	3	1
500 or more . . . . .	34	-	1	-	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>							
Corporation . . . . . farms	190	158	135	788	1,428	1,217	272
acres	30,081	31,428	32,288	296,448	1,038,582	1,638,680	743,479
Family held . . . . . farms	171	148	123	760	1,404	1,197	265
acres	27,151	29,443	29,450	286,086	1,021,352	1,612,096	695,282
More than 10 stockholders . . . . . farms	7	7	5	10	21	20	10
10 or less stockholders . . . . . farms	164	141	118	750	1,383	1,177	255
Other than family held . . . . . farms	19	10	12	28	24	20	7
acres	2,930	1,985	2,838	10,362	17,230	26,584	48,197
More than 10 stockholders . . . . . farms	2	2	2	2	1	2	3
10 or less stockholders . . . . . farms	17	8	10	26	23	18	4
Other-cooperative, estate or trust, institutional, etc . . . . . farms	71	46	52	101	43	29	11
acres	11,260	9,104	12,170	34,830	29,737	36,433	37,157
<b>HIRED FARM LABOR</b>							
Hired farm labor . . . . . farms	1,679	1,129	1,265	5,948	6,468	4,339	1,154
workers	4,694	3,009	4,022	15,663	17,573	12,789	5,423
Workers by days worked:							
150 days or more . . . . . farms	273	181	216	1,653	2,329	2,380	907
workers	740	396	668	3,341	4,711	4,824	2,830
Less than 150 days . . . . . farms	1,525	1,063	1,130	5,106	5,257	3,464	844
workers	3,954	2,613	3,354	12,322	12,862	7,965	2,593
Migrant farm labor on farms with hired labor (see text) . . . . . farms	1	-	1	7	29	19	3
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	-	20	-	9	7	3	-
<b>FARMS BY SIZE</b>							
1 to 9 acres . . . . .	-	-	-	-	-	-	-
10 to 49 acres . . . . .	-	-	-	-	-	-	-
50 to 69 acres . . . . .	-	-	-	-	-	-	-
70 to 99 acres . . . . .	-	-	-	-	-	-	-
100 to 139 acres . . . . .	-	-	-	-	-	-	-
140 to 179 acres . . . . .	7,286	-	-	-	-	-	-
180 to 219 acres . . . . .	-	4,621	-	-	-	-	-
220 to 259 acres . . . . .	-	-	4,506	-	-	-	-
260 to 499 acres . . . . .	-	-	-	15,592	-	-	-
500 to 999 acres . . . . .	-	-	-	-	13,063	-	-
1,000 to 1,999 acres . . . . .	-	-	-	-	-	6,213	-
2,000 acres or more . . . . .	-	-	-	-	-	-	1,321
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>							
Oilseed and grain farming (1111) . . . . .	3,878	2,339	2,514	9,764	9,314	4,884	1,077
Vegetable and melon farming (1112) . . . . .	13	4	4	9	10	5	1
Fruit and tree nut farming (1113) . . . . .	8	5	2	9	-	-	1
Greenhouse, nursery, and floriculture production (1114) . . . . .	13	4	12	16	10	2	-
Other crop farming (1119) . . . . .	1,398	852	577	1,196	386	75	17
Tobacco farming (11191) . . . . .	-	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	1,398	852	577	1,196	386	75	17
Beef cattle ranching and farming (11211) . . . . .	894	622	531	1,514	791	217	46
Cattle feedlots (11212) . . . . .	265	215	246	876	793	380	79
Dairy cattle and milk production (1122) . . . . .	304	220	220	621	294	65	7
Hog and pig farming (1122) . . . . .	318	238	274	1,146	1,073	430	55
Poultry and egg production (1123) . . . . .	14	10	10	28	29	11	3
Sheep and goat farming (1124) . . . . .	33	11	13	27	8	1	-
Animal aquaculture and other animal production (1125, 1129) . . . . .	148	101	103	386	355	143	35
<b>LIVESTOCK</b>							
Cattle and calves inventory . . . . . farms	2,558	1,819	1,868	6,786	5,903	2,782	589
number	146,136	124,005	151,958	713,700	975,755	715,459	310,283
Farms with-							
1 to 9 . . . . .	218	111	90	263	176	88	7
10 to 49 . . . . .	1,314	808	767	2,119	1,177	390	58
50 to 99 . . . . .	711	557	586	1,990	1,348	484	61
100 to 199 . . . . .	241	272	339	1,662	1,723	641	110
200 to 499 . . . . .	64	59	70	635	1,176	819	166
500 or more . . . . .	10	12	16	117	303	360	187
Cows and heifers that had calved . . . . . farms	2,169	1,544	1,542	5,546	4,724	2,184	454
number	65,265	53,247	57,427	262,326	314,346	208,121	86,805
Beef cows . . . . . farms	1,880	1,327	1,329	4,944	4,444	2,124	439
number	49,759	38,605	41,783	205,969	269,783	187,401	80,397
Farms with-							
1 to 9 . . . . .	267	167	134	360	205	88	16
10 to 49 . . . . .	1,427	962	969	3,057	1,899	650	84
50 to 99 . . . . .	165	183	206	1,252	1,537	611	93
100 to 199 . . . . .	15	15	19	248	731	596	108
200 to 499 . . . . .	6	-	1	25	71	176	111
500 or more . . . . .	-	-	-	2	1	3	27

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows .....	farms 3,034	81	208	82	194	282
number	206,965	2,178	13,201	3,061	4,646	10,039
Farms with-						
1 to 4 .....	333	40	87	23	37	33
5 to 9 .....	128	13	20	8	19	10
10 to 49 .....	1,136	19	70	36	125	175
50 to 99 .....	966	6	19	11	11	51
100 to 199 .....	331	1	5	3	1	9
200 to 499 .....	112	1	2	-	-	4
500 or more .....	28	1	5	1	1	-
Other cattle (see text) .....	farms 29,013	981	2,973	899	1,683	1,937
number	2,341,310	20,405	95,041	23,259	51,248	61,598
Cattle and calves sold .....	farms 29,515	1,006	2,868	902	1,667	1,964
number	2,929,704	28,979	146,148	27,417	61,330	72,352
\$1,000	2,119,935	18,912	100,884	17,904	40,289	45,980
Calves weighing less than 500 pounds .....	farms 9,504	297	1,047	360	684	827
number	259,122	7,051	19,526	4,239	11,706	15,990
Cattle, including calves weighing						
500 pounds or more .....	farms 26,277	840	2,402	748	1,417	1,663
number	2,670,582	21,928	126,622	23,178	49,624	56,362
Cattle on feed (see text) .....	farms 10,386	355	784	216	379	460
number	1,806,291	14,501	96,794	12,384	28,502	27,152
Hogs and pigs inventory .....	farms 10,205	872	890	134	326	360
number	15,486,531	1,222,253	2,522,940	379,095	337,410	507,578
Farms with-						
1 to 24 .....	821	152	165	28	70	63
25 to 49 .....	297	33	44	13	22	20
50 to 99 .....	432	55	41	9	29	27
100 to 199 .....	733	49	49	14	50	47
200 to 499 .....	1,999	134	117	24	59	71
500 or more .....	5,923	449	474	46	96	132
Used or to be used for breeding .....	farms 4,386	312	365	56	173	180
number	1,145,323	85,519	270,169	45,938	29,648	28,470
Other hogs and pigs .....	farms 9,863	825	832	127	311	342
number	14,341,208	1,136,734	2,252,771	333,157	307,762	479,108
Hogs and pigs sold .....	farms 11,275	929	968	147	385	396
number	41,232,492	3,634,529	7,588,308	1,006,834	1,073,739	989,509
\$1,000	3,078,455	247,536	502,848	74,792	73,466	83,318
Sheep and lambs of all ages						
inventory (see text) .....	farms 3,751	428	931	158	252	228
number	249,908	15,447	41,738	10,579	14,813	13,671
Ewes 1 year old or older .....	farms 3,531	388	873	146	232	210
number	130,808	8,013	23,263	5,334	8,062	8,286
Sheep and lambs sold .....	farms 2,903	353	711	128	188	155
number	257,130	15,264	45,143	9,688	12,276	11,670
Horses and ponies inventory .....	farms 11,482	1,060	3,289	662	930	822
number	77,123	6,482	22,759	4,850	6,346	6,524
Horses and ponies sold .....	farms 2,775	367	989	170	220	207
number	10,601	945	3,426	925	815	873
Goats, All inventory .....	farms 1,167	163	371	79	104	86
number	18,898	2,829	5,841	1,247	2,014	1,168
Goats sold .....	farms 497	75	174	35	51	38
number	11,093	1,762	3,890	1,163	705	530
<b>POULTRY</b>						
Layers 20 weeks old and older						
inventory .....	farms 1,934	249	551	105	185	161
number	38,650,210	1,917,000	6,161,079	(D)	3,439,679	6,953,710
Farms with-						
1 to 399 .....	1,812	232	529	100	174	148
400 to 3,199 .....	26	2	6	1	5	3
3,200 to 9,999 .....	21	2	2	2	3	1
10,000 to 19,999 .....	9	-	1	-	-	-
20,000 to 49,999 .....	10	1	1	-	-	-
50,000 to 99,999 .....	11	5	3	-	-	-
100,000 or more .....	46	7	9	2	3	9
Pullets for laying flock replacement						
inventory .....	farms 472	55	119	23	51	50
number	7,403,989	12,597	823,921	1,415	181,239	2,336,315
Layers and pullets sold (see text) .....	farms 462	61	122	30	44	46
number	30,174,804	1,667,488	5,983,199	1,072,662	1,311,195	7,572,809
Broilers and other meat-type chickens						
sold .....	farms 629	109	181	26	55	39
number	9,558,127	(D)	598,014	83,731	838,823	271,707
Farms with-						
1 to 1,999 .....	557	105	165	23	40	30
2,000 to 59,999 .....	51	1	14	3	13	9
60,000 to 99,999 .....	2	1	-	-	1	-
100,000 or more .....	19	2	2	-	1	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>LIVESTOCK - Con.</b>							
Cattle and calves inventory - Con.							
Cows and heifers that had calved - Con.							
Milk cows . . . . . farms	353	256	259	777	404	122	16
number	15,506	14,642	15,644	56,357	44,563	20,720	6,408
Farms with-							
1 to 4 . . . . .	29	15	10	40	13	6	-
5 to 9 . . . . .	14	7	7	20	8	2	-
10 to 49 . . . . .	177	111	108	227	65	21	2
50 to 99 . . . . .	115	108	101	348	168	27	1
100 to 199 . . . . .	16	12	27	116	103	32	6
200 to 499 . . . . .	2	2	5	23	44	26	3
500 or more . . . . .	-	1	1	3	3	8	4
Other cattle (see text) . . . . . farms	2,285	1,638	1,700	6,285	5,497	2,586	549
number	80,871	70,758	94,531	451,374	661,409	507,338	223,478
Cattle and calves sold . . . . . farms	2,314	1,672	1,764	6,441	5,693	2,679	545
number	87,579	79,785	106,305	538,483	819,037	668,339	293,950
\$1,000	53,070	50,583	73,685	375,914	597,078	513,114	232,521
Calves weighing less than 500 pounds . . . . . farms	889	596	618	2,019	1,426	645	96
number	16,763	14,494	14,051	54,592	59,097	32,758	8,855
Cattle, including calves weighing 500 pounds or more . . . . . farms	1,993	1,485	1,543	5,840	5,305	2,511	530
number	70,816	65,291	92,254	483,891	759,940	635,581	285,095
Cattle on feed (see text) . . . . . farms	653	480	552	2,405	2,558	1,280	264
number	28,940	32,080	55,500	300,227	528,416	466,512	215,283
Hogs and pigs inventory . . . . . farms	529	368	442	2,241	2,521	1,266	256
number	441,950	407,980	594,535	2,504,059	3,496,414	2,294,907	777,410
Farms with-							
1 to 24 . . . . .	66	37	32	108	59	34	7
25 to 49 . . . . .	21	7	22	66	36	12	1
50 to 99 . . . . .	33	31	18	82	75	28	4
100 to 199 . . . . .	65	38	40	181	145	49	6
200 to 499 . . . . .	132	87	98	569	494	189	25
500 or more . . . . .	212	168	232	1,235	1,712	954	213
Used or to be used for breeding . . . . . farms	271	174	202	1,022	1,033	487	111
number	47,676	38,915	49,836	153,921	224,037	111,814	59,380
Other hogs and pigs . . . . . farms	500	358	428	2,183	2,465	1,242	250
number	394,274	369,065	544,699	2,350,138	3,272,377	2,183,093	718,030
Hogs and pigs sold . . . . . farms	578	406	509	2,473	2,819	1,389	276
number	1,194,110	1,261,046	1,396,925	6,368,652	9,317,730	5,321,589	2,079,521
\$1,000	82,873	86,923	110,086	506,714	718,897	434,243	156,759
Sheep and lambs of all ages inventory (see text) . . . . . farms	224	155	190	554	451	159	21
number	12,983	10,836	17,694	48,656	41,735	19,542	2,214
Ewes 1 year old or older . . . . . farms	215	151	178	528	436	154	20
number	7,209	5,184	8,222	23,118	20,743	12,142	1,232
Sheep and lambs sold . . . . . farms	164	129	142	408	376	136	13
number	14,398	9,948	20,097	43,277	51,819	22,474	1,076
Horses and ponies inventory . . . . . farms	705	462	421	1,279	1,129	584	139
number	4,940	3,402	2,733	8,330	6,329	3,224	1,204
Horses and ponies sold . . . . . farms	154	106	76	204	185	86	11
number	637	441	345	1,071	693	357	73
Goats, All inventory . . . . . farms	77	49	49	99	68	19	3
number	1,464	758	648	1,327	1,296	(D)	(D)
Goats sold . . . . . farms	32	20	12	29	26	4	1
number	839	419	(D)	586	646	35	(D)
<b>POULTRY</b>							
Layers 20 weeks old and older inventory . . . . . farms	139	85	71	210	127	41	10
number	(D)	236,686	3,105,109	9,858,942	668,437	49,427	(D)
Farms with-							
1 to 399 . . . . .	134	82	65	191	113	37	7
400 to 3,199 . . . . .	-	-	2	5	1	1	-
3,200 to 9,999 . . . . .	1	-	-	4	3	2	1
10,000 to 19,999 . . . . .	1	1	-	1	4	-	1
20,000 to 49,999 . . . . .	2	-	-	2	3	1	-
50,000 to 99,999 . . . . .	-	1	-	-	2	-	-
100,000 or more . . . . .	1	1	4	7	2	-	1
Pullets for laying flock replacement inventory . . . . . farms	41	18	22	51	29	10	3
number	(D)	808	(D)	1,470,384	236,225	(D)	(D)
Layers and pullets sold (see text) . . . . . farms	26	19	15	46	38	10	5
number	(D)	136,043	1,908,136	4,678,096	1,014,682	(D)	(D)
Broilers and other meat-type chickens sold . . . . . farms	31	22	24	67	49	23	3
number	105,015	(D)	(D)	1,561,040	(D)	1,644,796	(D)
Farms with-							
1 to 1,999 . . . . .	29	19	21	59	47	18	1
2,000 to 59,999 . . . . .	2	1	2	4	-	1	-
60,000 to 99,999 . . . . .	-	-	-	-	-	-	-
100,000 or more . . . . .	-	2	1	4	2	4	1

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>POULTRY - Con.</b>						
Turkeys inventory	farms 355	60	121	14	25	24
	number 3,681,862	212,746	530,215	(D)	17,074	(D)
Turkeys sold	farms 200	27	59	6	11	11
	number 9,145,415	1,325,056	1,681,621	(D)	49,010	997,085
<b>CROPS HARVESTED</b>						
Corn for grain	farms 52,806	213	2,068	995	2,657	3,031
	acres 11,761,392	940	32,932	26,952	96,999	144,749
	bushels 1,851,276,224	140,148	4,793,032	3,953,302	14,576,212	21,839,418
Irrigated	farms 416	-	2	1	1	7
	acres 86,261	-	(D)	(D)	(D)	171
Farms by acres harvested:						
1 to 24 acres	4,881	213	1,653	459	686	532
25 to 99 acres	15,510	-	415	536	1,971	2,350
100 to 249 acres	16,414	-	-	-	-	149
250 to 499 acres	10,115	-	-	-	-	-
500 acres or more	5,886	-	-	-	-	-
Corn for silage or greenchop	farms 6,909	9	97	68	180	325
	acres 247,269	23	965	952	2,579	6,328
	tons 4,726,816	307	15,574	13,836	57,398	123,538
Irrigated	farms 13	-	-	-	1	-
	acres 514	-	-	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	4,025	9	90	55	152	248
25 to 99 acres	2,387	-	7	13	28	71
100 to 249 acres	393	-	-	-	-	6
250 to 499 acres	92	-	-	-	-	-
500 acres or more	12	-	-	-	-	-
Sorghum for grain	farms 38	-	3	1	1	1
	acres 2,355	-	(D)	(D)	(D)	(D)
	bushels 142,814	-	(D)	(D)	(D)	(D)
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	21	-	3	1	1	1
25 to 99 acres	12	-	-	-	-	-
100 to 249 acres	1	-	-	-	-	-
250 to 499 acres	4	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Wheat for grain, All	farms 412	-	13	7	13	20
	acres 18,317	-	155	68	266	505
	bushels 961,995	-	7,139	3,515	12,283	26,950
Irrigated	farms 1	-	-	-	-	-
	acres (D)	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	212	-	13	6	8	14
25 to 99 acres	157	-	-	1	5	4
100 to 249 acres	35	-	-	-	-	2
250 to 499 acres	6	-	-	-	-	-
500 acres or more	2	-	-	-	-	-
Barley for grain	farms 152	2	1	3	4	14
	acres 4,166	(D)	(D)	(D)	68	169
	bushels 241,818	(D)	(D)	(D)	4,950	10,556
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	98	2	1	3	3	13
25 to 99 acres	49	-	-	-	1	1
100 to 249 acres	3	-	-	-	-	-
250 to 499 acres	2	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Oats for grain	farms 6,963	15	238	123	355	431
	acres 143,513	67	1,776	1,244	4,507	6,179
	bushels 10,761,952	5,092	115,973	85,725	313,679	443,142
Irrigated	farms 1	-	-	-	-	-
	acres (D)	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	5,144	15	234	116	332	382
25 to 99 acres	1,732	-	4	7	23	49
100 to 249 acres	84	-	-	-	-	-
250 to 499 acres	2	-	-	-	-	-
500 acres or more	1	-	-	-	-	-
Flaxseed	farms 2	-	1	-	-	-
	acres (D)	-	(D)	-	-	-
	bushels (D)	-	(D)	-	-	-
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Sunflower seed, All	farms 6	-	2	-	-	-
	acres (D)	-	(D)	-	-	-
	pounds (D)	-	(D)	-	-	-
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	4	-	2	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	1	-	-	-	-	-
250 to 499 acres	1	-	-	-	-	-
500 acres or more	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>POULTRY - Con.</b>							
Turkeys inventory .....	20	15	13	25	29	9	-
..... farms	(D)	(D)	(D)	308,558	591,010	291,584	-
Turkeys sold .....	14	6	6	21	29	9	1
..... farms	(D)	(D)	(D)	508,453	1,402,951	898,260	(D)
..... number							
..... number							
<b>CROPS HARVESTED</b>							
Corn for grain .....	4,669	3,132	3,351	13,107	12,250	6,048	1,285
..... farms	306,451	240,756	318,495	1,960,326	3,602,549	3,479,226	1,551,017
..... acres	47,243,645	37,211,808	49,190,388	304,609,509	566,992,215	551,200,419	249,526,128
..... bushels							
Irrigated .....	14	13	18	67	107	125	61
..... farms	845	756	1,876	5,671	15,796	30,248	30,862
..... acres							
Farms by acres harvested:							
1 to 24 acres .....	410	302	171	346	97	11	1
25 to 99 acres .....	3,827	1,994	1,411	2,281	610	102	13
100 to 249 acres .....	432	836	1,760	9,782	3,134	295	26
250 to 499 acres .....	-	-	9	698	7,948	1,408	52
500 acres or more .....	-	-	-	-	461	4,232	1,193
Corn for silage or greenchop .....	458	408	441	1,799	1,940	964	220
..... farms	9,441	8,837	10,574	56,255	81,248	51,945	18,122
..... acres	171,525	167,592	185,544	1,071,066	1,620,609	982,064	317,763
..... tons							
Irrigated .....	-	2	-	4	-	-	2
..... farms	-	(D)	-	120	-	-	(D)
..... acres							
Farms by acres harvested:							
1 to 24 acres .....	345	289	308	1,090	1,012	387	40
25 to 99 acres .....	107	114	118	613	751	448	117
100 to 249 acres .....	6	5	15	85	129	98	49
250 to 499 acres .....	-	-	-	11	44	26	11
500 acres or more .....	-	-	-	-	4	5	3
Sorghum for grain .....	2	2	2	5	8	4	9
..... farms	(D)	(D)	(D)	64	463	192	1,355
..... acres	(D)	(D)	(D)	6,271	35,650	7,549	79,444
..... bushels							
Irrigated .....	-	-	-	-	-	-	-
..... farms	-	-	-	-	-	-	-
..... acres							
Farms by acres harvested:							
1 to 24 acres .....	2	-	1	4	4	1	3
25 to 99 acres .....	-	2	1	1	3	3	2
100 to 249 acres .....	-	-	-	-	-	-	1
250 to 499 acres .....	-	-	-	-	1	-	3
500 acres or more .....	-	-	-	-	-	-	-
Wheat for grain, All .....	22	24	18	90	85	90	30
..... farms	496	383	794	2,493	3,107	5,931	4,119
..... acres	25,932	16,510	34,022	125,587	164,852	304,023	241,182
..... bushels							
Irrigated .....	-	-	-	1	-	-	-
..... farms	-	-	-	(D)	-	-	-
..... acres							
Farms by acres harvested:							
1 to 24 acres .....	17	20	7	52	41	32	2
25 to 99 acres .....	4	4	8	35	39	43	14
100 to 249 acres .....	1	-	3	3	5	10	11
250 to 499 acres .....	-	-	-	-	5	5	1
500 acres or more .....	-	-	-	-	-	-	2
Barley for grain .....	9	19	18	49	24	4	5
..... farms	163	358	378	1,535	704	150	620
..... acres	8,029	18,005	17,385	91,147	49,341	7,672	33,503
..... bushels							
Irrigated .....	-	-	-	-	-	-	-
..... farms	-	-	-	-	-	-	-
..... acres							
Farms by acres harvested:							
1 to 24 acres .....	7	14	12	30	11	2	-
25 to 99 acres .....	2	5	5	17	12	2	4
100 to 249 acres .....	-	-	1	1	1	-	-
250 to 499 acres .....	-	-	-	1	-	-	1
500 acres or more .....	-	-	-	-	-	-	-
Oats for grain .....	610	442	482	1,864	1,631	631	141
..... farms	9,204	7,249	8,828	38,183	40,339	19,326	6,611
..... acres	691,120	523,885	639,042	2,884,981	3,068,623	1,493,790	496,900
..... bushels							
Irrigated .....	-	-	-	1	-	-	-
..... farms	-	-	-	(D)	-	-	-
..... acres							
Farms by acres harvested:							
1 to 24 acres .....	545	373	371	1,342	1,054	336	44
25 to 99 acres .....	63	66	110	510	547	276	77
100 to 249 acres .....	2	3	1	12	28	18	20
250 to 499 acres .....	-	-	-	-	2	-	-
500 acres or more .....	-	-	-	-	-	1	-
Flaxseed .....	-	-	-	1	-	-	-
..... farms	-	-	-	(D)	-	-	-
..... acres	-	-	-	(D)	-	-	-
..... bushels	-	-	-	-	-	-	-
Irrigated .....	-	-	-	-	-	-	-
..... farms	-	-	-	-	-	-	-
..... acres							
Sunflower seed, All .....	-	1	-	-	2	-	1
..... farms	-	(D)	-	-	(D)	-	(D)
..... acres	-	(D)	-	-	(D)	-	(D)
Irrigated .....	-	-	-	-	-	-	-
..... farms	-	-	-	-	-	-	-
..... acres							
Farms by acres harvested:							
1 to 24 acres .....	-	1	-	-	1	-	-
25 to 99 acres .....	-	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	1	-	-
250 to 499 acres .....	-	-	-	-	-	-	1
500 acres or more .....	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>CROPS HARVESTED - Con.</b>						
Tobacco						
farms	3	-	1	-	-	-
acres	8	-	(D)	-	-	-
pounds	17,678	-	(D)	-	-	-
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-
Farms by acres harvested:						
0.1 to 0.9 acres	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-
2.0 to 2.9 acres	2	-	-	-	-	-
3.0 to 4.9 acres	1	-	1	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-
25.0 acres or more	-	-	-	-	-	-
Soybeans for beans						
farms	48,752	133	1,445	768	2,247	2,556
acres	10,418,621	635	23,581	21,091	80,940	117,264
bushels	487,380,897	29,472	1,037,063	932,854	3,667,059	5,309,955
farms	283	-	1	2	1	6
acres	46,977	-	(D)	(D)	(D)	127
Irrigated	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	3,907	133	1,169	354	538	418
25 to 99 acres	15,373	-	276	414	1,709	2,050
100 to 249 acres	15,183	-	-	-	-	88
250 to 499 acres	9,371	-	-	-	-	-
500 acres or more	4,918	-	-	-	-	-
Dry edible beans, excluding limas						
farms	56	-	5	2	6	3
acres	2,270	-	39	(D)	109	41
cwt	71,739	-	816	(D)	2,032	1,285
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	28	-	5	2	5	3
25 to 99 acres	22	-	-	-	1	-
100 to 249 acres	5	-	-	-	-	-
250 to 499 acres	1	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Potatoes						
farms	117	17	28	6	12	14
acres	1,005	7	32	(D)	7	22
cwt	231,352	2,690	7,393	3,140	1,588	8,502
farms	13	1	4	2	-	3
acres	91	(D)	5	(D)	-	4
Irrigated	-	-	-	-	-	-
Farms by acres harvested:						
0.1 to 4.9 acres	104	17	27	6	12	12
5.0 to 24.9 acres	6	-	1	-	-	2
25.0 to 99.9 acres	3	-	-	-	-	-
100.0 to 249.9 acres	3	-	-	-	-	-
250.0 acres or more	1	-	-	-	-	-
Sweet potatoes						
farms	18	5	4	1	5	-
acres	8	1	4	(D)	1	-
cwt	639	(D)	(D)	(D)	88	-
farms	3	-	1	1	-	-
acres	(D)	-	(D)	(D)	-	-
Irrigated	-	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)						
farms	33,406	530	4,187	1,194	2,216	2,338
acres	1,533,027	2,121	49,971	24,273	50,722	71,008
tons, dry	5,177,896	6,108	128,017	62,919	142,488	207,752
farms	28	-	2	1	-	-
acres	1,424	-	(D)	(D)	-	-
Irrigated	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	15,567	530	3,777	818	1,413	1,182
25 to 99 acres	13,845	-	410	376	802	1,081
100 to 249 acres	3,500	-	-	-	1	75
250 to 499 acres	428	-	-	-	-	-
500 acres or more	66	-	-	-	-	-
Alfalfa hay						
farms	29,114	417	3,371	970	1,844	1,956
acres	1,168,668	1,686	37,960	18,213	38,238	53,647
tons, dry	4,183,945	5,107	105,892	50,719	115,284	164,796
farms	22	-	2	1	-	-
acres	1,214	-	(D)	(D)	-	-
Irrigated	-	-	-	-	-	-
Other tame hay						
farms	5,579	91	724	229	411	435
acres	217,296	341	8,902	4,083	8,665	11,260
tons, dry	426,591	783	15,392	7,211	14,829	20,149
farms	4	-	-	-	-	-
acres	(D)	-	-	-	-	-
Irrigated	-	-	-	-	-	-
Land used for vegetables (see text)						
farms	752	135	199	25	62	46
acres	9,268	235	865	203	384	453
farms	117	17	40	6	14	7
acres	1,197	13	216	88	102	73
Irrigated	-	-	-	-	-	-
Farms by acres harvested:						
0.1 to 4.9 acres	511	124	137	17	50	31
5.0 to 24.9 acres	163	11	57	6	8	9
25.0 to 99.9 acres	57	-	5	2	4	6
100.0 to 249.9 acres	15	-	-	-	-	-
250.0 acres or more	6	-	-	-	-	-
Snap beans harvested for sale						
farms	176	39	57	9	18	14
acres	511	10	70	6	13	5
farms	15	4	4	2	3	-
acres	262	1	(D)	(D)	(D)	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>CROPS HARVESTED - Con.</b>							
Tobacco	-	-	-	1	-	1	-
	farms	-	-	(D)	-	(D)	-
	acres	-	-	(D)	-	(D)	-
	pounds	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-
	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 0.9 acres	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	1	-	1	-
3.0 to 4.9 acres	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-
25.0 acres or more	-	-	-	-	-	-	-
Soybeans for beans	4,197	2,725	3,046	12,420	11,977	5,951	1,287
	farms	-	-	-	-	-	-
	acres	257,555	195,179	263,863	1,681,738	3,232,930	3,133,257
	bushels	11,955,943	9,081,409	12,278,250	78,612,596	151,527,668	147,028,616
Irrigated	12	12	10	41	70	93	35
	farms	-	-	-	-	-	-
	acres	399	522	766	3,032	8,484	18,514
Farms by acres harvested:							
1 to 24 acres	397	230	191	380	88	9	-
25 to 99 acres	3,601	1,996	1,475	2,882	840	110	20
100 to 249 acres	199	499	1,377	8,894	3,723	374	29
250 to 499 acres	-	-	3	264	7,148	1,888	68
500 acres or more	-	-	-	178	-	3,570	1,170
Dry edible beans, excluding limas	8	6	1	5	6	13	1
	farms	-	-	-	-	-	-
	acres	218	199	(D)	291	349	(D)
	cwt	8,023	5,422	(D)	10,388	13,580	25,320
Irrigated	-	-	-	-	-	-	-
	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	4	2	-	1	2	4	-
25 to 99 acres	4	4	1	3	2	6	1
100 to 249 acres	-	-	-	1	2	2	-
250 to 499 acres	-	-	-	-	-	1	-
500 acres or more	-	-	-	-	-	-	-
Potatoes	5	3	4	17	3	7	1
	farms	-	-	-	-	-	-
	acres	7	9	5	69	201	(D)
	cwt	1,110	(D)	658	16,515	60,015	(D)
Irrigated	-	1	-	1	-	1	-
	farms	-	(D)	-	(D)	(D)	-
	acres	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres	5	2	4	15	1	2	1
5.0 to 24.9 acres	-	1	-	1	-	1	-
25.0 to 99.9 acres	-	-	-	1	-	2	-
100.0 to 249.9 acres	-	-	-	-	2	1	-
250.0 acres or more	-	-	-	-	-	1	-
Sweet potatoes	-	2	-	1	-	-	-
	farms	-	-	-	-	-	-
	acres	-	(D)	-	(D)	-	-
	cwt	-	(D)	-	(D)	-	-
Irrigated	-	1	-	-	-	-	-
	farms	-	(D)	-	-	-	-
	acres	-	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	2,703	1,899	1,984	7,078	5,998	2,695	584
	farms	-	-	-	-	-	-
	acres	89,015	73,921	82,418	358,440	388,436	242,195
	tons, dry	287,523	251,521	276,717	1,224,812	1,381,959	872,930
Irrigated	5	1	-	5	8	6	-
	farms	-	-	-	-	-	-
	acres	(D)	(D)	-	328	570	392
Farms by acres harvested:							
1 to 24 acres	1,290	777	779	2,574	1,778	564	85
25 to 99 acres	1,326	1,014	1,063	3,513	2,830	1,247	183
100 to 249 acres	87	108	141	925	1,266	706	191
250 to 499 acres	-	-	1	66	114	160	87
500 acres or more	-	-	-	-	10	18	38
Alfalfa hay	2,329	1,671	1,750	6,309	5,486	2,478	533
	farms	-	-	-	-	-	-
	acres	66,758	57,127	63,830	270,439	301,340	186,577
	tons, dry	223,120	202,001	221,797	977,169	1,127,127	718,842
Irrigated	3	1	-	3	7	5	-
	farms	-	(D)	-	-	-	-
	acres	(D)	(D)	-	311	467	306
Other tame hay	410	305	306	1,153	937	439	139
	farms	-	-	-	-	-	-
	acres	12,638	9,815	10,252	48,772	48,426	32,317
	tons, dry	25,434	17,130	18,426	91,976	101,494	71,947
Irrigated	3	-	-	-	1	-	-
	farms	-	-	-	-	(D)	-
	acres	4	-	-	-	-	-
Land used for vegetables (see text)	50	17	16	65	74	42	21
	farms	-	-	-	-	-	-
	acres	471	132	230	1,211	2,841	2,097
Irrigated	8	4	1	12	5	2	1
	farms	-	(D)	(D)	295	(D)	(D)
	acres	47	-	-	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres	31	11	6	35	39	19	11
5.0 to 24.9 acres	15	4	8	15	11	9	10
25.0 to 99.9 acres	3	2	2	13	14	6	-
100.0 to 249.9 acres	1	-	-	1	7	6	-
250.0 acres or more	-	-	-	-	3	2	-
Snap beans harvested for sale	10	4	3	12	5	5	-
	farms	-	-	-	-	-	-
	acres	(D)	4	1	7	1	(D)
Harvested for processing	1	-	-	-	-	1	-
	farms	-	-	-	-	-	-
	acres	(D)	-	-	-	(D)	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) - Con.						
Peas, green, harvested for sale . . . . . farms	46	3	9	3	5	3
acres	1,140	(Z)	3	1	4	2
Harvested for processing . . . . . farms	6	-	-	-	-	-
acres	493	-	-	-	-	-
Sweet corn harvested for sale . . . . . farms	462	67	108	18	38	27
acres	4,876	101	316	148	224	292
Harvested for processing . . . . . farms	58	8	9	3	4	2
acres	1,891	24	14	23	7	(D)
Tomatoes harvested for sale . . . . . farms	288	74	92	14	26	22
acres	205	28	60	13	26	18
Harvested for processing . . . . . farms	25	6	3	3	2	2
acres	17	5	3	7	(D)	(D)
Field and grass seed crops, All . . . . . farms	87	6	23	7	3	7
acres	2,757	26	183	75	24	363
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
All land in orchards . . . . . farms	493	98	168	33	51	33
acres	3,141	175	771	225	621	366
Irrigated . . . . . farms	26	5	7	2	3	4
acres	(D)	2	(D)	(D)	8	6
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres . . . . .	352	87	111	23	29	21
5.0 to 24.9 acres . . . . .	117	11	55	8	14	8
25.0 to 99.9 acres . . . . .	21	-	2	2	8	3
100.0 to 249.9 acres . . . . .	2	-	-	-	-	1
250.0 acres or more . . . . .	1	-	-	-	-	-
Apples . . . . . farms	344	82	118	19	30	24
Bearing and nonbearing acres	2,025	135	512	122	404	221
Grapes . . . . . farms	133	27	37	15	11	11
Bearing and nonbearing acres	154	23	54	23	13	4
Peaches, All . . . . . farms	61	13	24	3	3	8
Bearing and nonbearing acres	23	3	6	1	2	5
Pecans . . . . . farms	15	1	6	1	1	2
Bearing and nonbearing acres	15	(D)	7	(D)	(D)	(D)
Walnuts, English . . . . . farms	26	3	7	2	7	1
Bearing and nonbearing acres	122	2	39	(D)	23	(D)
Land in berries harvested for sale (see text) . . . . . farms	168	37	50	7	10	17
acres	228	20	86	(D)	11	26
Irrigated . . . . . farms	53	7	20	2	2	8
acres	116	8	44	(D)	(D)	12

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>CROPS HARVESTED - Con.</b>							
Land used for vegetables (see text) - Con.							
Peas, green, harvested for sale . . . . . farms	1	2	-	6	10	4	-
acres	(D)	(D)	-	245	551	330	-
Harvested for processing . . . . . farms	-	-	-	1	3	2	-
acres	-	-	-	(D)	(D)	(D)	-
Sweet corn harvested for sale . . . . . farms	33	11	14	50	50	31	15
acres	195	39	133	497	1,779	1,037	117
Harvested for processing . . . . . farms	3	3	-	7	14	5	-
acres	11	(D)	-	148	1,074	581	-
Tomatoes harvested for sale . . . . . farms	16	4	6	22	9	3	-
acres	18	(D)	6	24	4	(D)	-
Harvested for processing . . . . . farms	2	-	-	1	1	-	-
acres	(D)	-	-	(D)	(D)	-	-
Field and grass seed crops, All . . . . . farms	1	12	2	13	8	4	1
acres	(D)	294	(D)	167	544	(D)	(D)
Irrigated . . . . . farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
All land in orchards . . . . . farms	17	10	7	45	16	11	4
acres	107	109	38	513	158	36	24
Irrigated . . . . . farms	1	2	-	1	1	-	-
acres	(D)	(D)	-	(D)	(D)	-	-
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres . . . . .	12	6	4	39	10	8	2
5.0 to 24.9 acres . . . . .	3	3	3	4	3	3	2
25.0 to 99.9 acres . . . . .	2	1	-	-	3	-	-
100.0 to 249.9 acres . . . . .	-	-	-	1	-	-	-
250.0 acres or more . . . . .	-	-	-	1	-	-	-
Apples . . . . . farms	7	7	5	30	11	7	4
Bearing and nonbearing acres	56	98	16	318	101	22	20
Grapes . . . . . farms	4	-	4	15	5	3	1
Bearing and nonbearing acres	2	-	(D)	18	1	4	(D)
Peaches, All . . . . . farms	-	2	1	5	1	-	1
Bearing and nonbearing acres	-	(D)	(D)	2	(D)	-	(D)
Pecans . . . . . farms	1	-	1	1	1	-	-
Bearing and nonbearing acres	(D)	-	(D)	(D)	(D)	-	-
Walnuts, English . . . . . farms	3	2	1	-	-	-	-
Bearing and nonbearing acres	(D)	(D)	(D)	-	-	-	-
Land in berries harvested for sale (see text)							
acres	9	1	4	17	11	4	1
Irrigated . . . . . farms	19	(D)	6	10	20	15	(D)
acres	4	1	-	4	4	1	-
	(D)	(D)	-	3	13	(D)	-

<sup>1</sup> Data do not include the value of cottonseed and peanuts.  
<sup>2</sup> Data are based on a sample of farms.  
<sup>3</sup> Landlord production expenses are included with total farm production expenses.  
<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 56. Summary by Market Value of Agricultural Products Sold: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARMS AND LAND IN FARMS</b>						
Farms	90,655	1,518	3,246	7,731	14,920	11,718
Land in farms	31,729,490	2,020,016	4,013,512	7,334,327	8,518,319	3,805,197
Average size of farm	350	1,331	1,236	949	571	325
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text)	90,655	1,518	3,246	7,731	14,920	11,718
Average per farm	\$1,000	\$3,549,050	\$2,295,453	\$2,793,270	\$2,544,812	\$901,952
Farms by economic class:	141,333	2,337,977	707,163	361,308	170,564	76,971
Less than \$1,000 (see text)	5,250	-	-	-	-	-
\$1,000 to \$2,499	8,594	-	-	-	-	-
\$2,500 to \$4,999	6,906	-	-	-	-	-
\$5,000 to \$9,999	7,692	-	-	-	-	-
\$10,000 to \$24,999	11,568	-	-	-	-	-
\$25,000 to \$49,999	10,417	-	-	-	-	-
\$50,000 to \$99,999	11,850	-	-	-	-	10,758
\$100,000 to \$249,999	15,240	-	-	-	14,278	959
\$250,000 to \$499,999	8,128	-	-	7,485	642	1
\$500,000 to \$999,999	3,420	-	3,174	246	-	-
\$1,000,000 or more	1,590	1,518	72	-	-	-
\$1,000,000 to \$2,499,999	1,312	1,240	72	-	-	-
\$2,500,000 to \$4,999,999	168	168	-	-	-	-
\$5,000,000 or more	110	110	-	-	-	-
Total sales (see text)	90,655	1,518	3,246	7,731	14,920	11,718
Grains, oilseeds, dry beans, and dry peas	\$1,000	12,273,634	3,518,062	2,231,203	2,679,591	2,417,878
Sales of \$50,000 or more	55,294	1,154	2,903	7,253	13,885	10,648
Tobacco	\$1,000	5,858,528	501,710	981,677	1,706,261	1,698,301
Sales of \$50,000 or more	29,658	1,038	2,626	6,546	11,972	7,476
Cotton and cottonseed	\$1,000	5,334,562	498,879	974,405	1,686,926	1,649,605
Sales of \$50,000 or more	3	-	-	1	2	524,747
Vegetables, melons, potatoes, and sweet potatoes	\$1,000	29	-	(D)	(D)	-
Sales of \$50,000 or more	757	15	34	60	99	102
Fruits, tree nuts, and berries	\$1,000	19,491	(D)	4,722	2,735	3,332
Sales of \$50,000 or more	77	4	11	16	26	20
Nursery, greenhouse, floriculture, and sod (see text)	\$1,000	13,401	2,762	4,386	2,239	1,394
Sales of \$50,000 or more	412	-	9	11	21	42
Cut Christmas trees and short-rotation woody crops	\$1,000	4,496	-	138	660	635
Sales of \$50,000 or more	13	-	-	4	7	2
Other crops and hay (see text)	\$1,000	1,313	-	-	628	(D)
Sales of \$50,000 or more	554	18	15	32	90	68
Milk and other dairy products from cows	\$1,000	77,610	43,325	9,268	8,036	9,216
Sales of \$50,000 or more	165	18	13	26	63	3,628
Hogs and pigs	\$1,000	72,506	43,325	(D)	7,965	8,952
Sales of \$50,000 or more	215	1	5	5	10	14
Sheep, goats, and their products	\$1,000	1,424	(D)	(D)	(D)	188
Sales of \$50,000 or more	2	-	-	2	-	-
Horses, ponies, mules, burros, and donkeys	\$1,000	12,703	134	423	1,114	2,375
Sales of \$50,000 or more	109,695	3,822	8,534	16,360	30,352	19,397
Poultry and eggs	\$1,000	319	19	40	63	139
Sales of \$50,000 or more	29,955	2,483	4,916	6,760	12,127	58
Cattle and calves	\$1,000	29,515	733	1,433	3,258	6,431
Sales of \$50,000 or more	2,119,935	859,950	359,242	342,177	294,424	124,670
Milk and other dairy products from hogs and pigs	\$1,000	6,374	634	1,031	1,855	2,130
Sales of \$50,000 or more	1,770,185	857,799	350,168	310,867	204,524	46,827
Milk and other dairy products from sheep, goats, and their products	\$1,000	2,913	74	165	467	1,179
Sales of \$50,000 or more	442,431	115,233	68,552	95,224	127,549	28,013
Milk and other dairy products from horses, ponies, mules, burros, and donkeys	\$1,000	1,969	74	162	434	1,017
Sales of \$50,000 or more	419,340	115,233	68,462	94,252	122,708	18,684
Milk and other dairy products from poultry and eggs	\$1,000	11,275	964	1,789	2,724	3,045
Sales of \$50,000 or more	3,078,455	1,518,899	767,601	488,809	241,818	46,060
Milk and other dairy products from sheep, goats, and their products	\$1,000	7,453	952	1,705	2,391	2,004
Sales of \$50,000 or more	3,007,680	1,518,665	765,433	480,473	215,982	27,126
Milk and other dairy products from horses, ponies, mules, burros, and donkeys	\$1,000	3,842	28	75	221	523
Sales of \$50,000 or more	23,366	1,968	2,821	4,445	4,588	472
Milk and other dairy products from poultry and eggs	\$1,000	63	5	8	21	9
Sales of \$50,000 or more	10,411	1,818	2,504	3,421	2,102	567
Milk and other dairy products from horses, ponies, mules, burros, and donkeys	\$1,000	2,845	16	40	84	200
Sales of \$50,000 or more	13,643	72	897	398	1,776	1,793
Milk and other dairy products from poultry and eggs	\$1,000	23	-	5	1	5
Sales of \$50,000 or more	2,415	-	790	(D)	(D)	855
Milk and other dairy products from horses, ponies, mules, burros, and donkeys	\$1,000	1,572	106	59	101	168
Sales of \$50,000 or more	511,949	468,687	25,614	11,054	3,832	1,376
Milk and other dairy products from poultry and eggs	\$1,000	222	101	41	46	7
Sales of \$50,000 or more	509,004	468,676	25,587	10,871	3,362	508

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARMS AND LAND IN FARMS</b>						
Farms .....	10,038	9,409	4,902	3,737	3,768	19,668
Land in farms .....	11.1	10.4	5.4	4.1	4.2	21.7
Average size of farm .....	2,066,369	1,294,282	439,522	244,770	180,022	1,813,154
	206	138	90	65	48	92
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text) .....	10,038	9,409	4,902	3,737	3,768	19,668
Average per farm .....	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
	394,543	176,102	42,862	18,071	9,463	86,955
	39,305	18,716	8,744	4,836	2,511	4,421
<b>Farms by economic class:</b>						
Less than \$1,000 (see text) .....	-	-	-	-	-	5,250
\$1,000 to \$2,499 .....	-	-	-	-	3,183	5,411
\$2,500 to \$4,999 .....	-	-	-	3,047	281	3,578
\$5,000 to \$9,999 .....	-	-	4,039	452	186	3,015
\$10,000 to \$24,999 .....	-	8,362	792	217	111	2,086
\$25,000 to \$49,999 .....	9,008	1,020	70	21	7	291
\$50,000 to \$99,999 .....	1,028	27	1	-	-	36
\$100,000 to \$249,999 .....	2	-	-	-	-	1
\$250,000 to \$499,999 .....	-	-	-	-	-	-
\$500,000 to \$999,999 .....	-	-	-	-	-	-
\$1,000,000 or more .....	-	-	-	-	-	-
\$1,000,000 to \$2,499,999 .....	-	-	-	-	-	-
\$2,500,000 to \$4,999,999 .....	-	-	-	-	-	-
\$5,000,000 or more .....	-	-	-	-	-	-
Total sales (see text) .....	10,038	9,409	4,902	3,737	3,768	19,668
	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
	366,087	157,926	35,352	13,593	6,246	915
Grains, oilseeds, dry beans, and dry peas .....	8,555	6,307	2,142	1,226	999	222
Sales of \$50,000 or more .....	251,985	86,473	12,616	3,850	1,578	148
Tobacco .....	-	-	-	-	-	-
Sales of \$50,000 or more .....	-	-	-	-	-	-
Cotton and cottonseed .....	-	-	-	-	-	-
Sales of \$50,000 or more .....	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	112	116	87	72	37	23
Sales of \$50,000 or more .....	1,636	990	(D)	199	44	(D)
Fruits, tree nuts, and berries .....	71	86	59	55	36	22
Sales of \$50,000 or more .....	1,209	849	256	152	40	8
Nursery, greenhouse, floriculture, and sod (see text) .....	86	106	58	43	30	8
Sales of \$50,000 or more .....	2,254	1,396	328	119	37	2
Cut Christmas trees and short-rotation woody crops .....	24	47	37	27	28	17
Sales of \$50,000 or more .....	(D)	361	160	76	48	(D)
Other crops and hay (see text) .....	1,648	1,676	1,014	844	985	618
Sales of \$50,000 or more .....	13,568	10,147	3,803	2,099	1,312	303
Cattle and calves .....	3,877	4,156	2,234	1,430	1,027	236
Sales of \$50,000 or more .....	71,976	47,598	13,499	4,616	1,629	153
Milk and other dairy products from cows .....	287	113	21	5	8	2
Sales of \$50,000 or more .....	6,351	1,417	82	5	(D)	(D)
Hogs and pigs .....	635	374	192	111	114	55
Sales of \$50,000 or more .....	11,153	3,072	675	226	126	15
Sheep, goats, and their products .....	430	501	425	360	469	338
Sales of \$50,000 or more .....	2,228	1,772	1,247	719	510	99
Horses, ponies, mules, burros, and donkeys .....	258	405	414	459	520	208
Sales of \$50,000 or more .....	1,917	2,835	1,795	1,310	736	114
Poultry and eggs .....	146	182	161	128	169	176
Sales of \$50,000 or more .....	606	383	182	96	73	45

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) farms	47	-	2	5	6	7
\$1,000	2,308	-	(D)	(D)	454	268
Sales of \$50,000 or more farms	10	-	-	4	3	3
\$1,000	2,131	-	-	(D)	(D)	267
Other animals and other animal products (see text) farms	563	3	10	12	56	54
\$1,000	10,276	(D)	2,092	1,819	1,494	1,394
Sales of \$50,000 or more farms	36	2	4	6	8	16
\$1,000	7,787	(D)	2,045	1,817	1,225	(D)
Government payments farms	63,074	1,052	2,575	6,422	12,047	8,827
\$1,000	538,896	30,988	64,250	113,679	126,934	55,169
Value of -						
Certified organically produced commodities (see text) farms	402	1	4	21	87	71
\$1,000	13,333	(D)	430	2,186	5,751	1,992
Landlord's share of total sales (see text) farms	10,707	212	578	2,154	3,830	2,043
\$1,000	519,739	38,708	63,726	172,830	176,401	48,947
Agricultural products sold directly to individuals for human consumption (see text) farms	2,455	23	81	145	292	293
\$1,000	11,651	131	417	1,069	2,077	2,810
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>						
Total farm production expenses farms	90,648	1,519	3,269	7,809	14,747	11,736
\$1,000	10,303,448	2,951,237	1,815,577	2,105,493	1,900,806	720,263
Average per farm dollars	113,664	1,942,882	555,392	269,624	128,894	61,372
Fertilizer, lime, and soil conditioners purchased farms	61,514	1,251	3,017	7,486	14,075	11,024
\$1,000	665,890	46,921	95,279	186,432	197,119	79,960
Farms with expenses of-						
\$1 to \$4,999	28,624	201	377	688	2,187	3,990
\$5,000 to \$24,999	25,550	496	1,169	3,471	10,066	6,871
\$25,000 to \$49,999	5,538	262	850	2,651	1,609	163
\$50,000 or more	1,802	292	621	676	213	-
Chemicals purchased farms	54,776	864	1,522	6,328	11,889	9,413
\$1,000	464,509	31,624	45,877	138,741	146,081	58,207
Farms with expenses of-						
\$1 to \$4,999	29,778	130	170	505	2,030	4,238
\$5,000 to \$24,999	20,455	307	580	3,440	8,974	5,111
\$25,000 to \$49,999	3,719	220	492	2,089	845	64
\$50,000 or more	824	207	280	294	40	-
Seeds, plants, vines, and trees farms	59,724	1,185	2,899	7,107	13,594	10,288
\$1,000	603,316	50,250	89,039	164,781	181,647	67,817
Farms with expenses of-						
\$1 to \$999	11,754	45	92	111	259	356
\$1,000 to \$4,999	17,485	107	211	477	1,564	3,647
\$5,000 to \$24,999	24,681	417	1,220	3,821	10,746	6,210
\$25,000 to \$49,999	4,496	306	764	2,396	952	66
\$50,000 or more	1,308	310	612	302	73	9
Livestock and poultry purchased farms	25,756	1,328	2,354	4,029	5,541	3,351
\$1,000	1,854,227	964,933	422,523	266,166	132,750	34,965
Farms with expenses of-						
\$1 to \$4,999	12,317	17	197	782	2,209	1,696
\$5,000 to \$24,999	5,383	45	257	869	1,399	1,190
\$25,000 to \$99,999	4,095	104	329	1,302	1,791	458
\$100,000 to \$249,999	2,216	156	925	986	141	7
\$250,000 or more	1,745	1,006	646	90	1	-
Breeding livestock purchased (see text) farms	13,436	411	832	1,768	3,134	1,983
\$1,000	100,883	43,031	13,847	12,497	13,507	6,715
Other livestock and poultry purchased farms	16,372	1,160	1,989	2,927	3,371	1,843
\$1,000	1,753,344	921,902	408,676	253,669	119,242	28,250
Feed purchased farms	41,037	1,391	2,586	5,098	7,924	5,257
\$1,000	1,922,817	1,008,657	381,681	253,796	163,888	52,531
Farms with expenses of-						
\$1 to \$4,999	22,966	25	204	1,140	2,771	2,972
\$5,000 to \$24,999	8,952	63	400	1,158	2,845	1,798
\$25,000 to \$99,999	5,557	127	625	1,976	2,179	448
\$100,000 to \$249,999	1,952	205	773	782	128	28
\$250,000 or more	1,610	971	584	42	1	11
Gasoline, fuels, and oils farms	87,485	1,512	3,262	7,805	14,662	11,658
\$1,000	348,189	51,986	60,417	72,667	80,853	33,928
Farms with expenses of-						
\$1 to \$4,999	67,422	144	347	1,749	7,782	9,955
\$5,000 to \$24,999	18,367	772	2,105	5,896	6,807	1,703
\$25,000 to \$49,999	1,289	333	696	142	62	-
\$50,000 or more	407	263	114	18	11	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) farms	5	6	6	5	4	1
\$1,000 (D)	(D)	59	(D)	4	(D)	(D)
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Other animals and other animal products (see text) farms	60	85	79	69	83	52
\$1,000	859	574	(D)	121	104	15
Sales of \$50,000 or more farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Government payments farms	6,759	5,125	2,198	1,378	1,095	15,596
\$1,000	28,456	18,176	7,510	4,478	3,217	86,040
<b>Value of -</b>						
Certified organically produced commodities (see text) farms	62	80	33	12	25	6
\$1,000	1,157	682	(D)	27	34	2
Landlord's share of total sales (see text) farms	1,099	513	154	60	46	18
\$1,000	15,250	3,341	418	80	32	5
Agricultural products sold directly to individuals for human consumption (see text) farms	277	361	288	249	287	159
\$1,000	2,082	1,585	779	418	238	47
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>						
Total farm production expenses farms	10,045	9,346	4,863	3,670	3,626	20,018
\$1,000	346,981	181,014	55,468	35,307	21,734	169,567
Average per farm dollars	34,543	19,368	11,406	9,620	5,994	8,471
Fertilizer, lime, and soil conditioners purchased farms	8,924	6,966	2,628	1,419	1,102	3,622
\$1,000	35,806	15,733	2,957	985	409	4,290
Farms with expenses of-						
\$1 to \$4,999	6,352	6,267	2,580	1,419	1,102	3,461
\$5,000 to \$24,999	2,572	698	48	-	-	159
\$25,000 to \$49,999	-	1	-	-	-	2
\$50,000 or more	-	-	-	-	-	-
Chemicals purchased farms	7,769	6,565	2,520	1,387	1,322	5,197
\$1,000	25,761	11,624	2,193	563	242	3,596
Farms with expenses of-						
\$1 to \$4,999	6,157	6,241	2,499	1,387	1,322	5,099
\$5,000 to \$24,999	1,612	323	12	-	-	96
\$25,000 to \$49,999	-	-	9	-	-	-
\$50,000 or more	-	1	-	-	-	2
Seeds, plants, vines, and trees farms	8,024	6,579	2,425	1,312	1,291	5,020
\$1,000	28,484	11,809	2,198	737	334	6,219
Farms with expenses of-						
\$1 to \$999	833	2,224	1,579	1,147	1,262	3,846
\$1,000 to \$4,999	5,430	4,107	828	165	29	920
\$5,000 to \$24,999	1,761	247	18	-	-	241
\$25,000 to \$49,999	-	1	-	-	-	11
\$50,000 or more	-	-	-	-	-	2
Livestock and poultry purchased farms	2,373	2,298	1,452	1,051	1,021	958
\$1,000	15,173	8,496	3,441	1,736	1,856	2,187
Farms with expenses of-						
\$1 to \$4,999	1,471	1,772	1,323	989	965	896
\$5,000 to \$24,999	827	524	127	54	33	58
\$25,000 to \$99,999	75	1	2	8	23	2
\$100,000 to \$249,999	-	-	-	-	-	1
\$250,000 or more	-	1	-	-	-	1
Breeding livestock purchased (see text) farms	1,492	1,472	827	595	492	430
\$1,000	4,007	3,699	1,328	1,030	671	551
Other livestock and poultry purchased farms	1,241	1,097	813	616	632	683
\$1,000	11,167	4,797	2,113	706	1,185	1,636
Feed purchased farms	4,372	4,337	2,670	2,190	2,036	3,176
\$1,000	28,920	14,528	6,428	4,736	2,166	5,487
Farms with expenses of-						
\$1 to \$4,999	2,940	3,518	2,399	2,026	1,998	2,973
\$5,000 to \$24,999	1,297	769	246	140	38	198
\$25,000 to \$99,999	100	50	25	24	-	3
\$100,000 to \$249,999	35	-	-	-	-	1
\$250,000 or more	-	-	-	-	-	1
Gasoline, fuels, and oils farms	9,932	9,183	4,709	3,599	3,431	17,732
\$1,000	17,469	10,606	3,282	2,488	1,342	13,152
Farms with expenses of-						
\$1 to \$4,999	9,525	9,019	4,665	3,556	3,420	17,260
\$5,000 to \$24,999	407	152	44	35	11	435
\$25,000 to \$49,999	-	12	-	8	-	36
\$50,000 or more	-	-	-	-	-	1

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) . . . . . farms	62,217	1,491	3,188	7,421	13,569	9,889
\$1,000	215,675	48,302	36,819	38,525	43,518	19,976
Farms with expenses of-						
\$1 to \$999 . . . . .	21,787	28	45	311	1,526	2,700
\$1,000 to \$4,999 . . . . .	30,383	159	799	4,124	9,743	6,571
\$5,000 to \$24,999 . . . . .	9,238	817	2,107	2,953	2,288	605
\$25,000 to \$49,999 . . . . .	551	283	197	21	10	13
\$50,000 or more . . . . .	258	204	40	12	2	-
Supplies, repairs, and maintenance . . . . . farms	81,393	1,519	3,268	7,808	14,341	11,136
\$1,000	646,011	95,776	105,217	123,848	143,988	69,082
Farms with expenses of-						
\$1 to \$4,999 . . . . .	49,261	65	272	1,216	4,021	6,066
\$5,000 to \$24,999 . . . . .	26,872	428	1,403	5,294	9,542	4,809
\$25,000 to \$49,999 . . . . .	3,626	425	948	1,123	672	252
\$50,000 or more . . . . .	1,634	601	645	175	106	9
Hired farm labor . . . . . farms	28,135	1,314	2,545	5,200	7,007	4,083
\$1,000	409,190	174,120	83,207	75,859	45,181	12,116
Farms with expenses of-						
\$1 to \$4,999 . . . . .	18,752	173	610	2,510	4,745	3,356
\$5,000 to \$24,999 . . . . .	5,901	299	814	1,724	1,886	690
\$25,000 to \$99,999 . . . . .	2,840	462	947	893	365	36
\$100,000 to \$249,999 . . . . .	480	228	165	73	10	1
\$250,000 or more . . . . .	162	152	9	-	1	-
Contract labor . . . . . farms	6,425	304	451	835	1,321	813
\$1,000	37,829	15,085	4,868	4,588	5,349	2,440
Farms with expenses of-						
\$1 to \$999 . . . . .	2,376	18	84	202	427	338
\$1,000 to \$4,999 . . . . .	2,856	79	177	457	631	358
\$5,000 to \$24,999 . . . . .	959	107	137	146	224	108
\$25,000 to \$49,999 . . . . .	115	38	40	12	23	-
\$50,000 or more . . . . .	119	62	13	18	16	9
Customwork and custom hauling . . . . . farms	30,366	744	1,417	3,405	6,681	4,680
\$1,000	160,788	25,836	19,452	25,305	41,229	22,242
Farms with expenses of-						
\$1 to \$999 . . . . .	10,046	27	110	541	1,248	1,166
\$1,000 to \$4,999 . . . . .	12,204	147	479	1,352	2,966	2,146
\$5,000 to \$24,999 . . . . .	7,189	335	695	1,376	2,139	1,302
\$25,000 to \$49,999 . . . . .	622	107	73	85	286	53
\$50,000 or more . . . . .	305	128	60	51	42	13
Cash rent for land, buildings, and grazing fees . . . . . farms	34,940	922	2,291	6,189	10,470	6,130
\$1,000	1,182,053	134,372	199,253	361,668	338,463	97,824
Farms with expenses of-						
\$1 to \$4,999 . . . . .	8,577	42	69	341	1,072	1,325
\$5,000 to \$9,999 . . . . .	3,994	26	81	277	1,027	1,062
\$10,000 to \$24,999 . . . . .	8,380	111	244	962	3,101	2,455
\$25,000 or more . . . . .	13,989	743	1,897	4,609	5,270	1,288
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	8,558	403	743	1,775	2,428	1,268
\$1,000	68,636	11,975	12,302	20,573	15,688	4,510
Farms with expenses of-						
\$1 to \$999 . . . . .	2,228	41	69	218	456	345
\$1,000 to \$4,999 . . . . .	3,150	71	194	534	1,063	593
\$5,000 to \$24,999 . . . . .	2,605	153	314	864	809	327
\$25,000 to \$49,999 . . . . .	387	77	114	110	75	2
\$50,000 or more . . . . .	188	61	52	49	25	1
Interest expense . . . . . farms	49,156	1,393	2,960	6,744	11,297	7,443
\$1,000	704,077	108,254	117,304	163,035	156,020	65,570
Farms with expenses of-						
\$1 to \$4,999 . . . . .	20,323	106	249	931	2,879	3,234
\$5,000 to \$24,999 . . . . .	21,382	288	984	3,441	6,841	3,801
\$25,000 to \$99,999 . . . . .	6,717	657	1,534	2,240	1,522	406
\$100,000 or more . . . . .	734	342	193	132	55	2
Secured by real estate . . . . . farms	36,961	1,161	2,406	5,146	8,196	5,198
\$1,000	456,338	61,265	68,776	105,097	98,191	45,544
Farms with expenses of-						
\$1 to \$999 . . . . .	4,282	71	163	195	550	451
\$1,000 to \$4,999 . . . . .	11,729	113	303	827	2,118	1,764
\$5,000 to \$24,999 . . . . .	16,613	350	1,029	2,802	4,647	2,681
\$25,000 to \$49,999 . . . . .	2,827	243	502	896	690	241
\$50,000 or more . . . . .	1,510	384	409	426	191	61
Not secured by real estate . . . . . farms	30,368	985	2,189	4,930	8,157	5,000
\$1,000	247,739	46,989	48,528	57,937	57,829	20,026
Farms with expenses of-						
\$1 to \$999 . . . . .	7,036	24	84	370	843	884
\$1,000 to \$4,999 . . . . .	10,724	75	271	1,066	3,096	2,662
\$5,000 to \$24,999 . . . . .	10,536	351	1,098	2,932	4,034	1,435
\$25,000 to \$49,999 . . . . .	1,521	239	555	517	155	19
\$50,000 or more . . . . .	551	296	181	45	29	-
Property taxes paid . . . . . farms	82,051	1,471	3,156	7,202	13,126	10,223
\$1,000	346,765	24,335	37,719	59,741	73,426	43,807
Farms with expenses of-						
\$1 to \$4,999 . . . . .	62,053	434	1,183	3,091	7,592	7,131
\$5,000 to \$9,999 . . . . .	12,542	320	743	2,086	3,636	2,522
\$10,000 to \$24,999 . . . . .	6,142	447	831	1,726	1,742	503
\$25,000 or more . . . . .	1,314	270	399	299	156	67

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) . . . . . farms	7,428	6,124	2,979	2,024	1,844	6,260
\$1,000	10,651	6,012	2,395	1,455	1,076	6,946
Farms with expenses of-						
\$1 to \$999 . . . . .	3,362	3,744	2,287	1,569	1,480	4,735
\$1,000 to \$4,999 . . . . .	3,934	2,334	664	455	364	1,236
\$5,000 to \$24,999 . . . . .	123	46	28	-	-	271
\$25,000 to \$49,999 . . . . .	9	-	-	-	-	18
\$50,000 or more . . . . .	-	-	-	-	-	-
Supplies, repairs, and maintenance . . . . . farms	9,159	8,394	4,268	3,332	3,086	15,082
\$1,000	36,286	22,938	8,122	5,824	3,626	31,305
Farms with expenses of-						
\$1 to \$4,999 . . . . .	6,738	7,126	3,935	3,088	3,009	13,725
\$5,000 to \$24,999 . . . . .	2,386	1,208	313	224	53	1,212
\$25,000 to \$49,999 . . . . .	26	48	12	12	13	95
\$50,000 or more . . . . .	9	12	8	8	11	50
Hired farm labor . . . . . farms	2,464	1,870	830	562	451	1,809
\$1,000	6,995	2,662	817	765	340	7,128
Farms with expenses of-						
\$1 to \$4,999 . . . . .	2,208	1,789	821	540	423	1,577
\$5,000 to \$24,999 . . . . .	217	73	8	15	28	147
\$25,000 to \$99,999 . . . . .	39	7	-	7	-	84
\$100,000 to \$249,999 . . . . .	-	1	1	-	-	1
\$250,000 or more . . . . .	-	-	-	-	-	-
Contract labor . . . . . farms	583	537	233	172	118	1,058
\$1,000	1,600	678	246	258	65	2,650
Farms with expenses of-						
\$1 to \$999 . . . . .	146	317	147	97	92	508
\$1,000 to \$4,999 . . . . .	356	206	86	74	26	406
\$5,000 to \$24,999 . . . . .	81	14	-	-	-	142
\$25,000 to \$49,999 . . . . .	-	-	-	-	-	2
\$50,000 or more . . . . .	-	-	-	1	-	-
Customwork and custom hauling . . . . . farms	4,445	3,480	1,389	901	732	2,492
\$1,000	15,536	6,272	1,299	550	302	2,766
Farms with expenses of-						
\$1 to \$999 . . . . .	1,226	1,640	856	731	650	1,851
\$1,000 to \$4,999 . . . . .	2,250	1,598	513	170	75	508
\$5,000 to \$24,999 . . . . .	949	242	20	-	7	124
\$25,000 to \$49,999 . . . . .	9	-	-	-	-	9
\$50,000 or more . . . . .	11	-	-	-	-	-
Cash rent for land, buildings, and grazing fees . . . . . farms	3,760	2,565	901	505	373	834
\$1,000	34,319	11,796	1,424	645	290	1,999
Farms with expenses of-						
\$1 to \$4,999 . . . . .	1,576	1,669	877	496	373	737
\$5,000 to \$9,999 . . . . .	833	623	13	7	-	45
\$10,000 to \$24,999 . . . . .	1,186	270	11	2	-	38
\$25,000 or more . . . . .	165	3	-	-	-	14
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	818	435	144	97	74	373
\$1,000	2,015	774	150	79	60	511
Farms with expenses of-						
\$1 to \$999 . . . . .	426	223	63	69	58	260
\$1,000 to \$4,999 . . . . .	309	181	80	28	16	81
\$5,000 to \$24,999 . . . . .	74	31	1	-	-	32
\$25,000 to \$49,999 . . . . .	9	-	-	-	-	-
\$50,000 or more . . . . .	-	-	-	-	-	-
Interest expense . . . . . farms	5,354	4,143	1,961	1,398	983	5,480
\$1,000	30,834	19,001	7,837	6,543	3,236	26,445
Farms with expenses of-						
\$1 to \$4,999 . . . . .	3,159	2,761	1,361	996	759	3,888
\$5,000 to \$24,999 . . . . .	2,080	1,332	599	353	209	1,454
\$25,000 to \$99,999 . . . . .	115	50	-	49	15	129
\$100,000 or more . . . . .	-	-	1	-	-	9
Secured by real estate . . . . . farms	3,705	3,131	1,590	1,107	846	4,475
\$1,000	21,706	15,910	6,610	5,270	2,994	24,974
Farms with expenses of-						
\$1 to \$999 . . . . .	507	676	302	190	308	869
\$1,000 to \$4,999 . . . . .	1,509	1,282	820	591	314	2,088
\$5,000 to \$24,999 . . . . .	1,625	1,123	467	300	209	1,380
\$25,000 to \$49,999 . . . . .	56	41	-	25	15	118
\$50,000 or more . . . . .	8	9	1	1	-	20
Not secured by real estate . . . . . farms	3,294	2,051	907	670	336	1,849
\$1,000	9,128	3,091	1,227	1,272	241	1,471
Farms with expenses of-						
\$1 to \$999 . . . . .	1,099	966	509	512	271	1,474
\$1,000 to \$4,999 . . . . .	1,699	1,015	348	111	50	331
\$5,000 to \$24,999 . . . . .	483	70	50	24	15	44
\$25,000 to \$49,999 . . . . .	13	-	-	23	-	-
\$50,000 or more . . . . .	-	-	-	-	-	-
Property taxes paid . . . . . farms	8,823	8,238	4,466	3,250	3,281	18,815
\$1,000	27,208	20,457	8,849	5,221	4,733	41,269
Farms with expenses of-						
\$1 to \$4,999 . . . . .	7,466	7,541	4,244	3,125	3,126	17,120
\$5,000 to \$9,999 . . . . .	1,197	555	107	75	100	1,201
\$10,000 to \$24,999 . . . . .	147	130	83	49	55	429
\$25,000 or more . . . . .	13	12	32	1	-	65

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARM PRODUCTION EXPENSES <sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) . . . . . farms	64,832	1,458	3,149	7,276	12,737	9,946
\$1,000	673,475	158,812	104,623	149,768	135,606	55,288
Farms with expenses of-						
\$1 to \$4,999 . . . . .	38,522	41	169	1,221	4,089	6,085
\$5,000 to \$24,999 . . . . .	20,805	374	1,609	4,322	7,713	3,644
\$25,000 to \$49,999 . . . . .	3,350	327	791	1,138	745	180
\$50,000 to \$99,999 . . . . .	1,423	317	414	474	158	37
\$100,000 or more . . . . .	732	399	166	121	32	-
Production expenses paid by landlords <sup>3</sup> . . . . . farms	10,057	228	682	1,858	3,099	1,741
\$1,000	169,575	19,071	28,498	45,135	50,511	16,584
Depreciation expenses claimed (see text) . . . . . farms	49,049	1,408	2,992	7,095	12,111	8,313
\$1,000	1,005,074	219,031	183,254	222,837	205,067	81,400
<b>NET CASH FARM INCOME (SEE TEXT) <sup>2</sup></b>						
Net cash farm income of operations (see text) . . . . . farms						
\$1,000	90,648	1,519	3,269	7,809	14,747	11,736
Average per farm . . . . . dollars	2,863,769	618,554	523,024	771,342	685,544	212,404
	31,592	407,212	159,995	98,776	46,487	18,099
Farms with net gains <sup>4</sup> . . . . . number	60,139	1,179	2,729	6,795	12,646	9,321
Average net gain . . . . . dollars	58,054	607,782	220,393	124,113	60,904	29,344
Gain of-						
Less than \$1,000 . . . . .	4,051	-	4	14	37	104
\$1,000 to \$4,999 . . . . .	9,046	7	12	60	287	620
\$5,000 to \$9,999 . . . . .	7,216	6	12	127	452	713
\$10,000 to \$24,999 . . . . .	11,948	28	75	313	1,511	2,806
\$25,000 to \$49,999 . . . . .	9,806	40	128	619	3,296	3,767
\$50,000 or more . . . . .	18,072	1,098	2,498	5,662	7,063	1,311
Farms with net losses . . . . . number	30,509	340	540	1,014	2,101	2,415
Average net loss . . . . . dollars	20,570	288,298	145,238	71,011	40,289	25,305
Loss of-						
Less than \$1,000 . . . . .	3,867	3	1	27	55	185
\$1,000 to \$4,999 . . . . .	9,849	12	14	51	254	339
\$5,000 to \$9,999 . . . . .	6,228	10	22	57	293	507
\$10,000 to \$24,999 . . . . .	5,386	14	46	206	487	728
\$25,000 to \$49,999 . . . . .	2,498	29	79	209	493	312
\$50,000 or more . . . . .	2,681	272	378	464	519	344
Net cash farm income of operators (see text) . . . . . farms	90,648	1,519	3,269	7,809	14,747	11,736
\$1,000	2,624,949	617,099	487,396	682,598	608,051	184,763
Average per farm . . . . . dollars	28,958	406,254	149,096	87,412	41,232	15,743
Operators reporting net gains <sup>4</sup> . . . . . farms	59,502	1,204	2,703	6,631	12,387	9,174
Average net gain . . . . . dollars	54,850	585,118	208,888	114,814	56,541	27,521
Gain of-						
Less than \$1,000 . . . . .	4,142	-	5	11	59	101
\$1,000 to \$4,999 . . . . .	9,385	4	16	105	372	714
\$5,000 to \$9,999 . . . . .	7,329	12	28	143	434	852
\$10,000 to \$24,999 . . . . .	12,387	28	90	441	1,881	2,881
\$25,000 to \$49,999 . . . . .	9,788	41	161	693	3,478	3,501
\$50,000 or more . . . . .	16,471	1,119	2,403	5,238	6,163	1,125
Operators reporting net losses . . . . . farms	31,146	315	566	1,178	2,360	2,562
Average net loss . . . . . dollars	20,508	277,405	136,445	66,836	39,120	26,430
Loss of-						
Less than \$1,000 . . . . .	3,888	3	5	32	86	165
\$1,000 to \$4,999 . . . . .	9,893	13	17	80	273	355
\$5,000 to \$9,999 . . . . .	6,261	12	27	61	330	466
\$10,000 to \$24,999 . . . . .	5,650	16	51	238	556	796
\$25,000 to \$49,999 . . . . .	2,629	28	87	221	540	402
\$50,000 or more . . . . .	2,825	243	379	546	575	378
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total . . . . . farms	17,025	446	1,145	3,190	5,409	3,249
\$1,000	709,718	56,439	119,132	237,351	215,181	57,351
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . . farms						
\$1,000	40,681	956	2,128	5,040	9,146	6,361
Customwork and other agricultural services . . . . . farms	10,771	392	1,007	2,242	3,505	1,652
\$1,000	103,243	9,030	17,803	28,090	28,147	10,758
Gross cash rent or share payments . . . . . farms	12,081	127	214	549	1,092	1,287
\$1,000	170,001	3,662	4,565	9,137	17,341	19,792
Sales of forest products, excluding Christmas trees and maple products . . . . . farms	688	4	22	34	106	101
\$1,000	4,934	70	384	277	758	614
Recreational services (see text) . . . . . farms	256	6	7	21	45	33
\$1,000	880	29	11	31	180	38

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) . . . . . farms	8,305	6,993	2,939	2,161	1,916	7,952
\$1,000	29,921	17,629	3,831	2,721	1,657	13,618
Farms with expenses of-						
\$1 to \$4,999 . . . . .	6,601	6,230	2,780	2,053	1,855	7,398
\$5,000 to \$24,999 . . . . .	1,614	718	159	108	61	483
\$25,000 to \$49,999 . . . . .	70	31	-	-	-	68
\$50,000 to \$99,999 . . . . .	20	-	-	-	-	3
\$100,000 or more . . . . .	-	14	-	-	-	-
Production expenses paid by landlords <sup>3</sup> . . . . . farms	1,120	552	157	117	186	317
\$1,000	6,237	2,055	346	237	425	476
Depreciation expenses claimed (see text) . . . . . farms	6,056	4,466	1,791	1,136	1,047	2,634
\$1,000	40,753	22,177	15,816	4,345	2,705	7,689
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>						
Net cash farm income of operations (see text) . . . . . farms						
\$1,000	10,045	9,346	4,863	3,670	3,626	20,018
Average per farm . . . . . dollars	72,843	17,710	-5,118	-12,840	-5,710	-13,984
	7,252	1,895	-1,052	-3,499	-1,575	-699
Farms with net gains <sup>4</sup> . . . . . number	7,346	5,916	2,318	1,352	1,150	9,387
Average net gain . . . . . dollars	16,540	9,549	5,283	4,107	5,126	9,008
Gain of-						
Less than \$1,000 . . . . .	133	492	371	316	584	1,996
\$1,000 to \$4,999 . . . . .	951	1,671	1,166	721	289	3,262
\$5,000 to \$9,999 . . . . .	1,413	2,074	488	160	111	1,660
\$10,000 to \$24,999 . . . . .	3,466	1,456	263	149	126	1,755
\$25,000 to \$49,999 . . . . .	1,275	195	11	6	29	440
\$50,000 or more . . . . .	108	28	19	-	11	274
Farms with net losses . . . . . number	2,699	3,430	2,545	2,318	2,476	10,631
Average net loss . . . . . dollars	18,028	11,307	6,823	7,935	4,687	9,269
Loss of-						
Less than \$1,000 . . . . .	233	293	283	375	555	1,857
\$1,000 to \$4,999 . . . . .	609	1,099	1,124	871	1,242	4,234
\$5,000 to \$9,999 . . . . .	590	894	672	612	487	2,084
\$10,000 to \$24,999 . . . . .	735	822	351	315	134	1,548
\$25,000 to \$49,999 . . . . .	308	229	105	100	47	587
\$50,000 or more . . . . .	224	93	10	45	11	321
Net cash farm income of operators (see text) . . . . . farms	10,045	9,346	4,863	3,670	3,626	20,018
\$1,000	64,842	16,793	-5,072	-12,671	-5,343	-13,508
Average per farm . . . . . dollars	6,455	1,797	-1,043	-3,452	-1,473	-675
Operators reporting net gains <sup>4</sup> . . . . . farms	7,173	5,871	2,320	1,359	1,204	9,476
Average net gain . . . . . dollars	16,134	9,514	5,263	4,179	5,071	8,951
Gain of-						
Less than \$1,000 . . . . .	150	512	352	317	596	2,039
\$1,000 to \$4,999 . . . . .	996	1,684	1,194	712	300	3,288
\$5,000 to \$9,999 . . . . .	1,375	2,014	487	175	142	1,667
\$10,000 to \$24,999 . . . . .	3,339	1,427	257	149	126	1,768
\$25,000 to \$49,999 . . . . .	1,222	206	11	6	29	440
\$50,000 or more . . . . .	91	28	19	-	11	274
Operators reporting net losses . . . . . farms	2,872	3,475	2,543	2,311	2,422	10,542
Average net loss . . . . . dollars	17,718	11,241	6,796	7,940	4,727	9,327
Loss of-						
Less than \$1,000 . . . . .	261	284	296	355	545	1,856
\$1,000 to \$4,999 . . . . .	622	1,185	1,109	884	1,198	4,157
\$5,000 to \$9,999 . . . . .	626	895	672	612	487	2,073
\$10,000 to \$24,999 . . . . .	847	790	351	323	134	1,548
\$25,000 to \$49,999 . . . . .	292	228	105	92	47	587
\$50,000 or more . . . . .	224	93	10	45	11	321
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total . . . . . farms	2,019	1,102	260	113	70	22
\$1,000	18,778	4,603	687	85	(D)	(D)
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . . farms						
\$1,000	4,796	3,852	1,518	983	873	5,028
Customwork and other agricultural services . . . . . farms	857	576	181	112	96	151
\$1,000	4,684	2,410	601	551	146	1,024
Gross cash rent or share payments . . . . . farms	1,316	1,512	766	546	475	4,197
\$1,000	19,726	19,329	6,866	4,130	3,478	61,977
Sales of forest products, excluding Christmas trees and maple products . . . . . farms	74	85	46	21	28	167
\$1,000	501	564	248	105	120	1,294
Recreational services (see text) . . . . . farms	24	32	13	12	12	51
\$1,000	104	155	30	70	6	226

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) farms	24,233	701	1,571	3,814	6,724	4,460
\$1,000	27,174	2,829	4,048	7,099	7,628	3,060
Other farm-related income sources (see text) farms	8,445	213	440	964	2,023	1,535
\$1,000	33,537	3,200	4,450	5,786	6,811	3,837
<b>LAND USE</b>						
Total cropland farms	84,755	1,291	3,045	7,527	14,650	11,456
acres	27,153,291	1,840,192	3,729,077	6,760,687	7,574,533	3,179,430
Harvested cropland farms	67,338	1,248	3,001	7,464	14,550	11,306
acres	23,994,343	1,779,259	3,607,480	6,476,693	7,089,326	2,834,456
Farms by acres harvested:						
1 to 49 acres	14,687	47	49	91	233	342
50 to 99 acres	7,557	19	32	58	253	479
100 to 199 acres	11,660	46	97	248	1,034	2,774
200 to 499 acres	17,404	187	451	1,235	6,620	7,301
500 to 999 acres	10,515	320	776	3,038	5,944	403
1,000 to 1,999 acres	4,630	353	1,085	2,727	455	7
2,000 acres or more	885	276	511	87	11	-
Cropland-						
For pasture or grazing only farms	20,676	210	591	1,564	3,676	3,166
acres	1,355,161	33,409	74,900	191,901	325,578	233,706
On which all crops failed farms	1,395	17	36	94	221	203
acres	45,029	1,668	3,009	5,452	9,595	5,760
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) farms	29,532	337	718	1,715	3,122	2,314
acres	1,758,758	25,856	43,688	86,641	150,034	105,508
In cultivated summer fallow farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Total woodland farms	21,515	187	474	1,254	2,813	2,446
acres	1,336,752	31,208	52,796	105,050	213,002	174,604
Woodland pastured farms	9,809	93	218	650	1,547	1,345
acres	548,815	14,079	23,004	54,903	118,747	93,802
Woodland not pastured farms	14,593	122	328	810	1,795	1,529
acres	787,937	17,129	29,792	50,147	94,255	80,802
Pastureland and rangeland, other than cropland and woodland pastured (see text) farms	23,863	292	686	1,791	3,976	3,139
acres	1,735,421	70,318	114,063	222,877	388,949	246,058
Land in house lots, ponds, roads, wasteland, etc. farms	56,291	1,167	2,302	5,244	10,140	8,070
acres	1,504,026	78,298	117,576	245,713	341,835	205,105
Irrigated land farms	976	50	79	147	214	138
acres	142,109	25,046	30,891	39,766	30,633	10,812
Harvested cropland farms	934	50	79	147	210	135
acres	141,438	(D)	30,891	(D)	(D)	(D)
Pastureland and other land farms	45	1	-	1	4	3
acres	671	(D)	-	(D)	(D)	(D)
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs farms	30,454	437	974	2,234	3,676	2,591
acres	1,694,138	20,485	50,337	112,272	173,394	143,291
Land used to raise certified organically produced crops (see text) farms	364	1	4	17	82	66
acres	46,557	(D)	2,630	4,693	15,682	9,360
Land enrolled in Federal or other crop insurance programs (see text) farms	45,205	1,090	2,685	6,550	12,238	8,706
acres	19,609,071	1,522,429	3,170,781	5,575,091	5,844,911	2,121,540
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>						
Estimated market value of land and buildings farms	90,648	1,519	3,269	7,809	14,747	11,736
\$1,000	64,154,298	4,840,480	8,578,936	15,691,936	16,915,066	6,998,650
Average per farm dollars	707,730	3,186,623	2,624,330	2,009,468	1,147,017	596,340
Average per acre dollars	2,005	2,397	2,130	2,065	1,998	1,846
Farms by value group:						
\$1 to \$49,999	9,531	62	61	87	177	209
\$50,000 to \$99,999	9,784	31	49	67	219	291
\$100,000 to \$199,999	14,535	31	48	110	351	764
\$200,000 to \$499,999	22,282	92	215	437	1,609	3,642
\$500,000 to \$999,999	14,637	149	393	997	4,289	5,487
\$1,000,000 to \$1,999,999	11,607	317	726	2,293	6,528	1,245
\$2,000,000 to \$4,999,999	7,413	554	1,344	3,702	1,550	97
\$5,000,000 to \$9,999,999	793	227	424	115	24	1
\$10,000,000 or more	66	56	9	1	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) farms	3,136	1,995	568	301	252	711
\$1,000	1,485	709	59	37	30	191
Other farm-related income sources (see text) farms	1,226	934	308	198	175	429
\$1,000	3,329	1,650	1,219	485	547	2,224
<b>LAND USE</b>						
Total cropland farms	9,739	8,884	4,378	3,154	3,077	17,554
acres	1,605,973	869,980	248,994	127,496	87,481	1,129,448
Harvested cropland farms	9,571	8,461	3,918	2,685	2,569	2,545
acres	1,334,088	607,172	139,447	56,562	34,954	34,906
Farms by acres harvested:						
1 to 49 acres	688	2,712	3,056	2,506	2,505	2,458
50 to 99 acres	1,734	3,967	726	156	56	77
100 to 199 acres	5,703	1,601	125	21	6	5
200 to 499 acres	1,417	178	7	2	2	4
500 to 999 acres	27	2	4	-	-	1
1,000 to 1,999 acres	2	1	-	-	-	-
2,000 acres or more	-	-	-	-	-	-
Cropland-						
For pasture or grazing only farms	2,561	2,842	1,578	1,168	1,048	2,272
acres	165,336	150,162	48,634	27,705	16,478	87,352
On which all crops failed farms	172	191	100	57	40	264
acres	4,376	3,789	1,703	1,170	372	8,135
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) farms	2,113	2,005	1,090	733	692	14,693
acres	102,173	108,857	59,210	42,059	35,677	999,055
In cultivated summer fallow farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Total woodland farms	2,355	2,736	1,614	1,187	1,183	5,266
acres	132,773	141,894	74,606	45,817	39,808	325,194
Woodland pastured farms	1,271	1,474	858	550	507	1,296
acres	67,116	68,173	30,511	14,211	15,118	49,151
Woodland not pastured farms	1,450	1,644	993	759	790	4,373
acres	65,657	73,721	44,095	31,606	24,690	276,043
Pastureland and rangeland, other than cropland and woodland pastured (see text) farms	2,898	3,142	1,850	1,313	1,306	3,470
acres	197,753	175,098	72,803	41,792	28,144	177,566
Land in house lots, ponds, roads, wasteland, etc. farms	6,709	6,046	3,143	2,420	2,544	8,506
acres	129,870	107,310	43,119	29,665	24,589	180,946
Irrigated land farms	121	88	55	37	21	26
acres	3,167	851	360	84	39	460
Harvested cropland farms	118	85	52	33	17	8
acres	(D)	(D)	334	58	29	12
Pastureland and other land farms	3	4	3	4	4	18
acres	(D)	(D)	26	26	10	448
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs farms	2,275	2,203	1,121	757	626	13,560
acres	122,632	133,921	67,236	43,608	34,103	792,859
Land used to raise certified organically produced crops (see text) farms	60	78	29	7	16	4
acres	6,104	5,429	1,197	149	(D)	12
Land enrolled in Federal or other crop insurance programs (see text) farms	6,495	4,256	1,227	500	254	1,204
acres	894,925	325,543	52,787	14,983	5,025	81,056
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>						
Estimated market value of land and buildings farms	10,045	9,346	4,863	3,670	3,626	20,018
\$1,000	3,481,203	2,182,142	907,494	576,923	482,200	3,499,267
Average per farm dollars	346,561	233,484	186,612	157,200	132,984	174,806
Average per acre dollars	1,713	1,626	2,027	2,373	2,434	1,916
Farms by value group:						
\$1 to \$49,999	479	759	741	888	1,136	4,932
\$50,000 to \$99,999	493	1,203	1,367	766	877	4,421
\$100,000 to \$199,999	1,600	2,816	1,415	1,152	997	5,251
\$200,000 to \$499,999	5,713	3,883	1,072	729	548	4,342
\$500,000 to \$999,999	1,559	608	182	107	53	813
\$1,000,000 to \$1,999,999	187	74	55	12	-	170
\$2,000,000 to \$4,999,999	14	3	31	16	15	87
\$5,000,000 to \$9,999,999	-	-	-	-	-	2
\$10,000,000 or more	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Estimated market value of all machinery and equipment	farms \$1,000	88,859 8,923,379	1,519 683,625	3,269 1,245,549	7,809 1,972,592	14,734 2,267,572	11,736 1,124,861
Farms by value group:							
\$1 to \$4,999	12,931	4	26	11	99	187	
\$5,000 to \$9,999	7,986	27	43	61	129	174	
\$10,000 to \$19,999	9,377	31	49	35	257	526	
\$20,000 to \$49,999	17,755	93	185	356	1,324	3,276	
\$50,000 to \$99,999	14,088	128	233	782	3,638	3,999	
\$100,000 to \$199,999	12,846	250	484	1,934	5,445	2,428	
\$200,000 to \$499,999	11,024	502	1,349	3,862	3,493	935	
\$500,000 or more	2,852	484	900	768	349	211	
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Tractors	farms number	83,313 266,070	1,464 7,592	3,196 15,804	7,611 35,416	14,441 60,303	11,445 40,885
Less than 40 horsepower (PTO)	farms number	37,582 58,562	474 876	1,079 1,962	2,795 4,527	6,050 9,587	4,606 7,747
40 to 99 horsepower (PTO)	farms number	60,593 106,497	1,109 2,399	2,489 5,205	5,822 11,392	11,165 20,780	8,857 16,385
100 horsepower (PTO) or more	farms number	49,844 101,011	1,263 4,317	2,996 8,637	7,328 19,497	13,306 29,936	9,516 16,753
Grain and bean combines (see text)	farms number	41,026 44,901	1,043 1,282	2,710 3,102	6,677 7,353	11,588 12,589	7,601 8,180
Cotton pickers and strippers	farms number	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms number	2,773 2,912	191 203	236 255	482 503	707 718	484 522
Hay balers	farms number	27,147 31,293	398 458	944 1,119	2,611 3,060	5,868 7,013	4,294 5,013
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners	farms acres treated	56,912 16,295,095	1,161 1,174,855	2,918 2,302,321	7,403 4,549,121	13,899 4,827,279	10,757 1,925,815
Manure	farms acres treated	26,512 2,333,984	936 279,523	1,980 410,224	4,402 586,825	7,313 612,851	4,223 232,512
Acres treated with chemicals to control-							
Insects	farms acres	20,331 3,714,004	515 341,333	879 409,844	3,463 1,059,160	5,830 1,127,570	3,606 435,620
Weeds, grass, or brush	farms acres	46,334 16,716,673	744 1,097,718	1,362 1,679,003	6,028 5,073,862	11,257 5,276,052	8,821 2,101,333
Nematodes	farms acres	1,782 292,947	34 18,816	53 23,272	345 99,479	478 88,791	319 31,048
Diseases in crops and orchards	farms acres	834 113,930	18 8,972	34 8,978	109 38,338	178 34,818	113 13,210
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	190 3,196	5 28	4 (D)	28 517	2 (D)	21 530
<b>TENURE</b>							
Full owners	farms	49,889	525	765	1,203	3,058	4,382
Part owners	farms	30,265	875	2,162	5,590	9,333	5,169
Tenants	farms	10,501	118	319	938	2,529	2,167
<b>OWNED AND RENTED LAND</b>							
Land owned	farms acres	80,876 18,364,478	1,404 895,267	2,937 1,632,029	6,832 2,800,480	12,493 3,834,406	9,717 2,416,175
Owned land in farms	farms acres	80,154 15,646,472	1,400 857,102	2,927 1,582,691	6,793 2,673,171	12,391 3,571,877	9,551 2,109,685
Land rented or leased from others	farms acres	41,084 16,269,487	995 1,168,662	2,489 2,436,834	6,547 4,681,738	11,890 4,975,542	7,393 1,731,182
Rented or leased land in farms	farms acres	40,766 16,083,018	993 1,162,914	2,481 2,430,821	6,528 4,661,156	11,862 4,946,442	7,336 1,695,512
Land rented or leased to others	farms acres	17,098 2,904,475	156 43,913	265 55,351	722 147,891	1,455 291,629	1,733 342,160
<b>NUMBER OF OPERATORS</b>							
Total operators	number	127,166	2,829	5,328	11,657	21,046	16,254
Farms by number of operators:							
1 operator		60,439	703	1,686	4,602	9,786	7,926
2 operators		25,841	521	1,170	2,542	4,402	3,246
3 operators		3,175	188	289	438	560	413
4 operators		833	63	80	106	118	102
5 or more operators		367	43	21	43	54	31
Total women operators	number	28,143	424	948	2,241	4,012	3,115
Farms by number of women operators:							
1 operator		25,714	335	838	2,054	3,745	2,850
2 operators		946	29	47	80	105	108
3 operators		133	7	2	9	19	15
4 operators		14	-	-	-	-	1
5 or more operators		15	2	1	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>						
Estimated market value of all machinery and equipment	10,044	9,336	4,863	3,670	3,626	18,253
\$1,000	688,669	397,836	108,602	63,295	38,141	332,639
Farms by value group:						
\$1 to \$4,999	208	822	946	1,088	1,676	7,864
\$5,000 to \$9,999	378	1,064	1,043	749	896	3,422
\$10,000 to \$19,999	1,176	1,938	1,197	928	500	2,740
\$20,000 to \$49,999	4,131	3,093	1,196	711	454	2,936
\$50,000 to \$99,999	2,485	1,516	342	157	81	727
\$100,000 to \$199,999	1,148	595	96	22	19	425
\$200,000 to \$499,999	449	285	35	1	-	113
\$500,000 or more	69	23	8	14	-	26
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>						
Tractors	9,633	8,921	4,583	3,412	3,321	15,286
number	31,089	23,647	9,508	7,175	5,922	28,729
Less than 40 horsepower (PTO)	4,224	3,869	2,187	1,952	1,742	8,604
number	6,888	6,047	3,263	3,016	2,611	12,038
40 to 99 horsepower (PTO)	7,569	6,599	3,268	2,311	2,069	9,335
number	14,358	11,626	4,752	3,397	2,804	13,399
100 horsepower (PTO) or more	6,494	4,338	1,163	651	439	2,350
number	9,843	5,974	1,493	762	507	3,292
Grain and bean combines (see text)	4,933	3,349	869	457	324	1,475
number	5,328	3,603	985	511	346	1,622
Cotton pickers and strippers	-	-	-	-	-	-
number	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	216	179	99	46	32	101
number	225	189	109	46	32	110
Hay balers	3,287	3,184	1,705	1,238	952	2,666
number	3,850	3,722	1,888	1,355	1,051	2,764
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>						
Commercial fertilizer, lime, and soil conditioners	8,561	6,192	2,375	1,290	874	1,482
acres treated	921,276	414,488	78,932	29,784	13,333	57,891
Manure	2,911	2,289	958	458	324	718
acres treated	102,122	70,220	16,973	6,455	2,507	13,772
Acres treated with chemicals to control-						
Insects	2,645	1,912	560	339	213	369
acres	218,247	93,468	13,961	4,705	3,536	6,560
Weeds, grass, or brush	7,077	5,396	1,944	1,050	1,027	1,628
acres	919,331	395,616	68,413	25,268	10,387	69,690
Nematodes	300	104	57	21	32	39
acres	24,386	4,918	1,113	585	374	165
Diseases in crops and orchards	93	100	65	49	19	56
acres	4,594	3,315	235	517	107	846
Chemicals used to control growth, thin fruit, or defoliate	25	30	48	9	-	18
acres on which used	127	598	805	36	-	144
<b>TENURE</b>						
Full owners	5,259	6,060	3,614	3,022	3,217	18,784
Part owners	3,003	2,006	841	428	327	531
Tenants	1,776	1,343	447	287	224	353
<b>OWNED AND RENTED LAND</b>						
Land owned	8,432	8,193	4,490	3,464	3,544	19,370
acres	1,700,921	1,292,413	495,867	287,430	220,568	2,788,922
Owned land in farms	8,262	8,066	4,455	3,450	3,544	19,315
acres	1,381,845	988,696	373,510	216,681	162,875	1,728,339
Land rented or leased from others	4,832	3,401	1,310	733	559	935
acres	706,252	331,848	71,694	30,809	19,545	115,381
Rented or leased land in farms	4,779	3,349	1,288	715	551	884
acres	684,524	305,586	66,012	28,089	17,147	84,815
Land rented or leased to others	1,865	2,188	1,123	793	735	6,063
acres	340,804	329,979	128,039	73,469	60,091	1,091,149
<b>NUMBER OF OPERATORS</b>						
Total operators	13,822	13,095	6,955	5,368	5,459	25,353
Farms by number of operators:						
1 operator	6,871	6,293	3,155	2,383	2,347	14,687
2 operators	2,707	2,726	1,550	1,207	1,263	4,507
3 operators	351	280	136	94	92	334
4 operators	82	70	43	30	46	93
5 or more operators	27	40	18	23	20	47
Total women operators						
number	2,784	2,892	1,787	1,506	1,579	6,855
Farms by number of women operators:						
1 operator	2,577	2,634	1,661	1,360	1,392	6,268
2 operators	84	91	53	45	77	227
3 operators	11	20	5	12	7	26
4 operators	-	4	-	1	3	4
5 or more operators	1	-	1	3	-	7

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	84,451	1,495	3,205	7,612	14,654	11,340
Female .....	6,204	23	41	119	266	378
Primary occupation:						
Farming .....	61,935	1,391	3,105	7,430	13,799	9,759
Other .....	28,720	127	141	301	1,121	1,959
Place of residence:						
On farm operated .....	69,329	1,181	2,879	6,964	12,974	9,214
Not on farm operated .....	21,326	337	367	767	1,946	2,504
Days worked off farm:						
None .....	41,409	1,153	2,362	5,228	8,481	5,561
Any .....	49,246	365	884	2,503	6,439	6,157
1 to 49 days .....	6,380	117	281	906	1,611	922
50 to 99 days .....	3,131	30	129	365	811	412
100 to 199 days .....	6,084	46	134	464	1,222	963
200 days or more .....	33,651	172	340	768	2,795	3,860
Years on present farm:						
2 years or less .....	2,314	18	29	50	130	191
3 or 4 years .....	4,493	59	64	121	374	424
5 to 9 years .....	12,038	200	294	557	1,154	1,188
10 years or more .....	71,810	1,241	2,859	7,003	13,262	9,915
Average years on present farm .....	23.9	23.3	24.9	25.9	26.7	26.8
Age group:						
Under 25 years .....	869	7	14	53	150	150
25 to 34 years .....	5,282	92	229	515	957	761
35 to 44 years .....	17,331	430	918	2,054	3,261	1,964
45 to 49 years .....	12,407	278	632	1,466	2,441	1,484
50 to 54 years .....	12,148	256	540	1,185	2,235	1,554
55 to 59 years .....	10,582	173	357	949	1,819	1,374
60 to 64 years .....	9,645	135	250	728	1,633	1,345
65 to 69 years .....	8,075	62	151	385	1,183	1,179
70 years and over .....	14,316	85	155	396	1,241	1,907
Average age .....	54.3	49.8	49.1	49.7	51.7	54.7
Spanish, Hispanic, or Latino origin (see text) .....	380	6	14	15	64	77
Race:						
White .....	90,472	1,518	3,244	7,724	14,909	11,704
Black or African American .....	31	-	1	-	3	3
American Indian or Alaska Native .....	61	-	-	4	7	2
Native Hawaiian or Other Pacific Islander .....	2	-	-	-	-	-
Asian .....	25	-	-	1	-	3
More than one race reported .....	64	-	1	2	1	6
Operators living on an American Indian reservation .....	1	-	-	-	-	-
Farms by number of persons living in operator's household:						
1 person .....	11,876	94	225	538	1,385	1,412
2 people .....	43,296	590	1,257	3,103	6,613	6,008
3 people .....	11,361	209	457	1,081	2,109	1,550
4 people .....	12,869	312	644	1,473	2,492	1,493
5 or more people .....	11,253	313	663	1,536	2,321	1,255
Percent of operator's total household income from farming:						
Less than 25 percent .....	36,935	112	233	656	2,042	2,994
25 to 49 percent .....	12,304	76	207	588	1,844	2,025
50 to 74 percent .....	16,287	297	653	1,554	3,468	2,920
75 to 99 percent .....	11,096	327	829	2,091	3,317	1,794
100 percent .....	11,522	508	1,100	2,480	3,727	1,711
Operator is a hired manager .....	farms 2,511	198	224	362	522	274
acres .....	1,272,488	174,281	236,375	345,315	290,392	91,628
Farms with-						
Computer for farm business .....	41,722	1,267	2,554	5,495	8,772	5,398
Internet access .....	48,857	1,231	2,551	5,668	9,190	5,988
Farms by number of households sharing in net income of farm:						
1 household .....	67,219	676	1,902	5,229	10,778	8,409
2 households .....	15,043	363	703	1,407	2,479	2,248
3 households .....	3,396	155	270	428	623	502
4 households .....	1,365	79	82	167	283	151
5 households or more .....	1,121	47	65	138	235	134
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	farms 78,699	760	2,077	5,759	12,780	10,427
acres .....	24,657,577	964,584	2,511,852	5,301,565	7,178,650	3,348,697
Partnership .....	farms 5,792	298	422	630	901	766
acres .....	3,011,172	551,355	605,639	640,063	556,563	263,255
Registered under state law .....	farms 2,592	204	226	303	356	304
acres .....	1,502,606	371,833	333,739	307,565	218,074	103,457

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	9,532	8,815	4,504	3,357	3,416	16,521
Female .....	506	594	398	380	352	3,147
Primary occupation:						
Farming .....	7,274	5,779	2,423	1,580	1,420	7,975
Other .....	2,764	3,630	2,479	2,157	2,348	11,693
Place of residence:						
On farm operated .....	7,261	6,732	3,726	2,946	3,024	12,428
Not on farm operated .....	2,777	2,677	1,176	791	744	7,240
Days worked off farm:						
None .....	4,189	3,347	1,439	997	951	7,701
Any .....	5,849	6,062	3,463	2,740	2,817	11,967
1 to 49 days .....	591	503	236	175	120	918
50 to 99 days .....	354	256	160	97	103	414
100 to 199 days .....	744	672	316	232	240	1,051
200 days or more .....	4,160	4,631	2,751	2,236	2,354	9,584
Years on present farm:						
2 years or less .....	251	275	193	140	198	839
3 or 4 years .....	408	545	320	299	294	1,585
5 to 9 years .....	1,209	1,391	878	741	873	3,553
10 years or more .....	8,170	7,198	3,511	2,557	2,403	13,691
Average years on present farm .....	26.0	23.6	20.8	19.3	17.2	21.3
Age group:						
Under 25 years .....	125	142	67	48	47	66
25 to 34 years .....	634	571	313	238	250	722
35 to 44 years .....	1,579	1,482	875	733	869	3,166
45 to 49 years .....	1,138	1,107	663	503	536	2,159
50 to 54 years .....	1,156	1,172	617	502	495	2,436
55 to 59 years .....	1,098	1,060	550	489	431	2,282
60 to 64 years .....	1,080	1,021	549	379	393	2,132
65 to 69 years .....	1,080	907	446	310	306	2,066
70 years and over .....	2,148	1,947	822	535	441	4,639
Average age .....	56.2	55.9	54.5	53.6	52.3	57.8
Spanish, Hispanic, or Latino origin (see text) .....	33	44	18	20	9	80
Race:						
White .....	10,022	9,392	4,882	3,723	3,750	19,604
Black or African American .....	5	7	2	-	2	8
American Indian or Alaska Native .....	4	4	1	8	7	24
Native Hawaiian or Other Pacific Islander .....	-	-	-	1	-	1
Asian .....	1	2	6	3	3	6
More than one race reported .....	6	4	11	2	6	25
Operators living on an American Indian reservation .....	-	-	-	1	-	-
Farms by number of persons living in operator's household:						
1 person .....	1,397	1,341	657	480	443	3,904
2 people .....	5,190	4,834	2,453	1,811	1,745	9,692
3 people .....	1,215	1,102	633	459	514	2,032
4 people .....	1,206	1,237	638	557	599	2,218
5 or more people .....	1,030	895	521	430	467	1,822
Percent of operator's total household income from farming:						
Less than 25 percent .....	3,690	4,851	3,328	2,823	2,972	13,234
25 to 49 percent .....	2,095	1,839	704	358	293	2,275
50 to 74 percent .....	2,306	1,608	505	288	255	2,433
75 to 99 percent .....	994	568	185	114	89	788
100 percent .....	710	379	116	96	105	590
Operator is a hired manager .....	243	164	64	58	54	348
farms .....						
acres .....	48,786	21,282	7,229	2,796	1,824	52,580
Farms with-						
Computer for farm business .....	4,030	3,573	1,866	1,400	1,345	6,022
Internet access .....	4,595	4,327	2,395	1,920	1,961	9,031
Farms by number of households sharing in net income of farm:						
1 household .....	7,307	7,165	3,940	3,073	3,131	15,609
2 households .....	1,916	1,689	728	452	452	2,606
3 households .....	359	209	88	92	54	616
4 households .....	110	106	46	35	45	261
5 households or more .....	103	76	36	27	32	228
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	9,049	8,616	4,551	3,523	3,592	17,565
farms .....						
acres .....	1,845,101	1,174,231	397,517	222,083	167,933	1,545,364
Partnership .....	643	572	246	120	112	1,082
farms .....						
acres .....	143,731	87,778	28,271	8,903	7,851	117,763
Registered under state law .....	250	222	91	41	51	544
farms .....						
acres .....	58,386	33,841	11,333	2,256	3,592	58,530

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation . . . . . farms	5,279	449	734	1,315	1,194	458
acres	3,862,248	(D)	883,930	1,365,601	758,335	168,012
Family held . . . . . farms	4,900	389	688	1,283	1,163	451
acres	3,742,023	443,414	871,804	1,354,299	741,344	165,701
More than 10 stockholders . . . . . farms	110	13	9	19	21	10
10 or less stockholders . . . . . farms	4,790	376	679	1,264	1,142	441
Other than family held . . . . . farms	379	60	46	32	31	7
acres	120,225	(D)	12,126	11,302	16,991	2,311
More than 10 stockholders . . . . . farms	55	18	3	3	2	1
10 or less stockholders . . . . . farms	324	42	43	29	29	6
Other-cooperative, estate or trust, institutional, etc . . . . . farms	885	11	13	27	45	67
acres	198,493	(D)	12,091	27,098	24,771	25,233
<b>HIRED FARM LABOR</b>						
Hired farm labor . . . . . farms	28,135	1,314	2,545	5,200	7,007	4,083
workers	82,991	11,336	9,680	15,572	17,852	9,539
Workers by days worked:						
150 days or more . . . . . farms	9,057	1,076	1,780	2,459	2,164	872
workers	22,027	7,157	4,154	4,911	3,284	1,408
Less than 150 days . . . . . farms	24,103	936	1,964	4,191	5,814	3,569
workers	60,964	4,179	5,526	10,661	14,568	8,131
Migrant farm labor on farms with hired labor (see text) . . . . . farms	101	17	19	18	25	11
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	39	-	2	2	15	-
<b>FARMS BY SIZE</b>						
1 to 9 acres . . . . .	4,811	68	127	138	232	182
10 to 49 acres . . . . .	16,278	177	121	138	191	257
50 to 69 acres . . . . .	3,843	17	19	15	45	69
70 to 99 acres . . . . .	6,821	23	18	38	115	200
100 to 139 acres . . . . .	6,300	33	31	63	188	331
140 to 179 acres . . . . .	7,286	17	42	71	372	935
180 to 219 acres . . . . .	4,621	20	30	86	340	1,095
220 to 259 acres . . . . .	4,506	26	57	127	428	1,614
260 to 499 acres . . . . .	15,592	130	304	873	4,722	5,456
500 to 999 acres . . . . .	13,063	305	733	2,654	7,004	1,443
1,000 to 1,999 acres . . . . .	6,213	368	1,097	3,285	1,228	131
2,000 acres or more . . . . .	1,321	334	667	243	55	5
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) . . . . .	42,509	201	1,315	4,944	10,803	8,726
Vegetable and melon farming (1112) . . . . .	317	2	6	5	14	30
Fruit and tree nut farming (1113) . . . . .	284	-	-	2	4	7
Greenhouse, nursery, and floriculture production (1114) . . . . .	580	17	13	23	62	59
Other crop farming (1119) . . . . .	18,891	4	10	46	169	260
Tobacco farming (11191) . . . . .	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	18,891	4	10	46	169	260
Beef cattle ranching and farming (11211) . . . . .	10,065	45	91	161	487	833
Cattle feedlots (11212) . . . . .	4,259	359	392	617	747	515
Dairy cattle and milk production (1122) . . . . .	2,306	51	123	347	973	476
Hog and pig farming (1122) . . . . .	5,742	697	1,118	1,296	1,301	590
Poultry and egg production (1123) . . . . .	442	96	36	31	24	15
Sheep and goat farming (1124) . . . . .	1,098	1	3	7	13	23
Animal aquaculture and other animal production (1125, 1129) . . . . .	4,162	45	139	252	323	184
<b>LIVESTOCK</b>						
Cattle and calves inventory . . . . . farms	32,169	740	1,483	3,312	6,618	4,966
number	3,535,945	686,026	471,893	628,008	774,120	396,956
Farms with-						
1 to 9 . . . . .	3,586	14	42	122	226	251
10 to 49 . . . . .	12,134	52	155	470	1,493	1,760
50 to 99 . . . . .	6,899	27	194	557	1,741	1,542
100 to 199 . . . . .	5,373	59	230	902	2,127	1,107
200 to 499 . . . . .	3,115	137	522	1,073	967	295
500 or more . . . . .	1,062	451	340	188	64	11
Cows and heifers that had calved . . . . . farms	25,676	336	877	2,330	5,354	4,159
number	1,194,635	82,861	98,856	192,450	324,159	191,779
Beef cows . . . . . farms	23,313	274	741	1,965	4,407	3,701
number	987,670	38,346	69,895	148,407	259,457	173,787
Farms with-						
1 to 9 . . . . .	3,855	10	53	126	307	321
10 to 49 . . . . .	13,021	74	262	784	2,057	2,063
50 to 99 . . . . .	4,235	66	200	562	1,231	944
100 to 199 . . . . .	1,771	76	142	359	692	341
200 to 499 . . . . .	397	38	72	123	119	32
500 or more . . . . .	34	10	12	11	1	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation . . . . . farms	274	152	69	60	37	537
acres	63,835	20,926	9,237	11,722	(D)	85,488
Family held . . . . . farms	255	135	64	49	31	392
acres	58,927	18,731	8,983	10,722	2,827	65,271
More than 10 stockholders . . . . . farms	11	6	1	4	-	16
10 or less stockholders . . . . . farms	244	129	63	45	31	376
Other than family held . . . . . farms	19	17	5	11	6	145
acres	4,908	2,195	254	1,000	(D)	20,217
More than 10 stockholders . . . . . farms	-	1	1	-	1	25
10 or less stockholders . . . . . farms	19	16	4	11	5	120
Other-cooperative, estate or trust, institutional, etc . . . . . farms	72	69	36	34	27	484
acres	13,702	11,347	4,497	2,062	(D)	64,539
<b>HIRED FARM LABOR</b>						
Hired farm labor . . . . . farms	2,464	1,870	830	562	451	1,809
workers	5,584	4,436	2,181	1,374	922	4,515
Workers by days worked:						
150 days or more . . . . . farms	268	170	23	10	27	208
workers	437	214	59	31	27	345
Less than 150 days . . . . . farms	2,302	1,771	818	562	439	1,737
workers	5,147	4,222	2,122	1,343	895	4,170
Migrant farm labor on farms with hired labor (see text) . . . . . farms	-	-	-	-	-	11
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	20	-	-	-	-	-
<b>FARMS BY SIZE</b>						
1 to 9 acres . . . . .	172	300	349	511	915	1,817
10 to 49 acres . . . . .	360	1,245	1,851	1,820	1,913	8,205
50 to 69 acres . . . . .	148	867	487	338	229	1,609
70 to 99 acres . . . . .	743	2,011	718	376	224	2,355
100 to 139 acres . . . . .	1,478	1,520	537	246	197	1,676
140 to 179 acres . . . . .	2,617	1,244	364	164	101	1,359
180 to 219 acres . . . . .	1,242	653	176	120	65	794
220 to 259 acres . . . . .	1,012	486	143	61	31	521
260 to 499 acres . . . . .	1,819	934	228	77	69	980
500 to 999 acres . . . . .	423	133	46	17	21	284
1,000 to 1,999 acres . . . . .	21	14	3	4	3	59
2,000 acres or more . . . . .	3	2	-	3	-	9
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) . . . . .	6,971	5,028	1,718	1,062	926	815
Vegetable and melon farming (1112) . . . . .	40	61	55	55	30	19
Fruit and tree nut farming (1113) . . . . .	33	51	38	41	27	81
Greenhouse, nursery, and floriculture production (1114) . . . . .	68	109	63	53	49	64
Other crop farming (1119) . . . . .	370	618	532	566	826	15,490
Tobacco farming (11191) . . . . .	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	370	618	532	566	826	15,490
Beef cattle ranching and farming (11211) . . . . .	1,371	2,462	1,642	1,056	775	1,142
Cattle feedlots (11212) . . . . .	490	432	269	219	175	44
Dairy cattle and milk production (11212) . . . . .	204	93	11	2	2	24
Hog and pig farming (1122) . . . . .	284	167	86	53	76	74
Poultry and egg production (1123) . . . . .	14	19	15	17	33	142
Sheep and goat farming (1124) . . . . .	39	77	151	192	303	289
Animal aquaculture and other animal production (1125, 1129) . . . . .	154	292	322	421	546	1,484
<b>LIVESTOCK</b>						
Cattle and calves inventory . . . . . farms	4,108	4,336	2,288	1,516	1,188	1,614
number	254,052	187,165	60,698	25,980	13,498	37,549
Farms with-						
1 to 9 . . . . .	261	360	351	505	744	710
10 to 49 . . . . .	1,789	2,574	1,722	957	409	753
50 to 99 . . . . .	1,297	1,171	190	48	28	104
100 to 199 . . . . .	670	218	18	4	6	32
200 to 499 . . . . .	90	11	6	2	1	11
500 or more . . . . .	1	2	1	-	-	4
Cows and heifers that had calved . . . . . farms	3,556	3,777	1,945	1,226	917	1,199
number	130,331	102,062	33,662	14,069	7,153	17,253
Beef cows . . . . . farms	3,339	3,694	1,926	1,220	893	1,153
number	124,998	100,948	33,553	14,030	7,099	17,150
Farms with-						
1 to 9 . . . . .	324	416	418	620	671	589
10 to 49 . . . . .	2,083	2,886	1,475	590	214	533
50 to 99 . . . . .	794	377	27	8	8	18
100 to 199 . . . . .	132	14	4	2	-	9
200 to 499 . . . . .	6	1	2	-	-	4
500 or more . . . . .	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows .....	farms 314	137	38	25	40	67
	number 5,333	1,114	109	39	54	103
Farms with-						
1 to 4 .....	59	44	34	25	40	67
5 to 9 .....	35	52	-	-	-	-
10 to 49 .....	215	41	4	-	-	-
50 to 99 .....	5	-	-	-	-	-
100 to 199 .....	-	-	-	-	-	-
200 to 499 .....	-	-	-	-	-	-
500 or more .....	-	-	-	-	-	-
Other cattle (see text) .....	farms 3,733	3,869	1,999	1,280	947	1,259
	number 123,721	85,103	27,036	11,911	6,345	20,296
Cattle and calves sold .....	farms 3,877	4,156	2,234	1,430	1,027	236
	number 132,674	94,457	29,024	10,790	3,875	424
	\$1,000 71,976	47,598	13,499	4,616	1,629	153
Calves weighing less than 500 pounds .....	farms 1,305	1,748	979	642	415	99
	number 30,115	28,723	11,054	4,794	1,720	226
Cattle, including calves weighing 500 pounds or more .....	farms 3,482	3,568	1,818	1,125	778	149
	number 102,559	65,734	17,970	5,996	2,155	198
Cattle on feed (see text) .....	farms 1,056	798	398	264	192	44
	number 24,176	10,133	2,611	1,104	468	59
Hogs and pigs inventory .....	farms 532	355	159	100	112	123
	number 84,864	35,617	7,460	2,575	3,163	93,523
Farms with-						
1 to 24 .....	117	126	90	65	92	97
25 to 49 .....	55	55	29	19	8	5
50 to 99 .....	82	64	20	14	8	6
100 to 199 .....	121	67	12	1	2	1
200 to 499 .....	129	35	6	1	-	3
500 or more .....	28	8	2	-	2	11
Used or to be used for breeding .....	farms 318	219	96	45	44	66
	number 9,247	6,716	1,573	320	599	16,220
Other hogs and pigs .....	farms 490	320	135	93	97	113
	number 75,617	28,901	5,887	2,255	2,564	77,303
Hogs and pigs sold .....	farms 635	374	192	111	114	55
	number 164,677	49,492	9,353	2,898	1,553	181
	\$1,000 11,153	3,072	675	226	126	15
Sheep and lambs of all ages inventory (see text) .....	farms 426	488	383	327	406	393
	number 31,386	26,259	20,425	13,073	10,905	6,685
Ewes 1 year old or older .....	farms 404	455	364	315	372	359
	number 16,813	15,513	12,092	8,349	6,761	4,435
Sheep and lambs sold .....	farms 333	375	326	273	376	147
	number 26,933	19,629	15,389	9,122	7,503	1,435
Horses and ponies inventory .....	farms 999	1,378	1,042	964	1,097	2,678
	number 7,339	10,472	7,583	7,111	7,153	17,345
Horses and ponies sold .....	farms 254	391	407	453	506	194
	number 1,393	2,038	1,567	1,336	1,099	292
Goats, All inventory .....	farms 113	173	141	121	158	216
	number 1,692	2,612	1,687	1,990	2,465	2,105
Goats sold .....	farms 47	73	78	66	83	54
	number 2,722	1,640	1,044	1,081	1,164	(D)
<b>POULTRY</b>						
Layers 20 weeks old and older inventory .....	farms 193	236	196	150	256	333
	number 18,678	11,581	7,120	4,060	6,210	8,007
Farms with-						
1 to 399 .....	185	233	193	150	256	333
400 to 3,199 .....	8	3	3	-	-	-
3,200 to 9,999 .....	-	-	-	-	-	-
10,000 to 19,999 .....	-	-	-	-	-	-
20,000 to 49,999 .....	-	-	-	-	-	-
50,000 to 99,999 .....	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-
Pullets for laying flock replacement inventory .....	farms 68	53	50	37	66	67
	number 3,241	3,843	869	1,343	1,426	1,807
Layers and pullets sold (see text) .....	farms 35	50	51	40	41	46
	number 11,509	11,779	6,220	2,146	1,667	1,317
Broilers and other meat-type chickens sold .....	farms 62	72	68	61	79	70
	number 179,642	74,204	20,810	15,492	8,265	8,230
Farms with-						
1 to 1,999 .....	49	65	67	59	79	70
2,000 to 59,999 .....	13	7	1	2	-	-
60,000 to 99,999 .....	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>POULTRY - Con.</b>						
Turkeys inventory	farms number	355 3,681,862	31 2,947,274	17 489,662	27 214,924	22 26,316
Turkeys sold	farms number	200 9,145,415	35 7,451,809	18 990,597	27 590,186	14 91,684
<b>CROPS HARVESTED</b>						
Corn for grain	farms acres bushels	52,806 11,761,392 1,851,276,224	1,172 930,593 156,235,390	2,902 1,847,825 306,318,259	7,328 3,271,880 527,677,748	14,081 3,490,382 537,021,501
Irrigated	farms acres	416 86,261	31 15,945	61 18,229	108 25,166	56 18,383
Farms by acres harvested:						
1 to 24 acres		4,881	11	22	36	251
25 to 99 acres		15,510	60	101	308	1,278
100 to 249 acres		16,414	171	394	1,191	3,165
250 to 499 acres		10,115	256	744	2,825	6,694
500 acres or more		5,886	674	1,641	2,968	454
Corn for silage or greenchop	farms acres tons	6,909 247,269 4,726,816	358 40,396 756,123	683 41,886 812,322	1,322 54,076 1,010,800	2,313 64,925 1,301,067
Irrigated	farms acres	13 514	2 (D)	3 (D)	3 (D)	3 19
Farms by acres harvested:						
1 to 24 acres		4,025	51	175	573	830
25 to 99 acres		2,387	165	381	647	241
100 to 249 acres		393	104	111	83	36
250 to 499 acres		92	29	14	18	6
500 acres or more		12	9	2	1	-
Sorghum for grain	farms acres bushels	38 2,355 142,814	3 (D) (D)	5 383 20,500	6 655 10,809	7 454 37,900
Irrigated	farms acres	- -	- -	- -	- -	- -
Farms by acres harvested:						
1 to 24 acres		21	1	1	3	3
25 to 99 acres		12	1	3	1	2
100 to 249 acres		1	-	1	-	-
250 to 499 acres		4	1	-	2	1
500 acres or more		-	-	-	-	-
Wheat for grain, All	farms acres bushels	412 18,317 961,995	12 (D) (D)	22 2,005 112,184	80 3,682 219,544	99 5,417 275,693
Irrigated	farms acres	1 (D)	- -	- -	- -	1 (D)
Farms by acres harvested:						
1 to 24 acres		212	4	7	41	34
25 to 99 acres		157	4	7	29	28
100 to 249 acres		35	3	6	10	5
250 to 499 acres		6	1	1	-	5
500 acres or more		2	1	1	-	-
Barley for grain	farms acres bushels	152 4,166 241,818	2 (D) (D)	7 426 27,267	21 681 52,497	48 966 60,973
Irrigated	farms acres	- -	- -	- -	- -	- -
Farms by acres harvested:						
1 to 24 acres		98	-	-	10	37
25 to 99 acres		49	1	6	10	11
100 to 249 acres		3	-	1	1	-
250 to 499 acres		2	1	-	-	1
500 acres or more		-	-	-	-	-
Oats for grain	farms acres bushels	6,963 143,513 10,761,952	106 3,329 270,518	334 9,460 773,017	918 23,658 1,904,044	2,015 45,492 3,531,334
Irrigated	farms acres	1 (D)	- -	- -	- -	1 (D)
Farms by acres harvested:						
1 to 24 acres		5,144	63	202	576	1,400
25 to 99 acres		1,732	38	116	322	588
100 to 249 acres		84	4	16	19	26
250 to 499 acres		2	1	-	-	1
500 acres or more		1	-	-	1	-
Flaxseed	farms acres bushels	2 (D) (D)	- - -	- - -	- - -	- (D) (D)
Irrigated	farms acres	- -	- -	- -	- -	- -
Sunflower seed, All	farms acres pounds	6 (D) (D)	1 (D) (D)	- - -	- - -	1 (D) (D)
Irrigated	farms acres	- -	- -	- -	- -	- -
Farms by acres harvested:						
1 to 24 acres		4	-	-	-	-
25 to 99 acres		-	-	-	-	-
100 to 249 acres		1	-	-	-	1
250 to 499 acres		1	1	-	-	-
500 acres or more		-	-	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>POULTRY - Con.</b>						
Turkeys inventory	28	51	40	23	44	52
	farms					
	number	378	605	287	299	365
Turkeys sold	15	22	16	10	16	10
	farms					
	number	1,405	595	369	202	191
<b>CROPS HARVESTED</b>						
Corn for grain	8,153	5,466	1,587	792	549	200
	farms					
	acres	594,390	225,143	36,533	10,515	1,839
	bushels	85,519,491	31,078,905	4,652,903	1,250,473	467,714
Irrigated	30	6	4	-	-	-
	farms					
	acres	1,858	287	106	-	-
Farms by acres harvested:						
1 to 24 acres	574	1,340	1,038	714	539	195
25 to 99 acres	6,015	3,949	543	78	10	3
100 to 249 acres	1,511	173	2	-	-	1
250 to 499 acres	50	3	4	-	-	1
500 acres or more	3	1	-	-	-	-
Corn for silage or greenchop	640	341	75	21	21	22
	farms					
	acres	11,637	5,821	838	333	151
	tons	205,515	95,783	11,783	3,065	1,571
Irrigated	1	-	-	-	-	-
	farms					
	acres	(D)	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	508	279	68	16	21	18
25 to 99 acres	125	57	7	5	-	3
100 to 249 acres	7	4	-	-	-	-
250 to 499 acres	-	1	-	-	-	1
500 acres or more	-	-	-	-	-	-
Sorghum for grain	5	3	-	1	2	-
	farms					
	acres	203	17	-	(D)	-
	bushels	(D)	(D)	(D)	(D)	-
Irrigated	-	-	-	-	-	-
	farms					
	acres	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	3	3	-	1	2	-
25 to 99 acres	2	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Wheat for grain, All	47	47	19	8	9	2
	farms					
	acres	1,171	1,482	396	112	73
	bushels	56,890	68,900	18,830	4,264	2,894
Irrigated	-	-	-	-	-	(D)
	farms					
	acres	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	33	22	12	8	9	2
25 to 99 acres	11	22	7	-	-	-
100 to 249 acres	3	3	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Barley for grain	22	21	4	-	2	-
	farms					
	acres	470	444	(D)	(D)	-
	bushels	24,114	16,364	(D)	(D)	-
Irrigated	-	-	-	-	-	-
	farms					
	acres	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	15	13	2	-	2	-
25 to 99 acres	7	7	2	-	-	-
100 to 249 acres	-	1	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Oats for grain	993	663	216	126	67	61
	farms					
	acres	16,869	10,048	2,625	1,469	541
	bushels	1,161,383	695,065	149,886	84,064	33,118
Irrigated	-	-	-	-	-	-
	farms					
	acres	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	804	574	195	113	66	60
25 to 99 acres	186	86	21	13	1	1
100 to 249 acres	3	3	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Flaxseed	-	-	-	1	-	-
	farms					
	acres	-	-	(D)	-	-
	bushels	-	-	(D)	-	-
Irrigated	-	-	-	-	-	-
	farms					
	acres	-	-	-	-	-
Sunflower seed, All	1	-	-	1	-	2
	farms					
	acres	(D)	-	(D)	-	(D)
	pounds	(D)	-	(D)	-	(D)
Irrigated	-	-	-	-	-	-
	farms					
	acres	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	1	-	-	1	-	2
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>CROPS HARVESTED - Con.</b>						
Tobacco	farms	3	-	-	1	2
	acres	8	-	-	(D)	(D)
	pounds	17,678	-	-	(D)	(D)
Irrigated	farms	-	-	-	-	-
	acres	-	-	-	-	-
Farms by acres harvested:						
0.1 to 0.9 acres		-	-	-	-	-
1.0 to 1.9 acres		-	-	-	-	-
2.0 to 2.9 acres		2	-	1	1	-
3.0 to 4.9 acres		1	-	-	1	-
5.0 to 9.9 acres		-	-	-	-	-
10.0 to 24.9 acres		-	-	-	-	-
25.0 acres or more		-	-	-	-	-
Soybeans for beans	farms	48,752	1,113	2,832	7,079	13,285
	acres	10,418,621	753,375	1,614,050	2,932,591	3,125,025
	bushels	487,380,897	37,339,211	78,193,161	139,958,655	144,188,324
Irrigated	farms	283	14	46	76	80
	acres	46,977	6,961	10,758	13,229	11,138
Farms by acres harvested:						
1 to 24 acres		3,907	13	30	56	211
25 to 99 acres		15,373	78	187	461	1,548
100 to 249 acres		15,183	209	471	1,271	3,351
250 to 499 acres		9,371	297	735	2,805	5,994
500 acres or more		4,918	516	1,409	2,486	494
Dry edible beans, excluding limas	farms	56	2	3	9	8
	acres	2,270	(D)	426	364	513
	cwt	71,739	(D)	14,967	12,308	14,650
Irrigated	farms	-	-	-	-	-
	acres	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres		28	-	-	5	2
25 to 99 acres		22	2	2	3	3
100 to 249 acres		5	-	-	1	3
250 to 499 acres		1	-	1	-	-
500 acres or more		-	-	-	-	-
Potatoes	farms	117	2	1	5	16
	acres	1,005	(D)	(D)	125	266
	cwt	231,352	(D)	(D)	21,867	74,715
Irrigated	farms	13	-	-	1	1
	acres	91	-	-	(D)	(D)
Farms by acres harvested:						
0.1 to 4.9 acres		104	1	-	2	12
5.0 to 24.9 acres		6	-	-	1	1
25.0 to 99.9 acres		3	-	-	2	1
100.0 to 249.9 acres		3	-	1	-	2
250.0 acres or more		1	1	-	-	-
Sweet potatoes	farms	18	-	-	1	2
	acres	8	-	-	(D)	(D)
	cwt	639	-	-	(D)	(D)
Irrigated	farms	3	-	-	-	-
	acres	(D)	-	-	-	(D)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	farms	33,406	516	1,272	3,099	6,824
	acres	1,533,027	51,305	106,087	222,591	398,564
	tons, dry	5,177,896	214,242	433,601	861,430	1,513,653
Irrigated	farms	28	2	3	5	7
	acres	1,424	(D)	275	127	468
Farms by acres harvested:						
1 to 24 acres		15,567	101	363	965	2,330
25 to 99 acres		13,845	233	539	1,393	3,284
100 to 249 acres		3,500	132	295	612	1,084
250 to 499 acres		428	37	63	105	116
500 acres or more		66	13	12	24	10
Alfalfa hay	farms	29,114	438	1,135	2,820	6,238
	acres	1,168,668	33,950	84,684	172,057	314,620
	tons, dry	4,183,945	149,263	351,813	693,196	1,236,830
Irrigated	farms	22	1	3	3	6
	acres	1,214	(D)	275	25	439
Other tame hay	farms	5,579	76	157	355	869
	acres	217,296	6,069	8,554	20,679	41,311
	tons, dry	426,591	13,871	21,105	43,017	92,198
Irrigated	farms	4	-	-	-	1
	acres	(D)	-	-	-	(D)
Land used for vegetables (see text)	farms	752	15	35	59	93
	acres	9,268	713	1,180	2,215	2,549
Irrigated	farms	117	1	3	9	10
	acres	1,197	(D)	(D)	408	(D)
Farms by acres harvested:						
0.1 to 4.9 acres		511	8	16	27	43
5.0 to 24.9 acres		163	3	9	15	22
25.0 to 99.9 acres		57	1	5	11	21
100.0 to 249.9 acres		15	2	5	3	5
250.0 acres or more		6	1	-	3	2
Snap beans harvested for sale	farms	176	1	2	9	14
	acres	511	(D)	(D)	(D)	17
Harvested for processing	farms	15	-	-	1	2
	acres	262	-	-	(D)	(D)

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>CROPS HARVESTED - Con.</b>						
Tobacco						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
pounds	-	-	-	-	-	-
Irrigated farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
0.1 to 0.9 acres	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-
25.0 acres or more	-	-	-	-	-	-
Soybeans for beans						
farms	7,416	4,670	1,293	600	505	115
acres	531,947	208,925	38,064	11,361	5,143	1,497
bushels	23,208,746	8,642,963	1,412,890	386,462	177,894	50,614
Irrigated farms	24	5	3	-	1	-
acres	901	278	(D)	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	517	1,052	640	474	481	106
25 to 99 acres	5,588	3,386	642	121	24	7
100 to 249 acres	1,289	225	6	5	-	1
250 to 499 acres	39	7	5	-	-	1
500 acres or more	3	-	-	-	-	-
Dry edible beans, excluding limas						
farms	12	8	4	2	-	1
acres	340	187	44	(D)	-	(D)
cwt	9,467	5,498	(D)	(D)	-	(D)
Irrigated farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	6	4	4	2	-	1
25 to 99 acres	6	4	-	-	-	-
100 to 249 acres	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Potatoes						
farms	36	16	9	7	-	5
acres	49	10	2	2	-	1
cwt	12,301	2,757	1,625	761	-	116
Irrigated farms	2	2	1	1	-	-
acres	(D)	(D)	(D)	(D)	-	-
Farms by acres harvested:						
0.1 to 4.9 acres	35	16	9	7	-	5
5.0 to 24.9 acres	1	-	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-
Sweet potatoes						
farms	3	4	3	1	-	2
acres	(D)	1	(Z)	(D)	-	(D)
cwt	(D)	(D)	37	(D)	-	(D)
Irrigated farms	1	-	-	-	-	-
acres	(D)	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)						
farms	4,298	4,485	2,384	1,684	1,632	2,112
acres	190,042	160,300	61,592	32,340	24,277	28,932
tons, dry	567,132	425,873	139,916	70,085	43,743	47,055
Irrigated farms	2	1	2	1	-	1
acres	(D)	(D)	(D)	(D)	-	(D)
Farms by acres harvested:						
1 to 24 acres	1,774	2,121	1,485	1,251	1,362	1,828
25 to 99 acres	2,065	2,119	836	421	263	279
100 to 249 acres	434	232	61	12	6	4
250 to 499 acres	25	12	2	-	1	1
500 acres or more	-	1	-	-	-	-
Alfalfa hay						
farms	3,883	3,926	1,988	1,323	1,226	1,473
acres	144,074	119,609	42,553	21,238	15,170	17,808
tons, dry	467,226	343,567	105,105	51,079	30,604	32,154
Irrigated farms	2	1	-	1	-	1
acres	(D)	(D)	-	(D)	-	(D)
Other tame hay						
farms	728	811	540	389	370	528
acres	33,280	32,434	15,491	9,272	6,691	8,108
tons, dry	66,872	58,395	26,219	14,922	9,532	11,483
Irrigated farms	1	-	2	-	-	-
acres	(D)	-	(D)	-	-	-
Land used for vegetables (see text)						
farms	110	115	87	74	38	28
acres	587	390	168	90	28	15
Irrigated farms	29	23	14	11	-	1
acres	161	81	9	6	-	(D)
Farms by acres harvested:						
0.1 to 4.9 acres	67	88	79	73	37	28
5.0 to 24.9 acres	41	27	8	1	1	-
25.0 to 99.9 acres	2	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-
Snap beans harvested for sale						
farms	39	39	23	15	2	1
acres	23	41	5	2	(D)	(D)
Harvested for processing farms	2	2	2	-	2	-
acres	(D)	(D)	(D)	-	(D)	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) - Con.						
Peas, green, harvested for sale	farms 46	2	4	7	9	7
	acres 1,140	(D)	198	410	385	(D)
Harvested for processing	farms 6	-	-	2	3	1
	acres 493	-	-	(D)	(D)	(D)
Sweet corn harvested for sale	farms 462	10	24	48	64	77
	acres 4,876	87	733	1,334	1,500	727
Harvested for processing	farms 58	-	-	10	13	6
	acres 1,891	-	-	822	927	(D)
Tomatoes harvested for sale	farms 288	-	2	6	29	47
	acres 205	-	(D)	8	37	62
Harvested for processing	farms 25	-	-	1	2	1
	acres 17	-	-	(D)	(D)	(D)
Field and grass seed crops, All	farms 87	1	-	4	12	6
	acres 2,757	(D)	-	359	911	146
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
All land in orchards	farms 493	-	7	10	24	34
	acres 3,141	-	33	368	370	181
Irrigated	farms 26	-	-	-	1	6
	acres (D)	-	-	-	(D)	9
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	352	-	5	7	15	23
5.0 to 24.9 acres	117	-	2	-	2	9
25.0 to 99.9 acres	21	-	-	2	6	2
100.0 to 249.9 acres	2	-	-	-	1	-
250.0 acres or more	1	-	-	1	-	-
Apples	farms 344	-	7	7	16	29
	Bearing and nonbearing acres 2,025	-	32	364	304	160
Grapes	farms 133	-	1	3	6	7
	Bearing and nonbearing acres 154	-	(D)	(D)	7	(D)
Peaches, All	farms 61	-	-	1	3	6
	Bearing and nonbearing acres 23	-	-	(D)	(D)	3
Pecans	farms 15	-	-	1	-	-
	Bearing and nonbearing acres 15	-	-	(D)	-	-
Walnuts, English	farms 26	-	-	-	-	-
	Bearing and nonbearing acres 122	-	-	-	-	-
Land in berries harvested for sale (see text)						
	farms 168	-	3	11	10	27
	acres 228	-	(D)	25	34	45
Irrigated	farms 53	-	-	3	3	11
	acres 116	-	-	(D)	12	33

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARMS AND LAND IN FARMS</b>						
Farms . . . . . number	90,655	1,590	3,420	8,128	15,240	11,850
Land in farms . . . . . percent	100.0	1.8	3.8	9.0	16.8	13.1
Land in farms . . . . . acres	31,729,490	2,203,482	4,186,591	7,545,964	8,409,791	3,710,366
Average size of farm . . . . . acres	350	1,386	1,224	928	552	313
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text) . . . . . farms	90,655	1,590	3,420	8,128	15,240	11,850
\$1,000	12,812,531	3,623,371	2,349,034	2,833,435	2,480,248	859,312
Average per farm . . . . . dollars	141,333	2,278,850	686,852	348,602	162,746	72,516
Farms by economic class:						
Less than \$1,000 (see text) . . . . .	5,250	-	-	-	-	-
\$1,000 to \$2,499 . . . . .	8,594	-	-	-	-	-
\$2,500 to \$4,999 . . . . .	6,906	-	-	-	-	-
\$5,000 to \$9,999 . . . . .	7,692	-	-	-	-	-
\$10,000 to \$24,999 . . . . .	11,568	-	-	-	-	-
\$25,000 to \$49,999 . . . . .	10,417	-	-	-	-	-
\$50,000 to \$99,999 . . . . .	11,850	-	-	-	-	11,850
\$100,000 to \$249,999 . . . . .	15,240	-	-	-	15,240	-
\$250,000 to \$499,999 . . . . .	8,128	-	-	8,128	-	-
\$500,000 to \$999,999 . . . . .	3,420	-	3,420	-	-	-
\$1,000,000 or more . . . . .	1,590	1,590	-	-	-	-
\$1,000,000 to \$2,499,999 . . . . .	1,312	1,312	-	-	-	-
\$2,500,000 to \$4,999,999 . . . . .	168	168	-	-	-	-
\$5,000,000 or more . . . . .	110	110	-	-	-	-
Total sales (see text) . . . . . farms	90,655	1,590	3,420	8,128	15,240	11,850
\$1,000	12,273,634	3,587,723	2,279,539	2,714,516	2,354,329	804,410
Grains, oilseeds, dry beans, and dry peas <sup>1</sup> . . . . . farms						
\$1,000	55,294	1,226	3,070	7,643	14,181	10,693
Sales of \$50,000 or more . . . . . farms	5,858,528	543,784	1,024,531	1,740,116	1,650,494	578,912
\$1,000	29,658	1,109	2,783	6,893	12,173	6,700
Tobacco . . . . . farms	5,334,562	540,928	1,016,931	1,719,673	1,598,935	458,096
\$1,000	3	-	-	1	2	-
Sales of \$50,000 or more . . . . . farms	29	-	-	(D)	(D)	-
\$1,000	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms						
\$1,000	757	16	35	61	104	96
Sales of \$50,000 or more . . . . . farms	19,491	(D)	4,808	2,927	3,421	2,177
\$1,000	77	4	12	17	28	16
Fruits, tree nuts, and berries . . . . . farms	13,401	2,762	4,449	2,462	2,659	1,069
\$1,000	412	2	7	11	22	44
Sales of \$50,000 or more . . . . . farms	4,496	(D)	100	660	636	557
\$1,000	13	-	-	4	7	2
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms	1,313	-	-	628	(D)	(D)
\$1,000	554	18	16	32	91	67
Sales of \$50,000 or more . . . . . farms	77,610	43,325	9,280	8,054	9,272	3,561
\$1,000	165	18	13	26	64	44
Cut Christmas trees and short-rotation woody crops . . . . . farms	72,506	43,325	9,217	7,965	9,030	2,970
\$1,000	215	1	5	5	10	17
Sales of \$50,000 or more . . . . . farms	1,424	(D)	(D)	(D)	(D)	206
\$1,000	2	-	-	2	-	-
Other crops and hay (see text) . . . . . farms	(D)	-	-	(D)	-	-
\$1,000	12,703	144	448	1,192	2,422	1,875
Sales of \$50,000 or more . . . . . farms	109,695	4,184	8,672	17,101	30,503	19,458
\$1,000	319	22	37	65	139	56
Cattle and calves . . . . . farms	29,955	2,809	4,590	6,962	12,053	3,541
\$1,000	29,515	766	1,503	3,421	6,549	4,683
Sales of \$50,000 or more . . . . . farms	2,119,935	871,103	360,840	343,049	291,699	121,482
\$1,000	6,374	663	1,064	1,883	2,101	663
Milk and other dairy products from cows . . . . . farms	1,770,185	868,844	350,975	308,792	198,928	42,646
\$1,000	2,913	80	176	507	1,169	569
Sales of \$50,000 or more . . . . . farms	442,431	118,401	70,476	99,093	121,464	25,783
\$1,000	1,969	80	173	471	998	247
Hogs and pigs . . . . . farms	419,340	118,401	70,387	98,027	116,356	16,168
\$1,000	11,275	998	1,834	2,759	3,002	1,253
Sales of \$50,000 or more . . . . . farms	3,078,455	1,531,648	769,022	484,543	234,384	44,551
\$1,000	7,453	984	1,736	2,409	1,942	382
Sheep, goats, and their products . . . . . farms	3,007,680	1,531,374	766,513	475,809	208,151	25,832
\$1,000	3,842	31	79	232	544	467
Sales of \$50,000 or more . . . . . farms	23,366	2,075	3,049	4,174	4,697	2,948
\$1,000	63	6	9	19	20	9
Horses, ponies, mules, burros, and donkeys . . . . . farms	10,411	1,919	2,730	3,094	2,102	567
\$1,000	2,845	16	44	84	207	240
Sales of \$50,000 or more . . . . . farms	13,643	72	926	379	1,796	1,808
\$1,000	23	-	5	1	5	12
Poultry and eggs . . . . . farms	2,415	-	790	(D)	(D)	855
\$1,000	1,572	106	60	104	170	181
Sales of \$50,000 or more . . . . . farms	511,949	468,687	25,696	10,975	3,855	1,364
\$1,000	222	101	42	45	27	7
\$1,000	509,004	468,676	25,669	10,789	3,362	508

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARMS AND LAND IN FARMS</b>						
Farms . . . . . number	10,417	11,568	7,692	6,906	8,594	5,250
Land in farms . . . . . percent	11.5	12.8	8.5	7.6	9.5	5.8
Land in farms . . . . . acres	2,163,917	1,693,348	708,312	431,991	329,204	346,524
Average size of farm . . . . . acres	208	146	92	63	38	66
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text) . . . . . farms	10,417	11,568	7,692	6,906	8,594	5,250
Average per farm . . . . . \$1,000	380,718	190,530	55,259	25,007	14,352	1,265
Farms by economic class:	36,548	16,470	7,184	3,621	1,670	241
Less than \$1,000 (see text) . . . . .	-	-	-	-	-	5,250
\$1,000 to \$2,499 . . . . .	-	-	-	-	8,594	-
\$2,500 to \$4,999 . . . . .	-	-	-	6,906	-	-
\$5,000 to \$9,999 . . . . .	-	-	7,692	-	-	-
\$10,000 to \$24,999 . . . . .	-	11,568	-	-	-	-
\$25,000 to \$49,999 . . . . .	10,417	-	-	-	-	-
\$50,000 to \$99,999 . . . . .	-	-	-	-	-	-
\$100,000 to \$249,999 . . . . .	-	-	-	-	-	-
\$250,000 to \$499,999 . . . . .	-	-	-	-	-	-
\$500,000 to \$999,999 . . . . .	-	-	-	-	-	-
\$1,000,000 or more . . . . .	-	-	-	-	-	-
\$1,000,000 to \$2,499,999 . . . . .	-	-	-	-	-	-
\$2,500,000 to \$4,999,999 . . . . .	-	-	-	-	-	-
\$5,000,000 or more . . . . .	-	-	-	-	-	-
Total sales (see text) . . . . . farms	10,417	11,568	7,692	6,906	8,594	5,250
\$1,000	341,648	143,407	30,584	11,521	5,356	602
Grains, oilseeds, dry beans, and dry peas <sup>1</sup> . . . . . farms	8,438	6,111	1,937	1,039	843	113
\$1,000	230,043	76,153	10,183	2,970	1,268	74
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Tobacco . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms	118	115	92	67	35	18
\$1,000	1,685	972	(D)	181	39	4
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Fruits, tree nuts, and berries . . . . . farms	72	90	71	45	31	17
\$1,000	1,232	843	285	107	33	(D)
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms	86	111	58	43	27	5
\$1,000	2,240	1,418	317	111	31	2
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Cut Christmas trees and short-rotation woody crops . . . . . farms	21	51	39	25	28	13
\$1,000	275	373	158	72	43	(D)
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Other crops and hay (see text) . . . . . farms	1,711	1,764	1,074	789	894	390
\$1,000	13,474	9,805	3,508	1,733	1,073	183
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Cattle and calves . . . . . farms	3,993	4,161	2,051	1,277	931	180
\$1,000	70,617	44,090	11,525	3,971	1,444	115
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Milk and other dairy products from cows . . . . . farms	275	102	20	5	8	2
\$1,000	5,921	1,204	79	5	(D)	(D)
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Hogs and pigs . . . . . farms	608	374	188	110	115	34
\$1,000	10,388	2,959	620	208	122	10
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Sheep, goats, and their products . . . . . farms	439	536	437	374	441	262
\$1,000	2,257	1,737	1,211	695	447	75
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Horses, ponies, mules, burros, and donkeys . . . . . farms	278	420	445	465	487	159
\$1,000	1,962	2,874	1,820	1,249	676	83
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Poultry and eggs . . . . . farms	145	201	157	135	180	133
\$1,000	630	363	174	99	73	35
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) . . . . . farms	47	-	2	5	7	7
\$1,000	2,308	-	(D)	(D)	455	269
Sales of \$50,000 or more . . . . . farms	10	-	-	4	3	3
\$1,000	2,131	-	-	(D)	438	(D)
Other animals and other animal products (see text) . . . . . farms	563	3	10	16	57	53
\$1,000	10,276	(D)	2,092	1,836	1,550	1,335
Sales of \$50,000 or more . . . . . farms	36	2	4	6	9	15
\$1,000	7,787	(D)	2,045	1,817	1,295	(D)
Government payments . . . . . farms	63,074	1,124	2,749	6,819	12,367	8,959
\$1,000	538,896	35,648	69,495	118,919	125,919	54,901
Value of -						
Certified organically produced commodities (see text) . . . . . farms	402	1	5	21	92	68
\$1,000	13,333	(D)	918	1,926	5,799	1,812
Landlord's share of total sales (see text) . . . . . farms	10,707	230	614	2,324	3,781	1,997
\$1,000	519,739	41,464	66,033	182,136	166,859	46,158
Agricultural products sold directly to individuals for human consumption (see text) . . . . . farms	2,455	27	77	154	307	281
\$1,000	11,651	166	382	1,110	2,376	2,508
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>						
Total farm production expenses . . . . . farms	90,648	1,590	3,449	8,215	15,051	11,792
\$1,000	10,303,448	3,006,872	1,851,408	2,136,997	1,853,480	689,171
Average per farm . . . . . dollars	113,664	1,891,114	536,796	260,134	123,147	58,444
Fertilizer, lime, and soil conditioners purchased . . . . . farms	61,514	1,321	3,197	7,893	14,350	11,038
\$1,000	665,890	51,452	99,871	191,030	192,746	75,520
Farms with expenses of-						
\$1 to \$4,999 . . . . .	28,624	201	382	733	2,315	4,358
\$5,000 to \$24,999 . . . . .	25,550	509	1,225	3,749	10,438	6,552
\$25,000 to \$49,999 . . . . .	5,538	278	945	2,777	1,407	128
\$50,000 or more . . . . .	1,802	333	645	634	190	-
Chemicals purchased . . . . . farms	54,776	912	1,657	6,707	12,123	9,479
\$1,000	464,509	34,201	49,276	142,083	143,754	54,818
Farms with expenses of-						
\$1 to \$4,999 . . . . .	29,778	131	170	574	2,137	4,598
\$5,000 to \$24,999 . . . . .	20,455	312	658	3,726	9,224	4,817
\$25,000 to \$49,999 . . . . .	3,719	238	528	2,157	723	64
\$50,000 or more . . . . .	824	231	301	250	39	-
Seeds, plants, vines, and trees . . . . . farms	59,724	1,250	3,081	7,501	13,848	10,270
\$1,000	603,316	54,170	93,774	168,157	177,514	63,818
Farms with expenses of-						
\$1 to \$999 . . . . .	11,754	45	92	111	279	417
\$1,000 to \$4,999 . . . . .	17,485	107	212	498	1,704	3,939
\$5,000 to \$24,999 . . . . .	24,681	428	1,268	4,263	10,949	5,848
\$25,000 to \$49,999 . . . . .	4,496	324	899	2,360	844	57
\$50,000 or more . . . . .	1,308	346	610	269	72	9
Livestock and poultry purchased . . . . . farms	25,756	1,374	2,425	4,140	5,498	3,373
\$1,000	1,854,227	973,952	423,032	262,705	128,034	34,971
Farms with expenses of-						
\$1 to \$4,999 . . . . .	12,317	18	202	874	2,232	1,698
\$5,000 to \$24,999 . . . . .	5,383	52	272	882	1,414	1,224
\$25,000 to \$99,999 . . . . .	4,095	113	360	1,356	1,711	444
\$100,000 to \$249,999 . . . . .	2,216	172	957	939	140	7
\$250,000 or more . . . . .	1,745	1,019	634	89	1	-
Breeding livestock purchased (see text) . . . . . farms	13,436	431	849	1,846	3,174	1,932
\$1,000	100,883	43,321	13,997	12,360	13,704	6,363
Other livestock and poultry purchased . . . . . farms	16,372	1,203	2,054	2,965	3,297	1,903
\$1,000	1,753,344	930,630	409,034	250,345	114,330	28,608
Feed purchased . . . . . farms	41,037	1,440	2,673	5,290	7,974	5,328
\$1,000	1,922,817	1,013,952	382,603	256,527	157,505	52,266
Farms with expenses of-						
\$1 to \$4,999 . . . . .	22,966	29	220	1,228	2,893	3,008
\$5,000 to \$24,999 . . . . .	8,952	74	438	1,202	2,893	1,838
\$25,000 to \$99,999 . . . . .	5,557	139	653	2,061	2,059	443
\$100,000 to \$249,999 . . . . .	1,952	222	782	758	128	28
\$250,000 or more . . . . .	1,610	976	580	41	1	11
Gasoline, fuels, and oils . . . . . farms	87,485	1,583	3,441	8,212	14,952	11,704
\$1,000	348,189	53,900	61,442	74,636	79,791	32,252
Farms with expenses of-						
\$1 to \$4,999 . . . . .	67,422	146	380	1,894	8,242	10,269
\$5,000 to \$24,999 . . . . .	18,367	813	2,260	6,168	6,646	1,435
\$25,000 to \$49,999 . . . . .	1,289	356	689	135	53	-
\$50,000 or more . . . . .	407	268	112	15	11	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) . . . . . farms	5	6	5	5	4	1
\$1,000	59	51	(D)	4	(D)	(D)
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Other animals and other animal products (see text) . . . . . farms	60	93	88	64	78	41
\$1,000	864	565	(D)	117	97	11
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Government payments . . . . . farms	7,138	7,284	4,988	4,547	5,921	1,178
\$1,000	39,070	47,123	24,676	13,486	8,996	663
Value of -						
Certified organically produced commodities (see text) . . . . . farms	73	79	26	13	21	3
\$1,000	1,190	(D)	91	25	27	(D)
Landlord's share of total sales (see text) . . . . . farms	1,037	470	139	59	44	12
\$1,000	13,707	2,926	351	72	29	3
Agricultural products sold directly to individuals for human consumption (see text) . . . . . farms	282	393	281	252	280	121
\$1,000	2,147	1,586	712	401	228	36
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>						
Total farm production expenses . . . . . farms	10,536	11,556	7,579	7,173	8,703	5,004
\$1,000	343,758	194,186	80,407	58,647	50,027	38,495
Average per farm . . . . . dollars	32,627	16,804	10,609	8,176	5,748	7,693
Fertilizer, lime, and soil conditioners purchased . . . . . farms	9,055	6,968	2,925	1,896	1,895	976
\$1,000	35,002	13,997	3,236	1,525	833	679
Farms with expenses of-						
\$1 to \$4,999 . . . . .	6,593	6,421	2,879	1,873	1,895	974
\$5,000 to \$24,999 . . . . .	2,462	546	46	23	-	-
\$25,000 to \$49,999 . . . . .	-	1	-	-	-	2
\$50,000 or more . . . . .	-	-	-	-	-	-
Chemicals purchased . . . . . farms	7,870	6,836	3,014	2,245	2,621	1,312
\$1,000	25,053	10,477	2,425	1,109	691	623
Farms with expenses of-						
\$1 to \$4,999 . . . . .	6,413	6,607	2,983	2,234	2,621	1,310
\$5,000 to \$24,999 . . . . .	1,457	228	22	11	-	-
\$25,000 to \$49,999 . . . . .	-	-	9	-	-	-
\$50,000 or more . . . . .	-	1	-	-	-	2
Seeds, plants, vines, and trees . . . . . farms	8,177	6,960	2,886	1,999	2,615	1,137
\$1,000	28,215	11,476	2,898	1,348	1,085	859
Farms with expenses of-						
\$1 to \$999 . . . . .	972	2,775	2,010	1,726	2,416	911
\$1,000 to \$4,999 . . . . .	5,616	3,946	823	251	177	212
\$5,000 to \$24,999 . . . . .	1,579	237	53	22	22	12
\$25,000 to \$49,999 . . . . .	10	2	-	-	-	-
\$50,000 or more . . . . .	-	-	-	-	-	2
Livestock and poultry purchased . . . . . farms	2,343	2,438	1,446	1,057	941	721
\$1,000	14,436	8,706	3,341	1,935	1,479	1,636
Farms with expenses of-						
\$1 to \$4,999 . . . . .	1,481	1,926	1,331	969	894	692
\$5,000 to \$24,999 . . . . .	787	508	104	80	34	26
\$25,000 to \$99,999 . . . . .	75	3	11	8	13	1
\$100,000 to \$249,999 . . . . .	-	-	-	-	-	1
\$250,000 or more . . . . .	-	1	-	-	-	1
Breeding livestock purchased (see text) . . . . . farms	1,496	1,522	782	558	456	390
\$1,000	4,134	3,691	1,173	992	637	510
Other livestock and poultry purchased . . . . . farms	1,197	1,180	850	683	582	458
\$1,000	10,302	5,015	2,168	943	842	1,127
Feed purchased . . . . . farms	4,347	4,490	2,835	2,255	1,947	2,458
\$1,000	28,390	14,125	6,786	4,577	2,026	4,061
Farms with expenses of-						
\$1 to \$4,999 . . . . .	3,049	3,678	2,568	2,064	1,929	2,300
\$5,000 to \$24,999 . . . . .	1,156	770	241	167	18	155
\$25,000 to \$99,999 . . . . .	108	42	25	24	-	3
\$100,000 to \$249,999 . . . . .	34	-	-	-	-	-
\$250,000 or more . . . . .	-	-	1	-	-	-
Gasoline, fuels, and oils . . . . . farms	10,419	11,130	7,188	6,749	8,039	4,068
\$1,000	18,163	11,751	5,601	4,233	4,146	2,274
Farms with expenses of-						
\$1 to \$4,999 . . . . .	9,964	10,943	7,085	6,616	7,865	4,018
\$5,000 to \$24,999 . . . . .	446	164	91	132	174	38
\$25,000 to \$49,999 . . . . .	8	23	12	1	-	12
\$50,000 or more . . . . .	1	-	-	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) . . . . . farms	62,217	1,558	3,363	7,827	13,777	9,855
\$1,000	215,675	49,154	38,009	38,941	42,952	19,430
Farms with expenses of-						
\$1 to \$999 . . . . .	21,787	28	45	374	1,640	2,819
\$1,000 to \$4,999 . . . . .	30,383	174	903	4,414	9,954	6,475
\$5,000 to \$24,999 . . . . .	9,238	860	2,175	3,018	2,171	548
\$25,000 to \$49,999 . . . . .	551	291	191	19	10	13
\$50,000 or more . . . . .	258	205	49	2	2	-
Supplies, repairs, and maintenance . . . . . farms	81,393	1,590	3,448	8,204	14,616	11,191
\$1,000	646,011	99,116	107,192	126,965	143,289	65,795
Farms with expenses of-						
\$1 to \$4,999 . . . . .	49,261	69	292	1,320	4,233	6,410
\$5,000 to \$24,999 . . . . .	26,872	451	1,540	5,597	9,635	4,545
\$25,000 to \$49,999 . . . . .	3,626	445	977	1,130	642	227
\$50,000 or more . . . . .	1,634	625	639	157	106	9
Hired farm labor . . . . . farms	28,135	1,376	2,676	5,381	7,091	3,874
\$1,000	409,190	177,111	84,465	74,820	43,991	10,320
Farms with expenses of-						
\$1 to \$4,999 . . . . .	18,752	181	641	2,690	4,847	3,273
\$5,000 to \$24,999 . . . . .	5,901	316	877	1,762	1,895	574
\$25,000 to \$99,999 . . . . .	2,840	492	989	858	338	26
\$100,000 to \$249,999 . . . . .	480	234	161	71	10	1
\$250,000 or more . . . . .	162	153	8	-	1	-
Contract labor . . . . . farms	6,425	319	479	858	1,306	846
\$1,000	37,829	15,410	4,832	5,357	4,401	2,465
Farms with expenses of-						
\$1 to \$999 . . . . .	2,376	19	95	203	426	356
\$1,000 to \$4,999 . . . . .	2,856	82	201	457	643	370
\$5,000 to \$24,999 . . . . .	959	115	130	150	219	111
\$25,000 to \$49,999 . . . . .	115	40	38	24	11	-
\$50,000 or more . . . . .	119	63	15	24	7	9
Customwork and custom hauling . . . . . farms	30,366	777	1,465	3,577	6,870	4,636
\$1,000	160,788	26,782	19,805	26,385	40,839	21,962
Farms with expenses of-						
\$1 to \$999 . . . . .	10,046	27	116	574	1,283	1,183
\$1,000 to \$4,999 . . . . .	12,204	154	502	1,414	3,095	2,118
\$5,000 to \$24,999 . . . . .	7,189	351	710	1,430	2,188	1,282
\$25,000 to \$49,999 . . . . .	622	111	73	118	262	40
\$50,000 or more . . . . .	305	134	64	41	42	13
Cash rent for land, buildings, and grazing fees . . . . . farms	34,940	973	2,415	6,584	10,498	6,034
\$1,000	1,182,053	143,287	205,702	372,714	325,088	89,300
Farms with expenses of-						
\$1 to \$4,999 . . . . .	8,577	42	71	348	1,150	1,452
\$5,000 to \$9,999 . . . . .	3,994	27	87	314	1,031	1,128
\$10,000 to \$24,999 . . . . .	8,380	113	254	1,045	3,198	2,397
\$25,000 or more . . . . .	13,989	791	2,003	4,877	5,119	1,057
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	8,558	428	779	1,851	2,447	1,267
\$1,000	68,636	12,460	12,680	20,943	14,977	4,218
Farms with expenses of-						
\$1 to \$999 . . . . .	2,228	41	71	226	490	396
\$1,000 to \$4,999 . . . . .	3,150	77	209	594	1,058	570
\$5,000 to \$24,999 . . . . .	2,605	163	334	872	806	299
\$25,000 to \$49,999 . . . . .	387	84	112	105	76	1
\$50,000 or more . . . . .	188	63	53	54	17	1
Interest expense . . . . . farms	49,156	1,459	3,098	7,118	11,370	7,373
\$1,000	704,077	113,940	119,849	164,306	153,503	63,507
Farms with expenses of-						
\$1 to \$4,999 . . . . .	20,323	107	253	994	3,052	3,313
\$5,000 to \$24,999 . . . . .	21,382	295	1,075	3,770	6,761	3,670
\$25,000 to \$99,999 . . . . .	6,717	698	1,577	2,236	1,505	388
\$100,000 or more . . . . .	734	359	193	118	52	2
Secured by real estate . . . . . farms	36,961	1,222	2,493	5,423	8,250	5,160
\$1,000	456,338	64,961	70,931	105,240	97,458	43,638
Farms with expenses of-						
\$1 to \$999 . . . . .	4,282	71	166	220	547	448
\$1,000 to \$4,999 . . . . .	11,729	118	305	917	2,171	1,809
\$5,000 to \$24,999 . . . . .	16,613	371	1,069	2,990	4,667	2,618
\$25,000 to \$49,999 . . . . .	2,827	259	521	907	653	250
\$50,000 or more . . . . .	1,510	403	432	389	212	35
Not secured by real estate . . . . . farms	30,368	1,038	2,280	5,205	8,182	4,937
\$1,000	247,739	48,978	48,919	59,066	56,044	19,869
Farms with expenses of-						
\$1 to \$999 . . . . .	7,036	24	85	389	912	891
\$1,000 to \$4,999 . . . . .	10,724	79	295	1,176	3,175	2,664
\$5,000 to \$24,999 . . . . .	10,536	364	1,170	3,086	3,932	1,351
\$25,000 to \$49,999 . . . . .	1,521	263	556	514	134	31
\$50,000 or more . . . . .	551	308	174	40	29	-
Property taxes paid . . . . . farms	82,051	1,542	3,325	7,539	13,425	10,244
\$1,000	346,765	25,819	40,002	60,091	73,394	43,740
Farms with expenses of-						
\$1 to \$4,999 . . . . .	62,053	449	1,228	3,317	7,873	7,189
\$5,000 to \$9,999 . . . . .	12,542	332	789	2,146	3,768	2,498
\$10,000 to \$24,999 . . . . .	6,142	471	869	1,823	1,641	490
\$25,000 or more . . . . .	1,314	290	439	253	143	67

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) . . . . . farms	7,535	6,785	3,705	2,891	3,056	1,865
\$1,000	10,447	6,563	4,286	2,439	2,254	1,199
Farms with expenses of-						
\$1 to \$999 . . . . .	3,512	4,361	2,772	2,206	2,469	1,561
\$1,000 to \$4,999 . . . . .	3,882	2,356	802	629	507	287
\$5,000 to \$24,999 . . . . .	132	68	119	55	80	12
\$25,000 to \$49,999 . . . . .	9	-	12	1	-	5
\$50,000 or more . . . . .	-	-	-	-	-	-
Supplies, repairs, and maintenance . . . . . farms	9,543	10,008	6,281	6,065	6,913	3,534
\$1,000	37,642	26,770	12,507	9,481	9,462	7,791
Farms with expenses of-						
\$1 to \$4,999 . . . . .	7,038	8,689	5,694	5,654	6,589	3,273
\$5,000 to \$24,999 . . . . .	2,453	1,215	557	388	264	227
\$25,000 to \$49,999 . . . . .	35	74	21	23	49	3
\$50,000 or more . . . . .	17	30	9	-	11	31
Hired farm labor . . . . . farms	2,469	1,998	1,200	703	750	617
\$1,000	7,113	2,764	2,531	1,870	2,372	1,835
Farms with expenses of-						
\$1 to \$4,999 . . . . .	2,210	1,917	1,156	655	626	556
\$5,000 to \$24,999 . . . . .	220	73	20	14	108	42
\$25,000 to \$99,999 . . . . .	39	7	23	34	16	18
\$100,000 to \$249,999 . . . . .	-	1	1	-	-	1
\$250,000 or more . . . . .	-	-	-	-	-	-
Contract labor . . . . . farms	648	620	401	307	395	246
\$1,000	2,228	933	520	523	729	431
Farms with expenses of-						
\$1 to \$999 . . . . .	165	369	264	162	182	135
\$1,000 to \$4,999 . . . . .	356	217	113	135	193	89
\$5,000 to \$24,999 . . . . .	126	33	24	9	20	22
\$25,000 to \$49,999 . . . . .	1	1	-	-	-	-
\$50,000 or more . . . . .	-	-	-	1	-	-
Customwork and custom hauling . . . . . farms	4,486	3,646	1,631	1,230	1,243	805
\$1,000	14,897	6,383	1,444	740	740	810
Farms with expenses of-						
\$1 to \$999 . . . . .	1,278	1,721	1,122	1,003	1,127	612
\$1,000 to \$4,999 . . . . .	2,297	1,666	480	216	95	167
\$5,000 to \$24,999 . . . . .	891	259	29	11	12	26
\$25,000 to \$49,999 . . . . .	9	-	-	-	9	-
\$50,000 or more . . . . .	11	-	-	-	-	-
Cash rent for land, buildings, and grazing fees . . . . . farms	3,551	2,495	955	543	432	460
\$1,000	31,675	10,492	1,727	751	384	933
Farms with expenses of-						
\$1 to \$4,999 . . . . .	1,515	1,711	920	524	419	425
\$5,000 to \$9,999 . . . . .	807	554	21	7	13	5
\$10,000 to \$24,999 . . . . .	1,104	227	3	12	-	27
\$25,000 or more . . . . .	125	3	11	-	-	3
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	759	394	199	107	176	151
\$1,000	1,976	652	169	96	222	243
Farms with expenses of-						
\$1 to \$999 . . . . .	375	196	116	88	139	90
\$1,000 to \$4,999 . . . . .	297	178	82	9	26	50
\$5,000 to \$24,999 . . . . .	78	20	1	10	11	11
\$25,000 to \$49,999 . . . . .	9	-	-	-	-	-
\$50,000 or more . . . . .	-	-	-	-	-	-
Interest expense . . . . . farms	5,447	4,847	2,722	2,357	2,122	1,243
\$1,000	30,603	23,741	12,258	11,293	6,520	4,557
Farms with expenses of-						
\$1 to \$4,999 . . . . .	3,210	3,099	1,856	1,767	1,720	952
\$5,000 to \$24,999 . . . . .	2,158	1,653	850	527	368	255
\$25,000 to \$99,999 . . . . .	79	95	15	54	34	36
\$100,000 or more . . . . .	-	-	1	9	-	-
Secured by real estate . . . . . farms	3,816	3,806	2,238	1,854	1,622	1,077
\$1,000	22,179	20,159	10,929	10,415	6,044	4,383
Farms with expenses of-						
\$1 to \$999 . . . . .	551	753	320	318	523	365
\$1,000 to \$4,999 . . . . .	1,528	1,537	1,199	1,002	710	433
\$5,000 to \$24,999 . . . . .	1,690	1,436	703	471	355	243
\$25,000 to \$49,999 . . . . .	38	70	14	48	34	33
\$50,000 or more . . . . .	9	10	2	15	-	3
Not secured by real estate . . . . . farms	3,200	2,246	1,121	962	846	351
\$1,000	8,425	3,582	1,329	878	477	173
Farms with expenses of-						
\$1 to \$999 . . . . .	1,110	1,120	721	769	729	286
\$1,000 to \$4,999 . . . . .	1,643	1,034	349	156	89	64
\$5,000 to \$24,999 . . . . .	439	77	51	37	28	1
\$25,000 to \$49,999 . . . . .	8	15	-	-	-	-
\$50,000 or more . . . . .	-	-	-	-	-	-
Property taxes paid . . . . . farms	9,335	10,298	7,129	6,504	8,108	4,602
\$1,000	29,291	27,626	14,114	11,787	13,329	7,571
Farms with expenses of-						
\$1 to \$4,999 . . . . .	7,805	9,395	6,671	6,140	7,619	4,367
\$5,000 to \$9,999 . . . . .	1,312	658	333	262	314	130
\$10,000 to \$24,999 . . . . .	204	221	104	81	148	90
\$25,000 or more . . . . .	14	24	21	21	27	15

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
All other production expenses (see text)	farms \$1,000	64,832 673,475	1,526 162,165	3,320 108,873	7,635 151,337	12,928 131,703	10,032 54,789
Farms with expenses of-							
\$1 to \$4,999		38,522	45	202	1,302	4,394	6,270
\$5,000 to \$24,999		20,805	393	1,699	4,590	7,695	3,525
\$25,000 to \$49,999		3,350	345	840	1,171	645	193
\$50,000 to \$99,999		1,423	336	408	463	163	44
\$100,000 or more		732	407	171	109	31	-
Production expenses paid by landlords <sup>3</sup>	farms \$1,000	10,057 169,575	247 19,994	694 29,153	2,022 46,481	3,042 49,337	1,680 15,266
Depreciation expenses claimed (see text)	farms \$1,000	49,049 1,005,074	1,474 225,437	3,164 186,298	7,480 227,996	12,217 199,968	8,250 77,114
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>							
Net cash farm income of operations (see text)							
	farms \$1,000	90,648 2,863,769	1,590 637,608	3,449 547,621	8,215 779,175	15,051 665,447	11,792 197,973
Average per farm	dollars	31,592	401,012	158,777	94,848	44,213	16,789
Farms with net gains <sup>4</sup>	number	60,139	1,241	2,891	7,189	12,849	9,330
Average net gain	dollars	58,054	594,104	216,556	118,340	58,512	27,977
Gain of-							
Less than \$1,000		4,051	-	4	14	46	116
\$1,000 to \$4,999		9,046	7	12	53	301	645
\$5,000 to \$9,999		7,216	7	12	126	505	737
\$10,000 to \$24,999		11,948	30	74	339	1,662	2,955
\$25,000 to \$49,999		9,806	41	135	715	3,426	3,794
\$50,000 or more		18,072	1,156	2,654	5,912	6,909	1,083
Farms with net losses	number	30,509	349	558	1,026	2,202	2,462
Average net loss	dollars	20,570	285,602	140,578	69,756	39,223	25,612
Loss of-							
Less than \$1,000		3,867	3	2	26	55	192
\$1,000 to \$4,999		9,849	12	14	52	286	320
\$5,000 to \$9,999		6,228	10	22	58	309	551
\$10,000 to \$24,999		5,386	15	54	218	537	706
\$25,000 to \$49,999		2,498	30	91	209	489	343
\$50,000 or more		2,681	279	375	463	526	350
Net cash farm income of operators (see text)	farms \$1,000	90,648 2,624,949	1,590 634,353	3,449 512,845	8,215 682,731	15,051 594,251	11,792 171,657
Average per farm	dollars	28,958	398,964	148,694	83,108	39,482	14,557
Operators reporting net gains <sup>4</sup>	farms \$1,000	59,502 1,265,939	1,265 571,939	2,865 205,966	7,008 108,703	12,589 54,663	9,183 26,244
Average net gain	dollars	54,850	571,939	205,966	108,703	54,663	26,244
Gain of-							
Less than \$1,000		4,142	-	5	11	68	119
\$1,000 to \$4,999		9,385	4	16	128	399	715
\$5,000 to \$9,999		7,329	14	27	142	476	889
\$10,000 to \$24,999		12,387	30	89	471	2,033	3,020
\$25,000 to \$49,999		9,788	44	165	829	3,570	3,524
\$50,000 or more		16,471	1,173	2,563	5,427	6,043	916
Operators reporting net losses	farms	31,146	325	584	1,207	2,462	2,609
Average net loss	dollars	20,508	274,306	132,270	65,501	38,141	26,579
Loss of-							
Less than \$1,000		3,888	3	6	31	86	183
\$1,000 to \$4,999		9,893	13	17	81	305	335
\$5,000 to \$9,999		6,261	12	27	80	330	517
\$10,000 to \$24,999		5,650	16	61	240	623	766
\$25,000 to \$49,999		2,629	31	96	222	537	432
\$50,000 or more		2,825	250	377	553	581	376
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>							
Total	farms \$1,000	17,025 709,718	463 59,864	1,211 125,485	3,336 243,163	5,431 208,605	3,195 51,489
<b>INCOME FROM FARM-RELATED SOURCES</b>							
Total income from farm-related sources, gross before taxes and expenses (see text)							
	farms \$1,000	40,681 339,770	1,010 20,193	2,236 32,227	5,309 52,395	9,309 60,050	6,360 38,973
Customwork and other agricultural services	farms \$1,000	10,771 103,243	422 10,021	1,056 18,198	2,358 28,718	3,472 27,252	1,584 10,176
Gross cash rent or share payments	farms \$1,000	12,081 170,001	132 3,695	229 5,097	574 9,727	1,141 17,762	1,393 21,519
Sales of forest products, excluding Christmas trees and maple products	farms \$1,000	688 4,934	5 87	21 367	39 365	112 744	105 612
Recreational services (see text)	farms \$1,000	256 880	6 29	7 11	23 32	46 198	39 103

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARM PRODUCTION EXPENSES <sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) farms	8,447	7,688	4,045	3,235	3,788	2,188
\$1,000	28,625	17,728	6,565	4,940	3,755	2,994
Farms with expenses of-						
\$1 to \$4,999	6,750	7,010	3,795	3,043	3,636	2,075
\$5,000 to \$24,999	1,633	632	229	171	152	86
\$25,000 to \$49,999	57	32	21	21	-	25
\$50,000 to \$99,999	7	-	-	-	-	2
\$100,000 or more	-	14	-	-	-	-
Production expenses paid by landlords <sup>3</sup> farms	1,118	553	208	178	188	127
\$1,000	6,139	1,987	508	259	264	186
Depreciation expenses claimed (see text) farms	6,095	4,750	2,061	1,381	1,374	803
\$1,000	41,206	32,862	5,646	3,902	3,174	1,471
<b>NET CASH FARM INCOME (SEE TEXT) <sup>2</sup></b>						
Net cash farm income of operations (see text) farms						
\$1,000	10,536	11,556	7,579	7,173	8,703	5,004
Average per farm dollars	76,651	20,417	-7,566	-13,591	-15,219	-24,746
	7,275	1,767	-998	-1,895	-1,749	-4,945
Farms with net gains <sup>4</sup> number	7,603	7,601	4,087	3,255	3,370	723
Average net gain dollars	16,818	8,729	6,078	5,906	5,277	11,525
Gain of-						
Less than \$1,000	128	565	450	668	1,792	268
\$1,000 to \$4,999	1,037	1,838	2,164	1,889	890	180
\$5,000 to \$9,999	1,550	2,855	1,004	180	184	56
\$10,000 to \$24,999	3,623	2,144	316	359	377	69
\$25,000 to \$49,999	1,180	153	87	100	62	113
\$50,000 or more	85	46	66	59	65	37
Farms with net losses number	2,933	3,955	3,492	3,918	5,333	4,281
Average net loss dollars	17,462	11,613	9,280	8,376	6,189	7,727
Loss of-						
Less than \$1,000	252	302	415	699	1,261	660
\$1,000 to \$4,999	704	1,276	1,370	1,510	2,382	1,923
\$5,000 to \$9,999	614	1,028	943	968	921	804
\$10,000 to \$24,999	780	956	501	473	471	675
\$25,000 to \$49,999	346	283	186	176	205	140
\$50,000 or more	237	110	77	92	93	79
Net cash farm income of operators (see text) farms	10,536	11,556	7,579	7,173	8,703	5,004
\$1,000	69,189	20,201	-7,306	-13,406	-15,006	-24,560
Average per farm dollars	6,567	1,748	-964	-1,869	-1,724	-4,908
Operators reporting net gains <sup>4</sup> farms	7,439	7,574	4,081	3,299	3,415	784
Average net gain dollars	16,459	8,722	6,132	5,868	5,246	10,655
Gain of-						
Less than \$1,000	152	572	431	679	1,786	319
\$1,000 to \$4,999	1,083	1,858	2,129	1,922	941	190
\$5,000 to \$9,999	1,510	2,799	1,052	180	184	56
\$10,000 to \$24,999	3,488	2,135	316	359	377	69
\$25,000 to \$49,999	1,130	164	87	100	62	113
\$50,000 or more	76	46	66	59	65	37
Operators reporting net losses farms	3,097	3,982	3,498	3,874	5,288	4,220
Average net loss dollars	17,193	11,517	9,243	8,457	6,225	7,799
Loss of-						
Less than \$1,000	269	293	428	660	1,271	658
\$1,000 to \$4,999	728	1,344	1,374	1,505	2,327	1,864
\$5,000 to \$9,999	641	1,029	932	968	921	804
\$10,000 to \$24,999	892	932	501	473	471	675
\$25,000 to \$49,999	330	274	186	176	205	140
\$50,000 or more	237	110	77	92	93	79
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total farms	1,950	1,037	231	101	57	13
\$1,000	16,974	3,748	313	59	14	2
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) farms						
\$1,000	4,929	4,361	2,259	1,733	1,914	1,261
Customwork and other agricultural services farms	34,803	31,569	19,452	17,436	20,728	11,943
\$1,000	857	541	195	112	104	70
	4,653	2,259	778	591	182	417
Gross cash rent or share payments farms	1,482	2,077	1,455	1,266	1,426	906
\$1,000	24,716	25,775	16,652	15,908	19,330	9,820
Sales of forest products, excluding Christmas trees and maple products farms	78	122	78	42	52	34
\$1,000	521	949	471	269	331	218
Recreational services (see text) farms	35	42	20	9	20	9
\$1,000	129	189	82	(D)	30	(D)

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) . . . . . farms	24,233	740	1,658	4,015	6,834	4,392
Patronage dividends and refunds from cooperatives (see text) . . . . . \$1,000	27,174	3,072	4,069	7,378	7,435	2,885
Other farm-related income sources (see text) . . . . . farms	8,445	227	462	1,012	2,080	1,548
Other farm-related income sources (see text) . . . . . \$1,000	33,537	3,289	4,485	6,174	6,659	3,678
<b>LAND USE</b>						
Total cropland . . . . . farms	84,755	1,363	3,219	7,924	14,967	11,582
Total cropland . . . . . acres	27,153,291	2,005,975	3,893,175	6,950,462	7,437,785	3,070,916
Harvested cropland . . . . . farms	67,338	1,320	3,175	7,880	14,863	11,391
Harvested cropland . . . . . acres	23,994,343	1,934,939	3,767,933	6,646,143	6,927,292	2,697,719
Farms by acres harvested:						
1 to 49 acres . . . . .	14,687	47	49	92	243	363
50 to 99 acres . . . . .	7,557	19	32	61	263	556
100 to 199 acres . . . . .	11,660	46	98	262	1,101	3,262
200 to 499 acres . . . . .	17,404	188	471	1,305	7,282	6,887
500 to 999 acres . . . . .	10,515	329	825	3,420	5,600	315
1,000 to 1,999 acres . . . . .	4,630	374	1,212	2,668	366	8
2,000 acres or more . . . . .	885	317	488	72	8	-
Cropland-						
For pasture or grazing only . . . . . farms	20,676	222	627	1,688	3,783	3,168
For pasture or grazing only . . . . . acres	1,355,161	38,940	76,850	201,705	336,259	230,128
On which all crops failed . . . . . farms	1,395	18	39	102	226	215
On which all crops failed . . . . . acres	45,029	3,066	1,900	5,472	9,715	6,225
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms	29,532	353	767	1,834	3,237	2,465
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . acres	1,758,758	29,030	46,492	97,142	164,519	136,844
In cultivated summer fallow . . . . . farms	-	-	-	-	-	-
In cultivated summer fallow . . . . . acres	-	-	-	-	-	-
Total woodland . . . . . farms	21,515	198	502	1,340	2,931	2,531
Total woodland . . . . . acres	1,336,752	36,169	52,362	112,147	225,899	181,761
Woodland pastured . . . . . farms	9,809	99	233	698	1,592	1,381
Woodland pastured . . . . . acres	548,815	14,781	24,992	57,904	122,427	93,470
Woodland not pastured . . . . . farms	14,593	130	348	870	1,878	1,594
Woodland not pastured . . . . . acres	787,937	21,388	27,370	54,243	103,472	88,291
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms	23,863	307	735	1,905	4,062	3,180
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . acres	1,735,421	77,647	118,128	230,445	396,466	246,763
Land in house lots, ponds, roads, wasteland, etc. . . . . farms						
Land in house lots, ponds, roads, wasteland, etc. . . . . acres	56,291	1,215	2,414	5,530	10,388	8,167
Land in house lots, ponds, roads, wasteland, etc. . . . . acres	1,504,026	83,691	122,926	252,910	349,641	210,926
Irrigated land . . . . . farms						
Irrigated land . . . . . acres	976	51	84	153	215	129
Harvested cropland . . . . . farms	142,109	26,786	31,314	40,941	28,867	9,601
Harvested cropland . . . . . acres	934	51	84	152	212	126
Pastureland and other land . . . . . farms	141,438	(D)	31,314	(D)	28,858	(D)
Pastureland and other land . . . . . acres	45	1	-	2	3	3
Pastureland and other land . . . . . acres	671	(D)	-	(D)	9	(D)
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms	30,454	462	1,039	2,374	3,845	2,783
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . acres	1,694,138	24,924	55,510	120,460	203,734	177,997
Land used to raise certified organically produced crops (see text) . . . . . farms	364	1	4	18	87	63
Land used to raise certified organically produced crops (see text) . . . . . acres	46,557	(D)	2,630	4,728	16,890	8,499
Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms	45,205	1,155	2,834	6,900	12,450	8,698
Land enrolled in Federal or other crop insurance programs (see text) . . . . . acres	19,609,071	1,659,812	3,298,177	5,728,470	5,679,872	2,004,549
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>						
Estimated market value of land and buildings . . . . . farms	90,648	1,590	3,449	8,215	15,051	11,792
Estimated market value of land and buildings . . . . . \$1,000	64,154,298	5,175,314	9,048,405	16,012,833	16,585,012	6,753,805
Average per farm . . . . . dollars	707,730	3,254,914	2,623,487	1,949,219	1,101,921	572,745
Average per acre . . . . . dollars	2,005	2,352	2,145	2,053	1,986	1,822
Farms by value group:						
\$1 to \$49,999 . . . . .	9,531	62	61	87	177	228
\$50,000 to \$99,999 . . . . .	9,784	31	49	67	245	293
\$100,000 to \$199,999 . . . . .	14,535	31	48	110	375	846
\$200,000 to \$499,999 . . . . .	22,282	96	212	474	1,701	3,904
\$500,000 to \$999,999 . . . . .	14,637	151	405	1,091	4,699	5,372
\$1,000,000 to \$1,999,999 . . . . .	11,607	324	758	2,515	6,519	1,047
\$2,000,000 to \$4,999,999 . . . . .	7,413	583	1,491	3,772	1,314	100
\$5,000,000 to \$9,999,999 . . . . .	793	253	418	99	21	2
\$10,000,000 or more . . . . .	66	59	7	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) farms	3,104	1,977	597	361	348	207
\$1,000	1,414	689	78	(D)	80	(D)
Other farm-related income sources (see text) farms	1,196	937	343	212	209	219
\$1,000	3,371	1,708	1,391	578	777	1,427
<b>LAND USE</b>						
Total cropland farms	10,086	10,884	6,992	6,118	7,586	4,034
acres	1,632,877	1,128,615	438,931	245,138	175,165	174,252
Harvested cropland farms	9,613	8,497	3,830	2,519	2,348	1,902
acres	1,249,235	549,605	118,792	47,888	30,046	24,751
Farms by acres harvested:						
1 to 49 acres	888	3,335	3,152	2,373	2,300	1,845
50 to 99 acres	2,101	3,710	589	130	40	56
100 to 199 acres	5,456	1,329	85	16	5	-
200 to 499 acres	1,144	120	3	-	3	1
500 to 999 acres	23	2	1	-	-	-
1,000 to 1,999 acres	1	1	-	-	-	-
2,000 acres or more	-	-	-	-	-	-
Cropland-						
For pasture or grazing only farms	2,653	2,998	1,714	1,249	1,145	1,429
acres	171,084	154,587	53,591	29,057	18,790	44,170
On which all crops failed farms	170	227	129	64	63	142
acres	4,764	5,603	2,346	1,212	715	4,011
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) farms	2,509	4,095	3,708	3,704	5,161	1,699
acres	207,794	418,820	264,202	166,981	125,614	101,320
In cultivated summer fallow farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Total woodland farms	2,584	3,473	2,356	1,946	2,083	1,571
acres	163,388	217,719	122,203	84,415	75,928	64,761
Woodland pastured farms	1,354	1,617	936	600	588	711
acres	73,019	76,434	32,779	14,570	16,644	21,795
Woodland not pastured farms	1,633	2,304	1,690	1,482	1,629	1,035
acres	90,369	141,285	89,424	69,845	59,284	42,966
Pastureland and rangeland, other than cropland and woodland pastured (see text) farms	3,052	3,534	2,084	1,569	1,585	1,850
acres	219,104	206,580	83,921	53,706	35,555	67,106
Land in house lots, ponds, roads, wasteland, etc. farms	6,922	6,963	4,168	3,399	3,898	3,227
acres	148,548	140,434	63,257	48,732	42,556	40,405
Irrigated land farms	125	87	58	37	22	15
acres	3,263	612	282	342	48	53
Harvested cropland farms	121	82	53	29	17	7
acres	3,225	530	215	40	33	7
Pastureland and other land farms	5	5	5	8	5	8
acres	38	82	67	302	15	46
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs farms	2,760	4,091	3,535	3,779	4,944	842
acres	245,007	396,555	230,519	140,693	87,269	11,470
Land used to raise certified organically produced crops (see text) farms	71	77	22	7	12	2
acres	6,958	4,864	(D)	147	90	(D)
Land enrolled in Federal or other crop insurance programs (see text) farms	6,376	4,192	1,221	576	519	284
acres	826,890	300,212	49,599	21,957	14,514	25,019
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>						
Estimated market value of land and buildings farms	10,536	11,556	7,579	7,173	8,703	5,004
\$1,000	3,549,735	2,706,585	1,365,867	1,142,482	1,072,245	742,014
Average per farm dollars	336,915	234,215	180,217	159,275	123,204	148,284
Average per acre dollars	1,648	1,554	1,977	2,494	3,045	2,328
Farms by value group:						
\$1 to \$49,999	476	886	964	1,794	3,164	1,632
\$50,000 to \$99,999	509	1,449	2,110	1,863	2,105	1,063
\$100,000 to \$199,999	1,699	3,583	2,529	2,102	1,968	1,244
\$200,000 to \$499,999	6,209	4,845	1,588	1,148	1,305	800
\$500,000 to \$999,999	1,448	687	271	169	126	218
\$1,000,000 to \$1,999,999	191	101	79	42	10	21
\$2,000,000 to \$4,999,999	4	5	38	55	25	26
\$5,000,000 to \$9,999,999	-	-	-	-	-	-
\$10,000,000 or more	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Estimated market value of all machinery and equipment	farms \$1,000	88,859 8,923,379	1,590 725,243	3,449 1,295,918	8,215 2,023,625	15,038 2,218,095	11,791 1,108,996
Farms by value group:							
\$1 to \$4,999	12,931	4	26	11	118	189	
\$5,000 to \$9,999	7,986	27	43	61	139	164	
\$10,000 to \$19,999	9,377	31	50	45	274	587	
\$20,000 to \$49,999	17,755	95	184	356	1,489	3,500	
\$50,000 to \$99,999	14,088	129	234	870	3,947	3,858	
\$100,000 to \$199,999	12,846	258	501	2,168	5,445	2,333	
\$200,000 to \$499,999	11,024	522	1,495	3,969	3,287	961	
\$500,000 or more	2,852	524	916	735	339	199	
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Tractors	farms number	83,313 266,070	1,535 8,033	3,375 16,689	8,017 37,087	14,707 61,120	11,493 40,491
Less than 40 horsepower (PTO)	farms number	37,582 58,562	504 929	1,145 2,056	2,916 4,835	6,200 9,795	4,633 7,838
40 to 99 horsepower (PTO)	farms number	60,593 106,497	1,163 2,518	2,628 5,451	6,120 11,923	11,391 21,440	8,877 16,281
100 horsepower (PTO) or more	farms number	49,844 101,011	1,332 4,586	3,175 9,182	7,724 20,329	13,479 29,885	9,407 16,372
Grain and bean combines (see text)	farms number	41,026 44,901	1,111 1,367	2,885 3,294	7,001 7,687	11,759 12,765	7,431 7,998
Cotton pickers and strippers	farms number	- -	- -	- -	- -	- -	- -
Forage harvesters, self-propelled (see text)	farms number	2,773 2,912	199 211	251 280	487 498	725 736	453 491
Hay balers	farms number	27,147 31,293	419 483	1,016 1,206	2,742 3,262	6,025 7,110	4,287 5,028
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners	farms acres treated	56,912 16,295,095	1,231 1,280,213	3,098 2,431,811	7,808 4,624,025	14,176 4,742,028	10,745 1,841,167
Manure	farms acres treated	26,512 2,333,984	979 289,012	2,073 437,832	7,330 604,703	4,199 586,344	4,199 214,268
Acres treated with chemicals to control-							
Insects	farms acres	20,331 3,714,004	546 364,370	951 440,108	3,694 1,098,444	5,821 1,085,881	3,578 411,015
Weeds, grass, or brush	farms acres	46,334 16,716,673	789 1,196,276	1,490 1,801,327	6,414 5,250,399	11,452 5,126,345	8,899 1,988,986
Nematodes	farms acres	1,782 292,947	35 20,001	55 23,773	367 102,212	479 87,113	342 31,563
Diseases in crops and orchards	farms acres	834 113,930	18 8,972	35 9,057	114 42,009	179 34,568	116 10,510
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	190 3,196	5 (D)	4 (D)	28 517	4 183	19 412
<b>TENURE</b>							
Full owners	farms	49,889	542	801	1,228	3,285	4,620
Part owners	farms	30,265	929	2,281	5,905	9,379	5,043
Tenants	farms	10,501	119	338	995	2,576	2,187
<b>OWNED AND RENTED LAND</b>							
Land owned	farms acres	80,876 18,364,478	1,475 979,437	3,092 1,709,907	7,173 2,872,336	12,774 3,897,264	9,845 2,440,499
Owned land in farms	farms acres	80,154 15,646,472	1,471 940,867	3,082 1,654,560	7,133 2,737,863	12,664 3,618,587	9,663 2,108,626
Land rented or leased from others	farms acres	41,084 16,269,487	1,050 1,268,683	2,627 2,538,336	6,920 4,829,729	11,984 4,820,008	7,289 1,639,762
Rented or leased land in farms	farms acres	40,766 16,083,018	1,048 1,262,615	2,619 2,532,031	6,900 4,808,101	11,955 4,791,204	7,230 1,601,740
Land rented or leased to others	farms acres	17,098 2,904,475	160 44,638	279 61,652	774 156,101	1,510 307,481	1,887 369,895
<b>NUMBER OF OPERATORS</b>							
Total operators	number	127,166	2,956	5,589	12,198	21,480	16,453
Farms by number of operators:							
1 operator	60,439	733	1,790	4,887	9,980	8,026	
2 operators	25,841	551	1,226	2,630	4,533	3,269	
3 operators	3,175	199	300	458	558	407	
4 operators	833	64	83	107	118	110	
5 or more operators	367	43	21	46	51	38	
Total women operators	number	28,143	438	1,008	2,331	4,136	3,173
Farms by number of women operators:							
1 operator	25,714	349	894	2,137	3,864	2,888	
2 operators	946	29	49	82	109	115	
3 operators	133	7	2	10	18	17	
4 operators	14	-	1	-	-	1	
5 or more operators	15	2	1	-	-	-	

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000	
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Estimated market value of all machinery and equipment	farms \$1,000	10,536 717,302	11,500 436,807	7,512 153,245	7,088 110,556	8,565 86,806	3,575 46,785
Farms by value group:							
\$1 to \$4,999	327	1,474	1,747	2,680	4,714	1,641	
\$5,000 to \$9,999	455	1,439	1,715	1,408	1,763	772	
\$10,000 to \$19,999	1,265	2,462	1,749	1,438	972	504	
\$20,000 to \$49,999	4,228	3,724	1,643	1,200	837	499	
\$50,000 to \$99,999	2,533	1,531	458	248	194	86	
\$100,000 to \$199,999	1,196	592	143	85	64	61	
\$200,000 to \$499,999	433	252	49	23	21	12	
\$500,000 or more	99	26	8	6	-	-	
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Tractors	farms number	10,108 31,924	10,633 26,471	6,822 14,089	6,189 12,209	7,354 12,554	3,080 5,403
Less than 40 horsepower (PTO)	farms number	4,462 7,209	4,910 7,362	3,447 5,216	3,492 5,229	4,282 5,813	1,591 2,280
40 to 99 horsepower (PTO)	farms number	7,953 14,772	7,745 13,220	4,618 7,004	3,932 5,739	4,246 5,659	1,920 2,490
100 horsepower (PTO) or more	farms number	6,631 9,943	4,365 5,889	1,401 1,869	972 1,241	856 1,082	502 633
Grain and bean combines (see text)	farms number	4,980 5,425	3,203 3,455	1,013 1,106	721 802	706 776	216 226
Cotton pickers and strippers	farms number	- -	- -	- -	- -	- -	- -
Forage harvesters, self-propelled (see text)	farms number	222 231	181 191	113 123	59 59	43 43	40 49
Hay balers	farms number	3,478 4,033	3,344 3,891	1,963 2,118	1,475 1,602	1,543 1,626	855 934
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners	farms acres treated	8,616 891,836	6,042 353,936	2,317 74,773	1,343 28,506	954 12,883	582 13,917
Manure	farms acres treated	2,888 112,473	2,183 54,323	959 18,126	520 6,970	394 3,739	392 6,194
Acres treated with chemicals to control-							
Insects	farms acres	2,592 209,619	1,868 82,586	519 11,698	321 4,670	221 1,968	220 3,645
Weeds, grass, or brush	farms acres	7,029 881,858	5,426 349,662	1,861 67,165	1,146 21,070	1,193 11,523	635 22,062
Nematodes	farms acres	271 22,040	123 4,651	38 970	9 405	24 54	39 165
Diseases in crops and orchards	farms acres	93 4,494	99 2,683	72 242	42 469	19 107	47 819
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	25 127	46 1,270	32 133	9 36	- -	18 144
<b>TENURE</b>							
Full owners	farms	5,819	8,332	6,457	6,188	8,008	4,609
Part owners	farms	2,864	1,929	802	416	342	375
Tenants	farms	1,734	1,307	433	302	244	266
<b>OWNED AND RENTED LAND</b>							
Land owned	farms acres	8,846 1,914,858	10,389 1,866,106	7,290 950,663	6,624 649,957	8,362 622,074	5,006 461,377
Owned land in farms	farms acres	8,683 1,529,370	10,261 1,408,933	7,259 645,507	6,604 399,469	8,350 308,099	4,984 294,591
Land rented or leased from others	farms acres	4,658 662,749	3,284 307,187	1,266 71,446	741 42,788	600 24,494	665 64,305
Rented or leased land in farms	farms acres	4,598 634,547	3,236 284,415	1,235 62,805	718 32,522	586 21,105	641 51,933
Land rented or leased to others	farms acres	2,088 413,690	2,968 479,945	2,111 313,797	1,836 260,754	2,149 317,364	1,336 179,158
<b>NUMBER OF OPERATORS</b>							
Total operators	number	14,326	15,886	10,527	9,225	11,277	7,249
Farms by number of operators:							
1 operator		7,134	7,905	5,330	4,945	6,271	3,438
2 operators		2,812	3,214	2,073	1,757	2,098	1,678
3 operators		366	322	191	137	144	93
4 operators		78	81	66	41	55	30
5 or more operators		27	46	32	26	26	11
Total women operators	number	2,933	3,774	2,757	2,486	2,923	2,184
Farms by number of women operators:							
1 operator		2,700	3,424	2,526	2,280	2,638	2,014
2 operators		94	117	87	75	115	74
3 operators		11	27	10	12	13	6
4 operators		-	5	1	1	4	1
5 or more operators		2	3	4	3	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	84,451	1,567	3,378	8,009	14,939	11,448
Female .....	6,204	23	42	119	301	402
Primary occupation:						
Farming .....	61,935	1,462	3,278	7,813	14,033	9,748
Other .....	28,720	128	142	315	1,207	2,102
Place of residence:						
On farm operated .....	69,329	1,250	3,038	7,318	13,176	9,223
Not on farm operated .....	21,326	340	382	810	2,064	2,627
Days worked off farm:						
None .....	41,409	1,215	2,504	5,470	8,563	5,532
Any .....	49,246	375	916	2,658	6,677	6,318
1 to 49 days .....	6,380	123	292	950	1,652	887
50 to 99 days .....	3,131	30	140	400	800	412
100 to 199 days .....	6,084	49	135	500	1,252	993
200 days or more .....	33,651	173	349	808	2,973	4,026
Years on present farm:						
2 years or less .....	2,314	18	31	50	135	209
3 or 4 years .....	4,493	59	68	123	396	422
5 to 9 years .....	12,038	204	297	590	1,190	1,209
10 years or more .....	71,810	1,309	3,024	7,365	13,519	10,010
Average years on present farm .....	23.9	23.4	25.0	26.0	26.7	26.8
Age group:						
Under 25 years .....	869	7	15	58	156	140
25 to 34 years .....	5,282	95	238	531	965	772
35 to 44 years .....	17,331	457	962	2,117	3,284	1,959
45 to 49 years .....	12,407	291	664	1,535	2,449	1,496
50 to 54 years .....	12,148	265	573	1,253	2,266	1,550
55 to 59 years .....	10,582	179	376	1,010	1,849	1,360
60 to 64 years .....	9,645	141	267	788	1,690	1,333
65 to 69 years .....	8,075	65	159	424	1,226	1,217
70 years and over .....	14,316	90	166	412	1,335	2,023
Average age .....	54.3	49.7	49.1	49.9	51.9	54.9
Spanish, Hispanic, or Latino origin (see text) .....	380	7	13	20	63	78
Race:						
White .....	90,472	1,590	3,418	8,121	15,228	11,834
Black or African American .....	31	-	1	-	3	5
American Indian or Alaska Native .....	61	-	-	4	7	2
Native Hawaiian or Other Pacific Islander .....	2	-	-	-	-	-
Asian .....	25	-	-	1	-	3
More than one race reported .....	64	-	1	2	2	6
Operators living on an American Indian reservation .....	1	-	-	-	-	-
Farms by number of persons living in operator's household:						
1 person .....	11,876	104	230	563	1,453	1,432
2 people .....	43,296	625	1,321	3,297	6,823	6,098
3 people .....	11,361	213	485	1,152	2,149	1,531
4 people .....	12,869	320	677	1,541	2,497	1,514
5 or more people .....	11,253	328	707	1,575	2,318	1,275
Percent of operator's total household income from farming:						
Less than 25 percent .....	36,935	115	245	694	2,143	3,170
25 to 49 percent .....	12,304	83	208	639	1,936	2,094
50 to 74 percent .....	16,287	316	676	1,650	3,556	2,987
75 to 99 percent .....	11,096	344	865	2,187	3,364	1,729
100 percent .....	11,522	530	1,199	2,578	3,716	1,592
Operator is a hired manager .....	farms 2,511	202	227	380	525	278
acres 1,272,488		180,521	240,861	356,264	281,819	89,615
Farms with-						
Computer for farm business .....	41,722	1,331	2,685	5,738	8,820	5,392
Internet access .....	48,857	1,295	2,688	5,921	9,256	6,018
Farms by number of households sharing in net income of farm:						
1 household .....	67,219	713	2,026	5,545	10,980	8,524
2 households .....	15,043	382	736	1,438	2,573	2,270
3 households .....	3,396	164	280	452	632	495
4 households .....	1,365	82	84	171	287	153
5 households or more .....	1,121	47	67	142	243	130
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	farms 78,699	803	2,197	6,113	13,091	10,551
acres 24,657,577		1,086,585	2,625,486	5,523,863	7,110,183	3,261,620
Partnership .....	farms 5,792	311	435	643	931	775
acres 3,011,172		584,655	605,912	642,767	557,004	254,805
Registered under state law .....	farms 2,592	208	232	314	370	302
acres 1,502,606		383,484	338,014	309,634	219,283	97,333

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	9,846	10,508	6,751	5,953	7,510	4,542
Female .....	571	1,060	941	953	1,084	708
Primary occupation:						
Farming .....	7,418	6,636	3,530	2,779	3,109	2,129
Other .....	2,999	4,932	4,162	4,127	5,485	3,121
Place of residence:						
On farm operated .....	7,491	7,898	5,240	4,695	5,969	4,031
Not on farm operated .....	2,926	3,670	2,452	2,211	2,625	1,219
Days worked off farm:						
None .....	4,342	4,378	2,688	2,388	2,743	1,586
Any .....	6,075	7,190	5,004	4,518	5,851	3,664
1 to 49 days .....	595	572	376	317	381	235
50 to 99 days .....	364	315	213	141	196	120
100 to 199 days .....	775	756	460	388	460	316
200 days or more .....	4,341	5,547	3,955	3,672	4,814	2,993
Years on present farm:						
2 years or less .....	261	316	293	286	471	244
3 or 4 years .....	445	681	524	587	710	478
5 to 9 years .....	1,301	1,683	1,334	1,332	1,839	1,059
10 years or more .....	8,410	8,888	5,541	4,701	5,574	3,469
Average years on present farm .....	26.0	24.0	21.5	20.1	18.8	18.5
Age group:						
Under 25 years .....	132	147	63	54	62	35
25 to 34 years .....	638	612	373	343	417	298
35 to 44 years .....	1,610	1,666	1,239	1,254	1,767	1,016
45 to 49 years .....	1,146	1,303	904	821	1,062	736
50 to 54 years .....	1,170	1,402	931	856	1,093	769
55 to 59 years .....	1,160	1,332	889	840	941	646
60 to 64 years .....	1,152	1,273	888	734	868	511
65 to 69 years .....	1,122	1,173	762	634	868	425
70 years and over .....	2,287	2,660	1,643	1,370	1,516	814
Average age .....	56.5	57.1	56.8	55.9	55.0	54.2
Spanish, Hispanic, or Latino origin (see text) .....	33	51	29	32	19	35
Race:						
White .....	10,403	11,545	7,658	6,888	8,568	5,219
Black or African American .....	4	9	2	-	2	5
American Indian or Alaska Native .....	4	6	8	5	10	15
Native Hawaiian or Other Pacific Islander .....	-	-	-	-	-	1
Asian .....	1	2	11	3	4	-
More than one race reported .....	5	6	13	9	10	10
Operators living on an American Indian reservation .....	-	-	-	1	-	-
Farms by number of persons living in operator's household:						
1 person .....	1,505	1,836	1,265	1,234	1,433	821
2 people .....	5,426	6,029	3,914	3,292	4,033	2,438
3 people .....	1,257	1,245	907	765	973	684
4 people .....	1,228	1,381	893	913	1,203	702
5 or more people .....	1,001	1,077	713	702	952	605
Percent of operator's total household income from farming:						
Less than 25 percent .....	3,931	6,070	5,171	5,020	6,449	3,927
25 to 49 percent .....	2,172	2,271	1,077	702	730	392
50 to 74 percent .....	2,345	1,940	851	678	778	510
75 to 99 percent .....	1,019	647	286	231	253	171
100 percent .....	703	430	199	175	245	155
Operator is a hired manager .....	247 farms	210 acres	108	100	139	95
acres .....	54,659	34,985	10,988	6,661	7,961	8,154
Farms with-						
Computer for farm business .....	4,106	4,184	2,717	2,298	2,767	1,684
Internet access .....	4,712	5,174	3,628	3,324	4,261	2,580
Farms by number of households sharing in net income of farm:						
1 household .....	7,621	8,873	6,128	5,585	6,951	4,273
2 households .....	1,963	1,946	1,093	886	1,108	648
3 households .....	361	300	201	197	198	116
4 households .....	106	136	91	72	115	68
5 households or more .....	119	103	71	66	83	50
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	9,392 farms	10,453 acres	7,008	6,302	7,855	4,934
acres .....	1,927,142	1,503,791	634,080	377,843	298,558	308,426
Partnership .....	666 farms	707 acres	384	357	422	161
Registered under state law .....	264 farms	292 acres	159	165	219	67
acres .....	63,992	46,411	18,740	11,070	6,614	8,031

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation . . . . . farms	5,279	465	773	1,346	1,163	458
. . . . . acres	3,862,248	(D)	937,622	1,356,836	(D)	162,244
Family held . . . . . farms	4,900	405	726	1,314	1,132	450
. . . . . acres	3,742,023	471,579	923,696	1,346,990	695,359	158,990
More than 10 stockholders . . . . . farms	110	13	10	20	21	9
10 or less stockholders . . . . . farms	4,790	392	716	1,294	1,111	441
Other than family held . . . . . farms	379	60	47	32	31	8
. . . . . acres	120,225	(D)	13,926	9,846	(D)	3,254
More than 10 stockholders . . . . . farms	55	18	3	3	2	1
10 or less stockholders . . . . . farms	324	42	44	29	29	7
Other-cooperative, estate or trust, institutional, etc . . . . . farms	885	11	15	26	55	66
. . . . . acres	198,493	(D)	17,571	22,498	(D)	31,697
<b>HIRED FARM LABOR</b>						
Hired farm labor . . . . . farms	28,135	1,376	2,676	5,381	7,091	3,874
. . . . . workers	82,991	11,600	9,992	15,817	18,108	8,848
Workers by days worked:						
150 days or more . . . . . farms	9,057	1,130	1,863	2,520	2,096	748
. . . . . workers	22,027	7,295	4,209	5,022	3,189	1,206
Less than 150 days . . . . . farms	24,103	977	2,070	4,315	5,932	3,425
. . . . . workers	60,964	4,305	5,783	10,795	14,919	7,642
Migrant farm labor on farms with hired labor (see text) . . . . . farms	101	17	20	37	5	11
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	39	-	2	2	15	-
<b>FARMS BY SIZE</b>						
1 to 9 acres . . . . .	4,811	68	127	138	233	182
10 to 49 acres . . . . .	16,278	177	121	138	193	259
50 to 69 acres . . . . .	3,843	17	19	15	46	71
70 to 99 acres . . . . .	6,821	23	18	38	118	211
100 to 139 acres . . . . .	6,300	33	31	65	192	363
140 to 179 acres . . . . .	7,286	17	42	77	387	1,121
180 to 219 acres . . . . .	4,621	20	30	92	346	1,229
220 to 259 acres . . . . .	4,506	26	58	132	470	1,703
260 to 499 acres . . . . .	15,592	131	316	914	5,217	5,271
500 to 999 acres . . . . .	13,063	311	774	2,978	6,919	1,316
1,000 to 1,999 acres . . . . .	6,213	387	1,228	3,321	1,074	117
2,000 acres or more . . . . .	1,321	380	656	220	45	7
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) . . . . .	42,509	248	1,451	5,277	11,088	8,753
Vegetable and melon farming (1112) . . . . .	317	2	6	7	16	26
Fruit and tree nut farming (1113) . . . . .	284	-	-	2	4	7
Greenhouse, nursery, and floriculture production (1114) . . . . .	580	17	13	23	63	58
Other crop farming (1119) . . . . .	18,891	4	10	47	178	318
Tobacco farming (11191) . . . . .	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) . . . . .	18,891	4	10	47	178	318
Beef cattle ranching and farming (12111) . . . . .	10,065	47	92	168	530	895
Cattle feedlots (12112) . . . . .	4,259	364	401	628	745	530
Dairy cattle and milk production (1212) . . . . .	2,306	55	132	381	968	451
Hog and pig farming (122) . . . . .	5,742	708	1,132	1,300	1,293	586
Poultry and egg production (123) . . . . .	442	96	36	31	24	15
Sheep and goat farming (124) . . . . .	1,098	1	3	7	13	25
Animal aquaculture and other animal production (125, 129) . . . . .	4,162	48	144	257	318	186
<b>LIVESTOCK</b>						
Cattle and calves inventory . . . . . farms	32,169	776	1,561	3,467	6,748	4,956
. . . . . number	3,535,945	702,503	481,138	639,359	776,321	386,815
Farms with-						
1 to 9 . . . . .	3,586	14	47	121	234	254
10 to 49 . . . . .	12,134	54	166	511	1,551	1,805
50 to 99 . . . . .	6,899	31	210	602	1,802	1,526
100 to 199 . . . . .	5,373	64	249	961	2,155	1,084
200 to 499 . . . . .	3,115	149	552	1,091	942	278
500 or more . . . . .	1,062	464	337	181	64	9
Cows and heifers that had calved . . . . . farms	25,676	355	937	2,476	5,479	4,152
. . . . . number	1,194,635	88,150	102,868	200,040	326,571	187,477
Beef cows . . . . . farms	23,313	288	792	2,085	4,536	3,714
. . . . . number	987,670	42,113	73,028	154,097	264,288	170,802
Farms with-						
1 to 9 . . . . .	3,855	10	55	132	321	321
10 to 49 . . . . .	13,021	77	284	841	2,133	2,096
50 to 99 . . . . .	4,235	69	215	597	1,264	945
100 to 199 . . . . .	1,771	80	147	382	704	323
200 to 499 . . . . .	397	39	81	123	113	29
500 or more . . . . .	34	13	10	10	1	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation . . . . . farms	265	257	162	140	155	95
acres	63,215	47,096	19,683	19,340	(D)	16,566
Family held . . . . . farms	238	227	127	105	96	80
acres	51,759	41,541	16,104	16,046	4,647	15,312
More than 10 stockholders . . . . . farms	12	11	3	7	3	1
10 or less stockholders . . . . . farms	226	216	124	98	93	79
Other than family held . . . . . farms	27	30	35	35	59	15
acres	11,456	5,555	3,579	3,294	(D)	1,254
More than 10 stockholders . . . . . farms	-	6	3	4	11	4
10 or less stockholders . . . . . farms	27	24	32	31	48	11
Other-cooperative, estate or trust, institutional, etc . . . . . farms	94	151	138	107	162	60
acres	24,065	28,215	13,104	8,448	(D)	3,865
<b>HIRED FARM LABOR</b>						
Hired farm labor . . . . . farms	2,469	1,998	1,200	703	750	617
workers	5,857	4,542	3,040	1,805	1,790	1,592
Workers by days worked:						
150 days or more . . . . . farms	291	156	57	34	103	59
workers	459	207	129	69	164	78
Less than 150 days . . . . . farms	2,300	1,908	1,165	678	719	614
workers	5,398	4,335	2,911	1,736	1,626	1,514
Migrant farm labor on farms with hired labor (see text) . . . . . farms	-	-	-	11	-	-
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	20	-	-	-	-	-
<b>FARMS BY SIZE</b>						
1 to 9 acres . . . . .	171	304	359	527	1,650	1,052
10 to 49 acres . . . . .	371	1,330	2,193	3,566	5,281	2,649
50 to 69 acres . . . . .	164	918	932	831	484	346
70 to 99 acres . . . . .	847	2,137	1,650	948	494	337
100 to 139 acres . . . . .	1,574	1,938	1,102	477	282	243
140 to 179 acres . . . . .	2,586	1,787	686	240	166	177
180 to 219 acres . . . . .	1,221	1,055	327	103	86	112
220 to 259 acres . . . . .	1,024	729	160	66	51	87
260 to 499 acres . . . . .	1,975	1,200	225	117	73	153
500 to 999 acres . . . . .	455	144	54	20	24	68
1,000 to 1,999 acres . . . . .	26	22	4	9	3	22
2,000 acres or more . . . . .	3	4	-	2	-	4
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) . . . . .	6,829	4,901	1,583	916	781	682
Vegetable and melon farming (1112) . . . . .	44	64	56	54	28	14
Fruit and tree nut farming (1113) . . . . .	35	59	53	35	28	61
Greenhouse, nursery, and floriculture production (1114) . . . . .	69	115	65	55	47	55
Other crop farming (1119) . . . . .	702	2,722	3,460	3,894	5,816	1,740
Tobacco farming (11191) . . . . .	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) . . . . .	702	2,722	3,460	3,894	5,816	1,740
Beef cattle ranching and farming (11211) . . . . .	1,552	2,557	1,545	1,007	735	937
Cattle feedlots (11212) . . . . .	495	446	260	195	162	33
Dairy cattle and milk production (11212) . . . . .	198	82	11	3	3	22
Hog and pig farming (1122) . . . . .	276	170	88	58	80	51
Poultry and egg production (1123) . . . . .	17	21	17	26	51	108
Sheep and goat farming (1124) . . . . .	45	104	175	209	289	227
Animal aquaculture and other animal production (1125, 1129) . . . . .	155	327	379	454	574	1,320
<b>LIVESTOCK</b>						
Cattle and calves inventory . . . . . farms	4,237	4,386	2,193	1,427	1,135	1,283
number	252,771	177,542	56,135	23,380	13,431	26,550
Farms with-						
1 to 9 . . . . .	284	398	404	507	725	598
10 to 49 . . . . .	1,886	2,743	1,585	880	365	588
50 to 99 . . . . .	1,358	1,050	184	34	38	64
100 to 199 . . . . .	633	183	12	4	6	22
200 to 499 . . . . .	74	10	7	2	1	9
500 or more . . . . .	2	2	1	-	-	2
Cows and heifers that had calved . . . . . farms	3,679	3,799	1,843	1,139	867	950
number	130,927	95,908	30,477	12,663	6,916	12,638
Beef cows . . . . . farms	3,472	3,721	1,824	1,129	845	907
number	125,971	94,973	30,359	12,621	6,870	12,548
Farms with-						
1 to 9 . . . . .	341	476	487	599	637	476
10 to 49 . . . . .	2,212	2,934	1,308	523	200	413
50 to 99 . . . . .	802	298	22	6	8	9
100 to 199 . . . . .	111	13	4	1	-	6
200 to 499 . . . . .	6	-	3	-	-	3
500 or more . . . . .	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con. Cows and heifers that had calved - Con.						
Milk cows . . . . . farms number	3,034 206,965	79 46,037	172 29,840	492 45,943	1,142 62,283	557 16,675
Farms with-						
1 to 4 . . . . .	333	-	1	9	28	32
5 to 9 . . . . .	128	-	1	4	12	27
10 to 49 . . . . .	1,136	5	6	53	401	431
50 to 99 . . . . .	966	5	27	217	648	64
100 to 199 . . . . .	331	9	71	197	51	3
200 to 499 . . . . .	112	33	66	11	2	-
500 or more . . . . .	28	27	-	1	-	-
Other cattle (see text) . . . . . farms number	29,013 2,341,310	729 614,353	1,474 378,270	3,263 439,319	6,295 449,750	4,517 199,338
Cattle and calves sold . . . . . farms number	29,515 2,929,704	766 1,068,305	1,503 470,952	3,421 474,047	6,549 451,496	4,683 208,263
Calves weighing less than 500 pounds . . . . . farms number	\$1,000 2,119,935 9,504 259,122	871,103 105 31,391	360,840 266 19,500	343,049 748 35,569	291,699 1,874 61,624	121,482 1,441 37,620
Cattle, including calves weighing 500 pounds or more . . . . . farms number	26,277 2,670,582	742 1,036,914	1,445 451,452	3,214 438,478	6,010 389,872	4,277 170,643
Cattle on feed (see text) . . . . . farms number	10,386 1,806,291	573 902,713	964 334,438	1,873 291,685	2,731 186,225	1,605 55,541
Hogs and pigs inventory . . . . . farms number	10,205 15,486,531	965 7,037,337	1,733 3,847,490	2,488 2,587,285	2,621 1,483,945	1,061 311,728
Farms with-						
1 to 24 . . . . .	821	3	13	38	93	95
25 to 49 . . . . .	297	1	4	21	54	50
50 to 99 . . . . .	432	3	7	38	106	91
100 to 199 . . . . .	733	2	21	81	221	217
200 to 499 . . . . .	1,999	18	111	371	895	439
500 or more . . . . .	5,923	938	1,577	1,939	1,252	169
Used or to be used for breeding . . . . . farms number	4,386 1,145,323	286 549,128	496 212,242	950 193,383	1,287 124,773	609 31,976
Other hogs and pigs . . . . . farms number	9,863 14,341,208	949 6,488,209	1,700 3,635,248	2,440 2,393,902	2,557 1,359,172	1,010 279,752
Hogs and pigs sold . . . . . farms number \$1,000	11,275 41,232,492 3,078,455	998 20,535,798 1,531,648	1,834 10,174,656 769,022	2,759 6,518,657 484,543	3,002 3,166,909 234,384	1,253 624,991 44,551
Sheep and lambs of all ages inventory (see text) . . . . . farms number	3,751 249,908	34 14,678	82 16,775	232 30,295	532 45,382	481 37,047
Ewes 1 year old or older . . . . . farms number	3,531 130,808	33 6,248	77 6,385	218 11,521	508 24,086	459 20,304
Sheep and lambs sold . . . . . farms number	2,903 257,130	28 19,984	68 29,024	199 44,211	432 52,363	373 33,680
Horses and ponies inventory . . . . . farms number	11,482 77,123	129 533	245 1,636	589 3,066	1,339 7,803	1,083 7,440
Horses and ponies sold . . . . . farms number	2,775 10,601	16 41	44 250	82 253	202 938	236 1,418
Goats, All inventory . . . . . farms number	1,167 18,898	3 (D)	8 (D)	37 (D)	114 2,884	88 2,169
Goats sold . . . . . farms number	497 11,093	2 (D)	1 (D)	12 (D)	53 1,227	30 1,004
<b>POULTRY</b>						
Layers 20 weeks old and older inventory . . . . . farms number	1,934 38,650,210	57 37,506,732	30 622,895	85 312,328	207 105,093	203 48,158
Farms with-						
1 to 399 . . . . .	1,812	5	17	68	193	191
400 to 3,199 . . . . .	26	-	-	1	4	7
3,200 to 9,999 . . . . .	21	-	2	7	8	4
10,000 to 19,999 . . . . .	9	1	2	4	1	1
20,000 to 49,999 . . . . .	10	2	3	4	1	-
50,000 to 99,999 . . . . .	11	4	6	1	-	-
100,000 or more . . . . .	46	45	1	-	-	-
Pullets for laying flock replacement inventory . . . . . farms number	472 7,403,989	20 6,718,224	7 414,288	16 117,789	43 119,038	51 22,372
Layers and pullets sold (see text) . . . . . farms number	462 30,174,804	58 26,780,679	22 2,427,656	25 435,220	49 381,948	46 114,664
Broilers and other meat-type chickens sold . . . . . farms number	629 9,558,127	14 4,547,700	15 2,907,455	44 915,852	74 539,074	73 341,601
Farms with-						
1 to 1,999 . . . . .	557	5	8	37	59	62
2,000 to 59,999 . . . . .	51	1	-	3	13	11
60,000 to 99,999 . . . . .	2	-	-	-	2	-
100,000 or more . . . . .	19	8	7	4	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows . . . . . farms	300	127	43	29	34	59
number	4,956	935	118	42	46	90
Farms with-						
1 to 4 . . . . .	56	46	39	29	34	59
5 to 9 . . . . .	38	46	-	-	-	-
10 to 49 . . . . .	201	35	4	-	-	-
50 to 99 . . . . .	5	-	-	-	-	-
100 to 199 . . . . .	-	-	-	-	-	-
200 to 499 . . . . .	-	-	-	-	-	-
500 or more . . . . .	-	-	-	-	-	-
Other cattle (see text) . . . . . farms	3,841	3,893	1,889	1,191	898	1,023
number	121,844	81,634	25,658	10,717	6,515	13,912
Cattle and calves sold . . . . . farms	3,993	4,161	2,051	1,277	931	180
number	130,889	88,133	24,677	9,315	3,323	304
\$1,000	70,617	44,090	11,525	3,971	1,444	115
Calves weighing less than 500 pounds . . . . . farms	1,394	1,763	896	577	364	76
number	31,253	27,004	9,439	4,172	1,389	161
Cattle, including calves weighing						
500 pounds or more . . . . . farms	3,560	3,543	1,662	1,001	712	111
number	99,636	61,129	15,238	5,143	1,934	143
Cattle on feed (see text) . . . . . farms	1,038	780	378	233	178	33
number	22,568	9,409	2,299	946	423	44
Hogs and pigs inventory . . . . . farms	512	355	162	101	110	97
number	79,255	33,471	7,459	2,015	3,125	93,421
Farms with-						
1 to 24 . . . . .	118	130	99	70	91	71
25 to 49 . . . . .	54	57	25	19	7	5
50 to 99 . . . . .	80	64	17	12	8	6
100 to 199 . . . . .	111	65	12	-	2	1
200 to 499 . . . . .	122	33	7	-	-	3
500 or more . . . . .	27	6	2	-	2	11
Used or to be used for breeding . . . . . farms	306	216	101	47	41	47
number	10,074	5,170	1,579	229	589	16,180
Other hogs and pigs . . . . . farms	469	323	138	92	96	89
number	69,181	28,301	5,880	1,786	2,536	77,241
Hogs and pigs sold . . . . . farms	608	374	188	110	115	34
number	152,300	46,245	8,642	2,650	1,513	131
\$1,000	10,388	2,959	620	208	122	10
Sheep and lambs of all ages inventory (see text) . . . . . farms	434	521	400	335	378	322
number	31,044	26,722	20,285	12,802	9,219	5,659
Ewes 1 year old or older . . . . . farms	409	489	382	319	344	293
number	16,484	15,925	12,279	8,173	5,694	3,709
Sheep and lambs sold . . . . . farms	340	393	334	283	340	113
number	27,003	19,180	15,167	8,944	6,467	1,107
Horses and ponies inventory . . . . . farms	1,059	1,504	1,185	1,057	1,179	2,113
number	7,903	11,017	8,343	7,591	7,176	14,615
Horses and ponies sold . . . . . farms	274	406	434	453	472	156
number	1,473	2,104	1,605	1,268	1,020	231
Goats, All inventory . . . . . farms	120	185	156	129	165	162
number	1,747	3,017	2,033	1,678	2,439	1,593
Goats sold . . . . . farms	51	82	76	72	80	38
number	2,864	1,770	979	1,022	1,116	(D)
<b>POULTRY</b>						
Layers 20 weeks old and older inventory . . . . . farms	200	262	201	167	283	239
number	18,817	11,741	7,142	4,491	6,436	6,377
Farms with-						
1 to 399 . . . . .	192	259	198	167	283	239
400 to 3,199 . . . . .	8	3	3	-	-	-
3,200 to 9,999 . . . . .	-	-	-	-	-	-
10,000 to 19,999 . . . . .	-	-	-	-	-	-
20,000 to 49,999 . . . . .	-	-	-	-	-	-
50,000 to 99,999 . . . . .	-	-	-	-	-	-
100,000 or more . . . . .	-	-	-	-	-	-
Pullets for laying flock replacement inventory . . . . . farms	66	60	53	38	66	52
number	3,020	4,000	839	1,413	1,384	1,622
Layers and pullets sold (see text) . . . . . farms	37	58	51	43	42	31
number	11,630	13,302	4,999	2,371	1,489	846
Broilers and other meat-type chickens sold . . . . . farms	62	81	66	67	75	58
number	180,144	74,662	20,245	15,743	8,138	7,513
Farms with-						
1 to 1,999 . . . . .	49	74	65	65	75	58
2,000 to 59,999 . . . . .	13	7	1	2	-	-
60,000 to 99,999 . . . . .	-	-	-	-	-	-
100,000 or more . . . . .	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>POULTRY - Con.</b>						
Turkeys inventory	farms 355	31	17	27	20	26
	number 3,681,862	2,947,274	489,662	214,924	26,316	1,560
Turkeys sold	farms 200	35	18	28	17	17
	number 9,145,415	7,451,809	990,597	590,191	91,688	18,368
<b>CROPS HARVESTED</b>						
Corn for grain	farms 52,806	1,244	3,074	7,720	14,363	10,586
	acres 11,761,392	1,011,078	1,928,041	3,353,127	3,404,822	1,275,778
	bushels 1,851,276,224	169,332,724	319,355,286	538,700,480	523,119,509	189,870,350
Irrigated	farms 416	32	66	112	118	50
	acres 86,261	17,085	18,302	25,967	17,582	5,231
Farms by acres harvested:						
1 to 24 acres	4,881	11	22	38	165	285
25 to 99 acres	15,510	60	105	329	1,383	3,599
100 to 249 acres	16,414	173	409	1,258	6,877	6,315
250 to 499 acres	10,115	266	790	3,171	5,472	376
500 acres or more	5,886	734	1,748	2,924	466	11
Corn for silage or greenchop	farms 6,909	378	715	1,390	2,311	1,069
	acres 247,269	42,148	43,357	54,235	64,559	25,249
	tons 4,726,816	795,052	832,182	1,014,228	1,295,643	482,408
Irrigated	farms 13	2	1	3	3	3
	acres 514	(D)	(D)	(D)	19	110
Farms by acres harvested:						
1 to 24 acres	4,025	55	187	629	1,488	810
25 to 99 acres	2,387	174	401	664	749	221
100 to 249 acres	393	110	110	79	52	32
250 to 499 acres	92	30	14	18	22	6
500 acres or more	12	9	3	-	-	-
Sorghum for grain	farms 38	3	6	5	7	6
	acres 2,355	(D)	389	649	454	(D)
	bushels 142,814	(D)	21,450	9,859	37,900	8,229
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	21	1	2	2	4	3
25 to 99 acres	12	1	3	1	2	3
100 to 249 acres	1	-	1	-	-	-
250 to 499 acres	4	1	-	2	1	-
500 acres or more	-	-	-	-	-	-
Wheat for grain, All	farms 412	13	26	84	96	67
	acres 18,317	1,473	2,310	3,761	5,132	2,659
	bushels 961,995	84,811	132,739	219,799	258,643	128,883
Irrigated	farms 1	-	-	-	1	-
	acres (D)	-	-	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	212	4	9	42	41	34
25 to 99 acres	157	5	7	33	46	26
100 to 249 acres	35	3	8	9	4	7
250 to 499 acres	6	1	1	-	5	-
500 acres or more	2	1	1	-	-	-
Barley for grain	farms 152	2	8	21	47	27
	acres 4,166	(D)	501	618	954	651
	bushels 241,818	(D)	33,018	48,046	59,673	37,966
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	98	-	-	11	36	21
25 to 99 acres	49	1	7	9	11	5
100 to 249 acres	3	-	1	1	-	-
250 to 499 acres	2	1	-	-	-	1
500 acres or more	-	-	-	-	-	-
Oats for grain	farms 6,963	115	355	963	2,055	1,440
	acres 143,513	3,879	9,796	24,256	46,633	28,780
	bushels 10,761,952	317,826	796,216	1,951,527	3,588,826	2,083,328
Irrigated	farms 1	-	-	-	1	-
	acres (D)	-	-	-	(D)	-
Farms by acres harvested:						
1 to 24 acres	5,144	67	210	616	1,422	1,077
25 to 99 acres	1,732	40	132	327	606	349
100 to 249 acres	84	7	13	19	26	14
250 to 499 acres	2	1	-	-	1	-
500 acres or more	1	-	-	1	-	-
Flaxseed	farms 2	-	-	-	-	1
	acres (D)	-	-	-	-	(D)
	bushels (D)	-	-	-	-	(D)
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Sunflower seed, All	farms 6	1	-	-	1	-
	acres (D)	(D)	-	-	(D)	-
	pounds (D)	(D)	-	-	(D)	-
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	4	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-
100 to 249 acres	1	-	-	-	1	-
250 to 499 acres	1	1	-	-	-	-
500 acres or more	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>POULTRY - Con.</b>						
Turkeys inventory . . . . . farms	27	53	41	24	48	41
number	321	631	273	335	375	191
Turkeys sold . . . . . farms	11	24	16	13	13	8
number	1,344	629	356	251	128	54
<b>CROPS HARVESTED</b>						
Corn for grain . . . . . farms	7,959	5,180	1,404	678	474	124
acres	548,460	198,620	28,805	8,497	3,380	784
bushels	78,496,559	27,284,728	3,672,810	1,003,271	382,307	58,200
Irrigated . . . . . farms	32	4	2	-	-	-
acres	1,920	(D)	(D)	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	656	1,482	1,008	623	469	122
25 to 99 acres . . . . .	6,001	3,578	393	55	5	2
100 to 249 acres . . . . .	1,264	116	2	-	-	-
250 to 499 acres . . . . .	35	4	1	-	-	-
500 acres or more . . . . .	3	-	-	-	-	-
Corn for silage or greenchop . . . . . farms	607	315	73	15	20	16
acres	11,028	4,962	820	188	159	564
tons	199,155	70,338	10,290	1,707	(D)	(D)
Irrigated . . . . . farms	1	-	-	-	-	-
acres	(D)	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	483	262	67	12	20	12
25 to 99 acres . . . . .	115	51	6	3	-	3
100 to 249 acres . . . . .	8	2	-	-	-	-
250 to 499 acres . . . . .	1	-	-	-	-	1
500 acres or more . . . . .	-	-	-	-	-	-
Sorghum for grain . . . . . farms	5	3	-	1	2	-
acres	203	17	-	(D)	(D)	-
bushels	(D)	(D)	-	(D)	(D)	-
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	3	3	-	1	2	-
25 to 99 acres . . . . .	2	-	-	-	-	-
100 to 249 acres . . . . .	-	-	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-
Wheat for grain, All . . . . . farms	53	42	15	8	7	1
acres	1,305	1,274	261	67	(D)	(D)
bushels	60,100	59,854	11,255	2,717	(D)	(D)
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	32	23	11	8	7	1
25 to 99 acres . . . . .	20	16	4	-	-	-
100 to 249 acres . . . . .	1	3	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-
Barley for grain . . . . . farms	22	20	3	1	1	-
acres	501	426	(D)	(D)	(D)	-
bushels	25,162	16,156	(D)	(D)	(D)	-
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	14	12	2	1	1	-
25 to 99 acres . . . . .	8	7	1	-	-	-
100 to 249 acres . . . . .	-	1	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-
Oats for grain . . . . . farms	985	651	198	95	69	37
acres	16,630	9,665	2,087	941	566	280
bushels	1,151,335	651,953	116,160	56,169	32,968	15,644
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	816	556	187	88	69	36
25 to 99 acres . . . . .	165	94	11	7	-	1
100 to 249 acres . . . . .	4	1	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-
Flaxseed . . . . . farms	-	-	-	1	-	-
acres	-	-	-	(D)	-	-
bushels	-	-	-	(D)	-	-
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Sunflower seed, All . . . . . farms	1	-	-	1	1	1
acres	(D)	-	-	(D)	(D)	(D)
pounds	(D)	-	-	(D)	(D)	(D)
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	1	-	-	1	1	1
25 to 99 acres . . . . .	-	-	-	-	-	-
100 to 249 acres . . . . .	-	-	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>CROPS HARVESTED - Con.</b>						
Tobacco	farms 3	-	-	1	2	-
	acres 8	-	-	(D)	(D)	-
	pounds 17,678	-	-	(D)	(D)	-
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
0.1 to 0.9 acres	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-
2.0 to 2.9 acres	2	-	-	1	1	-
3.0 to 4.9 acres	1	-	-	-	1	-
5.0 to 9.9 acres	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-
25.0 acres or more	-	-	-	-	-	-
Soybeans for beans	farms 48,752	1,184	2,999	7,448	13,555	9,833
	acres 10,418,621	822,679	1,687,219	3,012,631	3,042,631	1,135,354
	bushels 487,380,897	40,557,772	81,670,817	143,499,496	140,221,775	50,970,252
Irrigated	farms 283	15	50	77	78	32
	acres 46,977	7,561	11,057	13,635	10,165	3,469
Farms by acres harvested:						
1 to 24 acres	3,907	13	31	61	218	346
25 to 99 acres	15,373	79	192	478	1,665	3,770
100 to 249 acres	15,183	214	488	1,338	6,539	5,334
250 to 499 acres	9,371	307	782	3,141	4,735	371
500 acres or more	4,918	571	1,506	2,430	398	12
Dry edible beans, excluding limas	farms 56	2	3	9	8	7
	acres 2,270	(D)	426	364	513	303
	cwt 71,739	(D)	14,967	12,308	14,650	11,716
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	28	-	-	5	2	4
25 to 99 acres	22	2	2	3	3	2
100 to 249 acres	5	-	-	1	3	1
250 to 499 acres	1	-	1	-	-	-
500 acres or more	-	-	-	-	-	-
Potatoes	farms 117	2	3	3	20	16
	acres 1,005	(D)	331	(D)	268	30
	cwt 231,352	(D)	63,100	(D)	75,650	8,892
Irrigated	farms 13	-	1	-	2	4
	acres 91	-	(D)	-	(D)	5
Farms by acres harvested:						
0.1 to 4.9 acres	104	1	-	2	16	13
5.0 to 24.9 acres	6	-	-	1	1	3
25.0 to 99.9 acres	3	-	2	-	1	-
100.0 to 249.9 acres	3	-	1	-	2	-
250.0 acres or more	1	1	-	-	-	-
Sweet potatoes	farms 18	-	-	1	2	2
	acres 8	-	-	(D)	(D)	(D)
	cwt 639	-	-	(D)	(D)	(D)
Irrigated	farms 3	-	-	-	-	2
	acres (D)	-	-	-	-	(D)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	farms 33,406	547	1,343	3,292	6,959	5,103
	acres 1,533,027	56,043	110,879	232,874	402,701	255,331
	tons, dry 5,177,896	238,237	444,981	902,378	1,510,804	848,649
Irrigated	farms 28	2	3	6	6	4
	acres 1,424	(D)	275	154	441	325
Farms by acres harvested:						
1 to 24 acres	15,567	107	382	1,028	2,391	2,012
25 to 99 acres	13,845	242	575	1,483	3,369	2,386
100 to 249 acres	3,500	144	309	653	1,070	637
250 to 499 acres	428	38	68	103	118	64
500 acres or more	66	16	9	25	11	4
Alfalfa hay	farms 29,114	468	1,198	2,988	6,369	4,664
	acres 1,168,668	37,511	87,584	180,693	318,220	200,803
	tons, dry 4,183,945	168,893	358,706	726,569	1,237,224	711,791
Irrigated	farms 22	1	3	4	5	4
	acres 1,214	(D)	275	52	412	325
Other tame hay	farms 5,579	78	172	380	899	760
	acres 217,296	6,959	8,799	22,078	42,126	36,452
	tons, dry 426,591	15,276	22,709	44,894	93,612	71,075
Irrigated	farms 4	-	-	-	1	-
	acres (D)	-	-	-	(D)	-
Land used for vegetables (see text)	farms 752	16	34	62	98	92
	acres 9,268	718	1,175	2,410	2,511	1,182
Irrigated	farms 117	1	3	9	12	14
	acres 1,197	(D)	(D)	408	(D)	210
Farms by acres harvested:						
0.1 to 4.9 acres	511	8	16	28	45	44
5.0 to 24.9 acres	163	4	8	15	25	33
25.0 to 99.9 acres	57	1	5	13	21	15
100.0 to 249.9 acres	15	2	5	3	5	-
250.0 acres or more	6	1	-	3	2	-
Snap beans harvested for sale	farms 176	1	2	9	17	28
	acres 511	(D)	(D)	(D)	19	96
Harvested for processing	farms 15	-	-	1	2	4
	acres 262	-	-	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>CROPS HARVESTED - Con.</b>						
Tobacco . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
pounds	-	-	-	-	-	-
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
0.1 to 0.9 acres . . . . .	-	-	-	-	-	-
1.0 to 1.9 acres . . . . .	-	-	-	-	-	-
2.0 to 2.9 acres . . . . .	-	-	-	-	-	-
3.0 to 4.9 acres . . . . .	-	-	-	-	-	-
5.0 to 9.9 acres . . . . .	-	-	-	-	-	-
10.0 to 24.9 acres . . . . .	-	-	-	-	-	-
25.0 acres or more . . . . .	-	-	-	-	-	-
Soybeans for beans . . . . . farms	7,211	4,402	1,127	515	424	54
acres	491,578	184,425	29,377	8,471	3,792	479
bushels	21,335,959	7,567,940	1,106,644	300,293	140,703	9,246
Irrigated . . . . . farms	26	3	1	-	1	-
acres	912	(D)	(D)	-	(D)	-
Farms by acres harvested:						
1 to 24 acres . . . . .	566	1,156	627	429	410	50
25 to 99 acres . . . . .	5,516	3,075	494	86	14	4
100 to 249 acres . . . . .	1,098	167	5	-	-	-
250 to 499 acres . . . . .	30	4	1	-	-	-
500 acres or more . . . . .	1	-	-	-	-	-
Dry edible beans, excluding limas . . . . . farms	16	8	-	2	-	1
acres	465	106	-	(D)	-	(D)
cwt	13,673	(D)	-	(D)	-	(D)
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	7	7	-	2	-	1
25 to 99 acres . . . . .	9	1	-	-	-	-
100 to 249 acres . . . . .	-	-	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-
Potatoes . . . . . farms	37	16	9	6	2	3
acres	(D)	10	2	2	(D)	1
cwt	(D)	2,714	1,576	760	(D)	(D)
Irrigated . . . . . farms	2	2	2	-	-	-
acres	(D)	(D)	(D)	-	-	-
Farms by acres harvested:						
0.1 to 4.9 acres . . . . .	36	16	9	6	2	3
5.0 to 24.9 acres . . . . .	1	-	-	-	-	-
25.0 to 99.9 acres . . . . .	-	-	-	-	-	-
100.0 to 249.9 acres . . . . .	-	-	-	-	-	-
250.0 acres or more . . . . .	-	-	-	-	-	-
Sweet potatoes . . . . . farms	4	3	3	1	2	-
acres	2	(Z)	(Z)	(D)	(D)	-
cwt	(D)	(D)	37	(D)	(D)	-
Irrigated . . . . . farms	1	-	-	-	-	-
acres	(D)	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) . . . . . farms	4,424	4,555	2,394	1,624	1,531	1,634
acres	190,829	154,356	57,627	29,169	21,602	21,616
tons, dry	566,399	400,880	129,721	61,298	39,294	35,255
Irrigated . . . . . farms	2	3	-	1	-	1
acres	(D)	(D)	-	(D)	-	(D)
Farms by acres harvested:						
1 to 24 acres . . . . .	1,840	2,256	1,575	1,252	1,309	1,415
25 to 99 acres . . . . .	2,141	2,081	771	363	215	219
100 to 249 acres . . . . .	417	209	46	9	6	-
250 to 499 acres . . . . .	26	8	2	-	1	-
500 acres or more . . . . .	-	1	-	-	-	-
Alfalfa hay . . . . . farms	3,975	3,927	1,936	1,254	1,150	1,185
acres	144,698	113,909	38,566	19,088	13,423	14,173
tons, dry	465,956	321,939	94,996	45,179	27,367	25,225
Irrigated . . . . . farms	2	1	-	1	-	1
acres	(D)	(D)	-	(D)	-	(D)
Other tame hay . . . . . farms	766	865	560	396	329	374
acres	33,395	32,206	15,620	8,370	5,965	5,326
tons, dry	67,104	56,644	25,885	13,028	8,804	7,560
Irrigated . . . . . farms	1	2	-	-	-	-
acres	(D)	(D)	-	-	-	-
Land used for vegetables (see text) . . . . . farms	116	114	92	69	34	25
acres	607	378	170	83	22	15
Irrigated . . . . . farms	31	21	17	8	-	1
acres	162	80	11	5	-	(D)
Farms by acres harvested:						
0.1 to 4.9 acres . . . . .	71	89	83	68	34	25
5.0 to 24.9 acres . . . . .	43	25	9	1	-	-
25.0 to 99.9 acres . . . . .	2	-	-	-	-	-
100.0 to 249.9 acres . . . . .	-	-	-	-	-	-
250.0 acres or more . . . . .	-	-	-	-	-	-
Snap beans harvested for sale . . . . . farms	40	39	22	15	2	1
acres	23	41	5	2	(D)	(D)
Harvested for processing . . . . . farms	2	2	2	-	2	-
acres	(D)	(D)	(D)	-	(D)	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) - Con.						
Peas, green, harvested for sale	farms 46	2	4	7	10	6
	acres 1,140	(D)	198	410	386	(D)
Harvested for processing	farms 6	-	-	2	3	1
	acres 493	-	-	(D)	(D)	(D)
Sweet corn harvested for sale	farms 462	11	23	49	70	70
	acres 4,876	92	728	1,416	1,485	660
Harvested for processing	farms 58	-	-	10	13	6
	acres 1,891	-	-	822	927	(D)
Tomatoes harvested for sale	farms 288	-	2	7	34	41
	acres 205	-	(D)	8	53	45
Harvested for processing	farms 25	-	-	1	2	1
	acres 17	-	-	(D)	(D)	(D)
Field and grass seed crops, All	farms 87	1	-	4	12	6
	acres 2,757	(D)	-	359	911	146
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
All land in orchards	farms 493	1	6	10	26	35
	acres 3,141	(D)	(D)	368	373	181
Irrigated	farms 26	-	-	-	1	7
	acres (D)	-	-	-	(D)	9
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	352	1	4	7	17	24
5.0 to 24.9 acres	117	-	2	-	2	9
25.0 to 99.9 acres	21	-	-	2	6	2
100.0 to 249.9 acres	2	-	-	-	1	-
250.0 acres or more	1	-	-	1	-	-
Apples	farms 344	1	6	7	18	29
	Bearing and nonbearing acres 2,025	(D)	30	364	306	159
Grapes	farms 133	-	1	3	6	8
	Bearing and nonbearing acres 154	-	(D)	(D)	7	(D)
Peaches, All	farms 61	-	-	1	3	6
	Bearing and nonbearing acres 23	-	-	(D)	(D)	3
Pecans	farms 15	-	-	1	-	-
	Bearing and nonbearing acres 15	-	-	(D)	-	-
Walnuts, English	farms 26	-	-	-	-	-
	Bearing and nonbearing acres 122	-	-	-	-	-
Land in berries harvested for sale (see text)	farms 168	1	2	11	10	29
	acres 228	(D)	(D)	25	34	46
Irrigated	farms 53	-	-	3	3	12
	acres 116	-	-	(D)	12	33

See footnote(s) at end of table.

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Table 57. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) - Con.						
Peas, green, harvested for sale . . . . . farms	6	5	2	4	-	-
acres	3	1	(D)	1	-	-
Harvested for processing . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Sweet corn harvested for sale . . . . . farms	76	63	43	31	12	14
acres	252	134	64	30	8	7
Harvested for processing . . . . . farms	9	6	5	3	2	4
acres	39	15	21	(D)	(D)	3
Tomatoes harvested for sale . . . . . farms	59	63	45	25	8	4
acres	50	30	10	5	(D)	1
Harvested for processing . . . . . farms	6	6	2	3	2	2
acres	6	5	(D)	2	(D)	(D)
Field and grass seed crops, All . . . . . farms	15	10	10	9	10	10
acres	272	159	140	304	85	(D)
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
All land in orchards . . . . . farms	58	96	76	55	47	83
acres	452	693	209	194	172	466
Irrigated . . . . . farms	2	2	8	2	1	3
acres	(D)	(D)	9	(D)	(D)	2
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres . . . . .	28	55	64	47	43	62
5.0 to 24.9 acres . . . . .	28	38	12	7	3	16
25.0 to 99.9 acres . . . . .	2	2	-	1	1	5
100.0 to 249.9 acres . . . . .	-	1	-	-	-	-
250.0 acres or more . . . . .	-	-	-	-	-	-
Apples . . . . . farms	46	69	55	29	31	53
Bearing and nonbearing acres	325	295	104	119	(D)	293
Grapes . . . . . farms	14	26	25	21	10	19
Bearing and nonbearing acres	9	43	22	27	6	33
Peaches, All . . . . . farms	6	8	14	10	5	8
Bearing and nonbearing acres	3	4	3	3	1	1
Pecans . . . . . farms	-	1	4	4	3	2
Bearing and nonbearing acres	-	(D)	1	(D)	(Z)	(D)
Walnuts, English . . . . . farms	2	5	6	6	5	2
Bearing and nonbearing acres	(D)	33	21	19	(D)	(D)
Land in berries harvested for sale (see text)						
. . . . . farms	36	32	18	11	13	5
acres	68	25	(D)	8	7	1
Irrigated . . . . . farms	12	8	9	2	4	-
acres	32	11	3	(D)	3	-

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 58. Summary by Type of Organization: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>FARMS AND LAND IN FARMS</b>				
Farms ..... number	90,655	78,699	5,792	2,592
..... percent	100.0	86.8	6.4	2.9
Land in farms ..... acres	31,729,490	24,657,577	3,011,172	1,502,606
Average size of farm ..... acres	350	313	520	580
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>				
Total (see text) ..... farms	90,655	78,699	5,792	2,592
..... \$1,000	12,812,531	8,528,792	1,691,589	1,078,529
Average per farm ..... dollars	141,333	108,372	292,056	416,099
Farms by economic class:				
Less than \$1,000 (see text) .....	5,250	4,934	161	67
\$1,000 to \$2,499 .....	8,594	7,855	422	219
\$2,500 to \$4,999 .....	6,906	6,302	357	165
\$5,000 to \$9,999 .....	7,692	7,008	384	159
\$10,000 to \$24,999 .....	11,568	10,453	707	292
\$25,000 to \$49,999 .....	10,417	9,392	666	264
\$50,000 to \$99,999 .....	11,850	10,551	775	302
\$100,000 to \$249,999 .....	15,240	13,091	931	370
\$250,000 to \$499,999 .....	8,128	6,113	643	314
\$500,000 to \$999,999 .....	3,420	2,197	435	232
\$1,000,000 or more .....	1,590	803	311	208
\$1,000,000 to \$2,499,999 .....	1,312	717	222	139
\$2,500,000 to \$4,999,999 .....	168	63	51	34
\$5,000,000 or more .....	110	23	38	35
Total sales (see text) ..... farms	90,655	78,699	5,792	2,592
..... \$1,000	12,273,634	8,112,456	1,641,526	1,053,275
Grains, oilseeds, dry beans, and dry peas <sup>1</sup> .....				
..... farms	55,294	47,069	3,820	1,647
..... \$1,000	5,858,528	4,383,559	562,692	302,590
Sales of \$50,000 or more ..... farms	29,658	24,016	2,175	1,020
..... \$1,000	5,334,562	3,918,752	526,558	287,962
Tobacco .....				
..... farms	3	1	1	-
..... \$1,000	29	(D)	(D)	-
Sales of \$50,000 or more ..... farms	-	-	-	-
..... \$1,000	-	-	-	-
Cotton and cottonseed .....				
..... farms	-	-	-	-
..... \$1,000	-	-	-	-
Sales of \$50,000 or more ..... farms	-	-	-	-
..... \$1,000	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....				
..... farms	757	657	47	19
..... \$1,000	19,491	13,888	1,371	263
Sales of \$50,000 or more ..... farms	77	58	6	2
..... \$1,000	13,401	8,523	988	(D)
Fruits, tree nuts, and berries .....				
..... farms	412	351	23	10
..... \$1,000	4,496	2,996	289	157
Sales of \$50,000 or more ..... farms	13	5	-	-
..... \$1,000	1,313	(D)	-	-
Nursery, greenhouse, floriculture, and sod (see text) .....				
..... farms	554	386	39	27
..... \$1,000	77,610	21,354	1,650	1,356
Sales of \$50,000 or more ..... farms	165	84	10	9
..... \$1,000	72,506	17,550	(D)	(D)
Cut Christmas trees and short-rotation woody crops .....				
..... farms	215	177	14	8
..... \$1,000	1,424	944	(D)	(D)
Sales of \$50,000 or more ..... farms	2	1	-	-
..... \$1,000	(D)	(D)	-	-
Other crops and hay (see text) .....				
..... farms	12,703	11,209	801	321
..... \$1,000	109,695	91,635	9,152	3,602
Sales of \$50,000 or more ..... farms	319	255	33	15
..... \$1,000	29,955	22,695	(D)	1,210
Cattle and calves .....				
..... farms	29,515	26,045	2,052	734
..... \$1,000	2,119,935	1,424,897	301,627	150,466
Sales of \$50,000 or more ..... farms	6,374	4,984	718	311
..... \$1,000	1,770,185	1,113,249	277,857	142,592
Milk and other dairy products from cows .....				
..... farms	2,913	2,441	340	103
..... \$1,000	442,431	301,637	83,646	47,082
Sales of \$50,000 or more ..... farms	1,969	1,598	255	84
..... \$1,000	419,340	281,279	81,335	46,600
Hogs and pigs .....				
..... farms	11,275	8,870	963	498
..... \$1,000	3,078,455	1,677,719	593,434	473,050
Sales of \$50,000 or more ..... farms	7,453	5,428	738	411
..... \$1,000	3,007,680	1,615,007	588,831	471,191
Sheep, goats, and their products .....				
..... farms	3,842	3,528	190	57
..... \$1,000	23,366	21,446	911	242
Sales of \$50,000 or more ..... farms	63	58	3	-
..... \$1,000	10,411	9,802	(D)	-
Horses, ponies, mules, burros, and donkeys .....				
..... farms	2,845	2,644	108	39
..... \$1,000	13,643	12,249	708	240
Sales of \$50,000 or more ..... farms	23	18	2	-
..... \$1,000	2,415	2,073	(D)	-
Poultry and eggs .....				
..... farms	1,572	1,373	80	42
..... \$1,000	511,949	153,137	84,027	73,657
Sales of \$50,000 or more ..... farms	222	118	27	22
..... \$1,000	509,004	150,423	83,924	73,616

See footnote(s) at end of table.

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Table 58. Summary by Type of Organization: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
<b>FARMS AND LAND IN FARMS</b>						
Farms . . . . . number	5,279	4,900	4,790	379	324	885
Land in farms . . . . . acres	3,862,248	3,742,023	3,660,537	120,225	75,885	198,493
Average size of farm . . . . . acres	732	764	764	317	234	224
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text) . . . . . farms	5,279	4,900	4,790	379	324	885
Average per farm . . . . . \$1,000	2,530,938	2,195,751	2,135,605	335,187	226,836	61,212
Farms by economic class:	479,435	448,113	445,847	884,398	700,111	69,166
Less than \$1,000 (see text) . . . . .	95	80	79	15	11	60
\$1,000 to \$2,499 . . . . .	155	96	93	59	48	162
\$2,500 to \$4,999 . . . . .	140	105	98	35	31	107
\$5,000 to \$9,999 . . . . .	162	127	124	35	32	138
\$10,000 to \$24,999 . . . . .	257	227	216	30	24	151
\$25,000 to \$49,999 . . . . .	265	238	226	27	27	94
\$50,000 to \$99,999 . . . . .	458	450	441	8	7	66
\$100,000 to \$249,999 . . . . .	1,163	1,132	1,111	31	29	55
\$250,000 to \$499,999 . . . . .	1,346	1,314	1,294	32	29	26
\$500,000 to \$999,999 . . . . .	773	726	716	47	44	15
\$1,000,000 or more . . . . .	465	405	392	60	42	11
\$1,000,000 to \$2,499,999 . . . . .	364	322	313	42	29	9
\$2,500,000 to \$4,999,999 . . . . .	52	46	45	6	6	2
\$5,000,000 or more . . . . .	49	37	34	12	7	-
Total sales (see text) . . . . . farms	5,279	4,900	4,790	379	324	885
Grains, oilseeds, dry beans, and dry peas <sup>1</sup> . . . . . farms	4,101	3,991	3,909	110	99	304
Sales of \$50,000 or more . . . . . farms	3,356	3,303	3,246	53	48	111
Tobacco . . . . . farms	1	1	-	-	-	-
Sales of \$50,000 or more . . . . . farms	(D)	(D)	-	-	-	-
Cotton and cottonseed . . . . . farms	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms	43	40	37	3	1	10
Sales of \$50,000 or more . . . . . farms	13	13	13	-	-	-
Fruits, tree nuts, and berries . . . . . farms	33	27	26	6	5	5
Sales of \$50,000 or more . . . . . farms	7	7	7	-	-	1
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms	116	106	103	10	10	13
Sales of \$50,000 or more . . . . . farms	53,185	41,591	41,524	11,594	11,594	1,421
Cut Christmas trees and short-rotation woody crops . . . . . farms	23	21	21	2	1	1
Sales of \$50,000 or more . . . . . farms	1	1	1	-	-	-
Other crops and hay (see text) . . . . . farms	631	612	603	19	15	62
Sales of \$50,000 or more . . . . . farms	8,402	8,402	8,402	3	1	2
Cattle and calves . . . . . farms	1,338	1,309	1,286	29	26	80
Sales of \$50,000 or more . . . . . farms	386,917	344,875	344,875	42,042	42,042	6,494
Milk and other dairy products from cows . . . . . farms	124	121	120	3	2	8
Sales of \$50,000 or more . . . . . farms	53,864	53,864	53,864	(D)	(D)	3,285
Hogs and pigs . . . . . farms	1,393	1,278	1,259	115	98	49
Sales of \$50,000 or more . . . . . farms	787,435	611,847	589,249	175,588	153,873	19,867
Sheep, goats, and their products . . . . . farms	114	110	107	4	3	10
Sales of \$50,000 or more . . . . . farms	968	962	962	6	(D)	40
Horses, ponies, mules, burros, and donkeys . . . . . farms	86	82	82	4	3	7
Sales of \$50,000 or more . . . . . farms	664	(D)	(D)	(D)	(D)	22
Poultry and eggs . . . . . farms	111	102	99	9	7	8
Sales of \$50,000 or more . . . . . farms	274,772	224,839	224,839	49,933	(D)	13
	77	69	68	8	6	-
	274,657	(D)	(D)	(D)	(D)	-

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>				
Total (see text) - Con.				
Total sales (see text) - Con.				
Aquaculture (see text) . . . . . farms	47	36	-	-
\$1,000	2,308	(D)	-	-
Sales of \$50,000 or more . . . . . farms	10	3	-	-
\$1,000	2,131	(D)	-	-
Other animals and other animal products (see text) . . . . . farms	563	511	22	6
\$1,000	10,276	(D)	1,883	(D)
Sales of \$50,000 or more . . . . . farms	36	28	4	1
\$1,000	7,787	4,240	(D)	(D)
Government payments . . . . . farms	63,074	53,990	4,246	1,914
\$1,000	538,896	416,336	50,063	25,254
Value of -				
Certified organically produced commodities (see text) . . . . . farms	402	362	23	11
\$1,000	13,333	10,499	1,514	1,174
Landlord's share of total sales (see text) . . . . . farms	10,707	9,026	680	245
\$1,000	519,739	399,480	48,599	25,090
Agricultural products sold directly to individuals for human consumption (see text) . . . . . farms	2,455	2,187	144	52
\$1,000	11,651	9,731	832	482
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>				
Total farm production expenses . . . . . farms	90,648	78,545	5,952	2,706
\$1,000	10,303,448	6,790,977	1,376,475	880,551
Average per farm . . . . . dollars	113,664	86,464	231,263	325,407
Fertilizer, lime, and soil conditioners purchased . . . . . farms	61,514	52,302	4,468	2,030
\$1,000	665,890	506,356	61,199	32,034
Farms with expenses of-				
\$1 to \$4,999 . . . . .	28,624	25,408	2,127	908
\$5,000 to \$24,999 . . . . .	25,550	21,686	1,657	745
\$25,000 to \$49,999 . . . . .	5,538	4,097	414	232
\$50,000 or more . . . . .	1,802	1,111	270	145
Chemicals purchased . . . . . farms	54,776	46,787	3,857	1,788
\$1,000	464,509	351,491	41,819	20,794
Farms with expenses of-				
\$1 to \$4,999 . . . . .	29,778	26,511	2,184	966
\$5,000 to \$24,999 . . . . .	20,455	17,246	1,180	587
\$25,000 to \$49,999 . . . . .	3,719	2,578	332	153
\$50,000 or more . . . . .	824	452	161	82
Seeds, plants, vines, and trees . . . . . farms	59,724	50,914	4,147	1,867
\$1,000	603,316	447,161	57,863	30,403
Farms with expenses of-				
\$1 to \$999 . . . . .	11,754	10,737	634	274
\$1,000 to \$4,999 . . . . .	17,485	15,517	1,309	495
\$5,000 to \$24,999 . . . . .	24,681	20,798	1,512	761
\$25,000 to \$49,999 . . . . .	4,496	3,114	465	197
\$50,000 or more . . . . .	1,308	748	227	140
Livestock and poultry purchased . . . . . farms	25,756	22,074	1,710	781
\$1,000	1,854,227	1,140,961	260,265	163,900
Farms with expenses of-				
\$1 to \$4,999 . . . . .	12,317	11,261	668	258
\$5,000 to \$24,999 . . . . .	5,383	4,730	325	135
\$25,000 to \$99,999 . . . . .	4,095	3,422	206	122
\$100,000 to \$249,999 . . . . .	2,216	1,564	252	121
\$250,000 or more . . . . .	1,745	1,097	259	145
Breeding livestock purchased (see text) . . . . . farms	13,436	11,561	1,004	445
\$1,000	100,883	52,253	28,648	24,987
Other livestock and poultry purchased . . . . . farms	16,372	13,859	1,073	500
\$1,000	1,753,344	1,088,708	231,618	138,914
Feed purchased . . . . . farms	41,037	35,792	2,734	1,090
\$1,000	1,922,817	1,037,910	358,598	261,599
Farms with expenses of-				
\$1 to \$4,999 . . . . .	22,966	21,300	1,107	339
\$5,000 to \$24,999 . . . . .	8,952	7,893	599	245
\$25,000 to \$99,999 . . . . .	5,557	4,389	550	231
\$100,000 to \$249,999 . . . . .	1,952	1,278	246	116
\$250,000 or more . . . . .	1,610	932	232	159
Gasoline, fuels, and oils . . . . . farms	87,485	75,779	5,798	2,623
\$1,000	348,189	250,354	38,244	22,345
Farms with expenses of-				
\$1 to \$4,999 . . . . .	67,422	60,623	4,035	1,730
\$5,000 to \$24,999 . . . . .	18,367	14,221	1,482	712
\$25,000 to \$49,999 . . . . .	1,289	752	187	110
\$50,000 or more . . . . .	407	183	94	71

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation				Other-cooperative, estate or trust, institutional, etc.	
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total		10 or less stockholders
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) . . . . . farms	1	1	1	-	10	
\$1,000	(D)	(D)	(D)	-	(D)	
Sales of \$50,000 or more . . . . . farms	-	-	-	-	7	
\$1,000	-	-	-	-	(D)	
Other animals and other animal products (see text) . . . . . farms	25	23	23	2	5	
\$1,000	964	(D)	(D)	(D)	(D)	
Sales of \$50,000 or more . . . . . farms	3	3	3	-	1	
\$1,000	738	738	738	-	(D)	
Government payments . . . . . farms	4,152	3,923	3,832	229	686	
\$1,000	66,668	64,318	62,735	2,350	5,829	
Value of -						
Certified organically produced commodities (see text) . . . . . farms	13	11	9	2	4	
\$1,000	1,308	(D)	(D)	(D)	11	
Landlord's share of total sales (see text) . . . . . farms	974	962	945	12	27	
\$1,000	70,339	69,747	68,970	593	1,320	
Agricultural products sold directly to individuals for human consumption (see text) . . . . . farms	115	111	108	4	9	
\$1,000	1,067	1,065	(D)	2	21	
<b>FARM PRODUCTION EXPENSES ?</b>						
Total farm production expenses . . . . . farms	5,282	4,920	4,730	362	869	
\$1,000	2,084,107	1,830,473	1,775,330	253,635	51,888	
Average per farm . . . . . dollars	394,568	372,047	375,334	700,648	59,710	
Fertilizer, lime, and soil conditioners purchased . . . . . farms	4,393	4,257	4,095	136	351	
\$1,000	95,536	93,650	91,015	1,886	2,799	
Farms with expenses of-						
\$1 to \$4,999 . . . . .	862	764	706	98	227	
\$5,000 to \$24,999 . . . . .	2,106	2,096	2,027	10	101	
\$25,000 to \$49,999 . . . . .	1,014	993	971	21	13	
\$50,000 or more . . . . .	411	404	391	7	10	
Chemicals purchased . . . . . farms	3,812	3,648	3,509	164	320	
\$1,000	69,861	68,693	66,518	1,168	1,338	
Farms with expenses of-						
\$1 to \$4,999 . . . . .	824	700	654	124	259	
\$5,000 to \$24,999 . . . . .	1,974	1,948	1,881	26	55	
\$25,000 to \$49,999 . . . . .	805	795	784	10	4	
\$50,000 or more . . . . .	209	205	190	4	2	
Seeds, plants, vines, and trees . . . . . farms	4,312	4,158	4,001	154	351	
\$1,000	95,741	93,742	91,777	1,998	2,552	
Farms with expenses of-						
\$1 to \$999 . . . . .	263	202	179	61	120	
\$1,000 to \$4,999 . . . . .	553	507	456	46	106	
\$5,000 to \$24,999 . . . . .	2,265	2,246	2,181	19	106	
\$25,000 to \$49,999 . . . . .	901	881	869	20	16	
\$50,000 or more . . . . .	330	322	316	8	3	
Livestock and poultry purchased . . . . . farms	1,891	1,754	1,732	137	81	
\$1,000	444,888	371,167	356,981	73,721	8,113	
Farms with expenses of-						
\$1 to \$4,999 . . . . .	359	332	330	27	29	
\$5,000 to \$24,999 . . . . .	315	299	294	16	13	
\$25,000 to \$99,999 . . . . .	457	427	424	30	10	
\$100,000 to \$249,999 . . . . .	382	361	358	21	18	
\$250,000 or more . . . . .	378	335	326	43	11	
Breeding livestock purchased (see text) . . . . . farms	833	765	755	68	38	
\$1,000	18,680	13,624	13,390	5,056	1,303	
Other livestock and poultry purchased . . . . . farms	1,381	1,303	1,288	78	59	
\$1,000	426,208	357,543	343,591	68,665	6,810	
Feed purchased . . . . . farms	2,375	2,205	2,164	170	136	
\$1,000	516,770	413,816	401,537	102,954	9,539	
Farms with expenses of-						
\$1 to \$4,999 . . . . .	487	471	462	16	72	
\$5,000 to \$24,999 . . . . .	442	410	396	32	18	
\$25,000 to \$99,999 . . . . .	605	578	575	27	13	
\$100,000 to \$249,999 . . . . .	404	377	373	27	24	
\$250,000 or more . . . . .	437	369	358	68	9	
Gasoline, fuels, and oils . . . . . farms	5,114	4,777	4,599	337	794	
\$1,000	57,740	52,093	50,711	5,648	1,851	
Farms with expenses of-						
\$1 to \$4,999 . . . . .	2,068	1,846	1,725	222	696	
\$5,000 to \$24,999 . . . . .	2,573	2,500	2,457	73	91	
\$25,000 to \$49,999 . . . . .	347	330	319	17	3	
\$50,000 or more . . . . .	126	101	98	25	4	

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>FARM PRODUCTION EXPENSES</b> <sup>2</sup> - Con.				
Total farm production expenses - Con.				
Utilities (see text) . . . . . farms	62,217	53,116	4,272	1,965
\$1,000	215,675	147,530	26,196	17,882
Farms with expenses of-				
\$1 to \$999 . . . . .	21,787	19,850	1,271	502
\$1,000 to \$4,999 . . . . .	30,383	26,348	1,935	854
\$5,000 to \$24,999 . . . . .	9,238	6,505	921	496
\$25,000 to \$49,999 . . . . .	551	307	88	63
\$50,000 or more . . . . .	258	106	57	50
Supplies, repairs, and maintenance . . . . . farms	81,393	70,565	5,295	2,420
\$1,000	646,011	474,484	71,821	42,963
Farms with expenses of-				
\$1 to \$4,999 . . . . .	49,261	44,546	2,900	1,234
\$5,000 to \$24,999 . . . . .	26,872	22,555	1,652	770
\$25,000 to \$49,999 . . . . .	3,626	2,485	480	250
\$50,000 or more . . . . .	1,634	979	263	166
Hired farm labor . . . . . farms	28,135	22,429	2,041	1,006
\$1,000	409,190	165,788	85,056	65,787
Farms with expenses of-				
\$1 to \$4,999 . . . . .	18,752	16,489	1,123	543
\$5,000 to \$24,999 . . . . .	5,901	4,340	469	195
\$25,000 to \$99,999 . . . . .	2,840	1,422	310	169
\$100,000 to \$249,999 . . . . .	480	153	85	54
\$250,000 or more . . . . .	162	25	54	45
Contract labor . . . . . farms	6,425	5,384	372	171
\$1,000	37,829	19,812	5,320	4,169
Farms with expenses of-				
\$1 to \$999 . . . . .	2,376	2,122	103	42
\$1,000 to \$4,999 . . . . .	2,856	2,450	133	51
\$5,000 to \$24,999 . . . . .	959	715	96	52
\$25,000 to \$49,999 . . . . .	115	54	22	8
\$50,000 or more . . . . .	119	43	18	18
Customwork and custom hauling . . . . . farms	30,366	25,867	2,170	998
\$1,000	160,788	112,089	23,722	15,880
Farms with expenses of-				
\$1 to \$999 . . . . .	10,046	9,095	617	251
\$1,000 to \$4,999 . . . . .	12,204	10,604	773	352
\$5,000 to \$24,999 . . . . .	7,189	5,648	615	273
\$25,000 to \$49,999 . . . . .	622	370	77	55
\$50,000 or more . . . . .	305	150	88	67
Cash rent for land, buildings, and grazing fees . . . . . farms	34,940	29,485	2,375	1,034
\$1,000	1,182,053	859,563	131,190	75,307
Farms with expenses of-				
\$1 to \$4,999 . . . . .	8,577	7,824	447	155
\$5,000 to \$9,999 . . . . .	3,994	3,528	307	99
\$10,000 to \$24,999 . . . . .	8,380	7,362	492	251
\$25,000 or more . . . . .	13,989	10,771	1,129	529
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	8,558	6,990	610	294
\$1,000	68,636	45,714	9,600	5,511
Farms with expenses of-				
\$1 to \$999 . . . . .	2,228	1,926	173	50
\$1,000 to \$4,999 . . . . .	3,150	2,708	163	93
\$5,000 to \$24,999 . . . . .	2,605	2,031	150	82
\$25,000 to \$49,999 . . . . .	387	235	77	44
\$50,000 or more . . . . .	188	90	47	25
Interest expense . . . . . farms	49,156	41,989	3,359	1,590
\$1,000	704,077	526,242	80,908	45,695
Farms with expenses of-				
\$1 to \$4,999 . . . . .	20,323	18,073	1,361	605
\$5,000 to \$24,999 . . . . .	21,382	18,534	1,113	538
\$25,000 to \$99,999 . . . . .	6,717	4,956	717	340
\$100,000 or more . . . . .	734	426	168	107
Secured by real estate . . . . . farms	36,961	31,731	2,446	1,165
\$1,000	456,338	347,316	50,243	28,297
Farms with expenses of-				
\$1 to \$999 . . . . .	4,282	3,733	362	165
\$1,000 to \$4,999 . . . . .	11,729	10,484	646	296
\$5,000 to \$24,999 . . . . .	16,613	14,360	921	446
\$25,000 to \$49,999 . . . . .	2,827	2,153	273	128
\$50,000 or more . . . . .	1,510	1,001	244	130
Not secured by real estate . . . . . farms	30,368	25,740	2,124	1,012
\$1,000	247,739	178,926	30,665	17,398
Farms with expenses of-				
\$1 to \$999 . . . . .	7,036	6,308	489	191
\$1,000 to \$4,999 . . . . .	10,724	9,445	609	307
\$5,000 to \$24,999 . . . . .	10,536	8,628	706	321
\$25,000 to \$49,999 . . . . .	1,521	1,049	208	116
\$50,000 or more . . . . .	551	310	112	77
Property taxes paid . . . . . farms	82,051	71,171	5,294	2,463
\$1,000	346,765	266,775	32,887	17,558
Farms with expenses of-				
\$1 to \$4,999 . . . . .	62,053	55,704	3,568	1,602
\$5,000 to \$9,999 . . . . .	12,542	10,428	909	459
\$10,000 to \$24,999 . . . . .	6,142	4,259	606	267
\$25,000 or more . . . . .	1,314	780	211	135

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) . . . . . farms	4,424	4,166	4,048	258	224	405
\$1,000	40,291	36,263	35,361	4,028	2,901	1,658
Farms with expenses of-						
\$1 to \$999 . . . . .	491	390	352	101	91	175
\$1,000 to \$4,999 . . . . .	1,931	1,885	1,853	46	43	169
\$5,000 to \$24,999 . . . . .	1,764	1,703	1,661	61	57	48
\$25,000 to \$49,999 . . . . .	148	116	112	32	22	8
\$50,000 or more . . . . .	90	72	70	18	11	5
Supplies, repairs, and maintenance . . . . . farms	4,908	4,615	4,461	293	251	625
\$1,000	96,426	89,518	87,435	6,908	5,419	3,280
Farms with expenses of-						
\$1 to \$4,999 . . . . .	1,323	1,171	1,089	152	134	492
\$5,000 to \$24,999 . . . . .	2,550	2,477	2,423	73	65	115
\$25,000 to \$49,999 . . . . .	654	622	615	32	25	7
\$50,000 or more . . . . .	381	345	334	36	27	11
Hired farm labor . . . . . farms	3,465	3,336	3,226	129	108	200
\$1,000	153,711	133,301	128,267	20,410	15,061	4,635
Farms with expenses of-						
\$1 to \$4,999 . . . . .	1,001	990	922	11	11	139
\$5,000 to \$24,999 . . . . .	1,069	1,039	1,027	30	27	23
\$25,000 to \$99,999 . . . . .	1,080	1,048	1,027	32	28	28
\$100,000 to \$249,999 . . . . .	237	201	196	36	29	5
\$250,000 or more . . . . .	78	58	54	20	13	5
Contract labor . . . . . farms	642	570	555	72	69	27
\$1,000	11,607	7,789	7,767	3,819	3,790	1,089
Farms with expenses of-						
\$1 to \$999 . . . . .	140	125	117	15	15	11
\$1,000 to \$4,999 . . . . .	268	245	239	23	22	5
\$5,000 to \$24,999 . . . . .	143	135	134	8	6	5
\$25,000 to \$49,999 . . . . .	36	30	30	6	6	3
\$50,000 or more . . . . .	55	35	35	20	20	3
Customwork and custom hauling . . . . . farms	2,164	2,039	1,944	125	104	165
\$1,000	23,211	21,675	20,679	1,536	1,218	1,765
Farms with expenses of-						
\$1 to \$999 . . . . .	291	252	219	39	26	43
\$1,000 to \$4,999 . . . . .	796	772	743	24	24	31
\$5,000 to \$24,999 . . . . .	854	817	801	37	35	72
\$25,000 to \$49,999 . . . . .	160	141	128	19	15	15
\$50,000 or more . . . . .	63	57	53	6	4	4
Cash rent for land, buildings, and grazing fees . . . . . farms	2,975	2,940	2,873	35	32	105
\$1,000	188,704	184,644	181,780	4,061	(D)	2,596
Farms with expenses of-						
\$1 to \$4,999 . . . . .	272	265	264	7	7	34
\$5,000 to \$9,999 . . . . .	144	142	141	2	2	15
\$10,000 to \$24,999 . . . . .	507	504	471	3	2	19
\$25,000 or more . . . . .	2,052	2,029	1,997	23	21	37
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	924	903	863	21	16	34
\$1,000	13,017	12,035	11,582	982	871	305
Farms with expenses of-						
\$1 to \$999 . . . . .	118	115	112	3	2	11
\$1,000 to \$4,999 . . . . .	268	262	235	6	5	11
\$5,000 to \$24,999 . . . . .	417	409	408	8	6	7
\$25,000 to \$49,999 . . . . .	71	70	61	1	1	4
\$50,000 or more . . . . .	50	47	47	3	2	1
Interest expense . . . . . farms	3,569	3,382	3,307	187	168	239
\$1,000	94,246	87,869	85,043	6,377	5,205	2,682
Farms with expenses of-						
\$1 to \$4,999 . . . . .	759	715	696	44	42	130
\$5,000 to \$24,999 . . . . .	1,655	1,603	1,582	52	51	80
\$25,000 to \$99,999 . . . . .	1,019	942	912	77	66	25
\$100,000 or more . . . . .	136	122	117	14	9	4
Secured by real estate . . . . . farms	2,593	2,442	2,387	151	136	191
\$1,000	56,760	52,981	51,002	3,779	2,917	2,019
Farms with expenses of-						
\$1 to \$999 . . . . .	138	110	110	28	26	49
\$1,000 to \$4,999 . . . . .	548	538	518	10	9	51
\$5,000 to \$24,999 . . . . .	1,265	1,204	1,190	61	61	67
\$25,000 to \$49,999 . . . . .	385	358	345	27	23	16
\$50,000 or more . . . . .	257	232	224	25	17	8
Not secured by real estate . . . . . farms	2,399	2,291	2,224	108	102	105
\$1,000	37,486	34,888	34,041	2,598	2,288	663
Farms with expenses of-						
\$1 to \$999 . . . . .	211	184	184	27	27	28
\$1,000 to \$4,999 . . . . .	620	603	560	17	17	50
\$5,000 to \$24,999 . . . . .	1,182	1,159	1,141	23	21	20
\$25,000 to \$49,999 . . . . .	260	235	234	25	24	4
\$50,000 or more . . . . .	126	110	105	16	13	3
Property taxes paid . . . . . farms	4,810	4,461	4,288	349	293	776
\$1,000	44,215	41,542	39,942	2,672	1,941	2,889
Farms with expenses of-						
\$1 to \$4,999 . . . . .	2,176	1,965	1,879	211	191	605
\$5,000 to \$9,999 . . . . .	1,091	1,043	1,002	48	35	114
\$10,000 to \$24,999 . . . . .	1,237	1,163	1,135	74	58	40
\$25,000 or more . . . . .	306	290	272	16	9	17

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>FARM PRODUCTION EXPENSES <sup>2</sup> - Con.</b>				
Total farm production expenses - Con.				
All other production expenses (see text) farms	64,832	55,419	4,480	2,072
\$1,000	673,475	438,749	91,786	58,723
Farms with expenses of-				
\$1 to \$4,999	38,522	34,597	2,525	1,105
\$5,000 to \$24,999	20,805	17,154	1,323	644
\$25,000 to \$49,999	3,350	2,447	320	141
\$50,000 to \$99,999	1,423	913	159	65
\$100,000 or more	732	308	153	117
Production expenses paid by landlords <sup>3</sup> farms	10,057	8,147	858	409
\$1,000	169,575	122,676	20,055	12,524
Depreciation expenses claimed (see text) farms	49,049	41,445	3,223	1,508
\$1,000	1,005,074	677,943	122,350	79,370
<b>NET CASH FARM INCOME (SEE TEXT) <sup>2</sup></b>				
Net cash farm income of operations (see text) farms	90,648	78,545	5,952	2,706
\$1,000	2,863,769	1,960,091	359,422	203,040
Average per farm dollars	31,592	24,955	60,387	75,033
Farms with net gains <sup>4</sup> number	60,139	51,097	4,381	1,993
Average net gain dollars	58,054	47,560	99,980	129,124
Gain of-				
Less than \$1,000	4,051	3,695	212	127
\$1,000 to \$4,999	9,046	8,296	444	184
\$5,000 to \$9,999	7,216	6,260	574	279
\$10,000 to \$24,999	11,948	10,495	865	388
\$25,000 to \$49,999	9,806	8,469	662	267
\$50,000 or more	18,072	13,882	1,624	748
Farms with net losses number	30,509	27,448	1,571	713
Average net loss dollars	20,570	17,127	50,025	76,163
Loss of-				
Less than \$1,000	3,867	3,617	124	56
\$1,000 to \$4,999	9,849	9,111	406	95
\$5,000 to \$9,999	6,228	5,755	315	120
\$10,000 to \$24,999	5,386	4,756	365	205
\$25,000 to \$49,999	2,498	2,188	124	93
\$50,000 or more	2,681	2,021	237	144
Net cash farm income of operators (see text) farms	90,648	78,545	5,952	2,706
\$1,000	2,624,949	1,778,776	339,810	195,529
Average per farm dollars	28,958	22,647	57,092	72,258
Operators reporting net gains <sup>4</sup> farms	59,502	50,617	4,297	1,967
Average net gain dollars	54,850	44,549	97,539	127,331
Gain of-				
Less than \$1,000	4,142	3,786	209	112
\$1,000 to \$4,999	9,385	8,618	445	194
\$5,000 to \$9,999	7,329	6,388	558	260
\$10,000 to \$24,999	12,387	10,872	869	397
\$25,000 to \$49,999	9,788	8,442	674	281
\$50,000 or more	16,471	12,511	1,542	723
Operators reporting net losses farms	31,146	27,928	1,655	739
Average net loss dollars	20,508	17,049	47,923	74,330
Loss of-				
Less than \$1,000	3,888	3,622	150	67
\$1,000 to \$4,999	9,893	9,106	445	107
\$5,000 to \$9,999	6,261	5,772	314	118
\$10,000 to \$24,999	5,650	4,982	375	205
\$25,000 to \$49,999	2,629	2,313	133	92
\$50,000 or more	2,825	2,133	238	150
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>				
Total farms	17,025	14,427	1,124	500
\$1,000	709,718	538,065	60,890	36,587
<b>INCOME FROM FARM-RELATED SOURCES</b>				
Total income from farm-related sources, gross before taxes and expenses (see text) farms	40,681	34,833	2,637	1,153
\$1,000	339,770	269,186	24,675	11,914
Customwork and other agricultural services farms	10,771	8,970	728	329
\$1,000	103,243	77,874	8,891	4,624
Gross cash rent or share payments farms	12,081	10,526	730	331
\$1,000	170,001	139,771	10,581	4,782
Sales of forest products, excluding Christmas trees and maple products farms	688	609	44	22
\$1,000	4,934	4,273	363	223
Recreational services (see text) farms	256	204	24	14
\$1,000	880	609	108	53

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>				
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.				
Patronage dividends and refunds from cooperatives (see text) farms \$1,000	24,233 27,174	20,648 20,710	1,566 2,620	673 1,271
Other farm-related income sources (see text) farms \$1,000	8,445 33,537	7,357 25,949	490 2,112	167 961
<b>LAND USE</b>				
Total cropland farms acres	84,755 27,153,291	73,560 20,935,058	5,445 2,584,475	2,395 1,310,761
Harvested cropland farms acres	67,338 23,994,343	58,166 18,278,146	4,404 2,333,929	1,864 1,190,628
Farms by acres harvested:				
1 to 49 acres	14,687	13,705	577	235
50 to 99 acres	7,557	6,891	440	162
100 to 199 acres	11,660	10,414	817	297
200 to 499 acres	17,404	15,182	1,162	471
500 to 999 acres	10,515	8,382	727	322
1,000 to 1,999 acres	4,630	3,094	484	252
2,000 acres or more	885	498	197	125
Cropland-				
For pasture or grazing only farms acres	20,676 1,355,161	18,451 1,149,227	1,302 121,721	517 51,732
On which all crops failed farms acres	1,395 45,029	1,219 35,522	85 4,424	36 3,308
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) farms acres	29,532 1,758,758	25,367 1,472,163	1,975 124,401	958 65,093
In cultivated summer fallow farms acres	- -	- -	- -	- -
Total woodland farms acres	21,515 1,336,752	18,933 1,099,182	1,419 121,083	577 53,015
Woodland pastured farms acres	9,809 548,815	8,739 463,182	691 51,230	250 18,171
Woodland not pastured farms acres	14,593 787,937	12,746 636,000	933 69,853	402 34,844
Pastureland and rangeland, other than cropland and woodland pastured (see text) farms acres	23,863 1,735,421	21,243 1,427,339	1,508 172,297	594 74,091
Land in house lots, ponds, roads, wasteland, etc. farms acres	56,291 1,504,026	48,775 1,195,998	3,495 133,317	1,555 64,739
Irrigated land farms acres	976 142,109	697 89,062	69 15,095	39 8,709
Harvested cropland farms acres	934 141,438	662 (D)	66 (D)	37 (D)
Pastureland and other land farms acres	45 671	37 (D)	3 (D)	2 (D)
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>				
Land enrolled in Conservation Reserve or Wetlands Reserve Programs farms acres	30,454 1,694,138	25,930 1,410,693	2,046 124,300	990 63,605
Land used to raise certified organically produced crops (see text) farms acres	364 46,557	326 38,891	22 4,022	11 1,855
Land enrolled in Federal or other crop insurance programs (see text) farms acres	45,205 19,609,071	38,131 14,863,976	3,185 1,878,084	1,398 994,458
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>				
Estimated market value of land and buildings farms \$1,000	90,648 64,154,298	78,545 48,783,312	5,952 6,207,538	2,706 3,176,176
Average per farm dollars	707,730	621,087	1,042,933	1,173,753
Average per acre dollars	2,005	1,969	2,045	2,148
Farms by value group:				
\$1 to \$49,999	9,531	8,702	477	188
\$50,000 to \$99,999	9,784	8,799	587	322
\$100,000 to \$199,999	14,535	13,302	765	322
\$200,000 to \$499,999	22,282	19,971	1,433	577
\$500,000 to \$999,999	14,637	12,685	1,007	486
\$1,000,000 to \$1,999,999	11,607	9,558	726	343
\$2,000,000 to \$4,999,999	7,413	5,058	771	351
\$5,000,000 to \$9,999,999	793	445	152	91
\$10,000,000 or more	66	25	34	26

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) farms \$1,000	1,934	1,875	1,841	59	56	85
Other farm-related income sources (see text) farms \$1,000	3,759	3,616	3,556	143	(D)	86
	568	545	529	23	22	30
	5,446	5,048	5,018	398	(D)	30
<b>LAND USE</b>						
Total cropland farms	4,937	4,656	4,550	281	243	813
Harvested cropland farms	3,494,347	3,412,467	3,344,154	81,880	60,249	139,411
Farms by acres harvested:	4,389	4,251	4,164	138	125	379
1 to 49 acres	3,294,355	3,230,251	3,169,721	64,104	48,783	87,913
50 to 99 acres	284	242	232	42	36	121
100 to 199 acres	171	158	156	13	12	55
200 to 499 acres	348	322	303	26	26	81
500 to 999 acres	982	964	950	18	17	78
1,000 to 1,999 acres	1,376	1,358	1,337	18	17	30
2,000 acres or more	1,042	1,026	1,012	16	14	10
	186	181	174	5	3	4
Cropland- For pasture or grazing only farms	835	820	801	15	14	88
On which all crops failed farms	78,932	77,611	(D)	1,321	(D)	5,281
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) farms	82	75	74	7	7	9
In cultivated summer fallow farms	3,285	2,975	(D)	310	310	1,798
Total woodland farms	967	903	881	64	51	196
Woodland pastured farms	93,476	74,683	71,137	18,793	(D)	23,011
Woodland not pastured farms	332	322	319	10	8	47
Pastureland and rangeland, other than cropland and woodland pastured (see text) farms	28,980	26,150	(D)	2,830	(D)	5,423
Land in house lots, ponds, roads, wasteland, etc. farms	748	690	669	58	46	166
Irrigated land farms	64,496	48,533	(D)	15,963	5,574	17,588
Land enrolled in Conservation Reserve or Wetlands Reserve Programs farms	973	938	919	35	30	139
Land used to raise certified organically produced crops (see text) farms	118,876	111,164	104,595	7,712	(D)	16,909
Land enrolled in Federal or other crop insurance programs (see text) farms	3,600	3,381	3,309	219	185	421
Land enrolled in Conservation Reserve or Wetlands Reserve Programs acres	155,549	143,709	140,651	11,840	6,735	19,162
Land used to raise certified organically produced crops (see text) acres	190	178	171	12	10	20
Harvested cropland acres	36,477	34,471	33,982	2,006	(D)	1,475
Pastureland and other land acres	187	175	168	12	10	19
	36,448	34,442	33,953	2,006	(D)	(D)
	4	4	4	-	-	1
	29	29	29	-	-	(D)
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs farms	1,969	1,803	1,758	166	140	509
Land used to raise certified organically produced crops (see text) farms	114,711	101,681	97,063	13,030	11,379	44,434
Land enrolled in Federal or other crop insurance programs (see text) farms	13	11	9	2	1	3
	3,591	(D)	1,410	(D)	(D)	53
Land enrolled in Federal or other crop insurance programs (see text) acres	3,649	3,557	3,489	92	87	240
	2,799,912	2,748,087	2,697,520	51,825	41,496	67,099
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>						
Estimated market value of land and buildings farms	5,282	4,920	4,730	362	306	869
Average per farm dollars	8,817,043	8,543,835	8,319,755	273,209	199,475	346,404
Average per acre dollars	1,669,262	1,736,552	1,758,934	754,720	651,879	398,623
	2,216	2,208	2,214	2,507	3,298	1,753
Farms by value group:						
\$1 to \$49,999	162	111	87	51	47	190
\$50,000 to \$99,999	209	167	156	42	29	189
\$100,000 to \$199,999	307	264	263	43	40	161
\$200,000 to \$499,999	717	628	580	89	78	161
\$500,000 to \$999,999	854	790	750	64	51	91
\$1,000,000 to \$1,999,999	1,287	1,247	1,210	40	37	36
\$2,000,000 to \$4,999,999	1,546	1,519	1,497	27	21	38
\$5,000,000 to \$9,999,999	193	189	182	4	2	3
\$10,000,000 or more	7	5	5	2	1	-

See footnote(s) at end of table.

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Table 58. Summary by Type of Organization: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Estimated market value of all machinery and equipment	5,183	4,855	4,665	328	272	849
\$1,000	1,243,226	1,199,142	1,170,358	44,085	30,925	48,591
<b>Farms by value group:</b>						
\$1 to \$4,999	316	226	200	90	58	279
\$5,000 to \$9,999	126	82	72	44	41	158
\$10,000 to \$19,999	204	179	178	25	24	75
\$20,000 to \$49,999	551	475	451	76	70	143
\$50,000 to \$99,999	587	565	523	22	18	65
\$100,000 to \$199,999	1,042	1,009	962	33	31	52
\$200,000 to \$499,999	1,750	1,734	1,710	16	14	65
\$500,000 or more	607	585	569	22	16	12
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Tractors	4,941	4,656	4,479	285	244	707
number	20,979	20,256	19,566	723	593	1,862
Less than 40 horsepower (PTO)	2,064	1,885	1,810	179	152	349
number	3,465	3,179	3,067	286	231	499
40 to 99 horsepower (PTO)	3,744	3,563	3,407	181	155	476
number	6,925	6,654	6,334	271	228	846
100 horsepower (PTO) or more	4,140	4,080	3,959	60	53	311
number	10,589	10,423	10,165	166	134	517
Grain and bean combines (see text)	3,581	3,555	3,458	26	22	246
number	3,964	3,929	3,808	35	27	277
Cotton pickers and strippers	-	-	-	-	-	-
number	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	225	224	219	1	-	3
number	238	(D)	232	(D)	-	3
Hay balers	1,321	1,276	1,234	45	43	82
number	1,527	1,482	1,431	45	(D)	94
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>						
Commercial fertilizer, lime, and soil conditioners	4,242	4,171	4,011	71	66	277
acres treated	2,282,579	2,252,356	2,185,131	30,223	20,912	62,658
Manure	2,052	1,993	1,953	59	55	90
acres treated	329,654	322,039	315,999	7,615	5,656	11,124
<b>Acres treated with chemicals to control-</b>						
Insects	2,004	1,963	1,877	41	39	58
acres	663,257	650,972	618,258	12,285	(D)	10,704
Weeds, grass, or brush	3,452	3,368	3,263	84	67	196
acres	2,508,495	2,471,936	2,409,835	36,559	29,655	49,085
Nematodes	171	168	167	3	3	1
acres	43,280	42,557	(D)	723	723	(D)
Diseases in crops and orchards	116	115	115	1	-	2
acres	(D)	30,179	30,179	(D)	-	(D)
Chemicals used to control growth, thin fruit, or defoliate	9	7	7	2	2	-
acres on which used	(D)	96	96	(D)	(D)	-
<b>TENURE</b>						
Full owners	2,168	1,853	1,791	315	267	757
Part owners	2,515	2,480	2,440	35	30	63
Tenants	596	567	559	29	27	65
<b>OWNED AND RENTED LAND</b>						
Land owned	4,704	4,354	4,252	350	297	826
acres	2,089,967	1,983,146	1,913,050	106,821	70,696	221,308
Owned land in farms	4,683	4,333	4,231	350	297	820
acres	1,851,619	1,767,805	1,710,494	83,814	50,225	164,820
Land rented or leased from others	3,141	3,076	3,027	65	57	132
acres	2,028,741	1,991,080	1,966,693	37,661	25,660	34,619
Rented or leased land in farms	3,111	3,047	2,999	64	57	128
acres	2,010,629	1,974,218	1,950,043	36,411	25,660	33,673
Land rented or leased to others	912	831	794	81	64	298
acres	256,460	232,203	219,206	24,257	20,471	57,434
<b>NUMBER OF OPERATORS</b>						
Total operators	8,773	8,164	7,974	609	506	1,324
Farms by number of operators:						
1 operator	2,797	2,532	2,473	265	229	689
2 operators	1,799	1,740	1,706	59	52	122
3 operators	488	456	445	32	26	39
4 operators	129	121	119	8	6	16
5 or more operators	66	51	47	15	11	19
Total women operators	1,837	1,750	1,713	87	76	342
Farms by number of women operators:						
1 operator	1,615	1,549	1,522	66	58	249
2 operators	75	69	67	6	6	19
3 operators	17	16	14	1	-	9
4 operators	1	1	1	-	-	2
5 or more operators	3	2	2	1	1	4

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>				
Sex of operator:				
Male .....	84,451	73,262	5,450	2,414
Female .....	6,204	5,437	342	178
Primary occupation:				
Farming .....	61,935	53,277	3,976	1,729
Other .....	28,720	25,422	1,816	863
Place of residence:				
On farm operated .....	69,329	61,633	3,474	1,506
Not on farm operated .....	21,326	17,066	2,318	1,086
Days worked off farm:				
None .....	41,409	34,767	2,951	1,308
Any .....	49,246	43,932	2,841	1,284
1 to 49 days .....	6,380	5,450	404	174
50 to 99 days .....	3,131	2,748	167	75
100 to 199 days .....	6,084	5,440	307	127
200 days or more .....	33,651	30,294	1,963	908
Years on present farm:				
2 years or less .....	2,314	2,023	122	60
3 or 4 years .....	4,493	3,874	353	159
5 to 9 years .....	12,038	10,560	767	372
10 years or more .....	71,810	62,242	4,550	2,001
Average years on present farm .....	23.9	23.9	23.8	22.1
Age group:				
Under 25 years .....	869	791	56	11
25 to 34 years .....	5,282	4,745	311	116
35 to 44 years .....	17,331	15,257	962	400
45 to 49 years .....	12,407	10,754	705	339
50 to 54 years .....	12,148	10,344	806	420
55 to 59 years .....	10,582	9,043	703	361
60 to 64 years .....	9,645	8,353	618	317
65 to 69 years .....	8,075	7,055	506	210
70 years and over .....	14,316	12,357	1,125	418
Average age .....	54.3	54.2	55.6	55.4
Spanish, Hispanic, or Latino origin (see text) .....	380	337	28	11
Race:				
White .....	90,472	78,540	5,776	2,580
Black or African American .....	31	25	2	2
American Indian or Alaska Native .....	61	53	8	7
Native Hawaiian or Other Pacific Islander .....	2	2	-	-
Asian .....	25	22	3	-
More than one race reported .....	64	57	3	3
Operators living on an American Indian reservation .....	1	1	-	-
Farms by number of persons living in operator's household:				
1 person .....	11,876	10,508	736	306
2 people .....	43,296	37,427	2,818	1,251
3 people .....	11,361	9,803	805	365
4 people .....	12,869	11,145	815	404
5 or more people .....	11,253	9,816	618	266
Percent of operator's total household income from farming:				
Less than 25 percent .....	36,935	33,119	2,265	1,064
25 to 49 percent .....	12,304	10,947	790	334
50 to 74 percent .....	16,287	14,166	1,125	428
75 to 99 percent .....	11,096	9,455	724	303
100 percent .....	11,522	9,892	631	287
Operator is a hired manager .....	2,511	1,120	257	176
farms .....				
acres .....	1,272,488	345,818	109,139	64,427
Farms with-				
Computer for farm business .....	41,722	34,537	3,054	1,488
Internet access .....	48,857	41,287	3,322	1,585
Farms by number of households sharing in net income of farm:				
1 household .....	67,219	63,041	1,049	446
2 households .....	15,043	10,693	3,244	1,316
3 households .....	3,396	2,131	832	418
4 households .....	1,365	929	238	134
5 households or more .....	1,121	785	172	102
<b>FARMS BY TYPE OF ORGANIZATION</b>				
Family or individual .....	78,699	78,699	-	-
farms .....				
acres .....	24,657,577	24,657,577	-	-
Partnership .....	5,792	-	5,792	2,592
farms .....				
acres .....	3,011,172	-	3,011,172	1,502,606
Registered under state law .....	2,592	-	-	2,592
farms .....				
acres .....	1,502,606	-	1,502,606	1,502,606

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	5,043	4,693	4,586	350	296	696
Female .....	236	207	204	29	28	189
Primary occupation:						
Farming .....	4,304	4,122	4,042	182	154	378
Other .....	975	778	748	197	170	507
Place of residence:						
On farm operated .....	3,857	3,720	3,666	137	120	365
Not on farm operated .....	1,422	1,180	1,124	242	204	520
Days worked off farm:						
None .....	3,314	3,123	3,071	191	167	377
Any .....	1,965	1,777	1,719	188	157	508
1 to 49 days .....	473	460	456	13	12	53
50 to 99 days .....	202	196	193	6	5	14
100 to 199 days .....	299	276	271	23	20	38
200 days or more .....	991	845	799	146	120	403
Years on present farm:						
2 years or less .....	88	67	63	21	18	81
3 or 4 years .....	195	162	155	33	30	71
5 to 9 years .....	549	452	432	97	80	162
10 years or more .....	4,447	4,219	4,140	228	196	571
Average years on present farm .....	25.2	25.9	26.0	16.2	16.3	19.8
Age group:						
Under 25 years .....	12	11	11	1	-	10
25 to 34 years .....	179	158	154	21	15	47
35 to 44 years .....	949	863	846	86	76	163
45 to 49 years .....	864	797	782	67	59	84
50 to 54 years .....	887	833	815	54	44	111
55 to 59 years .....	703	655	637	48	38	133
60 to 64 years .....	599	552	541	47	42	75
65 to 69 years .....	434	415	409	19	15	80
70 years and over .....	652	616	595	36	35	182
Average age .....	54.3	54.4	54.4	52.1	52.6	56.2
Spanish, Hispanic, or Latino origin (see text) .....	15	13	12	2	2	-
Race:						
White .....	5,275	4,896	4,786	379	324	881
Black or African American .....	4	4	4	-	-	-
American Indian or Alaska Native .....	-	-	-	-	-	-
Native Hawaiian or Other Pacific Islander .....	-	-	-	-	-	-
Asian .....	-	-	-	-	-	-
More than one race reported .....	-	-	-	-	-	4
Operators living on an American Indian reservation .....	-	-	-	-	-	-
Farms by number of persons living in operator's household:						
1 person .....	479	424	413	55	54	153
2 people .....	2,618	2,465	2,405	153	126	433
3 people .....	645	588	570	57	49	108
4 people .....	822	754	740	68	56	87
5 or more people .....	715	669	662	46	39	104
Percent of operator's total household income from farming:						
Less than 25 percent .....	1,103	949	920	154	132	448
25 to 49 percent .....	496	462	447	34	30	71
50 to 74 percent .....	892	847	832	45	44	104
75 to 99 percent .....	862	842	835	20	19	55
100 percent .....	961	940	929	21	21	38
Operator is a hired manager .....	965	860	827	105	78	169
farms .....						
acres .....	755,313	695,660	683,411	59,653	18,492	62,218
Farms with-						
Computer for farm business .....	3,725	3,520	3,433	205	168	406
Internet access .....	3,770	3,550	3,468	220	183	478
Farms by number of households sharing in net income of farm:						
1 household .....	2,608	2,435	2,392	173	157	521
2 households .....	996	947	927	49	41	110
3 households .....	394	364	358	30	26	39
4 households .....	172	159	155	13	13	26
5 households or more .....	144	135	131	9	9	20
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	farms	-	-	-	-	-
acres .....	-	-	-	-	-	-
Partnership .....	farms	-	-	-	-	-
acres .....	-	-	-	-	-	-
Registered under state law .....	farms	-	-	-	-	-
acres .....	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>				
Corporation . . . . . farms	5,279	-	-	-
acres	3,862,248	-	-	-
Family held . . . . . farms	4,900	-	-	-
acres	3,742,023	-	-	-
More than 10 stockholders . . . . . farms	110	-	-	-
10 or less stockholders . . . . . farms	4,790	-	-	-
Other than family held . . . . . farms	379	-	-	-
acres	120,225	-	-	-
More than 10 stockholders . . . . . farms	55	-	-	-
10 or less stockholders . . . . . farms	324	-	-	-
Other-cooperative, estate or trust, institutional, etc . . . . . farms	885	-	-	-
acres	198,493	-	-	-
<b>HIRE FARM LABOR</b>				
Hired farm labor . . . . . farms	28,135	22,429	2,041	1,006
workers	82,991	58,488	8,929	5,435
Workers by days worked:				
150 days or more . . . . . farms	9,057	5,662	870	441
workers	22,027	10,371	3,576	2,443
Less than 150 days . . . . . farms	24,103	19,760	1,677	846
workers	60,964	48,117	5,353	2,992
Migrant farm labor on farms with hired labor (see text) . . . . . farms	101	42	28	7
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	39	30	9	-
<b>FARMS BY SIZE</b>				
1 to 9 acres . . . . .	4,811	4,263	255	151
10 to 49 acres . . . . .	16,278	14,885	759	397
50 to 69 acres . . . . .	3,843	3,483	203	86
70 to 99 acres . . . . .	6,821	6,191	357	143
100 to 139 acres . . . . .	6,300	5,661	373	149
140 to 179 acres . . . . .	7,286	6,578	447	174
180 to 219 acres . . . . .	4,621	4,133	284	116
220 to 259 acres . . . . .	4,506	4,004	315	124
260 to 499 acres . . . . .	15,592	13,707	996	390
500 to 999 acres . . . . .	13,063	10,691	901	387
1,000 to 1,999 acres . . . . .	6,213	4,343	624	302
2,000 acres or more . . . . .	1,321	760	278	173
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>				
Oilseed and grain farming (1111) . . . . .	42,509	36,421	2,768	1,234
Vegetable and melon farming (1112) . . . . .	317	292	11	6
Fruit and tree nut farming (1113) . . . . .	284	250	14	7
Greenhouse, nursery, and floriculture production (1114) . . . . .	580	426	38	28
Other crop farming (1119) . . . . .	18,891	16,777	1,137	573
Tobacco farming (11191) . . . . .	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	18,891	16,777	1,137	573
Beef cattle ranching and farming (11211) . . . . .	10,065	9,390	513	161
Cattle feedlots (11212) . . . . .	4,259	3,611	354	139
Dairy cattle and milk production (11212) . . . . .	2,306	1,937	264	77
Hog and pig farming (1122) . . . . .	5,742	4,417	450	264
Poultry and egg production (1123) . . . . .	442	337	27	18
Sheep and goat farming (1124) . . . . .	1,098	1,056	29	11
Animal aquaculture and other animal production (1125, 1129) . . . . .	4,162	3,785	187	74
<b>LIVESTOCK</b>				
Cattle and calves inventory . . . . . farms	32,169	28,466	2,188	777
number	3,535,945	2,667,582	447,411	201,111
Farms with-				
1 to 9 . . . . .	3,586	3,391	109	30
10 to 49 . . . . .	12,134	11,193	590	207
50 to 99 . . . . .	6,899	6,162	450	130
100 to 199 . . . . .	5,373	4,683	417	136
200 to 499 . . . . .	3,115	2,386	418	171
500 or more . . . . .	1,062	651	204	103
Cows and heifers that had calved . . . . . farms	25,676	22,853	1,787	610
number	1,194,635	969,415	136,949	60,658
Beef cows . . . . . farms	23,313	20,867	1,516	525
number	987,670	823,094	98,872	39,962
Farms with-				
1 to 9 . . . . .	3,855	3,633	134	38
10 to 49 . . . . .	13,021	11,888	724	237
50 to 99 . . . . .	4,235	3,633	355	118
100 to 199 . . . . .	1,771	1,425	218	89
200 to 499 . . . . .	397	267	79	40
500 or more . . . . .	34	21	6	3

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation . . . . . farms	5,279	4,900	4,790	379	324	-
acres	3,862,248	3,742,023	3,660,537	120,225	75,885	-
Family held . . . . . farms	4,900	4,900	4,790	-	-	-
acres	3,742,023	3,742,023	3,660,537	-	-	-
More than 10 stockholders . . . . . farms	110	110	-	-	-	-
10 or less stockholders . . . . . farms	4,790	4,790	4,790	-	-	-
Other than family held . . . . . farms	379	-	-	379	324	-
acres	120,225	-	-	120,225	75,885	-
More than 10 stockholders . . . . . farms	55	-	-	55	-	-
10 or less stockholders . . . . . farms	324	-	-	324	324	-
Other-cooperative, estate or trust, institutional, etc . . . . . farms	-	-	-	-	-	885
acres	-	-	-	-	-	198,493
<b>HIRED FARM LABOR</b>						
Hired farm labor . . . . . farms	3,465	3,336	3,226	129	108	200
workers	14,882	13,066	12,469	1,816	1,004	692
Workers by days worked:						
150 days or more . . . . . farms	2,451	2,337	2,296	114	95	74
workers	7,749	6,474	6,324	1,275	566	331
Less than 150 days . . . . . farms	2,496	2,403	2,309	93	78	170
workers	7,133	6,592	6,145	541	438	361
Migrant farm labor on farms with hired labor (see text) . . . . . farms	30	26	26	4	3	1
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	-	-	-	-	-	-
<b>FARMS BY SIZE</b>						
1 to 9 acres . . . . .	211	161	155	50	45	82
10 to 49 acres . . . . .	437	310	301	127	108	197
50 to 69 acres . . . . .	96	74	72	22	21	61
70 to 99 acres . . . . .	156	131	127	25	18	117
100 to 139 acres . . . . .	191	156	147	35	26	75
140 to 179 acres . . . . .	190	171	164	19	17	71
180 to 219 acres . . . . .	158	148	141	10	8	46
220 to 259 acres . . . . .	135	123	118	12	10	52
260 to 499 acres . . . . .	788	760	750	28	26	101
500 to 999 acres . . . . .	1,428	1,404	1,383	24	23	43
1,000 to 1,999 acres . . . . .	1,217	1,197	1,177	20	18	29
2,000 acres or more . . . . .	272	265	255	7	4	11
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) . . . . .	3,049	2,963	2,897	86	76	271
Vegetable and melon farming (1112) . . . . .	8	8	8	-	-	6
Fruit and tree nut farming (1113) . . . . .	18	15	15	3	3	2
Greenhouse, nursery, and floriculture production (1114) . . . . .	106	97	95	9	9	10
Other crop farming (1119) . . . . .	509	369	354	140	116	468
Tobacco farming (11191) . . . . .	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	509	369	354	140	116	468
Beef cattle ranching and farming (11211) . . . . .	121	115	112	6	6	41
Cattle feedlots (11212) . . . . .	285	276	268	9	8	9
Dairy cattle and milk production (11212) . . . . .	98	96	95	2	1	7
Hog and pig farming (1122) . . . . .	842	732	719	110	93	33
Poultry and egg production (1123) . . . . .	76	67	66	9	7	2
Sheep and goat farming (1124) . . . . .	11	10	9	1	1	2
Animal aquaculture and other animal production (1125, 1129) . . . . .	156	152	152	4	4	34
<b>LIVESTOCK</b>						
Cattle and calves inventory . . . . . farms	1,415	1,385	1,362	30	27	100
number	407,672	375,400	361,579	32,272	(D)	13,280
Farms with-						
1 to 9 . . . . .	74	72	70	2	2	12
10 to 49 . . . . .	316	307	301	9	9	35
50 to 99 . . . . .	269	264	263	5	5	18
100 to 199 . . . . .	256	253	251	3	3	17
200 to 499 . . . . .	298	298	292	-	-	13
500 or more . . . . .	202	191	185	11	8	5
Cows and heifers that had calved . . . . . farms	960	942	931	18	16	76
number	82,967	78,070	74,792	4,897	(D)	5,304
Beef cows . . . . . farms	858	844	833	14	13	72
number	(D)	58,426	(D)	(D)	(D)	(D)
Farms with-						
1 to 9 . . . . .	78	75	74	3	3	10
10 to 49 . . . . .	371	367	363	4	4	38
50 to 99 . . . . .	232	227	225	5	5	15
100 to 199 . . . . .	123	123	122	-	-	5
200 to 499 . . . . .	48	48	46	-	-	3
500 or more . . . . .	6	4	3	2	1	1

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>LIVESTOCK - Con.</b>				
Cattle and calves inventory - Con.				
Cows and heifers that had calved - Con.				
Milk cows . . . . . farms	3,034	2,565	340	104
number	206,965	146,321	38,077	20,696
Farms with-				
1 to 4 . . . . .	333	313	14	6
5 to 9 . . . . .	128	116	9	2
10 to 49 . . . . .	1,136	1,001	113	19
50 to 99 . . . . .	966	831	103	31
100 to 199 . . . . .	331	224	69	28
200 to 499 . . . . .	112	70	25	13
500 or more . . . . .	28	10	7	5
Other cattle (see text) . . . . . farms	29,013	25,578	2,018	719
number	2,341,310	1,698,167	310,462	140,453
Cattle and calves sold . . . . . farms	29,515	26,045	2,052	734
number	2,929,704	2,046,798	401,101	199,120
\$1,000	2,119,935	1,424,897	301,627	150,466
Calves weighing less than 500 pounds . . . . . farms	9,504	8,506	644	221
number	259,122	214,461	26,020	14,470
Cattle, including calves weighing				
500 pounds or more . . . . . farms	26,277	23,091	1,878	661
number	2,670,582	1,832,337	375,081	184,650
Cattle on feed (see text) . . . . . farms	10,386	8,739	864	329
number	1,806,291	1,120,403	282,301	144,425
Hogs and pigs inventory . . . . . farms	10,205	7,973	896	461
number	15,486,531	8,387,516	3,038,018	2,370,564
Farms with-				
1 to 24 . . . . .	821	767	28	6
25 to 49 . . . . .	297	279	10	3
50 to 99 . . . . .	432	383	29	10
100 to 199 . . . . .	733	664	43	11
200 to 499 . . . . .	1,999	1,734	141	61
500 or more . . . . .	5,923	4,146	645	370
Used or to be used for breeding . . . . . farms	4,386	3,354	441	223
number	1,145,323	444,665	303,021	246,203
Other hogs and pigs . . . . . farms	9,863	7,693	869	446
number	14,341,208	7,942,851	2,734,997	2,124,361
Hogs and pigs sold . . . . . farms	11,275	8,870	963	498
number	41,232,492	21,917,616	7,329,895	5,651,571
\$1,000	3,078,455	1,677,719	593,434	473,050
Sheep and lambs of all ages				
inventory (see text) . . . . . farms	3,751	3,439	188	54
number	249,908	226,400	11,504	3,445
Ewes 1 year old or older . . . . . farms	3,531	3,229	185	53
number	130,808	118,518	7,164	2,259
Sheep and lambs sold . . . . . farms	2,903	2,663	139	37
number	257,130	237,961	8,354	2,521
Horses and ponies inventory . . . . . farms	11,482	10,640	463	177
number	77,123	70,860	3,297	1,397
Horses and ponies sold . . . . . farms	2,775	2,578	107	39
number	10,601	9,755	391	163
Goats, All inventory . . . . . farms	1,167	1,092	44	18
number	18,898	16,907	1,273	163
Goats sold . . . . . farms	497	460	23	9
number	11,093	10,003	849	78
<b>POULTRY</b>				
Layers 20 weeks old and older				
inventory . . . . . farms	1,934	1,758	100	41
number	38,650,210	10,255,919	5,689,608	4,858,116
Farms with-				
1 to 399 . . . . .	1,812	1,686	82	27
400 to 3,199 . . . . .	26	25	-	-
3,200 to 9,999 . . . . .	21	20	1	1
10,000 to 19,999 . . . . .	9	5	2	1
20,000 to 49,999 . . . . .	10	5	4	3
50,000 to 99,999 . . . . .	11	5	-	-
100,000 or more . . . . .	46	12	12	9
Pullets for laying flock replacement				
inventory . . . . . farms	472	421	25	12
number	7,403,989	2,328,375	(D)	514,708
Layers and pullets sold (see text) . . . . . farms	462	386	28	19
number	30,174,804	7,868,591	(D)	4,066,406
Broilers and other meat-type chickens				
sold . . . . . farms	629	581	20	9
number	9,558,127	5,881,325	(D)	(D)
Farms with-				
1 to 1,999 . . . . .	557	522	15	6
2,000 to 59,999 . . . . .	51	46	3	1
60,000 to 99,999 . . . . .	2	1	-	-
100,000 or more . . . . .	19	12	2	2

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total	10 or less stockholders	
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows . . . . . farms	121	117	116	4	3	8
number	(D)	19,644	(D)	(D)	(D)	(D)
Farms with-						
1 to 4 . . . . .	5	3	3	2	2	1
5 to 9 . . . . .	3	3	3	-	-	-
10 to 49 . . . . .	20	20	20	-	-	2
50 to 99 . . . . .	32	32	32	-	-	-
100 to 199 . . . . .	36	36	35	-	-	2
200 to 499 . . . . .	14	14	14	-	-	3
500 or more . . . . .	11	9	9	2	1	-
Other cattle (see text) . . . . . farms	1,325	1,298	1,275	27	24	92
number	324,705	297,330	286,787	27,375	(D)	7,976
Cattle and calves sold . . . . . farms	1,338	1,309	1,286	29	26	80
number	470,944	417,144	399,952	53,800	(D)	10,861
\$1,000	386,917	344,875	(D)	42,042	(D)	6,494
Calves weighing less than 500 pounds . . . . . farms	314	306	303	8	6	40
number	15,997	15,171	14,972	826	(D)	2,644
Cattle, including calves weighing						
500 pounds or more . . . . . farms	1,243	1,216	1,194	27	24	65
number	454,947	401,973	384,980	52,974	(D)	8,217
Cattle on feed (see text) . . . . . farms	754	742	730	12	10	29
number	397,592	347,775	331,807	49,817	(D)	5,995
Hogs and pigs inventory . . . . . farms	1,285	1,173	1,156	112	96	51
number	3,889,229	2,887,661	2,739,564	1,001,568	913,034	171,768
Farms with-						
1 to 24 . . . . .	19	18	18	1	1	7
25 to 49 . . . . .	5	5	4	-	-	3
50 to 99 . . . . .	17	15	15	2	2	3
100 to 199 . . . . .	25	22	22	3	3	1
200 to 499 . . . . .	113	113	113	-	-	11
500 or more . . . . .	1,106	1,000	984	106	90	26
Used or to be used for breeding . . . . . farms	561	487	476	74	60	30
number	366,114	236,984	219,820	129,130	96,422	31,523
Other hogs and pigs . . . . . farms	1,256	1,151	1,135	105	89	45
number	3,523,115	2,650,677	2,519,744	872,438	816,612	140,245
Hogs and pigs sold . . . . . farms	1,393	1,278	1,259	115	98	49
number	11,581,304	8,441,795	8,028,396	3,139,509	2,488,403	403,677
\$1,000	787,435	611,847	589,249	175,588	153,873	19,867
Sheep and lambs of all ages						
inventory (see text) . . . . . farms	113	109	107	4	4	11
number	11,398	11,331	(D)	67	67	606
Ewes 1 year old or older . . . . . farms	106	104	102	2	2	11
number	4,774	(D)	(D)	(D)	(D)	352
Sheep and lambs sold . . . . . farms	92	90	88	2	2	9
number	10,285	(D)	(D)	(D)	(D)	530
Horses and ponies inventory . . . . . farms	341	329	325	12	11	38
number	2,600	2,424	2,411	176	(D)	366
Horses and ponies sold . . . . . farms	83	79	79	4	3	7
number	430	405	405	25	(D)	25
Goats, All inventory . . . . . farms	26	22	22	4	3	5
number	690	(D)	(D)	(D)	10	28
Goats sold . . . . . farms	12	10	10	2	1	2
number	(D)	(D)	(D)	(D)	(D)	(D)
<b>POULTRY</b>						
Layers 20 weeks old and older						
inventory . . . . . farms	65	61	58	4	3	11
number	22,703,544	(D)	(D)	(D)	(D)	1,139
Farms with-						
1 to 399 . . . . .	34	32	30	2	2	10
400 to 3,199 . . . . .	-	-	-	-	-	1
3,200 to 9,999 . . . . .	-	-	-	-	-	-
10,000 to 19,999 . . . . .	2	2	2	-	-	-
20,000 to 49,999 . . . . .	1	1	1	-	-	-
50,000 to 99,999 . . . . .	6	5	5	1	1	-
100,000 or more . . . . .	22	21	20	1	-	-
Pullets for laying flock replacement						
inventory . . . . . farms	24	23	22	1	1	2
number	(D)	4,089,523	(D)	(D)	(D)	(D)
Layers and pullets sold (see text) . . . . . farms	47	44	43	3	2	1
number	17,421,451	(D)	16,063,353	(D)	(D)	(D)
Broilers and other meat-type chickens						
sold . . . . . farms	24	21	21	3	3	4
number	(D)	1,811,322	1,811,322	(D)	(D)	1,050
Farms with-						
1 to 1,999 . . . . .	16	16	16	-	-	4
2,000 to 59,999 . . . . .	2	1	1	1	1	-
60,000 to 99,999 . . . . .	1	1	1	-	-	-
100,000 or more . . . . .	5	3	3	2	2	-

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>POULTRY - Con.</b>				
Turkeys inventory . . . . . farms	355	307	17	9
Turkeys sold . . . . . farms	3,681,862	1,060,849	(D)	(D)
Turkeys sold . . . . . farms	200	152	15	9
Turkeys sold . . . . . number	9,145,415	2,747,816	(D)	(D)
<b>CROPS HARVESTED</b>				
Corn for grain . . . . . farms	52,806	44,751	3,740	1,595
Corn for grain . . . . . acres	11,761,392	8,885,434	1,161,254	602,307
Corn for grain . . . . . bushels	1,851,276,224	1,385,653,613	185,366,497	97,209,183
Irrigated . . . . . farms	416	285	32	15
Irrigated . . . . . acres	86,261	53,762	9,694	5,667
Farms by acres harvested:				
1 to 24 acres . . . . .	4,881	4,535	215	61
25 to 99 acres . . . . .	15,510	13,913	1,069	406
100 to 249 acres . . . . .	16,414	14,317	1,065	441
250 to 499 acres . . . . .	10,115	8,107	684	300
500 acres or more . . . . .	5,886	3,879	707	387
Corn for silage or greenchop . . . . . farms	6,909	5,622	754	286
Corn for silage or greenchop . . . . . acres	247,269	177,143	37,240	18,898
Corn for silage or greenchop . . . . . tons	4,726,816	3,376,434	699,694	376,829
Irrigated . . . . . farms	13	7	2	2
Irrigated . . . . . acres	514	(D)	(D)	(D)
Farms by acres harvested:				
1 to 24 acres . . . . .	4,025	3,467	348	111
25 to 99 acres . . . . .	2,387	1,844	308	120
100 to 249 acres . . . . .	393	251	78	40
250 to 499 acres . . . . .	92	57	17	13
500 acres or more . . . . .	12	3	3	2
Sorghum for grain . . . . . farms	38	23	6	5
Sorghum for grain . . . . . acres	2,355	(D)	1,080	(D)
Sorghum for grain . . . . . bushels	142,814	(D)	39,500	(D)
Irrigated . . . . . farms	-	-	-	-
Irrigated . . . . . acres	-	-	-	-
Farms by acres harvested:				
1 to 24 acres . . . . .	21	17	-	-
25 to 99 acres . . . . .	12	6	2	2
100 to 249 acres . . . . .	1	-	1	1
250 to 499 acres . . . . .	4	-	3	2
500 acres or more . . . . .	-	-	-	-
Wheat for grain, All . . . . . farms	412	316	41	21
Wheat for grain, All . . . . . acres	18,317	12,952	(D)	1,338
Wheat for grain, All . . . . . bushels	961,995	673,071	(D)	76,020
Irrigated . . . . . farms	1	-	1	1
Irrigated . . . . . acres	(D)	-	(D)	(D)
Farms by acres harvested:				
1 to 24 acres . . . . .	212	168	19	8
25 to 99 acres . . . . .	157	120	11	10
100 to 249 acres . . . . .	35	24	7	2
250 to 499 acres . . . . .	6	2	4	1
500 acres or more . . . . .	2	2	-	-
Barley for grain . . . . . farms	152	123	23	7
Barley for grain . . . . . acres	4,166	2,884	1,051	648
Barley for grain . . . . . bushels	241,818	169,044	53,279	31,458
Irrigated . . . . . farms	-	-	-	-
Irrigated . . . . . acres	-	-	-	-
Farms by acres harvested:				
1 to 24 acres . . . . .	98	83	11	1
25 to 99 acres . . . . .	49	38	10	5
100 to 249 acres . . . . .	3	1	1	-
250 to 499 acres . . . . .	2	1	1	1
500 acres or more . . . . .	-	-	-	-
Oats for grain . . . . . farms	6,963	6,007	603	200
Oats for grain . . . . . acres	143,513	120,442	14,863	5,831
Oats for grain . . . . . bushels	10,761,952	9,027,038	1,075,018	417,468
Irrigated . . . . . farms	1	1	1	1
Irrigated . . . . . acres	(D)	-	(D)	(D)
Farms by acres harvested:				
1 to 24 acres . . . . .	5,144	4,488	416	127
25 to 99 acres . . . . .	1,732	1,454	173	63
100 to 249 acres . . . . .	84	62	14	10
250 to 499 acres . . . . .	2	2	-	-
500 acres or more . . . . .	1	1	-	-
Flaxseed . . . . . farms	2	1	-	-
Flaxseed . . . . . acres	(D)	(D)	-	-
Flaxseed . . . . . bushels	(D)	(D)	-	-
Irrigated . . . . . farms	-	-	-	-
Irrigated . . . . . acres	-	-	-	-
Sunflower seed, All . . . . . farms	6	3	1	1
Sunflower seed, All . . . . . acres	(D)	(D)	(D)	(D)
Sunflower seed, All . . . . . pounds	(D)	(D)	(D)	(D)
Irrigated . . . . . farms	-	-	-	-
Irrigated . . . . . acres	-	-	-	-
Farms by acres harvested:				
1 to 24 acres . . . . .	4	2	-	-
25 to 99 acres . . . . .	1	-	-	-
100 to 249 acres . . . . .	1	1	-	-
250 to 499 acres . . . . .	1	-	1	1
500 acres or more . . . . .	-	-	-	-

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation				Other-cooperative, estate or trust, institutional, etc.	
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total		10 or less stockholders
<b>POULTRY - Con.</b>						
Turkeys inventory . . . . . farms	29	27	26	2	1	2
number	1,814,600	(D)	(D)	(D)	(D)	(D)
Turkeys sold . . . . . farms	32	29	28	3	2	1
number	5,460,085	(D)	(D)	(D)	(D)	(D)
<b>CROPS HARVESTED</b>						
Corn for grain . . . . . farms	4,038	3,937	3,858	101	93	277
acres	1,672,716	1,640,954	1,609,364	31,762	24,518	41,988
bushels	273,713,229	268,772,804	263,595,840	4,940,425	3,940,671	6,542,885
Irrigated . . . . . farms	92	87	84	5	3	7
acres	22,119	20,698	(D)	1,421	(D)	686
Farms by acres harvested:						
1 to 24 acres . . . . .	82	66	64	16	15	49
25 to 99 acres . . . . .	410	382	364	28	26	118
100 to 249 acres . . . . .	966	944	927	22	21	66
250 to 499 acres . . . . .	1,295	1,280	1,261	15	14	29
500 acres or more . . . . .	1,285	1,265	1,242	20	17	15
Corn for silage or greenchop . . . . . farms	513	507	498	6	6	20
acres	32,024	31,771	31,026	253	253	862
tons	635,109	630,192	615,213	4,917	4,917	15,579
Irrigated . . . . . farms	4	4	4	-	-	-
acres	80	80	80	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	200	197	195	3	3	10
25 to 99 acres . . . . .	228	226	222	2	2	7
100 to 249 acres . . . . .	61	60	57	1	1	3
250 to 499 acres . . . . .	18	18	18	-	-	-
500 acres or more . . . . .	6	6	6	-	-	-
Sorghum for grain . . . . . farms	7	6	6	1	-	2
acres	701	(D)	(D)	(D)	-	(D)
bushels	63,650	(D)	(D)	(D)	-	(D)
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	3	3	3	-	-	1
25 to 99 acres . . . . .	3	3	3	-	-	1
100 to 249 acres . . . . .	-	-	-	-	-	-
250 to 499 acres . . . . .	1	-	-	1	-	-
500 acres or more . . . . .	-	-	-	-	-	-
Wheat for grain, All . . . . . farms	53	50	50	3	3	2
acres	2,087	1,989	1,989	98	98	(D)
bushels	123,124	118,085	118,085	5,039	5,039	(D)
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	23	22	22	1	1	2
25 to 99 acres . . . . .	26	24	24	2	2	-
100 to 249 acres . . . . .	4	4	4	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-
Barley for grain . . . . . farms	6	6	6	-	-	-
acres	231	231	231	-	-	-
bushels	19,495	19,495	19,495	-	-	-
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	4	4	4	-	-	-
25 to 99 acres . . . . .	1	1	1	-	-	-
100 to 249 acres . . . . .	1	1	1	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-
Oats for grain . . . . . farms	332	321	316	11	8	21
acres	7,528	7,121	6,961	407	(D)	680
bushels	609,126	569,812	564,292	39,314	(D)	50,770
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	229	226	222	3	2	11
25 to 99 acres . . . . .	97	90	90	7	6	8
100 to 249 acres . . . . .	6	5	4	1	-	2
250 to 499 acres . . . . .	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-
Flaxseed . . . . . farms	-	-	-	-	-	1
acres	-	-	-	-	-	(D)
bushels	-	-	-	-	-	(D)
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Sunflower seed, All . . . . . farms	-	-	-	-	-	2
acres	-	-	-	-	-	(D)
pounds	-	-	-	-	-	(D)
Irrigated . . . . . farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres . . . . .	-	-	-	-	-	2
25 to 99 acres . . . . .	-	-	-	-	-	-
100 to 249 acres . . . . .	-	-	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>CROPS HARVESTED - Con.</b>				
Tobacco	3 farms	1	1	-
	8 acres	(D)	(D)	-
	17,678 pounds	(D)	(D)	-
Irrigated	- farms	-	-	-
	- acres	-	-	-
Farms by acres harvested:				
0.1 to 0.9 acres	-	-	-	-
1.0 to 1.9 acres	-	-	-	-
2.0 to 2.9 acres	2	1	-	-
3.0 to 4.9 acres	1	-	1	-
5.0 to 9.9 acres	-	-	-	-
10.0 to 24.9 acres	-	-	-	-
25.0 acres or more	-	-	-	-
Soybeans for beans	48,752 farms	41,161	3,444	1,498
	10,418,621 acres	7,915,613	974,097	508,069
	487,380,897 bushels	367,858,375	46,035,680	24,113,063
Irrigated	283 farms	202	13	6
	46,977 acres	30,229	4,114	1,864
Farms by acres harvested:				
1 to 24 acres	3,907	3,617	197	55
25 to 99 acres	15,373	13,688	1,094	428
100 to 249 acres	15,183	13,206	946	401
250 to 499 acres	9,371	7,405	635	293
500 acres or more	4,918	3,245	572	321
Dry edible beans, excluding limas	56 farms	46	5	2
	2,270 acres	1,678	437	(D)
	71,739 cwt	54,454	(D)	(D)
Irrigated	- farms	-	-	-
	- acres	-	-	-
Farms by acres harvested:				
1 to 24 acres	28	23	2	-
25 to 99 acres	22	18	2	1
100 to 249 acres	5	5	-	-
250 to 499 acres	1	-	1	1
500 acres or more	-	-	-	-
Potatoes	117 farms	106	7	3
	1,005 acres	(D)	(D)	1
	231,352 cwt	(D)	(D)	(D)
Irrigated	13 farms	9	3	-
	91 acres	(D)	1	-
Farms by acres harvested:				
0.1 to 4.9 acres	104	97	6	3
5.0 to 24.9 acres	6	5	1	-
25.0 to 99.9 acres	3	2	-	-
100.0 to 249.9 acres	3	2	-	-
250.0 acres or more	1	-	-	-
Sweet potatoes	18 farms	18	-	-
	8 acres	8	-	-
	639 cwt	639	-	-
Irrigated	3 farms	3	-	-
	(D) acres	(D)	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	33,406 farms	29,608	2,238	834
	1,533,027 acres	1,279,657	155,317	60,700
	5,177,896 tons, dry	4,243,069	558,218	218,137
Irrigated	28 farms	21	1	1
	1,424 acres	1,185	(D)	(D)
Farms by acres harvested:				
1 to 24 acres	15,567	14,254	714	286
25 to 99 acres	13,845	12,136	1,031	359
100 to 249 acres	3,500	2,878	397	146
250 to 499 acres	428	303	81	33
500 acres or more	66	37	15	10
Alfalfa hay	29,114 farms	25,746	2,021	750
	1,168,668 acres	979,577	116,864	45,782
	4,183,945 tons, dry	3,454,746	439,225	172,068
Irrigated	22 farms	20	-	-
	1,214 acres	(D)	-	-
Other tame hay	5,579 farms	4,992	326	110
	217,296 acres	183,562	20,592	7,761
	426,591 tons, dry	358,811	41,104	15,736
Irrigated	4 farms	2	-	-
	(D) acres	(D)	-	-
Land used for vegetables (see text)	752 farms	650	48	20
	9,268 acres	7,790	507	114
Irrigated	117 farms	100	9	2
	1,197 acres	1,090	(D)	(D)
Farms by acres harvested:				
0.1 to 4.9 acres	511	450	28	11
5.0 to 24.9 acres	163	139	13	7
25.0 to 99.9 acres	57	42	7	2
100.0 to 249.9 acres	15	13	-	-
250.0 acres or more	6	6	-	-
Snap beans harvested for sale	176 farms	165	6	1
	511 acres	(D)	2	(D)
Harvested for processing	15 farms	15	-	-
	262 acres	262	-	-

See footnote(s) at end of table.

--continued

**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.	
	Total	Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>CROPS HARVESTED - Con.</b>							
Tobacco	farms acres pounds (D)	1 (D)	1 (D)	-	-	-	
Irrigated	farms acres	-	-	-	-	-	
Farms by acres harvested:							
0.1 to 0.9 acres		-	-	-	-	-	
1.0 to 1.9 acres		-	-	-	-	-	
2.0 to 2.9 acres	1	1	-	-	-	-	
3.0 to 4.9 acres	-	-	-	-	-	-	
5.0 to 9.9 acres	-	-	-	-	-	-	
10.0 to 24.9 acres	-	-	-	-	-	-	
25.0 acres or more	-	-	-	-	-	-	
Soybeans for beans	farms acres bushels	3,908 1,491,886 71,796,164	3,816 1,464,245 70,455,413	3,740 1,436,746 69,151,238	92 27,641 1,340,751	83 21,513 1,051,456	239 37,025 1,690,678
Irrigated	farms acres	62 12,033	59 11,927	57 (D)	3 106	3 106	6 601
Farms by acres harvested:							
1 to 24 acres	67	58	55	9	8	26	
25 to 99 acres	481	449	427	32	30	110	
100 to 249 acres	970	955	943	15	13	61	
250 to 499 acres	1,302	1,286	1,265	16	16	29	
500 acres or more	1,088	1,068	1,050	20	16	13	
Dry edible beans, excluding limas	farms acres cwt (D)	4 (D)	4 (D)	4 (D)	-	-	1 (D) (D)
Irrigated	farms acres	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	2	2	2	-	-	1	
25 to 99 acres	2	2	2	-	-	-	
100 to 249 acres	-	-	-	-	-	-	
250 to 499 acres	-	-	-	-	-	-	
500 acres or more	-	-	-	-	-	-	
Potatoes	farms acres cwt	4 560 116,193	4 560 116,193	4 560 116,193	-	-	-
Irrigated	farms acres (D)	1 (D)	1 (D)	1 (D)	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres	1	1	1	-	-	-	
5.0 to 24.9 acres	-	-	-	-	-	-	
25.0 to 99.9 acres	1	1	1	-	-	-	
100.0 to 249.9 acres	1	1	1	-	-	-	
250.0 acres or more	1	1	1	-	-	-	
Sweet potatoes	farms acres cwt	-	-	-	-	-	-
Irrigated	farms acres	-	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	farms acres tons, dry	1,434 90,995 355,836	1,399 88,542 348,201	1,379 87,739 345,687	35 2,453 7,635	30 1,215 4,198	126 7,058 20,773
Irrigated	farms acres (D)	6 (D)	6 (D)	5 (D)	-	-	-
Farms by acres harvested:							
1 to 24 acres	540	524	511	16	14	59	
25 to 99 acres	628	615	611	13	13	50	
100 to 249 acres	213	210	207	3	3	12	
250 to 499 acres	41	38	38	3	3	3	
500 acres or more	12	12	12	-	-	2	
Alfalfa hay	farms acres tons, dry	1,241 67,933 274,955	1,210 66,126 268,630	1,193 65,684 267,040	31 1,807 6,325	27 (D) (D)	106 4,294 15,019
Irrigated	farms acres (D)	2 (D)	2 (D)	1 (D)	-	-	-
Other tame hay	farms acres tons, dry	238 11,060 24,250	234 10,424 22,961	231 (D) (D)	4 636 1,289	3 (D) (D)	23 2,082 2,426
Irrigated	farms acres (D)	2 (D)	2 (D)	2 (D)	-	-	-
Land used for vegetables (see text)	farms acres	45 951	42 929	39 923	3 22	1 (D)	9 20
Irrigated	farms acres (D)	7 (D)	6 (D)	5 80	1 (D)	1 (D)	1 (D)
Farms by acres harvested:							
0.1 to 4.9 acres	25	24	21	1	-	8	
5.0 to 24.9 acres	10	8	8	2	1	1	
25.0 to 99.9 acres	8	8	8	-	-	-	
100.0 to 249.9 acres	2	2	2	-	-	-	
250.0 acres or more	-	-	-	-	-	-	
Snap beans harvested for sale	farms acres (D)	5 (D)	5 (D)	5 (D)	-	-	-
Harvested for processing	farms acres	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>CROPS HARVESTED - Con.</b>				
Land used for vegetables (see text) - Con.				
Peas, green, harvested for sale	46	42	3	-
farms			(D)	-
acres	1,140	1,060	-	-
Harvested for processing	6	6	-	-
farms			-	-
acres	493	493	-	-
Sweet corn harvested for sale	462	399	33	12
farms				
acres	4,876	4,302	273	78
Harvested for processing	58	56	1	-
farms			(D)	-
acres	1,891	(D)	-	-
Tomatoes harvested for sale	288	269	11	2
farms			(D)	(D)
acres	205	196	-	-
Harvested for processing	25	25	-	-
farms			-	-
acres	17	17	-	-
Field and grass seed crops, All	87	80	5	2
farms			(D)	(D)
acres	2,757	2,514	-	-
Irrigated	-	-	-	-
farms			-	-
acres	-	-	-	-
All land in orchards	493	424	30	15
farms				
acres	3,141	1,978	215	130
Irrigated	26	20	5	1
farms			(D)	(D)
acres	(D)	27	8	-
Farms by bearing and nonbearing acres:				
0.1 to 4.9 acres	352	320	13	5
5.0 to 24.9 acres	117	91	17	10
25.0 to 99.9 acres	21	12	-	-
100.0 to 249.9 acres	2	1	-	-
250.0 acres or more	1	-	-	-
Apples	344	299	13	8
farms				
Bearing and nonbearing acres	2,025	1,033	126	92
Grapes	133	114	8	4
farms				
Bearing and nonbearing acres	154	118	25	19
Peaches, All	61	54	2	-
farms			(D)	-
Bearing and nonbearing acres	23	20	-	-
Pecans	15	12	1	1
farms			(D)	(D)
Bearing and nonbearing acres	15	15	-	-
Walnuts, English	26	22	2	-
farms			(D)	-
Bearing and nonbearing acres	122	117	-	-
Land in berries harvested for sale (see text)	168	144	9	2
farms			(D)	(D)
acres	228	192	-	-
Irrigated	53	42	6	1
farms			(D)	(D)
acres	116	93	-	-

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation				Other-cooperative, estate or trust, institutional, etc.	
	Total	Family held		Other than family held		
		Total	10 or less stockholders	Total		10 or less stockholders
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) - Con.						
Peas, green, harvested for sale	farms 1	1	1	-	-	-
	acres (D)	(D)	(D)	-	-	-
Harvested for processing	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Sweet corn harvested for sale	farms 26	26	25	-	-	4
	acres 298	298	(D)	-	-	3
Harvested for processing	farms 1	1	1	-	-	-
	acres (D)	(D)	(D)	-	-	-
Tomatoes harvested for sale	farms 6	6	6	-	-	2
	acres 5	5	5	-	-	(D)
Harvested for processing	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
Field and grass seed crops, All	farms 1	1	1	-	-	1
	acres (D)	(D)	(D)	-	-	(D)
Irrigated	farms -	-	-	-	-	-
	acres -	-	-	-	-	-
All land in orchards	farms 34	29	29	5	4	5
	acres 930	898	898	32	(D)	18
Irrigated	farms 1	1	1	-	-	-
	acres (D)	(D)	(D)	-	-	-
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	15	13	13	2	2	4
5.0 to 24.9 acres	8	5	5	3	2	1
25.0 to 99.9 acres	9	9	9	-	-	-
100.0 to 249.9 acres	1	1	1	-	-	-
250.0 acres or more	1	1	1	-	-	-
Apples	farms 28	24	24	4	3	4
	Bearing and nonbearing acres 850	829	829	21	(D)	16
Grapes	farms 7	7	7	-	-	4
	Bearing and nonbearing acres 9	9	9	-	-	2
Peaches, All	farms 4	3	3	1	1	1
	Bearing and nonbearing acres (D)	(D)	(D)	(D)	(D)	(D)
Pecans	farms 1	1	1	-	-	1
	Bearing and nonbearing acres (D)	(D)	(D)	-	-	(D)
Walnuts, English	farms 1	1	1	-	-	1
	Bearing and nonbearing acres (D)	(D)	(D)	-	-	(D)
Land in berries harvested for sale (see text)	farms 12	11	10	1	1	3
	acres (D)	(D)	27	(D)	(D)	(D)
Irrigated	farms 5	4	4	1	1	-
	acres (D)	20	20	(D)	(D)	-

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 59. Summary by North American Industry Classification System: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>FARMS AND LAND IN FARMS</b>									
Farms . . . . . number	90,655	42,509	317	284	580	18,891	-	-	18,891
Land in farms . . . . . acres	31,729,490	21,906,067	29,730	19,332	32,664	2,041,879	-	-	2,041,879
Average size of farm . . . . . acres	350	515	94	68	56	108	-	-	108
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>									
Total (see text) . . . . . farms	90,655	42,509	317	284	580	18,891	-	-	18,891
\$1,000	12,812,531	5,942,543	16,610	4,281	79,590	194,546	-	-	194,546
Average per farm . . . . . dollars	141,333	139,795	52,399	15,073	137,225	10,298	-	-	10,298
Farms by economic class:									
Less than \$1,000 (see text) . . . . .	5,250	682	14	61	55	1,740	-	-	1,740
\$1,000 to \$2,499 . . . . .	8,594	781	28	28	47	5,816	-	-	5,816
\$2,500 to \$4,999 . . . . .	6,906	916	54	35	55	3,894	-	-	3,894
\$5,000 to \$9,999 . . . . .	7,692	1,583	56	53	65	3,460	-	-	3,460
\$10,000 to \$24,999 . . . . .	11,568	4,901	64	59	115	2,722	-	-	2,722
\$25,000 to \$49,999 . . . . .	10,417	6,829	44	35	69	702	-	-	702
\$50,000 to \$99,999 . . . . .	11,850	8,753	26	7	58	318	-	-	318
\$100,000 to \$249,999 . . . . .	15,240	11,088	16	4	63	178	-	-	178
\$250,000 to \$499,999 . . . . .	8,128	5,277	7	2	23	47	-	-	47
\$500,000 to \$999,999 . . . . .	3,420	1,451	6	-	13	10	-	-	10
\$1,000,000 or more . . . . .	1,590	248	2	-	17	4	-	-	4
\$1,000,000 to \$2,499,999 . . . . .	1,312	238	2	-	11	4	-	-	4
\$2,500,000 to \$4,999,999 . . . . .	168	6	-	-	4	-	-	-	-
\$5,000,000 or more . . . . .	110	4	-	-	2	-	-	-	-
Total sales (see text) . . . . . farms	90,655	42,509	317	284	580	18,891	-	-	18,891
\$1,000	12,273,634	5,613,504	16,055	3,937	79,149	104,084	-	-	104,084
Grains, oilseeds, dry beans, and dry peas <sup>1</sup> . . . . . farms									
\$1,000	55,294	41,907	62	10	32	1,099	-	-	1,099
Sales of \$50,000 or more . . . . . farms	5,858,528	5,012,015	2,048	68	714	28,600	-	-	28,600
\$1,000	29,658	24,739	10	-	3	133	-	-	133
Tobacco . . . . . farms	5,334,562	4,626,471	1,547	-	307	16,854	-	-	16,854
\$1,000	3	2	-	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	29	(D)	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms	-	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms	757	168	317	36	40	62	-	-	62
\$1,000	19,491	2,763	13,303	(D)	(D)	887	-	-	887
Sales of \$50,000 or more . . . . . farms	77	16	47	2	1	4	-	-	4
\$1,000	13,401	1,393	10,320	(D)	(D)	276	-	-	276
Fruits, tree nuts, and berries . . . . . farms	412	22	51	223	17	35	-	-	35
\$1,000	4,496	294	(D)	3,412	(D)	306	-	-	306
Sales of \$50,000 or more . . . . . farms	13	1	1	8	1	2	-	-	2
\$1,000	1,313	(D)	(D)	992	(D)	(D)	-	-	(D)
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms	554	36	34	6	433	19	-	-	19
\$1,000	77,610	520	148	20	76,426	314	-	-	314
Sales of \$50,000 or more . . . . . farms	165	2	-	-	159	3	-	-	3
\$1,000	72,506	(D)	-	-	72,022	(D)	-	-	(D)
Cut Christmas trees and short-rotation woody crops . . . . . farms	215	29	1	5	155	10	-	-	10
\$1,000	1,424	241	(D)	15	1,052	55	-	-	55
Sales of \$50,000 or more . . . . . farms	2	2	-	-	-	-	-	-	-
\$1,000	(D)	(D)	-	-	-	-	-	-	-
Other crops and hay (see text) . . . . . farms	12,703	5,857	36	16	24	3,970	-	-	3,970
\$1,000	109,695	45,546	104	27	24	48,629	-	-	48,629
Sales of \$50,000 or more . . . . . farms	319	109	-	-	-	179	-	-	179
\$1,000	29,955	8,235	-	-	-	19,479	-	-	19,479
Cattle and calves . . . . . farms	29,515	10,399	27	7	15	868	-	-	868
\$1,000	2,119,935	307,427	176	16	239	16,958	-	-	16,958
Sales of \$50,000 or more . . . . . farms	6,374	1,608	1	2	2	71	-	-	71
\$1,000	1,770,185	164,905	(D)	-	(D)	7,894	-	-	7,894
Milk and other dairy products from cows . . . . . farms	2,913	214	-	2	-	25	-	-	25
\$1,000	442,431	11,068	-	(D)	-	1,579	-	-	1,579
Sales of \$50,000 or more . . . . . farms	1,969	70	-	-	-	14	-	-	14
\$1,000	419,340	7,862	-	-	-	1,409	-	-	1,409
Hogs and pigs . . . . . farms	11,275	3,186	7	1	3	134	-	-	134
\$1,000	3,078,455	225,172	26	(D)	(D)	6,075	-	-	6,075
Sales of \$50,000 or more . . . . . farms	7,453	1,535	-	-	-	41	-	-	41
\$1,000	3,007,680	193,788	-	-	-	4,941	-	-	4,941
Sheep, goats, and their products . . . . . farms	3,842	1,214	25	9	13	174	-	-	174
\$1,000	23,366	4,601	22	(D)	(D)	222	-	-	222
Sales of \$50,000 or more . . . . . farms	63	5	-	-	1	-	-	-	-
\$1,000	10,411	331	-	-	(D)	-	-	-	-
Horses, ponies, mules, burros, and donkeys . . . . . farms	2,845	470	3	1	4	133	-	-	133
\$1,000	13,643	1,684	4	(D)	(D)	327	-	-	327
Sales of \$50,000 or more . . . . . farms	23	2	-	-	-	-	-	-	-
\$1,000	2,415	(D)	-	-	-	-	-	-	-
Poultry and eggs . . . . . farms	1,572	303	26	12	15	93	-	-	93
\$1,000	511,949	1,893	14	4	3	45	-	-	45
Sales of \$50,000 or more . . . . . farms	222	12	-	-	-	-	-	-	-
\$1,000	509,004	1,421	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>FARMS AND LAND IN FARMS</b>							
Farms . . . . . number	10,065	4,259	2,306	5,742	442	1,098	4,162
Land in farms . . . . . acres	2,155,985	1,796,021	701,456	2,100,826	68,374	54,066	823,090
Average size of farm . . . . . acres	214	422	304	366	155	49	198
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>							
Total (see text) . . . . . farms	10,065	4,259	2,306	5,742	442	1,098	4,162
\$1,000	456,676	1,539,043	547,402	3,140,301	525,259	15,571	350,706
Average per farm . . . . . dollars	45,373	361,363	237,382	546,900	1,188,370	14,182	84,264
Farms by economic class:							
Less than \$1,000 (see text) . . . . .	937	33	22	51	108	227	1,320
\$1,000 to \$2,499 . . . . .	735	162	3	80	51	289	574
\$2,500 to \$4,999 . . . . .	1,007	195	3	58	26	209	454
\$5,000 to \$9,999 . . . . .	1,545	260	11	88	17	175	379
\$10,000 to \$24,999 . . . . .	2,557	446	82	170	21	104	327
\$25,000 to \$49,999 . . . . .	1,552	495	198	276	17	45	155
\$50,000 to \$99,999 . . . . .	895	530	451	586	15	25	186
\$100,000 to \$249,999 . . . . .	530	745	968	1,293	24	13	318
\$250,000 to \$499,999 . . . . .	168	628	381	1,300	31	7	257
\$500,000 to \$999,999 . . . . .	92	401	132	1,132	36	3	144
\$1,000,000 or more . . . . .	47	364	55	708	96	1	48
\$1,000,000 to \$2,499,999 . . . . .	41	281	40	595	55	1	44
\$2,500,000 to \$4,999,999 . . . . .	5	53	8	71	17	-	4
\$5,000,000 or more . . . . .	1	30	7	42	24	-	-
Total sales (see text) . . . . . farms	10,065	4,259	2,306	5,742	442	1,098	4,162
\$1,000	432,084	1,512,797	527,833	3,106,693	524,153	14,296	339,049
Grains, oilseeds, dry beans, and dry peas <sup>1</sup> . . . . . farms							
\$1,000	2,958	2,772	1,323	3,821	120	83	1,107
Sales of \$50,000 or more . . . . . farms	67,985	205,872	45,796	385,566	9,766	1,286	98,812
\$1,000	332	1,225	283	2,296	61	5	571
Sales of \$50,000 or more . . . . . farms	37,202	176,262	27,714	350,041	8,926	733	88,505
Tobacco . . . . . farms							
\$1,000	-	-	(D)	-	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms							
\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms							
\$1,000	23	12	22	36	7	6	28
Sales of \$50,000 or more . . . . . farms	(D)	241	197	1,025	92	(D)	169
\$1,000	-	1	1	4	1	-	-
Sales of \$50,000 or more . . . . . farms	-	(D)	(D)	898	(D)	-	-
Fruits, tree nuts, and berries . . . . . farms							
\$1,000	9	4	7	6	8	-	10
Sales of \$50,000 or more . . . . . farms	28	11	(D)	31	25	-	15
\$1,000	-	-	-	-	-	-	-
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms							
\$1,000	3	4	5	5	1	-	8
Sales of \$50,000 or more . . . . . farms	29	53	(D)	70	(D)	-	14
\$1,000	-	-	-	1	-	-	-
Cut Christmas trees and short-rotation woody crops . . . . . farms							
\$1,000	5	1	-	3	1	1	4
Sales of \$50,000 or more . . . . . farms	14	(D)	-	15	(D)	(D)	9
\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	937	478	211	670	42	87	375
\$1,000	4,305	2,981	1,525	4,007	368	117	2,062
Sales of \$50,000 or more . . . . . farms	5	9	5	3	2	-	7
\$1,000	487	590	309	(D)	(D)	-	479
Cattle and calves . . . . . farms							
\$1,000	9,112	4,259	2,109	1,427	56	81	1,155
Sales of \$50,000 or more . . . . . farms	338,992	1,221,667	61,500	71,819	1,399	750	98,995
\$1,000	1,214	2,400	251	341	6	5	475
Sales of \$50,000 or more . . . . . farms	233,691	1,188,652	32,721	53,883	823	(D)	87,008
Milk and other dairy products from cows . . . . . farms							
\$1,000	177	41	2,282	60	23	-	89
Sales of \$50,000 or more . . . . . farms	7,846	4,381	405,812	3,994	(D)	-	7,393
\$1,000	45	18	1,757	25	2	-	38
Sales of \$50,000 or more . . . . . farms	5,714	3,898	390,901	(D)	(D)	-	6,197
\$1,000	304	599	281	5,717	40	31	972
Sales of \$50,000 or more . . . . . farms	10,613	75,280	12,181	2,636,471	6,940	416	105,297
\$1,000	61	312	87	4,813	24	4	576
Sales of \$50,000 or more . . . . . farms	8,767	70,397	9,024	2,616,885	6,810	359	96,709
\$1,000	480	199	62	248	38	1,077	303
Sales of \$50,000 or more . . . . . farms	1,014	1,206	211	1,828	(D)	11,567	2,556
\$1,000	-	2	1	6	-	33	14
Sales of \$50,000 or more . . . . . farms	(D)	(D)	(D)	940	-	6,829	1,479
Horses, ponies, mules, burros, and donkeys . . . . . farms							
\$1,000	305	95	81	96	9	24	1,624
Sales of \$50,000 or more . . . . . farms	864	(D)	284	(D)	(D)	36	9,632
\$1,000	-	2	-	1	-	-	18
Sales of \$50,000 or more . . . . . farms	-	(D)	-	(D)	-	-	2,115
Poultry and eggs . . . . . farms							
\$1,000	201	105	76	83	421	81	156
Sales of \$50,000 or more . . . . . farms	230	688	246	979	505,160	90	2,599
\$1,000	-	2	1	4	194	9	9
Sales of \$50,000 or more . . . . . farms	-	(D)	(D)	913	503,943	-	2,120

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>									
Total (see text) - Con.									
Total sales (see text) - Con.									
Aquaculture (see text) . . . . . farms	47	6	-	2	5	2	-	-	2
\$1,000	2,308	(D)	-	(D)	17	(D)	-	-	(D)
Sales of \$50,000 or more . . . . . farms	10	-	-	-	-	-	-	-	-
\$1,000	2,131	-	-	-	-	-	-	-	-
Other animals and other animal products (see text) . . . . . farms	563	75	10	8	5	39	-	-	39
\$1,000	10,276	249	4	2	2	(D)	-	-	(D)
Sales of \$50,000 or more . . . . . farms	36	-	-	-	-	-	-	-	-
\$1,000	7,787	-	-	-	-	-	-	-	-
Government payments . . . . . farms	63,074	32,498	92	101	102	16,269	-	-	16,269
\$1,000	538,896	329,039	555	343	441	90,462	-	-	90,462
Value of -									
Certified organically produced commodities (see text) . . . . . farms	402	197	15	2	2	43	-	-	43
\$1,000	13,333	7,172	204	(D)	(D)	481	-	-	481
Landlord's share of total sales (see text) . . . . . farms	10,707	8,619	6	-	9	212	-	-	212
\$1,000	519,739	425,130	21	-	49	4,406	-	-	4,406
Agricultural products sold directly to individuals for human consumption (see text) . . . . . farms	2,455	539	195	90	52	147	-	-	147
\$1,000	11,651	2,392	1,580	938	443	607	-	-	607
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>									
Total farm production expenses . . . . . farms	90,648	42,636	277	267	662	19,207	-	-	19,207
\$1,000	10,303,448	4,353,579	9,486	2,626	53,179	200,358	-	-	200,358
Average per farm . . . . . dollars	113,664	102,110	34,244	9,834	80,331	10,431	-	-	10,431
Fertilizer, lime, and soil conditioners purchased . . . . . farms	61,514	39,802	176	177	361	4,365	-	-	4,365
\$1,000	665,890	528,624	505	82	729	8,568	-	-	8,568
Farms with expenses of-									
\$1 to \$4,999 . . . . .	28,624	14,363	143	177	330	3,963	-	-	3,963
\$5,000 to \$24,999 . . . . .	25,550	19,255	30	-	23	377	-	-	377
\$25,000 to \$49,999 . . . . .	5,538	4,628	1	-	3	17	-	-	17
\$50,000 or more . . . . .	1,802	1,556	2	-	5	8	-	-	8
Chemicals purchased . . . . . farms	54,776	34,204	192	164	463	5,601	-	-	5,601
\$1,000	464,509	370,301	517	87	854	5,742	-	-	5,742
Farms with expenses of-									
\$1 to \$4,999 . . . . .	29,778	14,434	167	163	433	5,397	-	-	5,397
\$5,000 to \$24,999 . . . . .	20,455	15,919	22	1	24	188	-	-	188
\$25,000 to \$49,999 . . . . .	3,719	3,167	1	-	3	13	-	-	13
\$50,000 or more . . . . .	824	684	2	-	3	3	-	-	3
Seeds, plants, vines, and trees . . . . . farms	59,724	38,501	237	158	514	5,470	-	-	5,470
\$1,000	603,316	470,010	617	119	9,644	9,081	-	-	9,081
Farms with expenses of-									
\$1 to \$999 . . . . .	11,754	3,405	159	140	290	3,926	-	-	3,926
\$1,000 to \$4,999 . . . . .	17,485	11,519	44	17	58	1,141	-	-	1,141
\$5,000 to \$24,999 . . . . .	24,681	18,894	31	-	103	371	-	-	371
\$25,000 to \$49,999 . . . . .	4,496	3,597	1	1	35	29	-	-	29
\$50,000 or more . . . . .	1,308	1,086	2	-	28	3	-	-	3
Livestock and poultry purchased . . . . . farms	25,756	8,539	73	1	2	822	-	-	822
\$1,000	1,854,227	130,688	(D)	(D)	(D)	4,239	-	-	4,239
Farms with expenses of-									
\$1 to \$4,999 . . . . .	12,317	4,816	73	1	2	736	-	-	736
\$5,000 to \$24,999 . . . . .	5,383	2,378	-	-	-	75	-	-	75
\$25,000 to \$99,999 . . . . .	4,095	1,107	-	-	-	7	-	-	7
\$100,000 to \$249,999 . . . . .	2,216	206	-	-	-	1	-	-	1
\$250,000 or more . . . . .	1,745	32	-	-	-	3	-	-	3
Breeding livestock purchased (see text) . . . . . farms	13,436	4,934	25	1	1	456	-	-	456
\$1,000	100,883	17,113	(D)	(D)	(D)	890	-	-	890
Other livestock and poultry purchased . . . . . farms	16,372	4,762	56	1	1	410	-	-	410
\$1,000	1,753,344	113,576	(D)	(D)	(D)	3,349	-	-	3,349
Feed purchased . . . . . farms	41,037	13,801	93	37	36	1,807	-	-	1,807
\$1,000	1,922,817	142,997	108	157	33	3,954	-	-	3,954
Farms with expenses of-									
\$1 to \$4,999 . . . . .	22,966	8,664	81	29	35	1,692	-	-	1,692
\$5,000 to \$24,999 . . . . .	8,952	3,598	12	8	1	76	-	-	76
\$25,000 to \$99,999 . . . . .	5,557	1,336	-	-	-	39	-	-	39
\$100,000 to \$249,999 . . . . .	1,952	192	-	-	-	-	-	-	-
\$250,000 or more . . . . .	1,610	11	-	-	-	-	-	-	-
Gasoline, fuels, and oils . . . . . farms	87,485	41,937	267	257	659	17,685	-	-	17,685
\$1,000	348,189	195,960	414	98	3,120	16,143	-	-	16,143
Farms with expenses of-									
\$1 to \$4,999 . . . . .	67,422	29,235	248	257	550	16,987	-	-	16,987
\$5,000 to \$24,999 . . . . .	18,367	11,976	15	-	93	667	-	-	667
\$25,000 to \$49,999 . . . . .	1,289	615	2	-	6	28	-	-	28
\$50,000 or more . . . . .	407	111	2	-	10	3	-	-	3

See footnote(s) at end of table.

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Table 59. Summary by North American Industry Classification System: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>							
Total (see text) - Con.							
Total sales (see text) - Con.							
Aquaculture (see text) . . . . . farms	3	-	1	2	-	1	25
\$1,000 (D)	-	-	(D)	(D)	-	(D)	2,244
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-	10
\$1,000	-	-	-	-	-	-	2,131
Other animals and other animal products (see text) . . . . . farms	39	17	17	17	11	24	301
\$1,000 (D)	13	13	39	(D)	19	25	9,253
Sales of \$50,000 or more . . . . . farms	-	-	-	1	-	-	35
\$1,000	-	-	-	(D)	-	-	(D)
Government payments . . . . . farms	4,568	2,645	1,484	3,330	155	438	1,392
\$1,000	24,592	26,247	19,570	33,608	1,106	1,275	11,657
Value of -							
Certified organically produced commodities (see text) . . . . . farms	25	28	33	21	9	4	23
\$1,000	250	660	1,541	683	964	(D)	1,271
Landlord's share of total sales (see text) . . . . . farms	466	387	176	620	18	16	178
\$1,000	8,538	28,581	10,038	31,802	4,087	50	7,039
Agricultural products sold directly to individuals for human consumption (see text) . . . . . farms	415	346	84	181	109	123	174
\$1,000	1,800	1,947	381	476	331	189	568
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>							
Total farm production expenses . . . . . farms	10,290	4,216	2,251	5,500	428	1,005	3,909
\$1,000	408,512	1,311,209	366,768	2,875,181	405,747	19,582	297,222
Average per farm . . . . . dollars	39,700	311,008	162,935	522,760	948,007	19,484	76,035
Fertilizer, lime, and soil conditioners purchased . . . . . farms	5,429	3,206	1,899	4,086	156	269	1,588
\$1,000	20,705	34,855	14,068	43,864	834	236	12,818
Farms with expenses of-							
\$1 to \$4,999 . . . . .	4,305	1,394	1,009	1,636	105	253	946
\$5,000 to \$24,999 . . . . .	1,026	1,452	805	1,997	47	16	522
\$25,000 to \$49,999 . . . . .	56	289	62	383	3	-	96
\$50,000 or more . . . . .	42	71	23	70	1	-	24
Chemicals purchased . . . . . farms	4,554	2,867	1,622	3,237	185	229	1,458
\$1,000	11,022	24,158	9,252	32,780	1,057	148	8,590
Farms with expenses of-							
\$1 to \$4,999 . . . . .	3,979	1,565	982	1,329	137	228	964
\$5,000 to \$24,999 . . . . .	519	1,089	611	1,624	40	1	417
\$25,000 to \$49,999 . . . . .	43	161	28	233	4	-	66
\$50,000 or more . . . . .	13	52	1	51	4	-	11
Seeds, plants, vines, and trees . . . . . farms	4,367	2,933	1,782	3,918	168	212	1,464
\$1,000	12,017	30,386	10,990	46,937	1,108	323	12,084
Farms with expenses of-							
\$1 to \$999 . . . . .	2,117	417	202	358	60	168	512
\$1,000 to \$4,999 . . . . .	1,604	943	854	914	49	21	321
\$5,000 to \$24,999 . . . . .	602	1,260	666	2,193	46	23	492
\$25,000 to \$49,999 . . . . .	36	237	53	376	12	-	119
\$50,000 or more . . . . .	8	76	7	77	1	-	20
Livestock and poultry purchased . . . . . farms	4,730	3,195	970	4,870	327	620	1,607
\$1,000	103,452	673,586	22,409	779,140	66,313	4,186	70,152
Farms with expenses of-							
\$1 to \$4,999 . . . . .	3,136	806	537	640	138	513	919
\$5,000 to \$24,999 . . . . .	1,068	597	244	706	43	72	200
\$25,000 to \$99,999 . . . . .	318	663	146	1,483	54	24	293
\$100,000 to \$249,999 . . . . .	113	537	28	1,140	46	10	135
\$250,000 or more . . . . .	95	592	15	901	46	1	60
Breeding livestock purchased (see text) . . . . . farms	3,222	1,167	819	1,568	106	388	749
\$1,000	11,521	8,167	12,572	44,994	833	782	3,983
Other livestock and poultry purchased . . . . . farms	2,323	2,716	266	4,026	291	347	1,173
\$1,000	91,931	665,418	9,836	734,147	65,479	3,404	66,169
Feed purchased . . . . . farms	9,118	3,981	2,067	5,369	418	957	3,353
\$1,000	53,670	227,126	87,909	1,108,789	231,102	5,453	61,517
Farms with expenses of-							
\$1 to \$4,999 . . . . .	6,917	1,496	401	329	237	796	2,289
\$5,000 to \$24,999 . . . . .	1,797	1,385	730	699	17	135	494
\$25,000 to \$99,999 . . . . .	345	658	764	1,969	7	10	429
\$100,000 to \$249,999 . . . . .	45	217	129	1,205	31	16	117
\$250,000 or more . . . . .	14	225	43	1,167	126	-	24
Gasoline, fuels, and oils . . . . . farms	9,957	4,136	2,223	5,465	399	956	3,544
\$1,000	17,083	24,629	14,698	58,428	7,013	654	9,948
Farms with expenses of-							
\$1 to \$4,999 . . . . .	9,240	2,853	1,243	2,595	267	934	3,013
\$5,000 to \$24,999 . . . . .	678	1,103	909	2,362	76	22	466
\$25,000 to \$49,999 . . . . .	31	135	56	342	18	-	56
\$50,000 or more . . . . .	8	45	15	166	38	-	9

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>									
Total farm production expenses - Con.									
Utilities (see text) . . . . . farms	62,217	32,911	158	142	401	6,601	-	-	6,601
\$1,000	215,675	88,600	411	139	2,172	8,455	-	-	8,455
Farms with expenses of-									
\$1 to \$999 . . . . .	21,787	9,394	88	116	182	4,686	-	-	4,686
\$1,000 to \$4,999 . . . . .	30,383	19,189	53	24	123	1,525	-	-	1,525
\$5,000 to \$24,999 . . . . .	9,238	4,236	11	1	83	374	-	-	374
\$25,000 to \$49,999 . . . . .	551	67	5	1	6	15	-	-	15
\$50,000 or more . . . . .	258	25	1	-	7	1	-	-	1
Supplies, repairs, and maintenance . . . . . farms	81,393	39,568	251	247	615	15,235	-	-	15,235
\$1,000	646,011	340,348	1,844	337	5,221	33,488	-	-	33,488
Farms with expenses of-									
\$1 to \$4,999 . . . . .	49,261	19,803	187	236	457	13,683	-	-	13,683
\$5,000 to \$24,999 . . . . .	26,872	17,251	45	11	119	1,375	-	-	1,375
\$25,000 to \$49,999 . . . . .	3,626	1,873	12	-	21	131	-	-	131
\$50,000 or more . . . . .	1,634	641	7	-	18	46	-	-	46
Hired farm labor . . . . . farms	28,135	15,660	100	54	382	1,850	-	-	1,850
\$1,000	409,190	133,829	1,348	469	19,030	8,200	-	-	8,200
Farms with expenses of-									
\$1 to \$4,999 . . . . .	18,752	10,717	87	28	236	1,563	-	-	1,563
\$5,000 to \$24,999 . . . . .	5,901	3,420	9	25	58	190	-	-	190
\$25,000 to \$99,999 . . . . .	2,840	1,400	1	-	50	96	-	-	96
\$100,000 to \$249,999 . . . . .	480	116	1	1	21	-	-	-	-
\$250,000 or more . . . . .	162	7	2	-	17	1	-	-	1
Contract labor . . . . . farms	6,425	2,964	48	42	97	1,026	-	-	1,026
\$1,000	37,829	10,808	526	34	537	2,602	-	-	2,602
Farms with expenses of-									
\$1 to \$999 . . . . .	2,376	1,079	15	33	9	452	-	-	452
\$1,000 to \$4,999 . . . . .	2,856	1,433	10	9	59	431	-	-	431
\$5,000 to \$24,999 . . . . .	959	398	10	-	28	141	-	-	141
\$25,000 to \$49,999 . . . . .	115	34	13	-	-	2	-	-	2
\$50,000 or more . . . . .	119	20	-	-	1	-	-	-	-
Customwork and custom hauling . . . . . farms	30,366	17,485	19	54	48	2,613	-	-	2,613
\$1,000	160,788	94,450	(D)	(D)	(D)	3,850	-	-	3,850
Farms with expenses of-									
\$1 to \$999 . . . . .	10,046	4,531	17	44	29	1,834	-	-	1,834
\$1,000 to \$4,999 . . . . .	12,204	7,771	1	16	58	587	-	-	587
\$5,000 to \$24,999 . . . . .	7,189	4,634	1	10	2	172	-	-	172
\$25,000 to \$49,999 . . . . .	622	400	-	-	-	20	-	-	20
\$50,000 or more . . . . .	305	149	-	-	1	-	-	-	-
Cash rent for land, buildings, and grazing fees . . . . . farms	34,940	23,297	55	15	69	1,114	-	-	1,114
\$1,000	1,182,053	897,842	246	16	828	7,933	-	-	7,933
Farms with expenses of-									
\$1 to \$4,999 . . . . .	8,577	3,600	33	15	30	778	-	-	778
\$5,000 to \$9,999 . . . . .	3,994	2,627	19	-	28	147	-	-	147
\$10,000 to \$24,999 . . . . .	8,380	6,279	2	-	2	86	-	-	86
\$25,000 or more . . . . .	13,989	10,791	1	-	9	103	-	-	103
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	8,558	5,533	4	26	25	335	-	-	335
\$1,000	68,636	48,451	96	(D)	104	768	-	-	768
Farms with expenses of-									
\$1 to \$999 . . . . .	2,228	1,200	-	18	9	221	-	-	221
\$1,000 to \$4,999 . . . . .	3,150	2,026	-	-	11	72	-	-	72
\$5,000 to \$24,999 . . . . .	2,605	1,895	2	8	4	41	-	-	41
\$25,000 to \$49,999 . . . . .	387	277	2	-	1	-	-	-	-
\$50,000 or more . . . . .	188	135	-	-	-	1	-	-	1
Interest expense . . . . . farms	49,156	27,064	130	94	309	5,581	-	-	5,581
\$1,000	704,077	392,548	1,270	273	2,773	28,820	-	-	28,820
Farms with expenses of-									
\$1 to \$4,999 . . . . .	20,323	9,866	71	77	162	3,787	-	-	3,787
\$5,000 to \$24,999 . . . . .	21,382	12,891	51	17	122	1,649	-	-	1,649
\$25,000 to \$99,999 . . . . .	6,717	3,982	7	-	23	131	-	-	131
\$100,000 or more . . . . .	734	325	1	-	2	14	-	-	14
Secured by real estate . . . . . farms	36,961	19,684	107	92	241	4,432	-	-	4,432
\$1,000	456,338	255,335	1,000	229	1,914	25,510	-	-	25,510
Farms with expenses of-									
\$1 to \$999 . . . . .	4,282	1,781	15	49	48	743	-	-	743
\$1,000 to \$4,999 . . . . .	11,729	5,787	41	26	65	2,113	-	-	2,113
\$5,000 to \$24,999 . . . . .	16,613	9,544	45	17	118	1,446	-	-	1,446
\$25,000 to \$49,999 . . . . .	2,827	1,748	3	-	6	116	-	-	116
\$50,000 or more . . . . .	1,510	824	3	-	4	14	-	-	14
Not secured by real estate . . . . . farms	30,368	18,377	67	32	180	2,175	-	-	2,175
\$1,000	247,739	137,213	270	43	859	3,310	-	-	3,310
Farms with expenses of-									
\$1 to \$999 . . . . .	7,036	3,248	37	15	82	1,541	-	-	1,541
\$1,000 to \$4,999 . . . . .	10,724	7,126	24	17	67	441	-	-	441
\$5,000 to \$24,999 . . . . .	10,536	6,973	2	-	24	187	-	-	187
\$25,000 to \$49,999 . . . . .	1,521	854	1	-	5	3	-	-	3
\$50,000 or more . . . . .	551	176	3	-	2	3	-	-	3
Property taxes paid . . . . . farms	82,051	37,486	258	257	601	18,129	-	-	18,129
\$1,000	346,765	199,795	702	325	2,081	42,007	-	-	42,007
Farms with expenses of-									
\$1 to \$4,999 . . . . .	62,053	25,182	222	256	510	16,358	-	-	16,358
\$5,000 to \$9,999 . . . . .	12,542	7,647	19	-	44	1,278	-	-	1,278
\$10,000 to \$24,999 . . . . .	6,142	3,788	15	1	38	428	-	-	428
\$25,000 or more . . . . .	1,314	869	2	-	9	65	-	-	65

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
Utilities (see text) . . . . . farms	7,495	3,573	2,157	5,298	322	594	2,565
\$1,000	11,815	14,735	14,255	56,037	11,047	639	7,370
Farms with expenses of-							
\$1 to \$4,999 . . . . .	3,990	989	221	430	124	358	1,209
\$1,000 to \$4,999 . . . . .	3,216	1,798	895	2,315	50	234	961
\$5,000 to \$24,999 . . . . .	259	719	977	2,107	92	1	378
\$25,000 to \$49,999 . . . . .	27	51	53	290	23	1	12
\$50,000 or more . . . . .	3	16	11	156	33	-	5
Supplies, repairs, and maintenance . . . . . farms	9,316	4,081	2,168	5,376	405	839	3,292
\$1,000	37,216	47,608	37,526	105,215	13,587	2,031	21,589
Farms with expenses of-							
\$1 to \$4,999 . . . . .	7,219	2,095	651	1,565	257	752	2,356
\$5,000 to \$24,999 . . . . .	1,930	1,475	1,101	2,714	57	71	723
\$25,000 to \$49,999 . . . . .	124	343	310	647	37	3	125
\$50,000 or more . . . . .	43	168	106	450	54	13	88
Hired farm labor . . . . . farms	2,364	1,818	1,263	3,242	198	204	1,000
\$1,000	10,121	28,183	31,611	134,683	28,860	436	12,421
Farms with expenses of-							
\$1 to \$4,999 . . . . .	2,077	1,077	564	1,477	69	181	676
\$5,000 to \$24,999 . . . . .	215	421	413	903	39	14	194
\$25,000 to \$99,999 . . . . .	66	278	225	575	46	9	94
\$100,000 to \$249,999 . . . . .	4	35	44	204	20	-	34
\$250,000 or more . . . . .	2	7	17	83	24	-	2
Contract labor . . . . . farms	604	342	203	635	63	51	350
\$1,000	1,124	1,772	1,676	11,127	6,217	57	1,347
Farms with expenses of-							
\$1 to \$999 . . . . .	275	97	35	157	11	41	172
\$1,000 to \$4,999 . . . . .	286	156	87	233	8	10	134
\$5,000 to \$24,999 . . . . .	40	79	69	144	17	-	33
\$25,000 to \$49,999 . . . . .	3	7	2	42	10	-	2
\$50,000 or more . . . . .	-	3	10	59	17	-	9
Customwork and custom hauling . . . . . farms	3,416	1,705	1,292	2,398	86	209	1,041
\$1,000	7,774	12,718	10,268	25,990	1,656	(D)	3,526
Farms with expenses of-							
\$1 to \$999 . . . . .	1,862	364	146	561	32	135	491
\$1,000 to \$4,999 . . . . .	1,159	782	549	895	28	64	352
\$5,000 to \$24,999 . . . . .	374	476	533	783	17	10	177
\$25,000 to \$49,999 . . . . .	18	47	29	88	2	-	18
\$50,000 or more . . . . .	3	36	35	71	7	-	3
Cash rent for land, buildings, and grazing fees . . . . . farms	3,216	1,894	1,097	2,900	93	167	1,023
\$1,000	24,602	56,756	21,951	143,443	3,573	692	24,171
Farms with expenses of-							
\$1 to \$4,999 . . . . .	2,333	528	222	363	31	144	500
\$5,000 to \$9,999 . . . . .	306	215	229	315	4	12	92
\$10,000 to \$24,999 . . . . .	303	476	338	690	21	-	183
\$25,000 or more . . . . .	274	675	308	1,532	37	11	248
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	599	472	365	863	28	11	297
\$1,000	2,043	2,844	2,550	9,358	463	(D)	1,867
Farms with expenses of-							
\$1 to \$999 . . . . .	220	197	106	179	4	9	65
\$1,000 to \$4,999 . . . . .	273	120	143	362	14	1	128
\$5,000 to \$24,999 . . . . .	96	135	94	241	7	-	82
\$25,000 to \$49,999 . . . . .	8	16	12	49	-	1	21
\$50,000 or more . . . . .	2	4	10	32	3	-	1
Interest expense . . . . . farms	4,929	2,610	1,612	4,341	221	315	1,950
\$1,000	39,010	59,417	29,525	116,852	11,688	1,605	20,296
Farms with expenses of-							
\$1 to \$4,999 . . . . .	2,728	799	590	975	48	206	1,014
\$5,000 to \$24,999 . . . . .	1,880	1,109	649	2,118	92	97	707
\$25,000 to \$99,999 . . . . .	302	613	340	1,039	57	11	212
\$100,000 or more . . . . .	19	89	33	209	24	1	17
Secured by real estate . . . . . farms	3,902	1,795	1,268	3,466	204	233	1,537
\$1,000	27,684	28,620	19,128	74,141	8,047	1,153	13,577
Farms with expenses of-							
\$1 to \$999 . . . . .	617	190	156	334	20	35	294
\$1,000 to \$4,999 . . . . .	1,519	432	352	755	32	119	488
\$5,000 to \$24,999 . . . . .	1,547	829	577	1,674	95	77	644
\$25,000 to \$49,999 . . . . .	186	223	99	350	23	-	73
\$50,000 or more . . . . .	33	121	84	353	34	2	38
Not secured by real estate . . . . . farms	2,559	1,952	982	2,791	90	178	985
\$1,000	11,326	30,796	10,397	42,711	3,642	452	6,720
Farms with expenses of-							
\$1 to \$999 . . . . .	933	326	123	344	18	113	256
\$1,000 to \$4,999 . . . . .	1,068	465	384	686	16	54	376
\$5,000 to \$24,999 . . . . .	469	843	363	1,332	34	1	308
\$25,000 to \$49,999 . . . . .	65	189	77	272	12	10	33
\$50,000 or more . . . . .	24	129	35	157	10	-	12
Property taxes paid . . . . . farms	9,413	3,843	2,040	5,107	392	883	3,642
\$1,000	25,707	20,940	10,777	30,118	2,528	1,371	10,415
Farms with expenses of-							
\$1 to \$4,999 . . . . .	8,143	2,517	1,367	3,319	286	841	3,052
\$5,000 to \$9,999 . . . . .	909	809	431	1,000	40	22	343
\$10,000 to \$24,999 . . . . .	326	424	213	627	48	10	224
\$25,000 or more . . . . .	35	93	29	161	18	10	23

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)				
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>										
Total farm production expenses - Con.										
All other production expenses (see text) . . . . . farms	64,832	33,825	129	130	341	7,942	-	-	-	7,942
\$1,000	673,475	308,326	784	356	5,918	16,507	-	-	-	16,507
Farms with expenses of-										
\$1 to \$4,999 . . . . .	38,522	18,005	84	111	207	7,230	-	-	-	7,230
\$5,000 to \$24,999 . . . . .	20,805	13,308	39	18	87	645	-	-	-	645
\$25,000 to \$49,999 . . . . .	3,350	1,701	4	-	29	56	-	-	-	56
\$50,000 to \$99,999 . . . . .	1,423	646	1	1	8	7	-	-	-	7
\$100,000 or more . . . . .	732	165	1	-	10	4	-	-	-	4
Production expenses paid by landlords <sup>3</sup> . . . . . farms	10,057	7,573	27	-	18	503	-	-	-	503
\$1,000	169,575	126,181	61	-	19	1,356	-	-	-	1,356
Depreciation expenses claimed (see text) . . . . . farms	49,049	29,169	64	156	438	3,094	-	-	-	3,094
\$1,000	1,005,074	521,359	1,125	711	5,160	14,677	-	-	-	14,677
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>										
Net cash farm income of operations (see text) . . . . . farms										
\$1,000	90,648	42,636	277	267	662	19,207	-	-	-	19,207
Average per farm . . . . . dollars	2,863,769	1,801,003	6,636	841	25,935	50,148	-	-	-	50,148
Farms with net gains <sup>4</sup> . . . . . number	31,592	42,241	23,955	3,150	39,177	2,611	-	-	-	2,611
Average net gain . . . . . dollars	60,139	32,880	201	130	402	10,944	-	-	-	10,944
\$1,000	58,054	60,953	36,422	12,284	75,066	11,397	-	-	-	11,397
Gain of-										
Less than \$1,000 . . . . .	4,051	1,006	-	21	48	2,089	-	-	-	2,089
\$1,000 to \$4,999 . . . . .	9,046	3,007	45	28	42	3,586	-	-	-	3,586
\$5,000 to \$9,999 . . . . .	7,216	3,389	27	27	91	1,944	-	-	-	1,944
\$10,000 to \$24,999 . . . . .	11,948	6,787	67	31	93	2,275	-	-	-	2,275
\$25,000 to \$49,999 . . . . .	9,806	6,685	42	23	54	603	-	-	-	603
\$50,000 or more . . . . .	18,072	12,006	20	-	74	447	-	-	-	447
Farms with net losses . . . . . number	30,509	9,756	76	137	260	8,263	-	-	-	8,263
Average net loss . . . . . dollars	20,570	20,822	9,017	5,518	16,313	9,026	-	-	-	9,026
Loss of-										
Less than \$1,000 . . . . .	3,867	1,067	9	33	9	1,694	-	-	-	1,694
\$1,000 to \$4,999 . . . . .	9,849	2,666	25	76	99	3,115	-	-	-	3,115
\$5,000 to \$9,999 . . . . .	6,228	1,968	16	1	35	1,605	-	-	-	1,605
\$10,000 to \$24,999 . . . . .	5,386	1,977	25	18	85	1,111	-	-	-	1,111
\$25,000 to \$49,999 . . . . .	2,498	1,065	-	9	13	476	-	-	-	476
\$50,000 or more . . . . .	2,681	1,013	1	-	19	262	-	-	-	262
Net cash farm income of operators (see text) . . . . . farms	90,648	42,636	277	267	662	19,207	-	-	-	19,207
\$1,000	2,624,949	1,569,063	6,678	841	25,954	49,565	-	-	-	49,565
Average per farm . . . . . dollars	28,958	36,801	24,107	3,150	39,205	2,581	-	-	-	2,581
Operators reporting net gains <sup>4</sup> . . . . . farms	59,502	32,152	201	130	402	11,053	-	-	-	11,053
Average net gain . . . . . dollars	54,850	55,976	36,629	12,284	75,112	11,207	-	-	-	11,207
Gain of-										
Less than \$1,000 . . . . .	4,142	1,012	-	21	39	2,135	-	-	-	2,135
\$1,000 to \$4,999 . . . . .	9,385	3,334	27	28	51	3,646	-	-	-	3,646
\$5,000 to \$9,999 . . . . .	7,329	3,366	45	27	91	1,973	-	-	-	1,973
\$10,000 to \$24,999 . . . . .	12,387	7,266	67	31	93	2,277	-	-	-	2,277
\$25,000 to \$49,999 . . . . .	9,788	6,528	42	23	54	583	-	-	-	583
\$50,000 or more . . . . .	16,471	10,646	20	-	74	439	-	-	-	439
Operators reporting net losses . . . . . farms	31,146	10,484	76	137	260	8,154	-	-	-	8,154
Average net loss . . . . . dollars	20,508	22,002	9,008	5,518	16,313	9,112	-	-	-	9,112
Loss of-										
Less than \$1,000 . . . . .	3,888	1,071	9	33	9	1,664	-	-	-	1,664
\$1,000 to \$4,999 . . . . .	9,893	2,750	25	76	99	3,048	-	-	-	3,048
\$5,000 to \$9,999 . . . . .	6,261	2,005	16	1	35	1,594	-	-	-	1,594
\$10,000 to \$24,999 . . . . .	5,650	2,246	25	18	85	1,110	-	-	-	1,110
\$25,000 to \$49,999 . . . . .	2,629	1,224	-	9	13	476	-	-	-	476
\$50,000 or more . . . . .	2,825	1,188	1	-	19	262	-	-	-	262
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>										
Total . . . . . farms	17,025	12,814	17	-	5	200	-	-	-	200
\$1,000	709,718	575,823	73	-	38	2,180	-	-	-	2,180
<b>INCOME FROM FARM-RELATED SOURCES</b>										
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . . farms										
\$1,000	40,681	22,554	81	84	120	5,089	-	-	-	5,089
Customwork and other agricultural services . . . . . farms	339,770	171,383	455	397	1,013	64,985	-	-	-	64,985
\$1,000	10,771	7,247	13	1	9	385	-	-	-	385
Gross cash rent or share payments . . . . . farms	103,243	71,197	(D)	(D)	79	2,575	-	-	-	2,575
\$1,000	12,081	4,393	42	56	68	3,877	-	-	-	3,877
Sales of forest products, excluding Christmas trees and maple products . . . . . farms	170,001	64,957	312	355	734	58,520	-	-	-	58,520
\$1,000	688	208	5	8	10	175	-	-	-	175
Recreational services (see text) . . . . . farms	4,934	1,468	(D)	(D)	37	1,476	-	-	-	1,476
\$1,000	256	104	3	2	3	59	-	-	-	59
\$1,000	880	274	(D)	(D)	24	266	-	-	-	266

See footnote(s) at end of table.

--continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>FARM PRODUCTION EXPENSES</b> <sup>2</sup> - Con.							
Total farm production expenses - Con.							
All other production expenses (see text) . . . . . farms	7,775	3,521	2,014	5,247	310	723	2,875
\$1,000 . . . . .	31,150	51,496	47,303	172,419	18,699	1,406	19,110
Farms with expenses of-							
\$1 to \$4,999 . . . . .	6,219	1,781	573	1,595	151	611	1,955
\$5,000 to \$24,999 . . . . .	1,414	1,293	926	2,113	77	102	783
\$25,000 to \$49,999 . . . . .	89	265	337	757	28	9	75
\$50,000 to \$99,999 . . . . .	34	114	98	435	25	1	53
\$100,000 or more . . . . .	19	68	80	347	29	-	9
Production expenses paid by landlords <sup>3</sup> . . . . . farms	559	332	172	614	14	23	222
\$1,000 . . . . .	4,388	12,544	4,927	13,604	(D)	14	(D)
Depreciation expenses claimed (see text) . . . . . farms	4,931	2,863	1,778	4,346	219	382	1,609
\$1,000 . . . . .	52,057	68,074	50,774	228,527	30,298	3,559	28,753
<b>NET CASH FARM INCOME (SEE TEXT)</b> <sup>2</sup>							
Net cash farm income of operations (see text) . . . . . farms							
\$1,000 . . . . .	10,290	4,216	2,251	5,500	428	1,005	3,909
Average per farm . . . . . dollars	71,758	215,711	187,636	318,731	116,503	5,369	63,499
Farms with net gains <sup>4</sup> . . . . . number	6,974	51,165	83,357	57,951	272,202	5,342	16,244
Average net gain . . . . . dollars	5,129	2,718	2,002	3,816	206	343	1,368
Gain of-	25,304	103,701	99,523	127,286	598,380	27,655	68,712
Less than \$1,000 . . . . .	493	77	10	49	19	68	171
\$1,000 to \$4,999 . . . . .	1,264	349	102	230	16	86	291
\$5,000 to \$9,999 . . . . .	987	263	97	246	15	44	86
\$10,000 to \$24,999 . . . . .	1,158	436	266	569	5	34	227
\$25,000 to \$49,999 . . . . .	690	447	496	516	13	63	174
\$50,000 or more . . . . .	537	1,146	1,031	2,206	138	48	419
Farms with net losses . . . . . number	5,161	1,498	249	1,684	222	662	2,541
Average net loss . . . . . dollars	11,243	44,158	46,624	99,164	30,467	6,218	12,003
Loss of-							
Less than \$1,000 . . . . .	447	115	10	95	31	174	183
\$1,000 to \$4,999 . . . . .	2,011	399	6	154	54	295	949
\$5,000 to \$9,999 . . . . .	1,308	261	95	179	48	109	603
\$10,000 to \$24,999 . . . . .	916	324	46	270	48	43	523
\$25,000 to \$49,999 . . . . .	312	94	55	265	10	29	170
\$50,000 or more . . . . .	167	305	37	721	31	12	113
Net cash farm income of operators (see text) . . . . . farms	10,290	4,216	2,251	5,500	428	1,005	3,909
\$1,000 . . . . .	67,736	252,002	187,157	300,059	100,383	4,998	60,512
Average per farm . . . . . dollars	6,583	59,773	83,144	54,556	234,541	4,974	15,480
Operators reporting net gains <sup>4</sup> . . . . . farms	5,133	2,751	2,003	3,767	199	342	1,369
Average net gain . . . . . dollars	24,531	112,435	99,458	121,326	546,908	26,642	66,848
Gain of-							
Less than \$1,000 . . . . .	541	80	10	56	19	68	161
\$1,000 to \$4,999 . . . . .	1,266	336	102	221	16	86	272
\$5,000 to \$9,999 . . . . .	1,049	230	91	303	15	44	95
\$10,000 to \$24,999 . . . . .	1,106	484	262	513	7	34	247
\$25,000 to \$49,999 . . . . .	672	447	508	630	19	62	220
\$50,000 or more . . . . .	499	1,174	1,030	2,044	123	48	374
Operators reporting net losses . . . . . farms	5,157	1,465	248	1,733	229	663	2,540
Average net loss . . . . . dollars	11,282	39,116	48,620	90,580	36,905	6,204	12,206
Loss of-							
Less than \$1,000 . . . . .	433	104	10	149	31	174	201
\$1,000 to \$4,999 . . . . .	1,997	433	7	178	53	296	931
\$5,000 to \$9,999 . . . . .	1,304	256	96	203	50	109	592
\$10,000 to \$24,999 . . . . .	940	301	43	251	48	43	540
\$25,000 to \$49,999 . . . . .	319	94	55	243	12	29	155
\$50,000 or more . . . . .	164	277	37	709	35	12	121
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>							
Total . . . . . farms	654	862	497	1,508	26	37	405
\$1,000 . . . . .	7,977	30,074	8,596	68,667	1,194	172	14,924
<b>INCOME FROM FARM-RELATED SOURCES</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . . farms							
\$1,000 . . . . .	3,927	2,259	1,437	3,144	197	316	1,473
Customwork and other agricultural services . . . . . farms	28,364	19,943	8,405	29,619	2,387	1,860	10,959
\$1,000 . . . . .	684	704	337	1,019	33	30	309
Gross cash rent or share payments . . . . . farms	4,080	6,526	2,217	13,013	688	222	2,582
\$1,000 . . . . .	1,741	497	155	544	77	169	462
Sales of forest products, excluding Christmas trees and maple products . . . . . farms	20,512	8,683	1,331	8,367	935	1,520	3,773
\$1,000 . . . . .	118	47	54	26	5	5	27
Recreational services (see text) . . . . . farms	609	483	419	(D)	23	27	162
\$1,000 . . . . .	35	19	7	4	3	2	15
\$1,000 . . . . .	92	34	4	(D)	53	(D)	100

See footnote(s) at end of table.

--continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>									
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.									
Patronage dividends and refunds from cooperatives (see text) . . . . . farms	24,233	15,597	28	13	33	982	-	-	982
	\$1,000	16,638	(D)	(D)	8	454	-	-	454
Other farm-related income sources (see text) . . . . . farms	8,445	4,577	13	12	21	469	-	-	469
	\$1,000	16,849	43	26	131	1,693	-	-	1,693
<b>LAND USE</b>									
Total cropland . . . . . farms	84,755	42,506	317	284	580	18,079	-	-	18,079
	acres	27,153,291	19,856,709	19,482	6,354	19,536	1,370,183	-	1,370,183
Harvested cropland . . . . . farms	67,338	41,952	317	284	579	4,731	-	-	4,731
	acres	23,994,343	18,775,849	14,551	3,694	15,791	310,186	-	310,186
Farms by acres harvested:									
1 to 49 acres . . . . .	14,687	4,190	266	268	528	3,347	-	-	3,347
50 to 99 acres . . . . .	7,557	4,337	24	11	16	601	-	-	601
100 to 199 acres . . . . .	11,660	7,845	12	4	17	421	-	-	421
200 to 499 acres . . . . .	17,404	12,660	6	1	11	274	-	-	274
500 to 999 acres . . . . .	10,515	8,244	6	-	6	70	-	-	70
1,000 to 1,999 acres . . . . .	4,630	3,890	3	-	1	14	-	-	14
2,000 acres or more . . . . .	885	786	-	-	-	4	-	-	4
Cropland-									
For pasture or grazing only . . . . . farms	20,676	7,968	54	34	44	2,055	-	-	2,055
	acres	1,355,161	534,024	2,398	499	770	100,492	-	100,492
On which all crops failed . . . . . farms	1,395	658	27	13	4	240	-	-	240
	acres	45,029	23,080	157	136	23	9,409	-	9,409
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms	29,532	10,192	91	95	101	14,233	-	-	14,233
	acres	1,758,758	523,756	2,376	2,025	2,952	950,096	-	950,096
In cultivated summer fallow . . . . . farms	-	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Total woodland . . . . . farms	21,515	7,925	113	136	171	5,239	-	-	5,239
	acres	1,336,752	514,372	5,857	5,703	7,237	325,925	-	325,925
Woodland pastured . . . . . farms	9,809	3,223	32	26	20	1,176	-	-	1,176
	acres	548,815	197,306	1,176	715	197	54,532	-	54,532
Woodland not pastured . . . . . farms	14,593	5,734	90	118	158	4,419	-	-	4,419
	acres	787,937	317,066	4,681	4,988	7,040	271,393	-	271,393
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms	23,863	8,814	44	40	49	2,675	-	-	2,675
	acres	1,735,421	658,869	1,386	3,861	1,539	162,135	-	162,135
Land in house lots, ponds, roads, wasteland, etc. . . . . farms	56,291	27,373	209	198	321	8,039	-	-	8,039
	acres	1,504,026	876,117	3,005	3,414	4,352	183,636	-	183,636
Irrigated land . . . . . farms	976	415	79	29	278	51	-	-	51
	acres	142,109	124,169	1,219	121	3,881	1,378	-	1,378
Harvested cropland . . . . . farms	934	408	79	29	278	39	-	-	39
	acres	141,438	124,118	1,219	121	(D)	955	-	955
Pastureland and other land . . . . . farms	45	8	-	-	1	12	-	-	12
	acres	671	51	-	-	(D)	423	-	423
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>									
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms	30,454	11,321	56	69	69	13,673	-	-	13,673
	acres	1,694,138	558,930	2,881	2,816	2,241	813,429	-	813,429
Land used to raise certified organically produced crops (see text) . . . . . farms	364	186	15	2	2	42	-	-	42
	acres	46,557	30,592	71	(D)	(D)	3,190	-	3,190
Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms	45,205	33,190	48	20	48	1,692	-	-	1,692
	acres	19,609,071	15,870,054	9,948	655	4,618	163,793	-	163,793
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>									
Estimated market value of land and buildings . . . . . farms	90,648	42,636	277	267	662	19,207	-	-	19,207
	\$1,000	64,154,298	44,465,112	72,066	60,705	226,350	3,645,276	-	3,645,276
Average per farm . . . . . dollars	707,730	1,042,901	260,168	227,358	341,919	189,789	-	-	189,789
Average per acre . . . . . dollars	2,005	2,004	2,389	4,765	8,719	1,770	-	-	1,770
Farms by value group:									
\$1 to \$49,999 . . . . .	9,531	1,293	45	62	130	4,301	-	-	4,301
\$50,000 to \$99,999 . . . . .	9,784	2,048	22	48	157	4,113	-	-	4,113
\$100,000 to \$199,999 . . . . .	14,535	4,250	123	60	138	5,056	-	-	5,056
\$200,000 to \$499,999 . . . . .	22,282	10,536	65	77	133	4,633	-	-	4,633
\$500,000 to \$999,999 . . . . .	14,637	9,652	13	1	46	789	-	-	789
\$1,000,000 to \$1,999,999 . . . . .	11,607	8,401	3	18	31	217	-	-	217
\$2,000,000 to \$4,999,999 . . . . .	7,413	5,771	6	1	27	93	-	-	93
\$5,000,000 to \$9,999,999 . . . . .	793	629	-	-	-	5	-	-	5
\$10,000,000 or more . . . . .	66	56	-	-	-	-	-	-	-

See footnote(s) at end of table.

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Table 59. Summary by North American Industry Classification System: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.							
Patronage dividends and refunds from cooperatives (see text) . . . . . farms	1,760	1,537	1,168	2,197	99	139	680
\$1,000	1,010	1,750	3,217	2,839	618	(D)	611
Other farm-related income sources (see text) . . . . . farms	1,055	611	409	715	38	56	469
\$1,000	2,060	2,467	1,217	5,181	71	69	3,730
<b>LAND USE</b>							
Total cropland . . . . . farms							
8,372	3,827	2,194	4,627	286	747	2,936	
acres							
1,289,249	1,442,869	563,536	1,879,134	54,554	27,433	624,252	
Harvested cropland . . . . . farms							
6,895	3,537	2,144	4,263	198	427	2,011	
acres							
736,605	1,274,846	508,033	1,774,034	45,814	12,640	522,300	
Farms by acres harvested:							
1 to 49 acres . . . . .							
3,331	660	185	504	87	363	958	
50 to 99 acres . . . . .							
1,421	342	314	300	29	39	123	
100 to 199 acres . . . . .							
1,160	611	716	683	13	15	163	
200 to 499 acres . . . . .							
757	1,060	722	1,472	34	8	399	
500 to 999 acres . . . . .							
177	612	172	949	27	2	250	
1,000 to 1,999 acres . . . . .							
43	217	34	319	7	-	102	
2,000 acres or more . . . . .							
6	35	1	36	1	-	16	
Cropland-							
For pasture or grazing only . . . . . farms							
4,812	1,476	1,027	1,003	92	437	1,674	
acres							
406,631	123,780	43,573	56,813	3,736	7,217	75,228	
On which all crops failed . . . . . farms							
182	77	48	63	6	14	63	
acres							
4,915	2,301	1,450	2,068	167	110	1,213	
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms							
1,852	739	306	1,089	79	163	592	
acres							
141,098	41,942	10,480	46,219	4,837	7,466	25,511	
In cultivated summer fallow . . . . . farms							
-	-	-	-	-	-	-	
acres							
-	-	-	-	-	-	-	
Total woodland . . . . . farms							
3,657	1,067	850	786	118	259	1,194	
acres							
232,901	76,745	56,510	42,155	2,888	7,309	59,150	
Woodland pastured . . . . . farms							
2,774	718	554	365	52	136	733	
acres							
157,433	48,019	33,805	19,214	1,076	2,457	32,885	
Woodland not pastured . . . . . farms							
1,611	555	502	525	75	163	643	
acres							
75,468	28,726	22,705	22,941	1,812	4,852	26,265	
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms							
5,629	1,852	987	1,077	120	543	2,033	
acres							
491,364	183,650	48,589	74,059	2,701	12,590	94,678	
Land in house lots, ponds, roads, wasteland, etc. . . . . farms							
6,813	3,108	1,755	4,389	357	755	2,974	
acres							
142,471	92,757	32,821	105,478	8,231	6,734	45,010	
Irrigated land . . . . . farms							
23	26	10	43	5	1	16	
acres							
1,041	3,124	406	6,356	(D)	(D)	381	
Harvested cropland . . . . . farms							
11	23	9	43	4	-	11	
acres							
904	3,111	(D)	6,356	(D)	-	364	
Pastureland and other land . . . . . farms							
12	4	1	-	1	1	5	
acres							
137	13	(D)	-	(D)	(D)	17	
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms							
2,023	846	307	1,223	85	158	624	
acres							
159,041	50,153	12,890	50,386	4,274	9,125	27,972	
Land used to raise certified organically produced crops (see text) . . . . . farms							
17	19	33	16	9	2	21	
acres							
1,121	2,480	3,530	2,055	683	(D)	2,672	
Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms							
2,248	2,321	1,210	3,392	76	66	894	
acres							
357,075	963,865	270,489	1,537,592	32,534	5,075	393,373	
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>							
Estimated market value of land and buildings . . . . . farms							
10,290	4,216	2,251	5,500	428	1,005	3,909	
\$1,000							
3,112,925	3,263,606	1,521,533	5,643,847	242,623	151,864	1,748,389	
Average per farm . . . . . dollars							
302,519	774,100	675,937	1,026,154	566,877	151,109	447,273	
Average per acre . . . . . dollars							
1,445	1,884	2,157	2,713	3,279	3,268	1,980	
Farms by value group:							
\$1 to \$49,999 . . . . .							
1,528	353	138	461	105	291	824	
\$50,000 to \$99,999 . . . . .							
1,739	314	59	359	72	246	607	
\$100,000 to \$199,999 . . . . .							
2,372	627	250	478	60	294	827	
\$200,000 to \$499,999 . . . . .							
3,071	1,052	694	1,082	72	113	754	
\$500,000 to \$999,999 . . . . .							
990	803	686	1,156	52	50	399	
\$1,000,000 to \$1,999,999 . . . . .							
438	656	329	1,165	34	10	305	
\$2,000,000 to \$4,999,999 . . . . .							
145	375	78	710	26	1	180	
\$5,000,000 to \$9,999,999 . . . . .							
7	35	17	80	7	-	13	
\$10,000,000 or more . . . . .							
-	1	-	9	-	-	-	

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>									
Estimated market value of all machinery and equipment . . . . . farms	88,859	42,146	277	267	623	18,744	-	-	18,744
Estimated market value of all machinery and equipment . . . . . \$1,000	8,923,379	5,847,713	14,956	6,644	32,339	410,233	-	-	410,233
Farms by value group:									
\$1 to \$4,999 . . . . .	12,931	1,801	77	57	83	7,468	-	-	7,468
\$5,000 to \$9,999 . . . . .	7,986	1,765	41	79	78	3,334	-	-	3,334
\$10,000 to \$19,999 . . . . .	9,377	2,657	51	37	180	2,984	-	-	2,984
\$20,000 to \$49,999 . . . . .	17,755	8,563	43	47	170	3,262	-	-	3,262
\$50,000 to \$99,999 . . . . .	14,088	8,954	37	38	49	951	-	-	951
\$100,000 to \$199,999 . . . . .	12,846	8,570	18	8	38	491	-	-	491
\$200,000 to \$499,999 . . . . .	11,024	7,953	4	1	10	204	-	-	204
\$500,000 or more . . . . .	2,852	1,883	6	-	15	50	-	-	50
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>									
Tractors . . . . . farms	83,313	41,120	250	249	550	15,943	-	-	15,943
Tractors . . . . . number	266,070	154,381	651	660	1,445	31,482	-	-	31,482
Less than 40 horsepower (PTO) . . . . . farms	37,582	17,619	172	208	464	8,922	-	-	8,922
Less than 40 horsepower (PTO) . . . . . number	58,562	29,064	248	318	1,056	12,436	-	-	12,436
40 to 99 horsepower (PTO) . . . . . farms	60,593	31,046	172	171	154	9,914	-	-	9,914
40 to 99 horsepower (PTO) . . . . . number	106,497	55,862	270	287	317	14,791	-	-	14,791
100 horsepower (PTO) or more . . . . . farms	49,844	33,187	88	31	65	2,924	-	-	2,924
100 horsepower (PTO) or more . . . . . number	101,011	69,455	133	55	72	4,255	-	-	4,255
Grain and bean combines (see text) . . . . . farms	41,026	30,287	60	31	39	1,845	-	-	1,845
Grain and bean combines (see text) . . . . . number	44,901	33,176	69	44	40	2,017	-	-	2,017
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	-	-
Cotton pickers and strippers . . . . . number	-	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) . . . . . farms	2,773	1,253	1	17	-	159	-	-	159
Forage harvesters, self-propelled (see text) . . . . . number	2,912	1,309	(D)	26	-	163	-	-	163
Hay balers . . . . . farms	27,147	11,442	60	47	20	3,749	-	-	3,749
Hay balers . . . . . number	31,293	13,079	61	68	20	4,062	-	-	4,062
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>									
Commercial fertilizer, lime, and soil conditioners . . . . . farms	56,912	39,003	154	168	303	2,172	-	-	2,172
Commercial fertilizer, lime, and soil conditioners . . . . . acres treated	16,295,095	12,791,244	9,861	1,513	6,534	176,239	-	-	176,239
Manure . . . . . farms	26,512	12,928	51	40	74	1,065	-	-	1,065
Manure . . . . . acres treated	2,333,984	1,164,488	904	377	895	33,485	-	-	33,485
Acres treated with chemicals to control-									
Insects . . . . . farms	20,331	13,409	116	85	213	632	-	-	632
Insects . . . . . acres	3,714,004	2,748,750	3,441	686	(D)	33,193	-	-	33,193
Weeds, grass, or brush . . . . . farms	46,334	32,223	112	89	285	1,908	-	-	1,908
Weeds, grass, or brush . . . . . acres	16,716,673	13,626,800	8,907	1,326	6,372	123,409	-	-	123,409
Nematodes . . . . . farms	1,782	1,307	8	-	28	43	-	-	43
Nematodes . . . . . acres	292,947	243,293	8	-	(D)	355	-	-	355
Diseases in crops and orchards . . . . . farms	834	417	34	84	109	20	-	-	20
Diseases in crops and orchards . . . . . acres	113,930	95,951	938	822	1,071	855	-	-	855
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms	190	40	-	52	47	-	-	-	-
Chemicals used to control growth, thin fruit, or defoliate . . . . . acres on which used	3,196	1,367	-	226	242	-	-	-	-
<b>TENURE</b>									
Full owners . . . . . farms	49,889	15,436	220	258	493	17,597	-	-	17,597
Part owners . . . . . farms	30,265	19,744	62	11	50	915	-	-	915
Tenants . . . . . farms	10,501	7,329	35	15	37	379	-	-	379
<b>OWNED AND RENTED LAND</b>									
Land owned . . . . . farms	80,876	35,729	283	270	543	18,563	-	-	18,563
Land owned . . . . . acres	18,364,478	10,418,774	30,070	24,531	37,170	2,835,627	-	-	2,835,627
Owned land in farms . . . . . farms	80,154	35,180	282	269	543	18,512	-	-	18,512
Owned land in farms . . . . . acres	15,646,472	9,378,970	21,997	18,790	26,562	1,843,966	-	-	1,843,966
Land rented or leased from others . . . . . farms	41,084	27,228	97	26	87	1,333	-	-	1,333
Land rented or leased from others . . . . . acres	16,269,487	12,651,434	7,866	542	6,249	218,986	-	-	218,986
Rented or leased land in farms . . . . . farms	40,766	27,073	97	26	87	1,294	-	-	1,294
Rented or leased land in farms . . . . . acres	16,083,018	12,527,097	7,733	542	6,102	197,913	-	-	197,913
Land rented or leased to others . . . . . farms	17,098	6,376	63	75	97	5,631	-	-	5,631
Land rented or leased to others . . . . . acres	2,904,475	1,164,141	8,206	5,741	10,755	1,012,734	-	-	1,012,734
<b>NUMBER OF OPERATORS</b>									
Total operators . . . . . number	127,166	58,623	522	456	959	24,349	-	-	24,349
Farms by number of operators:									
1 operator . . . . .	60,439	29,204	153	137	303	14,192	-	-	14,192
2 operators . . . . .	25,841	11,306	148	132	223	4,203	-	-	4,203
3 operators . . . . .	3,175	1,510	5	6	32	341	-	-	341
4 operators . . . . .	833	352	4	8	11	100	-	-	100
5 or more operators . . . . .	367	137	7	1	11	55	-	-	55
Total women operators . . . . . number									
Total women operators . . . . .	28,143	10,693	189	143	326	6,277	-	-	6,277
Farms by number of women operators:									
1 operator . . . . .	25,714	9,899	154	133	258	5,722	-	-	5,722
2 operators . . . . .	946	320	12	5	15	210	-	-	210
3 operators . . . . .	133	44	2	-	11	28	-	-	28
4 operators . . . . .	14	3	-	-	-	3	-	-	3
5 or more operators . . . . .	15	2	1	-	1	7	-	-	7

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Estimated market value of all machinery and equipment . . . . . farms \$1,000	10,039 465,476	4,216 603,763	2,211 333,820	5,498 878,306	428 69,836	1,005 20,076	3,405 240,217
Farms by value group:							
\$1 to \$4,999 . . . . .	1,577	304	44	167	112	454	787
\$5,000 to \$9,999 . . . . .	1,452	314	53	319	35	122	394
\$10,000 to \$19,999 . . . . .	1,880	313	133	378	67	191	506
\$20,000 to \$49,999 . . . . .	2,651	752	343	1,052	51	131	690
\$50,000 to \$99,999 . . . . .	1,387	776	571	852	48	56	369
\$100,000 to \$199,999 . . . . .	665	786	565	1,342	46	47	270
\$200,000 to \$499,999 . . . . .	317	735	394	1,037	49	2	318
\$500,000 or more . . . . .	110	236	108	351	20	2	71
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Tractors . . . . . farms number	9,496 23,914	4,069 15,523	2,112 8,957	5,203 18,339	395 961	863 1,595	3,063 8,162
Less than 40 horsepower (PTO) . . . . . farms number	4,082 6,102	1,612 2,408	772 1,246	1,800 2,755	196 312	361 538	1,374 2,079
40 to 99 horsepower (PTO) . . . . . farms number	7,156 11,923	3,329 7,053	3,894 4,055	3,894 7,179	243 388	538 808	2,215 3,564
100 horsepower (PTO) or more . . . . . farms number	3,683 5,889	2,697 6,062	1,629 3,656	3,919 8,405	139 261	207 249	1,275 2,519
Grain and bean combines (see text) . . . . . farms number	1,636 1,827	2,094 2,299	1,004 1,090	2,998 3,204	68 69	91 91	873 975
Cotton pickers and strippers . . . . . farms number	- -	- -	- -	- -	- -	- -	- -
Forage harvesters, self-propelled (see text) . . . . . farms number	294 314	458 470	336 348	98 121	27 27	21 (D)	109 112
Hay balers . . . . . farms number	4,665 5,585	2,132 2,533	1,606 2,009	1,555 1,734	101 104	340 369	1,430 1,669
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners . . . . . farms acres treated	4,871 577,976	2,989 878,024	1,754 337,640	3,775 1,129,523	161 25,811	185 6,287	1,377 354,443
Manure . . . . . farms acres treated	3,154 132,381	2,594 249,197	1,702 202,063	3,400 415,661	122 14,215	172 3,514	1,210 116,804
Acres treated with chemicals to control-							
Insects . . . . . farms acres	1,295 93,163	1,450 271,302	1,050 158,958	1,533 313,366	63 6,270	1 (D)	484 83,324
Weeds, grass, or brush . . . . . farms acres	3,542 387,048	2,508 826,441	1,448 240,659	2,855 1,141,323	176 25,136	115 8,164	1,073 321,088
Nematodes . . . . . farms acres	43 1,813	76 10,998	120 8,653	138 24,437	2 (D)	- -	17 3,000
Diseases in crops and orchards . . . . . farms acres	28 563	22 4,141	45 5,074	43 3,273	11 51	- -	21 1,191
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms acres on which used	18 830	1 (D)	2 (D)	19 105	10 (D)	- -	1 (D)
<b>TENURE</b>							
Full owners . . . . . farms	6,263	1,912	1,014	2,579	324	884	2,909
Part owners . . . . . farms	2,895	1,876	1,003	2,488	83	145	993
Tenants . . . . . farms	907	471	289	675	35	69	260
<b>OWNED AND RENTED LAND</b>							
Land owned . . . . . farms acres	9,206 1,817,876	3,814 1,086,663	2,020 451,999	5,094 1,001,426	409 48,031	1,031 66,853	3,914 545,458
Owned land in farms . . . . . farms acres	9,158 1,494,882	3,788 964,370	2,017 431,780	5,067 913,862	407 37,653	1,029 45,615	3,902 468,025
Land rented or leased from others . . . . . farms acres	3,859 679,297	2,364 837,058	1,298 271,762	3,192 1,194,188	118 31,120	219 10,432	1,263 360,553
Rented or leased land in farms . . . . . farms acres	3,802 661,103	2,347 831,651	1,292 269,676	3,163 1,186,964	118 30,721	214 8,451	1,253 355,065
Land rented or leased to others . . . . . farms acres	2,371 341,188	661 127,700	201 22,305	641 94,788	93 10,777	225 23,219	664 82,921
<b>NUMBER OF OPERATORS</b>							
Total operators . . . . . number	14,374	6,400	3,963	8,663	764	1,642	6,451
Farms by number of operators:							
1 operator . . . . .	6,372	2,531	1,072	3,442	219	626	2,188
2 operators . . . . .	3,245	1,423	958	1,867	170	419	1,747
3 operators . . . . .	325	225	185	317	29	36	164
4 operators . . . . .	96	62	60	71	13	15	41
5 or more operators . . . . .	27	18	31	45	11	2	22
Total women operators . . . . . number	3,570	1,305	1,042	1,685	220	544	2,149
Farms by number of women operators:							
1 operator . . . . .	3,315	1,184	877	1,561	171	481	1,959
2 operators . . . . .	98	56	62	48	18	30	72
3 operators . . . . .	15	3	8	6	1	1	14
4 operators . . . . .	2	-	3	1	1	-	1
5 or more operators . . . . .	1	-	1	1	1	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>									
Sex of operator:									
Male .....	84,451	40,951	269	246	489	16,091	-	-	16,091
Female .....	6,204	1,558	48	38	91	2,800	-	-	2,800
Primary occupation:									
Farming .....	61,935	34,242	162	97	223	8,015	-	-	8,015
Other .....	28,720	8,267	155	187	357	10,876	-	-	10,876
Place of residence:									
On farm operated .....	69,329	32,530	267	212	404	11,880	-	-	11,880
Not on farm operated .....	21,326	9,979	50	72	176	7,011	-	-	7,011
Days worked off farm:									
None .....	41,409	20,842	117	106	260	7,616	-	-	7,616
Any .....	49,246	21,667	200	178	320	11,275	-	-	11,275
1 to 49 days .....	6,380	3,691	25	7	30	904	-	-	904
50 to 99 days .....	3,131	1,823	9	10	17	423	-	-	423
100 to 199 days .....	6,084	3,169	31	20	41	1,038	-	-	1,038
200 days or more .....	33,651	12,984	135	141	232	8,910	-	-	8,910
Years on present farm:									
2 years or less .....	2,314	796	20	8	16	766	-	-	766
3 or 4 years .....	4,493	1,446	21	32	27	1,457	-	-	1,457
5 to 9 years .....	12,038	4,213	72	63	101	3,307	-	-	3,307
10 years or more .....	71,810	36,054	204	181	436	13,361	-	-	13,361
Average years on present farm .....	23.9	26.2	17.2	16.8	18.9	21.8	-	-	21.8
Age group:									
Under 25 years .....	869	481	6	-	2	66	-	-	66
25 to 34 years .....	5,282	2,375	13	12	17	630	-	-	630
35 to 44 years .....	17,331	7,520	57	47	101	3,009	-	-	3,009
45 to 49 years .....	12,407	6,018	57	36	102	2,044	-	-	2,044
50 to 54 years .....	12,148	5,946	44	47	84	2,266	-	-	2,266
55 to 59 years .....	10,582	5,168	43	34	96	2,188	-	-	2,188
60 to 64 years .....	9,645	4,732	33	33	62	2,081	-	-	2,081
65 to 69 years .....	8,075	3,848	25	31	53	2,034	-	-	2,034
70 years and over .....	14,316	6,421	39	44	63	4,573	-	-	4,573
Average age .....	54.3	54.4	53.5	55.9	54.2	58.1	-	-	58.1
Spanish, Hispanic, or Latino origin (see text) .....	380	189	3	1	-	71	-	-	71
Race:									
White .....	90,472	42,469	311	278	577	18,840	-	-	18,840
Black or African American .....	31	9	2	-	-	5	-	-	5
American Indian or Alaska Native .....	61	11	-	3	1	17	-	-	17
Native Hawaiian or Other Pacific Islander .....	2	-	1	-	-	-	-	-	-
Asian .....	25	6	3	1	-	8	-	-	8
More than one race reported .....	64	14	-	2	2	21	-	-	21
Operators living on an American Indian reservation .....	1	-	-	-	-	-	-	-	-
Farms by number of persons living in operator's household:									
1 person .....	11,876	5,116	32	35	62	3,724	-	-	3,724
2 people .....	43,296	21,215	163	139	312	9,466	-	-	9,466
3 people .....	11,361	5,403	37	33	80	1,897	-	-	1,897
4 people .....	12,869	6,023	43	39	74	2,145	-	-	2,145
5 or more people .....	11,253	4,752	42	38	52	1,659	-	-	1,659
Percent of operator's total household income from farming:									
Less than 25 percent .....	36,935	12,224	194	216	307	12,187	-	-	12,187
25 to 49 percent .....	12,304	6,349	30	22	71	2,375	-	-	2,375
50 to 74 percent .....	16,287	8,990	29	27	58	2,512	-	-	2,512
75 to 99 percent .....	11,096	7,069	29	3	33	835	-	-	835
100 percent .....	11,522	6,564	25	8	70	658	-	-	658
Operator is a hired manager .....	2,511	1,313	10	8	41	324	-	-	324
farms .....									
acres .....	1,272,488	902,910	3,728	579	3,124	58,400	-	-	58,400
Farms with-									
Computer for farm business .....	41,722	21,730	152	149	367	5,882	-	-	5,882
Internet access .....	48,857	24,228	190	180	403	8,636	-	-	8,636
Farms by number of households sharing in net income of farm:									
1 household .....	67,219	30,203	259	235	459	14,918	-	-	14,918
2 households .....	15,043	7,869	31	32	48	2,586	-	-	2,586
3 households .....	3,396	1,843	8	4	13	595	-	-	595
4 households .....	1,365	705	2	4	12	244	-	-	244
5 households or more .....	1,121	576	7	1	7	224	-	-	224
<b>FARMS BY TYPE OF ORGANIZATION</b>									
Family or individual .....	78,699	36,421	292	250	426	16,777	-	-	16,777
farms .....									
acres .....	24,657,577	17,030,754	21,866	16,246	23,831	1,727,653	-	-	1,727,653
Partnership .....	5,792	2,768	11	14	38	1,137	-	-	1,137
farms .....									
acres .....	3,011,172	1,950,388	1,210	(D)	1,340	149,103	-	-	149,103
Registered under state law .....	2,592	1,234	6	7	28	573	-	-	573
farms .....									
acres .....	1,502,606	995,211	90	400	741	74,340	-	-	74,340

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>							
Sex of operator:							
Male .....	9,483	4,132	2,228	5,605	414	965	3,578
Female .....	582	127	78	137	28	133	584
Primary occupation:							
Farming .....	6,150	3,298	2,131	4,718	260	409	2,230
Other .....	3,915	961	175	1,024	182	689	1,932
Place of residence:							
On farm operated .....	8,304	3,766	2,108	4,866	350	979	3,663
Not on farm operated .....	1,761	493	198	876	92	119	499
Days worked off farm:							
None .....	3,683	2,221	1,735	2,936	192	222	1,479
Any .....	6,382	2,038	571	2,806	250	876	2,683
1 to 49 days .....	476	307	162	484	29	43	222
50 to 99 days .....	276	125	51	223	15	33	126
100 to 199 days .....	737	235	83	360	19	86	265
200 days or more .....	4,893	1,371	275	1,739	187	714	2,070
Years on present farm:							
2 years or less .....	266	93	50	126	18	39	116
3 or 4 years .....	553	174	95	271	41	79	297
5 to 9 years .....	1,511	487	257	860	99	224	844
10 years or more .....	7,735	3,505	1,904	4,485	284	756	2,905
Average years on present farm .....	23.5	25.1	23.1	20.9	17.2	17.8	19.0
Age group:							
Under 25 years .....	110	47	19	88	2	24	24
25 to 34 years .....	699	296	217	618	37	94	274
35 to 44 years .....	1,886	960	672	1,769	106	256	948
45 to 49 years .....	1,216	625	360	1,048	76	172	653
50 to 54 years .....	1,209	551	303	812	72	163	651
55 to 59 years .....	1,110	458	235	522	56	122	550
60 to 64 years .....	1,107	432	223	371	46	110	415
65 to 69 years .....	933	356	121	253	17	72	332
70 years and over .....	1,795	534	156	261	30	85	315
Average age .....	54.7	52.5	49.3	47.4	50.4	50.2	51.5
Spanish, Hispanic, or Latino origin (see text) .....	44	17	7	19	4	8	17
Race:							
White .....	10,036	4,249	2,306	5,732	440	1,089	4,145
Black or African American .....	9	-	-	4	-	-	2
American Indian or Alaska Native .....	7	-	-	2	-	6	5
Native Hawaiian or Other Pacific Islander .....	-	-	-	-	-	1	-
Asian .....	3	-	-	3	-	-	1
More than one race reported .....	10	3	-	1	-	2	9
Operators living on an American Indian reservation .....	-	1	-	-	-	-	-
Farms by number of persons living in operator's household:							
1 person .....	1,308	396	187	456	30	109	421
2 people .....	4,915	1,899	766	1,870	174	453	1,924
3 people .....	1,310	587	360	798	60	165	631
4 people .....	1,345	719	348	1,258	52	197	626
5 or more people .....	1,187	658	645	1,360	126	174	560
Percent of operator's total household income from farming:							
Less than 25 percent .....	5,327	1,380	324	1,275	205	791	2,505
25 to 49 percent .....	1,569	529	152	679	32	113	383
50 to 74 percent .....	1,653	808	364	1,198	56	107	485
75 to 99 percent .....	714	612	395	1,000	49	44	313
100 percent .....	687	802	1,018	1,190	74	33	393
Operator is a hired manager .....	115 farms	128	53	400	26	10	83
acres .....	32,720	86,815	20,190	129,015	2,446	400	32,161
Farms with-							
Computer for farm business .....	3,647	2,098	1,115	3,813	244	485	2,040
Internet access .....	4,434	2,261	1,143	3,969	266	637	2,510
Farms by number of households sharing in net income of farm:							
1 household .....	7,954	3,092	1,526	3,985	321	958	3,309
2 households .....	1,561	739	518	927	58	100	574
3 households .....	239	181	130	241	13	20	109
4 households .....	108	67	45	100	16	5	57
5 households or more .....	88	52	34	89	8	5	30
<b>FARMS BY TYPE OF ORGANIZATION</b>							
Family or individual .....	9,390 farms	3,611	1,937	4,417	337	1,056	3,785
acres .....	1,895,725	1,261,826	531,909	1,446,983	43,578	50,912	606,294
Partnership .....	513 farms	354	264	450	27	29	187
acres .....	195,846	266,457	109,896	224,196	(D)	(D)	106,083
Registered under state law .....	161 farms	139	77	264	18	11	74
acres .....	75,672	126,940	37,577	128,494	3,252	973	58,916

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>									
Corporation . . . . . farms	5,279	3,049	8	18	106	509	-	-	509
acres	3,862,248	2,823,712	6,192	2,081	7,021	96,905	-	-	96,905
Family held . . . . . farms	4,900	2,963	8	15	97	369	-	-	369
More than 10 stockholders . . . . . farms	3,742,023	2,745,275	6,192	1,652	5,669	77,056	-	-	77,056
10 or less stockholders . . . . . farms	110	66	-	-	2	15	-	-	15
Other than family held . . . . . farms	4,790	2,897	8	15	95	354	-	-	354
acres	379	86	-	3	9	140	-	-	140
More than 10 stockholders . . . . . farms	120,225	78,437	-	429	1,352	19,849	-	-	19,849
10 or less stockholders . . . . . farms	55	10	-	-	-	24	-	-	24
Other-cooperative, estate or trust, institutional, etc . . . . . farms	324	76	-	3	9	116	-	-	116
acres	885	271	6	2	10	468	-	-	468
Total	198,493	101,213	462	(D)	472	68,218	-	-	68,218
<b>HIRED FARM LABOR</b>									
Hired farm labor . . . . . farms	28,135	15,660	100	54	382	1,850	-	-	1,850
workers	82,991	39,060	517	150	2,866	5,177	-	-	5,177
Workers by days worked:									
150 days or more . . . . . farms	9,057	4,627	21	18	130	271	-	-	271
workers	22,027	8,412	39	19	945	452	-	-	452
Less than 150 days . . . . . farms	24,103	13,499	99	54	340	1,743	-	-	1,743
workers	60,964	30,648	478	131	1,921	4,725	-	-	4,725
Migrant farm labor on farms with hired labor (see text) . . . . . farms	101	26	25	1	19	11	-	-	11
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	39	30	-	-	-	-	-	-	-
<b>FARMS BY SIZE</b>									
1 to 9 acres . . . . .	4,811	230	88	75	233	1,041	-	-	1,041
10 to 49 acres . . . . .	16,278	2,458	127	110	216	7,551	-	-	7,551
50 to 69 acres . . . . .	3,843	1,028	16	19	25	1,583	-	-	1,583
70 to 99 acres . . . . .	6,821	2,505	21	36	24	2,402	-	-	2,402
100 to 139 acres . . . . .	6,300	2,518	19	19	25	1,813	-	-	1,813
140 to 179 acres . . . . .	7,286	3,878	13	8	13	1,398	-	-	1,398
180 to 219 acres . . . . .	4,621	2,339	4	5	4	852	-	-	852
220 to 259 acres . . . . .	4,506	2,514	4	2	12	577	-	-	577
260 to 499 acres . . . . .	15,592	9,764	9	9	16	1,196	-	-	1,196
500 to 999 acres . . . . .	13,063	9,314	10	-	10	386	-	-	386
1,000 to 1,999 acres . . . . .	6,213	4,884	5	-	2	75	-	-	75
2,000 acres or more . . . . .	1,321	1,077	1	1	-	17	-	-	17
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>									
Oilseed and grain farming (1111) . . . . .	42,509	42,509	-	-	-	-	-	-	-
Vegetable and melon farming (1112) . . . . .	317	-	317	-	-	-	-	-	-
Fruit and tree nut farming (1113) . . . . .	284	-	-	284	-	-	-	-	-
Greenhouse, nursery, and floriculture production (1114) . . . . .	580	-	-	-	580	-	-	-	-
Other crop farming (1119) . . . . .	18,891	-	-	-	-	18,891	-	-	18,891
Tobacco farming (11191) . . . . .	-	-	-	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) . . . . .	18,891	-	-	-	-	18,891	-	-	18,891
Beef cattle ranching and farming (11211) . . . . .	10,065	-	-	-	-	-	-	-	-
Cattle feedlots (11212) . . . . .	4,259	-	-	-	-	-	-	-	-
Dairy cattle and milk production (11212) . . . . .	2,306	-	-	-	-	-	-	-	-
Hog and pig farming (1122) . . . . .	5,742	-	-	-	-	-	-	-	-
Poultry and egg production (1123) . . . . .	442	-	-	-	-	-	-	-	-
Sheep and goat farming (1124) . . . . .	1,098	-	-	-	-	-	-	-	-
Animal aquaculture and other animal production (1125, 1129) . . . . .	4,162	-	-	-	-	-	-	-	-
<b>LIVESTOCK</b>									
Cattle and calves inventory . . . . . farms	32,169	11,673	39	18	23	1,270	-	-	1,270
number	3,535,945	933,636	1,104	322	994	52,005	-	-	52,005
Farms with-									
1 to 9 . . . . .	3,586	988	16	10	14	385	-	-	385
10 to 49 . . . . .	12,134	4,885	20	6	5	583	-	-	583
50 to 99 . . . . .	6,899	2,922	2	1	2	168	-	-	168
100 to 199 . . . . .	5,373	1,920	-	1	-	98	-	-	98
200 to 499 . . . . .	3,115	847	1	-	2	31	-	-	31
500 or more . . . . .	1,062	111	-	-	-	5	-	-	5
Cows and heifers that had calved . . . . . farms	25,676	9,607	32	18	11	998	-	-	998
number	1,194,635	407,025	607	172	488	26,841	-	-	26,841
Beef cows . . . . . farms	23,313	9,464	30	16	11	981	-	-	981
number	987,670	400,540	(D)	(D)	(D)	26,041	-	-	26,041
Farms with-									
1 to 9 . . . . .	3,855	1,154	12	13	6	341	-	-	341
10 to 49 . . . . .	13,021	5,684	17	2	2	490	-	-	490
50 to 99 . . . . .	4,235	1,794	-	1	1	109	-	-	109
100 to 199 . . . . .	1,771	706	-	-	2	32	-	-	32
200 to 499 . . . . .	397	115	1	-	-	9	-	-	9
500 or more . . . . .	34	11	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>							
Corporation . . . . . farms	121	285	98	842	76	11	156
acres	57,060	264,054	54,865	422,520	20,352	1,619	105,867
Family held . . . . . farms	115	276	96	732	67	10	152
acres	54,265	258,813	(D)	411,034	20,049	(D)	(D)
More than 10 stockholders . . . . . farms	3	8	1	13	1	1	-
10 or less stockholders . . . . . farms	112	268	95	719	66	9	152
Other than family held . . . . . farms	6	9	2	110	9	1	4
acres	2,795	5,241	(D)	11,486	303	(D)	(D)
More than 10 stockholders . . . . . farms	-	1	1	17	2	-	-
10 or less stockholders . . . . . farms	6	8	1	93	7	1	4
Other-cooperative, estate or trust, institutional, etc . . . . . farms	41	9	7	33	2	2	34
acres	7,354	3,684	4,786	7,127	(D)	(D)	4,846
<b>HIRED FARM LABOR</b>							
Hired farm labor . . . . . farms	2,364	1,818	1,263	3,242	198	204	1,000
workers	5,242	4,723	5,575	13,164	2,303	703	3,511
Workers by days worked:							
150 days or more . . . . . farms	395	715	792	1,651	118	32	287
workers	648	1,614	2,234	5,618	1,440	32	574
Less than 150 days . . . . . farms	2,147	1,466	898	2,672	159	174	852
workers	4,594	3,109	3,341	7,546	863	671	2,937
Migrant farm labor on farms with hired labor (see text) . . . . . farms	-	2	4	7	5	-	1
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	-	8	-	1	-	-	-
<b>FARMS BY SIZE</b>							
1 to 9 acres . . . . .	724	297	53	864	120	305	781
10 to 49 acres . . . . .	2,117	547	128	793	135	529	1,567
50 to 69 acres . . . . .	606	141	58	96	17	61	193
70 to 99 acres . . . . .	1,013	192	122	227	32	65	182
100 to 139 acres . . . . .	990	228	214	228	33	45	168
140 to 179 acres . . . . .	894	265	304	318	14	33	148
180 to 219 acres . . . . .	622	215	220	238	10	11	101
220 to 259 acres . . . . .	531	246	220	274	10	13	103
260 to 499 acres . . . . .	1,514	876	621	1,146	28	27	386
500 to 999 acres . . . . .	791	793	294	1,073	29	8	355
1,000 to 1,999 acres . . . . .	217	380	65	430	11	1	143
2,000 acres or more . . . . .	46	79	7	55	3	-	35
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>							
Oilseed and grain farming (1111) . . . . .	-	-	-	-	-	-	-
Vegetable and melon farming (1112) . . . . .	-	-	-	-	-	-	-
Fruit and tree nut farming (1113) . . . . .	-	-	-	-	-	-	-
Greenhouse, nursery, and floriculture production (1114) . . . . .	-	-	-	-	-	-	-
Other crop farming (1119) . . . . .	-	-	-	-	-	-	-
Tobacco farming (11191) . . . . .	-	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	-	-	-	-	-	-	-
Beef cattle ranching and farming (112111) . . . . .	10,065	-	-	-	-	-	-
Cattle feedlots (112112) . . . . .	-	4,259	-	-	-	-	-
Dairy cattle and milk production (11212) . . . . .	-	-	2,306	-	-	-	-
Hog and pig farming (1122) . . . . .	-	-	-	5,742	-	-	-
Poultry and egg production (1123) . . . . .	-	-	-	-	442	-	-
Sheep and goat farming (1124) . . . . .	-	-	-	-	-	1,098	-
Animal aquaculture and other animal production (1125, 1129) . . . . .	-	-	-	-	-	-	4,162
<b>LIVESTOCK</b>							
Cattle and calves inventory . . . . . farms	9,707	4,004	2,295	1,634	113	168	1,225
number	734,976	1,136,558	359,191	155,215	3,975	3,035	154,934
Farms with-							
1 to 9 . . . . .	1,214	366	45	226	54	96	172
10 to 49 . . . . .	4,542	785	358	542	36	59	313
50 to 99 . . . . .	1,975	606	615	355	13	5	235
100 to 199 . . . . .	1,208	769	791	305	7	8	266
200 to 499 . . . . .	614	847	405	176	2	-	190
500 or more . . . . .	154	631	81	30	1	-	49
Cows and heifers that had calved . . . . . farms	8,479	2,058	2,288	1,139	84	112	850
number	340,694	123,090	201,003	48,971	1,281	1,367	43,096
Beef cows . . . . . farms	8,378	2,028	393	1,082	50	101	779
number	336,313	120,968	14,086	46,879	988	1,343	39,252
Farms with-							
1 to 9 . . . . .	1,549	280	95	184	23	60	138
10 to 49 . . . . .	4,751	908	199	542	23	35	368
50 to 99 . . . . .	1,372	472	71	241	3	6	165
100 to 199 . . . . .	555	274	19	97	1	-	85
200 to 499 . . . . .	139	86	9	18	-	-	20
500 or more . . . . .	12	8	-	-	-	-	3

See footnote(s) at end of table.

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Table 59. Summary by North American Industry Classification System: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>LIVESTOCK - Con.</b>									
Cattle and calves inventory - Con.									
Cows and heifers that had calved - Con.									
Milk cows . . . . . farms	3,034	223	2	3	1	41	-	-	41
number	206,965	6,485	(D)	(D)	(D)	800	-	-	800
Farms with-									
1 to 4 . . . . .	333	54	2	3	1	25	-	-	25
5 to 9 . . . . .	128	22	-	-	-	2	-	-	2
10 to 49 . . . . .	1,136	94	-	-	-	10	-	-	10
50 to 99 . . . . .	966	43	-	-	-	2	-	-	2
100 to 199 . . . . .	331	9	-	-	-	2	-	-	2
200 to 499 . . . . .	112	1	-	-	-	-	-	-	-
500 or more . . . . .	28	-	-	-	-	-	-	-	-
Other cattle (see text) . . . . . farms	29,013	10,479	29	17	19	1,028	-	-	1,028
number	2,341,310	526,611	497	150	506	25,164	-	-	25,164
Cattle and calves sold . . . . . farms	29,515	10,399	27	7	15	868	-	-	868
number	2,929,704	491,582	463	(D)	(D)	29,133	-	-	29,133
\$1,000	2,119,935	307,427	176	16	239	16,958	-	-	16,958
Calves weighing less than 500 pounds . . . . . farms	9,504	2,857	12	5	2	368	-	-	368
number	259,122	66,551	101	(D)	(D)	6,114	-	-	6,114
Cattle, including calves weighing 500 pounds or more . . . . . farms	26,277	9,284	18	5	14	724	-	-	724
number	2,670,582	425,031	362	(D)	(D)	23,019	-	-	23,019
Cattle on feed (see text) . . . . . farms	10,386	3,662	5	1	5	182	-	-	182
number	1,806,291	189,127	(D)	(D)	274	7,819	-	-	7,819
Hogs and pigs inventory . . . . . farms	10,205	2,768	8	1	4	140	-	-	140
number	15,486,531	1,488,358	(D)	(D)	(D)	36,352	-	-	36,352
Farms with-									
1 to 24 . . . . .	821	286	6	1	4	56	-	-	56
25 to 49 . . . . .	297	107	1	-	-	4	-	-	4
50 to 99 . . . . .	432	175	-	-	-	8	-	-	8
100 to 199 . . . . .	733	319	-	-	-	15	-	-	15
200 to 499 . . . . .	1,999	773	1	-	-	24	-	-	24
500 or more . . . . .	5,923	1,108	-	-	-	33	-	-	33
Used or to be used for breeding . . . . . farms	4,386	1,412	5	-	4	71	-	-	71
number	1,145,323	124,034	(D)	-	29	4,827	-	-	4,827
Other hogs and pigs . . . . . farms	9,863	2,652	7	1	2	134	-	-	134
number	14,341,208	1,364,324	(D)	(D)	(D)	31,525	-	-	31,525
Hogs and pigs sold . . . . . farms	11,275	3,186	7	1	3	134	-	-	134
number	41,232,492	2,908,328	(D)	(D)	(D)	78,013	-	-	78,013
\$1,000	3,078,455	225,172	26	(D)	(D)	6,075	-	-	6,075
Sheep and lambs of all ages inventory (see text) . . . . . farms	3,751	1,265	20	11	13	204	-	-	204
number	249,908	76,543	306	525	318	6,100	-	-	6,100
Ewes 1 year old or older . . . . . farms	3,531	1,208	15	10	11	186	-	-	186
number	130,808	44,912	162	232	157	3,721	-	-	3,721
Sheep and lambs sold . . . . . farms	2,903	937	15	7	9	119	-	-	119
number	257,130	61,332	158	376	138	2,998	-	-	2,998
Horses and ponies inventory . . . . . farms	11,482	3,050	30	24	35	1,597	-	-	1,597
number	77,123	16,010	141	112	108	8,080	-	-	8,080
Horses and ponies sold . . . . . farms	2,775	457	3	1	4	128	-	-	128
number	10,601	1,443	(D)	(D)	7	325	-	-	325
Goats, All inventory . . . . . farms	1,167	233	15	11	9	131	-	-	131
number	18,898	2,961	168	83	297	1,357	-	-	1,357
Goats sold . . . . . farms	497	68	8	1	3	28	-	-	28
number	11,093	1,229	82	(D)	(D)	273	-	-	273
<b>POULTRY</b>									
Layers 20 weeks old and older inventory . . . . . farms	1,934	468	28	19	15	205	-	-	205
number	38,650,210	116,086	979	345	471	4,766	-	-	4,766
Farms with-									
1 to 399 . . . . .	1,812	452	28	19	15	205	-	-	205
400 to 3,199 . . . . .	26	7	-	-	-	-	-	-	-
3,200 to 9,999 . . . . .	21	7	-	-	-	-	-	-	-
10,000 to 19,999 . . . . .	9	1	-	-	-	-	-	-	-
20,000 to 49,999 . . . . .	10	1	-	-	-	-	-	-	-
50,000 to 99,999 . . . . .	11	-	-	-	-	-	-	-	-
100,000 or more . . . . .	46	-	-	-	-	-	-	-	-
Pullets for laying flock replacement inventory . . . . . farms	472	104	9	7	2	34	-	-	34
number	7,403,989	41,906	496	49	(D)	727	-	-	727
Layers and pullets sold (see text) . . . . . farms	462	79	6	2	4	35	-	-	35
number	30,174,804	184,251	420	(D)	(D)	1,705	-	-	1,705
Broilers and other meat-type chickens sold . . . . . farms	629	114	16	5	6	30	-	-	30
number	9,558,127	(D)	2,717	315	302	4,124	-	-	4,124
Farms with-									
1 to 1,999 . . . . .	557	114	16	5	6	30	-	-	30
2,000 to 59,999 . . . . .	51	-	-	-	-	-	-	-	-
60,000 to 99,999 . . . . .	2	-	-	-	-	-	-	-	-
100,000 or more . . . . .	19	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>LIVESTOCK - Con.</b>							
Cattle and calves inventory - Con.							
Cows and heifers that had calved - Con.							
Milk cows . . . . . farms	229	59	2,253	72	39	15	97
number	4,381	2,122	186,917	2,092	293	24	3,844
Farms with-							
1 to 4 . . . . .	124	20	29	19	23	15	18
5 to 9 . . . . .	21	7	64	2	1	-	9
10 to 49 . . . . .	56	19	866	34	15	-	42
50 to 99 . . . . .	22	8	858	15	-	-	18
100 to 199 . . . . .	4	3	303	2	-	-	8
200 to 499 . . . . .	2	2	106	-	-	-	1
500 or more . . . . .	-	-	27	-	-	-	1
Other cattle (see text) . . . . . farms	8,572	3,919	2,088	1,503	94	145	1,120
number	394,282	1,013,468	158,188	106,244	2,694	1,668	111,838
Cattle and calves sold . . . . . farms	9,112	4,259	2,109	1,427	56	81	1,155
number	564,263	1,473,191	123,384	107,924	2,810	1,235	135,240
\$1,000	338,992	1,221,667	61,500	71,819	1,399	750	98,995
Calves weighing less than 500 pounds . . . . . farms	3,964	340	1,239	391	23	33	270
number	99,914	10,989	52,148	13,241	1,032	296	8,704
Cattle, including calves weighing							
500 pounds or more . . . . . farms	7,747	4,259	1,790	1,265	48	61	1,062
number	464,349	1,462,202	71,236	94,683	1,778	939	126,536
Cattle on feed (see text) . . . . . farms	594	4,259	407	617	20	17	617
number	20,850	1,411,023	19,853	59,147	1,185	439	96,547
Hogs and pigs inventory . . . . . farms	308	543	250	5,242	49	28	864
number	76,478	431,460	85,107	12,706,911	36,877	1,882	622,567
Farms with-							
1 to 24 . . . . .	130	57	36	149	15	18	63
25 to 49 . . . . .	35	25	17	71	2	6	29
50 to 99 . . . . .	31	30	34	120	3	1	30
100 to 199 . . . . .	18	55	40	196	2	1	87
200 to 499 . . . . .	42	146	68	693	7	-	245
500 or more . . . . .	52	230	55	4,013	20	2	410
Used or to be used for breeding . . . . . farms	166	218	158	1,912	14	13	413
number	5,509	21,818	7,825	937,660	2,299	(D)	40,953
Other hogs and pigs . . . . . farms	275	527	236	5,109	45	27	848
number	70,969	409,642	77,282	11,769,251	34,578	(D)	581,614
Hogs and pigs sold . . . . . farms	304	599	281	5,717	40	31	972
number	138,888	904,597	169,240	35,616,007	83,967	4,742	1,328,128
\$1,000	10,613	75,260	12,181	2,636,471	6,940	416	105,297
Sheep and lambs of all ages							
inventory (see text) . . . . . farms	444	197	59	259	35	960	284
number	18,147	12,861	1,624	19,937	636	92,872	20,039
Ewes 1 year old or older . . . . . farms	404	184	49	246	34	932	252
number	10,163	5,327	1,083	9,904	393	44,074	10,680
Sheep and lambs sold . . . . . farms	322	148	31	205	12	878	220
number	12,721	11,434	900	21,927	317	118,637	26,192
Horses and ponies inventory . . . . . farms	2,019	625	433	493	109	268	2,799
number	10,509	3,215	2,966	2,652	579	1,005	31,746
Horses and ponies sold . . . . . farms	294	91	81	90	9	22	1,595
number	905	280	288	277	16	42	6,998
Goats, All inventory . . . . . farms	212	62	29	45	30	221	169
number	2,422	742	650	424	240	7,279	2,275
Goats sold . . . . . farms	85	24	17	17	8	159	79
number	932	507	421	459	(D)	5,772	1,264
<b>POULTRY</b>							
Layers 20 weeks old and older							
inventory . . . . . farms	324	114	131	114	213	121	182
number	11,715	20,044	11,801	8,907	38,414,399	6,422	54,275
Farms with-							
1 to 399 . . . . .	323	111	129	113	123	120	174
400 to 3,199 . . . . .	1	2	1	-	10	-	5
3,200 to 9,999 . . . . .	-	-	1	1	10	1	1
10,000 to 19,999 . . . . .	-	1	-	-	5	-	2
20,000 to 49,999 . . . . .	-	-	-	-	9	-	-
50,000 to 99,999 . . . . .	-	-	-	-	11	-	-
100,000 or more . . . . .	-	-	-	-	46	-	-
Pullets for laying flock replacement							
inventory . . . . . farms	78	20	45	25	71	29	48
number	(D)	766	10,644	695	7,317,598	704	(D)
Layers and pullets sold (see text) . . . . . farms	66	17	22	11	140	32	48
number	4,111	9,053	5,533	353	29,887,080	2,449	79,685
Broilers and other meat-type chickens							
sold . . . . . farms	88	59	25	46	135	41	64
number	56,079	24,664	78,575	(D)	8,627,593	8,554	529,482
Farms with-							
1 to 1,999 . . . . .	86	57	19	44	81	41	58
2,000 to 59,999 . . . . .	2	2	6	1	35	-	5
60,000 to 99,999 . . . . .	-	-	-	-	2	-	-
100,000 or more . . . . .	-	-	-	1	17	-	1

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>POULTRY - Con.</b>									
Turkeys inventory . . . . . farms	355	61	6	6	3	32	-	-	32
Turkeys sold . . . . . farms	3,681,862	(D)	55	29	(D)	233	-	-	233
Turkeys inventory . . . . . number	200	31	1	2	2	8	-	-	8
Turkeys sold . . . . . number	9,145,415	58,908	(D)	(D)	(D)	59	-	-	59
<b>CROPS HARVESTED</b>									
Corn for grain . . . . . farms	52,806	39,211	48	6	22	894	-	-	894
Corn for grain . . . . . acres	11,761,392	9,466,030	4,167	114	1,479	61,176	-	-	61,176
Corn for grain . . . . . bushels	1,851,276,224	1,485,723,856	680,255	12,535	204,641	8,906,211	-	-	8,906,211
Irrigated . . . . . farms	416	346	4	-	-	3	-	-	3
Irrigated . . . . . acres	86,261	78,657	(D)	-	-	71	-	-	71
Farms by acres harvested:									
1 to 24 acres . . . . .	4,881	2,518	24	5	11	331	-	-	331
25 to 99 acres . . . . .	15,510	11,173	14	1	5	391	-	-	391
100 to 249 acres . . . . .	16,414	12,531	3	-	5	127	-	-	127
250 to 499 acres . . . . .	10,115	8,030	5	-	1	35	-	-	35
500 acres or more . . . . .	5,886	4,959	2	-	-	10	-	-	10
Corn for silage or greenchop . . . . . farms	6,909	2,378	5	1	-	137	-	-	137
Corn for silage or greenchop . . . . . acres	247,269	76,691	(D)	(D)	-	3,767	-	-	3,767
Corn for silage or greenchop . . . . . tons	4,726,816	1,675,349	(D)	(D)	-	65,718	-	-	65,718
Irrigated . . . . . farms	13	6	-	-	-	-	-	-	-
Irrigated . . . . . acres	514	152	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres . . . . .	4,025	1,589	5	1	-	86	-	-	86
25 to 99 acres . . . . .	2,387	648	-	-	-	45	-	-	45
100 to 249 acres . . . . .	393	96	-	-	-	6	-	-	6
250 to 499 acres . . . . .	92	42	-	-	-	-	-	-	-
500 acres or more . . . . .	12	3	-	-	-	-	-	-	-
Sorghum for grain . . . . . farms	38	27	-	-	-	3	-	-	3
Sorghum for grain . . . . . acres	2,355	2,116	-	-	-	51	-	-	51
Sorghum for grain . . . . . bushels	142,814	128,962	-	-	-	3,090	-	-	3,090
Irrigated . . . . . farms	-	-	-	-	-	-	-	-	-
Irrigated . . . . . acres	-	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres . . . . .	21	13	-	-	-	1	-	-	1
25 to 99 acres . . . . .	12	10	-	-	-	2	-	-	2
100 to 249 acres . . . . .	1	-	-	-	-	-	-	-	-
250 to 499 acres . . . . .	4	4	-	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-	-	-
Wheat for grain, All . . . . . farms	412	269	2	-	2	17	-	-	17
Wheat for grain, All . . . . . acres	18,317	14,525	(D)	-	(D)	424	-	-	424
Wheat for grain, All . . . . . bushels	961,995	770,840	(D)	-	(D)	20,628	-	-	20,628
Irrigated . . . . . farms	1	1	-	-	-	-	-	-	-
Irrigated . . . . . acres	(D)	(D)	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres . . . . .	212	117	2	-	2	10	-	-	10
25 to 99 acres . . . . .	157	116	-	-	-	6	-	-	6
100 to 249 acres . . . . .	35	29	-	-	-	1	-	-	1
250 to 499 acres . . . . .	6	5	-	-	-	-	-	-	-
500 acres or more . . . . .	2	2	-	-	-	-	-	-	-
Barley for grain . . . . . farms	152	54	2	-	-	6	-	-	6
Barley for grain . . . . . acres	4,166	1,560	(D)	-	-	262	-	-	262
Barley for grain . . . . . bushels	241,818	81,334	(D)	-	-	12,076	-	-	12,076
Irrigated . . . . . farms	-	-	-	-	-	-	-	-	-
Irrigated . . . . . acres	-	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres . . . . .	98	33	2	-	-	2	-	-	2
25 to 99 acres . . . . .	49	19	-	-	-	4	-	-	4
100 to 249 acres . . . . .	3	1	-	-	-	-	-	-	-
250 to 499 acres . . . . .	2	1	-	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-	-	-
Oats for grain . . . . . farms	6,963	3,109	14	-	7	366	-	-	366
Oats for grain . . . . . acres	143,513	66,869	135	-	75	6,771	-	-	6,771
Oats for grain . . . . . bushels	10,761,952	5,109,553	9,742	-	6,597	482,718	-	-	482,718
Irrigated . . . . . farms	1	1	-	-	-	-	-	-	-
Irrigated . . . . . acres	(D)	(D)	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres . . . . .	5,144	2,266	14	-	6	273	-	-	273
25 to 99 acres . . . . .	1,732	785	-	-	1	91	-	-	91
100 to 249 acres . . . . .	84	56	-	-	-	2	-	-	2
250 to 499 acres . . . . .	2	1	-	-	-	-	-	-	-
500 acres or more . . . . .	1	1	-	-	-	-	-	-	-
Flaxseed . . . . . farms	2	1	1	-	-	-	-	-	-
Flaxseed . . . . . acres	(D)	(D)	(D)	-	-	-	-	-	-
Irrigated . . . . . bushels	(D)	(D)	(D)	-	-	-	-	-	-
Irrigated . . . . . farms	-	-	-	-	-	-	-	-	-
Irrigated . . . . . acres	-	-	-	-	-	-	-	-	-
Sunflower seed, All . . . . . farms	6	1	1	-	-	2	-	-	2
Sunflower seed, All . . . . . acres	(D)	(D)	(D)	-	-	(D)	-	-	(D)
Sunflower seed, All . . . . . pounds	(D)	(D)	(D)	-	-	(D)	-	-	(D)
Irrigated . . . . . farms	-	-	-	-	-	-	-	-	-
Irrigated . . . . . acres	-	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres . . . . .	4	-	1	-	-	2	-	-	2
25 to 99 acres . . . . .	-	-	-	-	-	-	-	-	-
100 to 249 acres . . . . .	1	1	-	-	-	-	-	-	-
250 to 499 acres . . . . .	1	-	-	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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Table 59. Summary by North American Industry Classification System: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>POULTRY - Con.</b>							
Turkeys inventory . . . . . farms	41	15	15	18	98	24	36
Turkeys sold . . . . . number	266	(D)	158	(D)	3,639,003	94	(D)
Turkeys sold . . . . . farms	20	11	5	10	84	3	23
Turkeys sold . . . . . number	290	(D)	74	(D)	8,915,395	(D)	63,045
<b>CROPS HARVESTED</b>							
Corn for grain . . . . . farms	2,732	2,893	1,875	3,846	120	85	1,074
Corn for grain . . . . . acres	200,069	615,257	200,648	937,353	23,761	3,413	247,925
Corn for grain . . . . . bushels	27,861,999	98,523,965	31,980,008	153,331,344	3,844,290	506,513	39,700,607
Irrigated . . . . . farms	5	18	2	35	-	-	3
Irrigated . . . . . acres	585	2,528	(D)	3,969	-	-	223
Farms by acres harvested:							
1 to 24 acres . . . . .	1,001	311	263	189	31	56	141
25 to 99 acres . . . . .	1,154	810	904	804	22	20	212
100 to 249 acres . . . . .	418	947	544	1,448	31	7	353
250 to 499 acres . . . . .	117	540	137	977	25	1	247
500 acres or more . . . . .	42	285	27	428	11	1	121
Corn for silage or greenchop . . . . . farms	892	1,343	1,462	334	17	11	329
Corn for silage or greenchop . . . . . acres	28,876	64,690	53,371	9,269	367	335	9,868
Corn for silage or greenchop . . . . . tons	442,297	1,163,378	1,010,966	177,194	4,869	5,174	181,511
Irrigated . . . . . farms	-	3	2	-	-	-	2
Irrigated . . . . . acres	-	(D)	(D)	-	-	-	(D)
Farms by acres harvested:							
1 to 24 acres . . . . .	568	573	777	194	14	7	211
25 to 99 acres . . . . .	270	610	584	130	2	3	95
100 to 249 acres . . . . .	42	130	87	10	1	1	20
250 to 499 acres . . . . .	10	24	13	-	-	-	3
500 acres or more . . . . .	2	6	1	-	-	-	-
Sorghum for grain . . . . . farms	2	2	-	4	-	-	-
Sorghum for grain . . . . . acres	(D)	(D)	-	20	-	-	-
Sorghum for grain . . . . . bushels	(D)	(D)	-	2,000	-	-	-
Irrigated . . . . . farms	-	-	-	-	-	-	-
Irrigated . . . . . acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	2	1	-	4	-	-	-
25 to 99 acres . . . . .	-	-	-	-	-	-	-
100 to 249 acres . . . . .	-	1	-	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-
Wheat for grain, All . . . . . farms	42	23	7	36	-	-	14
Wheat for grain, All . . . . . acres	1,420	351	301	969	-	-	298
Wheat for grain, All . . . . . bushels	66,447	17,422	21,020	46,321	-	-	18,542
Irrigated . . . . . farms	-	-	-	-	-	-	-
Irrigated . . . . . acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	22	18	5	25	-	-	11
25 to 99 acres . . . . .	18	5	1	8	-	-	3
100 to 249 acres . . . . .	1	-	1	3	-	-	-
250 to 499 acres . . . . .	1	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-
Barley for grain . . . . . farms	7	18	38	16	1	-	10
Barley for grain . . . . . acres	(D)	329	946	317	(D)	-	543
Barley for grain . . . . . bushels	(D)	20,888	64,409	21,126	(D)	-	26,640
Irrigated . . . . . farms	-	-	-	-	-	-	-
Irrigated . . . . . acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	6	12	26	11	-	-	6
25 to 99 acres . . . . .	1	6	11	5	-	-	3
100 to 249 acres . . . . .	-	-	1	-	1	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-	1
500 acres or more . . . . .	-	-	-	-	-	-	-
Oats for grain . . . . . farms	820	700	905	593	30	30	389
Oats for grain . . . . . acres	16,395	15,034	19,836	9,834	496	204	7,864
Oats for grain . . . . . bushels	1,111,396	1,090,267	1,532,598	776,730	41,401	14,278	586,672
Irrigated . . . . . farms	-	-	-	-	-	-	-
Irrigated . . . . . acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	618	512	616	483	28	30	298
25 to 99 acres . . . . .	197	181	281	106	2	-	88
100 to 249 acres . . . . .	5	6	8	4	-	-	3
250 to 499 acres . . . . .	-	1	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-
Flaxseed . . . . . farms	-	-	-	-	-	-	-
Flaxseed . . . . . acres	-	-	-	-	-	-	-
Irrigated . . . . . bushels	-	-	-	-	-	-	-
Irrigated . . . . . farms	-	-	-	-	-	-	-
Irrigated . . . . . acres	-	-	-	-	-	-	-
Sunflower seed, All . . . . . farms	-	-	-	1	-	-	1
Sunflower seed, All . . . . . acres	-	-	-	(D)	-	-	(D)
Sunflower seed, All . . . . . pounds	-	-	-	(D)	-	-	(D)
Irrigated . . . . . farms	-	-	-	-	-	-	-
Irrigated . . . . . acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	-	-	-	1	-	-	-
25 to 99 acres . . . . .	-	-	-	-	-	-	-
100 to 249 acres . . . . .	-	-	-	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-	1
500 acres or more . . . . .	-	-	-	-	-	-	-

See footnote(s) at end of table.

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Table 59. Summary by North American Industry Classification System: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>CROPS HARVESTED - Con.</b>									
Tobacco	3 farms	2	-	-	-	-	-	-	-
	8 acres	(D)	-	-	-	-	-	-	-
	17,678 pounds	(D)	-	-	-	-	-	-	-
Irrigated	- farms	-	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
0.1 to 0.9 acres	-	-	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-	-	-
2.0 to 2.9 acres	2	2	-	-	-	-	-	-	-
3.0 to 4.9 acres	1	-	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-	-	-
25.0 acres or more	-	-	-	-	-	-	-	-	-
Soybeans for beans	48,752 farms	37,797	45	6	18	682	-	-	682
	10,418,621 acres	8,688,994	3,803	196	1,593	51,926	-	-	51,926
	487,380,897 bushels	404,167,934	171,709	8,655	64,192	2,278,331	-	-	2,278,331
Irrigated	283 farms	238	6	-	-	3	-	-	3
	46,977 acres	43,789	138	-	-	(D)	-	-	(D)
Farms by acres harvested:									
1 to 24 acres	3,907	2,273	15	3	3	218	-	-	218
25 to 99 acres	15,373	11,485	19	3	6	308	-	-	308
100 to 249 acres	15,183	12,004	6	-	9	116	-	-	116
250 to 499 acres	9,371	7,698	5	-	-	32	-	-	32
500 acres or more	4,918	4,337	-	-	-	8	-	-	8
Dry edible beans, excluding limas	56 farms	35	3	-	-	4	-	-	4
	2,270 acres	1,912	3	-	-	42	-	-	42
	71,739 cwt	63,378	26	-	-	1,212	-	-	1,212
Irrigated	- farms	-	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres	28	13	3	-	-	4	-	-	4
25 to 99 acres	22	16	-	-	-	-	-	-	-
100 to 249 acres	5	5	-	-	-	-	-	-	-
250 to 499 acres	1	1	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-	-
Potatoes	117 farms	20	62	3	2	9	-	-	9
	1,005 acres	330	637	1	(D)	5	-	-	5
	231,352 cwt	83,929	137,848	325	(D)	3,519	-	-	3,519
Irrigated	13 farms	1	11	1	-	-	-	-	-
	91 acres	(D)	(D)	(D)	-	-	-	-	-
Farms by acres harvested:									
0.1 to 4.9 acres	104	15	55	3	2	9	-	-	9
5.0 to 24.9 acres	6	1	4	-	-	-	-	-	-
25.0 to 99.9 acres	3	2	1	-	-	-	-	-	-
100.0 to 249.9 acres	3	2	1	-	-	-	-	-	-
250.0 acres or more	1	-	1	-	-	-	-	-	-
Sweet potatoes	18 farms	-	13	-	-	-	-	-	-
	8 acres	-	(D)	-	-	-	-	-	-
	639 cwt	-	612	-	-	-	-	-	-
Irrigated	3 farms	-	3	-	-	-	-	-	-
	(D) acres	-	(D)	-	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	33,406 farms	13,541	69	36	45	4,675	-	-	4,675
	1,533,027 acres	536,822	1,392	433	836	194,645	-	-	194,645
	5,177,896 tons, dry	1,773,716	4,222	797	2,776	662,668	-	-	662,668
Irrigated	28 farms	12	1	-	-	6	-	-	6
	1,424 acres	443	(D)	-	-	736	-	-	736
Farms by acres harvested:									
1 to 24 acres	15,567	6,876	54	31	37	2,651	-	-	2,651
25 to 99 acres	13,845	5,440	14	5	6	1,577	-	-	1,577
100 to 249 acres	3,500	1,096	-	-	2	360	-	-	360
250 to 499 acres	428	112	1	-	-	72	-	-	72
500 acres or more	66	17	-	-	-	15	-	-	15
Alfalfa hay	29,114 farms	12,125	52	23	35	3,860	-	-	3,860
	1,168,668 acres	436,196	1,237	210	559	152,146	-	-	152,146
	4,183,945 tons, dry	1,530,923	3,826	414	2,356	567,829	-	-	567,829
Irrigated	22 farms	9	1	-	-	6	-	-	6
	1,214 acres	353	(D)	-	-	736	-	-	736
Other tame hay	5,579 farms	1,834	14	11	5	910	-	-	910
	217,296 acres	60,487	98	165	150	31,985	-	-	31,985
	426,591 tons, dry	125,919	219	186	203	59,677	-	-	59,677
Irrigated	4 farms	3	-	-	-	-	-	-	-
	(D) acres	4	-	-	-	-	-	-	-
Land used for vegetables (see text)	752 farms	170	313	37	38	63	-	-	63
	9,268 acres	2,873	4,827	123	135	576	-	-	576
Irrigated	117 farms	16	59	12	6	11	-	-	11
	1,197 acres	53	1,021	40	(D)	21	-	-	21
Farms by acres harvested:									
0.1 to 4.9 acres	511	109	187	30	30	41	-	-	41
5.0 to 24.9 acres	163	39	84	6	7	17	-	-	17
25.0 to 99.9 acres	57	14	31	1	1	4	-	-	4
100.0 to 249.9 acres	15	5	8	-	-	1	-	-	1
250.0 acres or more	6	3	3	-	-	-	-	-	-
Snap beans harvested for sale	176 farms	13	111	7	7	12	-	-	12
	511 acres	14	474	(D)	4	3	-	-	3
Harvested for processing	15 farms	-	8	-	1	-	-	-	-
	262 acres	-	249	-	(D)	-	-	-	-

See footnote(s) at end of table.

--continued

**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>CROPS HARVESTED - Con.</b>							
Tobacco	farms	-	1	-	-	-	-
	acres	-	(D)	-	-	-	-
	pounds	-	(D)	-	-	-	-
Irrigated	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Farms by acres harvested:							
	0.1 to 0.9 acres	-	-	-	-	-	-
	1.0 to 1.9 acres	-	-	-	-	-	-
	2.0 to 2.9 acres	-	-	-	-	-	-
	3.0 to 4.9 acres	-	1	-	-	-	-
	5.0 to 9.9 acres	-	-	-	-	-	-
	10.0 to 24.9 acres	-	-	-	-	-	-
	25.0 acres or more	-	-	-	-	-	-
Soybeans for beans	farms	2,063	2,453	965	3,574	99	58
	acres	160,737	441,523	83,720	765,075	17,856	2,350
	bushels	6,879,356	21,447,249	4,101,846	37,573,891	873,001	103,168
Irrigated	farms	4	5	-	25	-	-
	acres	275	327	-	2,270	-	(D)
Farms by acres harvested:							
	1 to 24 acres	615	239	204	193	12	35
	25 to 99 acres	983	839	476	936	27	19
	100 to 249 acres	355	788	224	1,317	32	2
	250 to 499 acres	80	429	54	841	23	2
	500 acres or more	30	158	7	287	5	-
Dry edible beans, excluding limas	farms	3	2	4	1	3	-
	acres	54	(D)	82	(D)	66	(D)
	cwt	980	(D)	1,772	(D)	1,550	(D)
Irrigated	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Farms by acres harvested:							
	1 to 24 acres	3	-	2	-	2	-
	25 to 99 acres	-	2	2	1	1	-
	100 to 249 acres	-	-	-	-	-	-
	250 to 499 acres	-	-	-	-	-	-
	500 acres or more	-	-	-	-	-	-
Potatoes	farms	7	-	8	1	-	1
	acres	2	-	(D)	(D)	-	(D)
	cwt	251	-	(D)	(D)	-	(D)
Irrigated	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Farms by acres harvested:							
	0.1 to 4.9 acres	7	-	7	1	-	1
	5.0 to 24.9 acres	-	-	1	-	-	-
	25.0 to 99.9 acres	-	-	-	-	-	-
	100.0 to 249.9 acres	-	-	-	-	-	-
	250.0 acres or more	-	-	-	-	-	-
Sweet potatoes	farms	4	1	-	-	-	-
	acres	(Z)	(D)	-	-	-	-
	cwt	(D)	(D)	-	-	-	-
Irrigated	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	farms	6,367	2,799	2,052	1,591	112	388
	acres	347,038	156,545	165,630	58,180	3,381	6,474
	tons, dry	967,477	578,074	743,538	205,427	11,129	15,901
Irrigated	farms	1	5	-	2	-	-
	acres	(D)	93	-	(D)	-	(D)
Farms by acres harvested:							
	1 to 24 acres	2,354	1,036	233	889	83	317
	25 to 99 acres	3,026	1,304	1,231	560	22	66
	100 to 249 acres	867	395	534	130	5	5
	250 to 499 acres	107	54	47	11	1	23
	500 acres or more	13	10	7	1	1	2
Alfalfa hay	farms	5,412	2,512	1,880	1,366	86	322
	acres	240,493	122,581	115,476	46,096	1,994	4,990
	tons, dry	749,003	477,956	481,442	174,244	7,383	13,700
Irrigated	farms	1	3	-	1	-	-
	acres	(D)	76	-	(D)	-	(D)
Other tame hay	farms	1,588	381	149	251	19	70
	acres	85,653	15,835	4,226	6,939	1,129	923
	tons, dry	161,615	31,705	9,641	13,146	2,899	1,220
Irrigated	farms	-	-	-	-	-	-
	acres	(D)	-	-	-	-	-
Land used for vegetables (see text)	farms	23	13	18	35	7	6
	acres	33	74	72	392	27	3
Irrigated	farms	2	-	1	2	3	-
	acres	(D)	-	(D)	(D)	(D)	-
Farms by acres harvested:							
	0.1 to 4.9 acres	23	10	14	29	6	6
	5.0 to 24.9 acres	-	2	3	2	-	-
	25.0 to 99.9 acres	-	1	1	3	-	-
	100.0 to 249.9 acres	-	-	-	1	-	-
	250.0 acres or more	-	-	-	-	-	-
Snap beans harvested for sale	farms	5	-	6	4	3	1
	acres	1	-	3	1	(Z)	(D)
Harvested for processing	farms	2	-	2	-	-	-
	acres	(D)	-	(D)	-	-	(D)

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>CROPS HARVESTED - Con.</b>									
Land used for vegetables (see text) - Con.									
Peas, green, harvested for sale . . . . . farms	46	8	23	1	3	1	-	-	1
acres	1,140	577	278	(D)	(D)	(D)	-	-	(D)
Harvested for processing . . . . . farms	6	6	-	-	-	-	-	-	-
acres	493	493	-	-	-	-	-	-	-
Sweet corn harvested for sale . . . . . farms	462	132	190	14	13	27	-	-	27
acres	4,876	2,081	1,991	38	30	276	-	-	276
Harvested for processing . . . . . farms	58	24	18	2	-	3	-	-	3
acres	1,891	1,296	338	(D)	-	(D)	-	-	(D)
Tomatoes harvested for sale . . . . . farms	288	22	171	16	17	28	-	-	28
acres	205	12	139	9	16	21	-	-	21
Harvested for processing . . . . . farms	25	1	14	1	1	4	-	-	4
acres	17	(D)	13	(D)	(D)	1	-	-	1
Field and grass seed crops, All . . . . . farms	87	31	-	1	1	25	-	-	25
acres	2,757	1,305	-	(D)	(D)	679	-	-	679
Irrigated . . . . . farms	-	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-	-
All land in orchards . . . . . farms	493	53	39	259	22	48	-	-	48
acres	3,141	113	63	2,517	57	195	-	-	195
Irrigated . . . . . farms	26	3	5	12	-	4	-	-	4
acres	(D)	5	3	(D)	-	(D)	-	-	(D)
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres . . . . . farms	352	45	36	143	20	40	-	-	40
5.0 to 24.9 acres . . . . . farms	117	8	3	97	1	6	-	-	6
25.0 to 99.9 acres . . . . . farms	21	-	-	16	1	2	-	-	2
100.0 to 249.9 acres . . . . . farms	2	-	-	2	-	-	-	-	-
250.0 acres or more . . . . . farms	1	-	-	1	-	-	-	-	-
Apples . . . . . farms	344	30	33	186	16	32	-	-	32
Bearing and nonbearing acres	2,025	58	48	1,682	49	135	-	-	135
Grapes . . . . . farms	133	22	10	53	8	14	-	-	14
Bearing and nonbearing acres	154	31	7	89	(D)	11	-	-	11
Peaches, All . . . . . farms	61	3	6	34	1	7	-	-	7
Bearing and nonbearing acres	23	3	3	12	(D)	1	-	-	1
Pecans . . . . . farms	15	1	1	8	1	2	-	-	2
Bearing and nonbearing acres	15	(D)	(D)	14	(D)	(D)	-	-	(D)
Walnuts, English . . . . . farms	26	2	1	18	1	1	-	-	1
Bearing and nonbearing acres	122	(D)	(D)	100	(D)	(D)	-	-	(D)
Land in berries harvested for sale (see text) . . . . . farms									
acres	168	27	40	51	9	19	-	-	19
Irrigated . . . . . farms	228	28	44	101	13	33	-	-	33
acres	53	4	11	18	4	10	-	-	10
Irrigated . . . . . farms	116	(D)	8	63	11	22	-	-	22

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>CROPS HARVESTED - Con.</b>							
Land used for vegetables (see text) - Con.							
Peas, green, harvested for sale . . . . . farms	-	2	3	4	-	-	1
acres	-	(D)	1	158	-	-	(D)
Harvested for processing . . . . . farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Sweet corn harvested for sale . . . . . farms	16	7	13	29	3	3	15
acres	27	23	48	274	(D)	(D)	85
Harvested for processing . . . . . farms	5	-	-	1	-	-	5
acres	5	-	-	(D)	-	-	(D)
Tomatoes harvested for sale . . . . . farms	8	2	5	6	2	3	8
acres	(D)	(D)	(D)	1	(D)	(Z)	1
Harvested for processing . . . . . farms	2	-	-	-	-	-	2
acres	(D)	-	-	-	-	-	(D)
Field and grass seed crops, All . . . . . farms	14	3	2	4	-	-	6
acres	239	(D)	(D)	7	-	-	69
Irrigated . . . . . farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
All land in orchards . . . . . farms	25	3	3	7	10	3	21
acres	68	(D)	(D)	48	22	5	45
Irrigated . . . . . farms	-	-	-	1	-	-	1
acres	-	-	-	(D)	-	-	(D)
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres . . . . .	24	3	3	6	9	3	20
5.0 to 24.9 acres . . . . .	-	-	-	-	1	-	1
25.0 to 99.9 acres . . . . .	1	-	-	1	-	-	-
100.0 to 249.9 acres . . . . .	-	-	-	-	-	-	-
250.0 acres or more . . . . .	-	-	-	-	-	-	-
Apples . . . . . farms	18	3	1	5	7	3	10
Bearing and nonbearing acres	17	(D)	(D)	7	7	(D)	15
Grapes . . . . . farms	12	-	1	2	4	-	7
Bearing and nonbearing acres	5	-	(D)	(D)	1	-	7
Peaches, All . . . . . farms	1	-	2	1	2	2	2
Bearing and nonbearing acres	(D)	-	(D)	(D)	(D)	(D)	(D)
Pecans . . . . . farms	-	-	-	-	1	-	1
Bearing and nonbearing acres	-	-	-	-	(D)	-	(D)
Walnuts, English . . . . . farms	-	-	1	-	-	-	2
Bearing and nonbearing acres	-	-	(D)	-	-	-	(D)
Land in berries harvested for sale (see text) . . . . . farms	2	3	8	1	5	-	3
acres	(D)	2	2	(D)	1	-	(D)
Irrigated . . . . . farms	2	1	2	1	-	-	-
acres	(D)	(D)	(D)	(D)	-	-	-

<sup>1</sup> Data do not include the value of cottonseed and peanuts.  
<sup>2</sup> Data are based on a sample of farms.  
<sup>3</sup> Landlord production expenses are included with total farm production expenses.  
<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARMS AND LAND IN FARMS</b>								
Farms	90,655	61,935	628	3,408	11,228	15,583	13,619	17,469
	percent	68.3	0.7	3.8	12.4	17.2	15.0	19.3
Land in farms	31,729,490	28,126,552	204,988	1,382,493	5,789,885	8,979,231	6,477,258	5,292,697
Average size of farm	350	454	326	406	516	576	476	303
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>								
Total (see text)	90,655	61,935	628	3,408	11,228	15,583	13,619	17,469
Average per farm	\$1,000	\$12,812,531	\$11,475,357	\$77,705	\$712,992	\$2,807,565	\$3,762,944	\$2,397,106
Farms by economic class:	141,333	185,281	123,734	209,211	250,050	241,477	176,012	98,291
Less than \$1,000 (see text)	5,250	2,129	16	111	335	463	449	755
\$1,000 to \$2,499	8,594	3,109	34	91	538	549	590	1,307
\$2,500 to \$4,999	6,906	2,779	22	109	386	457	593	1,212
\$5,000 to \$9,999	7,692	3,530	31	143	438	570	730	1,618
\$10,000 to \$24,999	11,568	6,636	81	287	751	1,150	1,414	2,953
\$25,000 to \$49,999	10,417	7,418	96	402	971	1,367	1,619	2,963
\$50,000 to \$99,999	11,850	9,748	120	585	1,484	2,320	2,254	2,985
\$100,000 to \$249,999	15,240	14,033	149	863	2,944	4,302	3,345	2,430
\$250,000 to \$499,999	8,128	7,813	57	504	2,024	2,701	1,735	792
\$500,000 to \$999,999	3,420	3,278	15	224	926	1,192	611	310
\$1,000,000 or more	1,590	1,462	7	89	431	512	279	144
\$1,000,000 to \$2,499,999	1,312	1,235	6	78	370	426	241	114
\$2,500,000 to \$4,999,999	168	147	1	6	40	58	28	14
\$5,000,000 or more	110	80	-	5	21	28	10	16
Total sales (see text)	90,655	61,935	628	3,408	11,228	15,583	13,619	17,469
	\$1,000	\$12,273,634	\$11,023,904	\$75,323	\$695,524	\$2,720,799	\$3,624,396	\$2,288,983
Grains, oilseeds, dry beans, and dry peas <sup>1</sup>	55,294	45,529	479	2,566	8,581	12,437	10,334	11,132
	\$1,000	5,858,528	5,455,161	41,252	285,203	1,213,543	1,850,334	1,244,625
Sales of \$50,000 or more	29,658	27,448	236	1,514	5,849	8,590	6,483	4,776
	\$1,000	5,334,562	5,055,076	35,815	262,328	1,152,503	1,761,797	1,159,765
Tobacco	3	3	-	-	-	-	1	1
	\$1,000	29	29	-	-	-	(D)	(D)
Sales of \$50,000 or more	-	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more	-	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes	757	506	6	40	95	139	111	115
	\$1,000	19,491	16,419	114	446	3,376	6,321	2,742
Sales of \$50,000 or more	77	62	-	3	9	22	13	15
	\$1,000	13,401	11,840	-	211	2,771	5,032	1,428
Fruits, tree nuts, and berries	412	216	1	12	37	44	59	63
	\$1,000	4,496	2,611	(D)	(D)	(D)	521	699
Sales of \$50,000 or more	13	9	-	-	-	2	4	3
	\$1,000	1,313	993	-	-	-	(D)	(D)
Nursery, greenhouse, floriculture, and sod (see text)	554	271	1	9	47	77	76	61
	\$1,000	77,610	32,031	(D)	(D)	3,477	6,777	12,734
Sales of \$50,000 or more	165	84	-	1	16	22	30	15
	\$1,000	72,506	29,765	-	(D)	(D)	6,089	12,158
Cut Christmas trees and short-rotation woody crops	215	106	-	5	9	20	34	38
	\$1,000	1,424	903	-	22	(D)	(D)	(D)
Sales of \$50,000 or more	2	2	-	-	-	-	2	-
	\$1,000	(D)	(D)	-	-	-	(D)	-
Other crops and hay (see text)	12,703	9,078	67	475	1,755	2,408	1,957	2,416
	\$1,000	109,695	89,901	786	4,077	18,738	25,281	19,136
Sales of \$50,000 or more	319	280	3	11	53	71	66	76
	\$1,000	29,955	26,720	197	861	5,461	8,366	5,370
Cattle and calves	29,515	23,189	261	1,480	4,747	6,091	4,954	5,656
	\$1,000	2,119,935	1,986,048	9,479	131,467	467,797	629,530	406,367
Sales of \$50,000 or more	6,374	5,975	48	396	1,420	1,786	1,361	964
	\$1,000	1,770,185	1,697,431	6,729	114,377	412,068	552,936	344,397
Milk and other dairy products from cows	2,913	2,684	13	278	754	768	515	356
	\$1,000	442,431	413,569	(D)	(D)	135,321	132,538	81,679
Sales of \$50,000 or more	1,969	1,891	7	150	565	565	359	206
	\$1,000	419,340	393,377	872	25,549	131,566	126,682	77,634
Hogs and pigs	11,275	9,838	124	842	2,825	3,246	1,708	1,093
	\$1,000	3,078,455	2,615,234	(D)	(D)	805,758	872,236	393,534
Sales of \$50,000 or more	7,453	6,775	69	612	2,102	2,324	1,115	553
	\$1,000	3,007,680	2,553,700	(D)	(D)	790,229	852,932	381,727
Sheep, goats, and their products	3,842	2,411	26	181	517	631	521	535
	\$1,000	23,366	19,565	102	2,191	4,166	5,209	4,521
Sales of \$50,000 or more	63	57	-	11	14	15	12	5
	\$1,000	10,411	9,955	-	1,282	1,820	2,493	2,363
Horses, ponies, mules, burros, and donkeys	2,845	1,572	8	144	316	427	352	325
	\$1,000	13,643	8,488	12	558	1,437	2,198	2,379
Sales of \$50,000 or more	23	17	-	-	3	2	4	7
	\$1,000	2,415	1,850	-	(D)	228	(D)	776
Poultry and eggs	1,572	961	5	82	238	313	164	159
	\$1,000	511,949	375,897	(D)	(D)	64,716	91,538	118,468
Sales of \$50,000 or more	222	189	1	22	41	67	38	20
	\$1,000	509,004	373,853	(D)	(D)	64,238	90,978	118,037

See footnote(s) at end of table.

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Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARMS AND LAND IN FARMS</b>							
Farms . . . . . number	28,720	241	1,874	6,103	8,972	6,608	4,922
percent	31.7	0.3	2.1	6.7	9.9	7.3	5.4
Land in farms . . . . . acres	3,602,938	20,776	204,371	678,255	1,147,500	900,233	651,803
Average size of farm . . . . . acres	125	86	109	111	128	136	132
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>							
Total (see text) . . . . . farms	28,720	241	1,874	6,103	8,972	6,608	4,922
Average per farm . . . . . \$1,000	1,337,173	5,384	73,940	248,364	417,500	467,124	124,862
Farms by economic class: . . . . . dollars	46,559	22,341	39,456	40,695	46,534	70,691	25,368
Less than \$1,000 (see text) . . . . .	3,121	19	187	681	1,042	708	484
\$1,000 to \$2,499 . . . . .	5,485	28	326	1,229	1,606	1,219	1,077
\$2,500 to \$4,999 . . . . .	4,127	32	234	868	1,220	981	792
\$5,000 to \$9,999 . . . . .	4,162	32	230	801	1,265	1,047	787
\$10,000 to \$24,999 . . . . .	4,932	66	325	915	1,555	1,191	880
\$25,000 to \$49,999 . . . . .	2,999	36	236	639	949	693	446
\$50,000 to \$99,999 . . . . .	2,102	20	187	475	726	439	255
\$100,000 to \$249,999 . . . . .	1,207	7	102	340	433	194	131
\$250,000 to \$499,999 . . . . .	315	1	27	93	87	63	44
\$500,000 to \$999,999 . . . . .	142	-	14	36	45	32	15
\$1,000,000 or more . . . . .	128	-	6	26	44	41	11
\$1,000,000 to \$2,499,999 . . . . .	77	-	6	20	26	16	9
\$2,500,000 to \$4,999,999 . . . . .	21	-	-	4	8	8	1
\$5,000,000 or more . . . . .	30	-	-	2	10	17	1
Total sales (see text) . . . . . farms	28,720	241	1,874	6,103	8,972	6,608	4,922
\$1,000	1,249,731	5,135	70,607	233,741	392,153	443,606	104,490
Grains, oilseeds, dry beans, and dry peas <sup>1</sup> . . . . . farms	9,765	118	753	2,078	3,261	2,164	1,391
\$1,000	403,367	2,972	26,702	83,353	123,684	113,953	52,703
Sales of \$50,000 or more . . . . . farms	2,210	17	172	516	746	452	307
\$1,000	279,486	1,245	16,500	56,747	81,970	87,749	35,275
Tobacco . . . . . farms	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms	251	4	16	42	96	61	32
\$1,000	3,072	10	797	589	601	623	451
Sales of \$50,000 or more . . . . . farms	15	-	2	4	1	3	5
\$1,000	1,561	-	(D)	304	(D)	(D)	351
Fruits, tree nuts, and berries . . . . . farms	196	-	8	36	67	51	34
\$1,000	1,885	-	(D)	(D)	603	602	429
Sales of \$50,000 or more . . . . . farms	4	-	-	-	1	2	1
\$1,000	319	-	-	-	(D)	(D)	(D)
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms	283	2	16	45	112	72	36
\$1,000	45,579	(D)	(D)	(D)	9,073	18,218	9,082
Sales of \$50,000 or more . . . . . farms	81	-	4	16	34	20	7
\$1,000	42,741	-	668	7,918	8,023	17,534	8,597
Cut Christmas trees and short-rotation woody crops . . . . . farms	109	-	-	21	39	32	17
\$1,000	521	-	-	137	(D)	143	(D)
Sales of \$50,000 or more . . . . . farms	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-
Other crops and hay (see text) . . . . . farms	3,625	25	230	808	1,279	815	468
\$1,000	19,794	114	1,156	4,347	6,989	4,193	2,995
Sales of \$50,000 or more . . . . . farms	39	-	4	8	15	5	7
\$1,000	3,234	-	325	666	1,310	400	534
Cattle and calves . . . . . farms	6,326	77	573	1,643	2,028	1,280	725
\$1,000	133,887	865	12,717	35,373	39,956	31,414	13,562
Sales of \$50,000 or more . . . . . farms	399	1	46	105	127	79	41
\$1,000	72,754	(D)	7,308	20,389	21,035	18,042	(D)
Milk and other dairy products from cows . . . . . farms	229	10	15	58	70	48	28
\$1,000	28,862	344	1,072	14,259	3,254	8,178	1,756
Sales of \$50,000 or more . . . . . farms	78	2	4	16	24	22	10
\$1,000	25,962	(D)	(D)	13,554	2,316	7,665	1,325
Hogs and pigs . . . . . farms	1,437	22	172	447	463	228	105
\$1,000	463,220	688	25,715	83,582	116,322	218,730	18,184
Sales of \$50,000 or more . . . . . farms	678	5	85	228	216	103	41
\$1,000	453,979	(D)	24,618	81,115	113,198	217,279	(D)
Sheep, goats, and their products . . . . . farms	1,431	21	118	396	479	281	136
\$1,000	3,800	102	251	923	1,423	824	277
Sales of \$50,000 or more . . . . . farms	6	1	-	1	3	1	-
\$1,000	457	(D)	-	(D)	209	(D)	-
Horses, ponies, mules, burros, and donkeys . . . . . farms	1,273	1	87	338	473	288	86
\$1,000	5,155	(D)	343	1,341	1,982	1,116	(D)
Sales of \$50,000 or more . . . . . farms	6	-	-	2	3	-	1
\$1,000	564	-	-	(D)	214	-	(D)
Poultry and eggs . . . . . farms	611	2	49	191	209	115	45
\$1,000	136,052	(D)	(D)	781	86,497	44,976	(D)
Sales of \$50,000 or more . . . . . farms	33	-	1	2	18	9	3
\$1,000	135,151	-	(D)	(D)	86,184	44,758	(D)

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>								
Total (see text) - Con.								
Total sales (see text) - Con.								
Aquaculture (see text) . . . . . farms	47	27	-	1	16	5	2	3
\$1,000	2,308	1,460	-	(D)	833	(D)	(D)	(D)
Sales of \$50,000 or more . . . . . farms	10	6	-	-	4	1	-	1
\$1,000	2,131	1,329	-	-	(D)	(D)	-	(D)
Other animals and other animal products (see text) . . . . . farms	563	284	4	19	67	79	66	49
\$1,000	10,276	6,587	4	1,124	1,285	1,340	1,733	1,101
Sales of \$50,000 or more . . . . . farms	36	24	-	4	5	7	5	3
\$1,000	7,787	5,346	-	1,110	1,058	1,029	1,331	819
Government payments . . . . . farms	63,074	44,995	349	2,097	7,891	11,614	10,208	12,836
\$1,000	538,896	451,454	2,381	17,468	86,766	138,548	108,123	98,167
Value of -								
Certified organically produced commodities (see text) . . . . . farms	402	320	2	38	72	93	49	66
\$1,000	13,333	12,556	(D)	(D)	3,578	3,997	1,927	2,113
Landlord's share of total sales (see text) . . . . . farms	10,707	9,524	112	525	1,935	3,262	2,170	1,520
\$1,000	519,739	491,907	3,572	26,309	115,842	187,046	104,113	55,025
Agricultural products sold directly to individuals for human consumption (see text) . . . . . farms	2,455	1,478	18	88	351	470	267	284
\$1,000	11,651	8,730	35	635	1,635	2,520	1,567	2,338
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>								
Total farm production expenses . . . . . farms	90,648	61,363	596	3,298	11,122	15,208	13,661	17,478
\$1,000	10,303,448	9,087,697	68,255	564,824	2,234,194	2,948,608	1,908,906	1,362,910
Average per farm . . . . . dollars	113,664	148,097	114,521	171,263	200,881	193,885	139,734	77,979
Fertilizer, lime, and soil conditioners purchased . . . . . farms	61,514	48,246	471	2,661	9,171	12,888	11,090	11,965
\$1,000	665,890	615,894	3,950	25,992	129,570	207,148	148,706	100,528
Farms with expenses of-								
\$1 to \$4,999 . . . . .	28,624	18,317	215	1,238	3,035	3,756	3,996	6,077
\$5,000 to \$24,999 . . . . .	25,550	22,795	229	1,223	4,482	6,427	5,378	5,056
\$25,000 to \$49,999 . . . . .	5,538	5,375	24	155	1,259	2,022	1,243	672
\$50,000 or more . . . . .	1,802	1,759	3	45	395	683	473	160
Chemicals purchased . . . . . farms	54,776	41,232	443	2,209	7,515	10,653	9,837	10,575
\$1,000	464,509	424,969	3,345	18,702	89,850	142,362	101,990	68,720
Farms with expenses of-								
\$1 to \$4,999 . . . . .	29,778	18,343	243	1,044	2,813	3,565	4,184	6,494
\$5,000 to \$24,999 . . . . .	20,455	18,525	175	1,029	3,729	5,346	4,650	3,596
\$25,000 to \$49,999 . . . . .	3,719	3,574	23	118	813	1,418	806	396
\$50,000 or more . . . . .	824	790	2	18	160	324	197	89
Seeds, plants, vines, and trees . . . . . farms	59,724	46,027	458	2,511	8,626	12,075	10,644	11,713
\$1,000	603,316	552,820	3,391	25,444	118,913	183,932	128,742	92,399
Farms with expenses of-								
\$1 to \$999 . . . . .	11,754	5,690	83	281	704	1,003	1,352	2,267
\$1,000 to \$4,999 . . . . .	17,485	12,558	150	737	2,057	2,812	4,277	4,277
\$5,000 to \$24,999 . . . . .	24,681	22,152	204	1,277	4,543	6,465	5,153	4,510
\$25,000 to \$49,999 . . . . .	4,496	4,352	16	173	1,049	1,588	1,050	476
\$50,000 or more . . . . .	1,308	1,275	5	43	273	494	277	183
Livestock and poultry purchased . . . . . farms	25,756	20,048	260	1,441	4,784	6,084	4,243	3,236
\$1,000	1,854,227	1,686,883	12,302	133,991	458,205	546,563	326,174	209,647
Farms with expenses of-								
\$1 to \$4,999 . . . . .	12,317	8,478	128	453	1,751	2,488	1,879	1,779
\$5,000 to \$24,999 . . . . .	5,383	4,263	56	223	1,043	1,202	988	751
\$25,000 to \$99,999 . . . . .	4,095	3,659	22	480	946	1,305	554	352
\$100,000 to \$249,999 . . . . .	2,216	2,038	47	162	581	554	504	190
\$250,000 or more . . . . .	1,745	1,610	7	123	463	535	318	164
Breeding livestock purchased (see text) . . . . . farms	13,436	10,568	152	680	2,535	3,140	2,269	1,792
\$1,000	100,883	71,919	726	5,232	21,053	22,428	13,690	8,790
Other livestock and poultry purchased . . . . . farms	16,372	12,756	142	1,036	3,097	3,958	2,657	1,866
\$1,000	1,753,344	1,614,964	11,576	128,759	437,152	524,135	312,484	200,858
Feed purchased . . . . . farms	41,037	30,540	306	2,001	6,529	8,575	6,635	6,494
\$1,000	1,922,817	1,625,336	16,834	132,473	451,094	501,238	284,406	239,292
Farms with expenses of-								
\$1 to \$4,999 . . . . .	22,966	14,915	118	832	2,367	3,840	3,510	4,248
\$5,000 to \$24,999 . . . . .	8,952	7,294	92	412	1,667	2,070	1,676	1,377
\$25,000 to \$99,999 . . . . .	5,557	5,119	21	469	1,492	1,595	919	623
\$100,000 to \$249,999 . . . . .	1,952	1,767	68	159	537	587	289	127
\$250,000 or more . . . . .	1,610	1,445	7	129	466	483	241	119
Gasoline, fuels, and oils . . . . . farms	87,485	60,150	564	3,234	10,988	14,944	13,414	17,006
\$1,000	348,189	305,062	2,136	17,343	69,832	99,117	66,789	49,846
Farms with expenses of-								
\$1 to \$4,999 . . . . .	67,422	41,606	453	2,316	6,432	8,733	9,191	14,481
\$5,000 to \$24,999 . . . . .	18,367	16,979	103	806	4,117	5,658	3,925	2,370
\$25,000 to \$49,999 . . . . .	1,289	1,206	5	81	339	432	231	118
\$50,000 or more . . . . .	407	359	3	31	100	121	67	37

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>							
Total (see text) - Con.							
Total sales (see text) - Con.							
Aquaculture (see text) farms	20	2	3	2	2	10	1
\$1,000	847	(D)	(D)	(D)	(D)	18	(D)
Sales of \$50,000 or more farms	4	-	2	1	-	-	1
\$1,000	803	-	(D)	(D)	-	-	(D)
Other animals and other animal products (see text) farms	279	-	17	75	101	62	24
\$1,000	3,689	-	223	429	1,634	618	786
Sales of \$50,000 or more farms	12	-	2	1	4	4	1
\$1,000	2,442	-	(D)	(D)	1,305	307	(D)
Government payments farms	18,079	89	995	3,504	5,504	4,377	3,610
\$1,000	87,443	249	3,334	14,623	25,347	23,518	20,372
<b>Value of -</b>							
Certified organically produced commodities (see text) farms	82	2	10	17	29	18	6
\$1,000	776	(D)	113	(D)	293	144	(D)
Landlord's share of total sales (see text) farms	1,183	22	124	276	441	232	88
\$1,000	27,832	246	3,169	4,993	12,438	4,800	2,185
Agricultural products sold directly to individuals for human consumption (see text) farms	977	9	89	277	341	181	80
\$1,000	2,921	19	195	805	874	641	387
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>							
Total farm production expenses farms	29,285	295	1,971	6,459	9,116	6,597	4,847
\$1,000	1,215,751	6,589	63,992	259,781	396,199	388,089	101,101
Average per farm dollars	41,514	22,335	32,467	40,220	43,462	58,828	20,858
Fertilizer, lime, and soil conditioners purchased farms	13,268	179	1,014	2,971	4,336	2,992	1,776
\$1,000	49,996	449	3,451	12,330	16,436	10,450	6,882
Farms with expenses of-							
\$1 to \$4,999	10,307	153	843	2,196	3,396	2,414	1,305
\$5,000 to \$24,999	2,755	26	157	710	864	547	451
\$25,000 to \$49,999	163	-	4	55	69	19	16
\$50,000 or more	43	-	10	10	7	12	4
Chemicals purchased farms	13,544	129	1,043	3,149	4,318	3,037	1,868
\$1,000	39,540	389	2,830	9,889	13,507	7,930	4,994
Farms with expenses of-							
\$1 to \$4,999	11,435	99	875	2,620	3,535	2,681	1,625
\$5,000 to \$24,999	1,930	30	166	461	749	315	209
\$25,000 to \$49,999	145	-	1	57	30	25	32
\$50,000 or more	34	-	1	11	4	16	2
Seeds, plants, vines, and trees farms	13,697	155	930	3,078	4,511	2,994	2,029
\$1,000	50,496	428	3,387	10,704	15,857	12,758	7,361
Farms with expenses of-							
\$1 to \$999	6,064	33	326	1,354	2,056	1,320	975
\$1,000 to \$4,999	4,927	104	421	1,147	1,505	1,137	613
\$5,000 to \$24,999	2,529	18	173	540	894	499	405
\$25,000 to \$49,999	144	-	8	25	48	31	32
\$50,000 or more	33	-	2	12	8	7	4
Livestock and poultry purchased farms	5,708	164	606	1,644	2,035	854	405
\$1,000	167,345	1,100	11,033	47,260	58,861	41,846	7,245
Farms with expenses of-							
\$1 to \$4,999	3,839	122	413	1,052	1,375	599	278
\$5,000 to \$24,999	1,120	31	118	326	444	106	95
\$25,000 to \$99,999	436	11	59	150	96	105	15
\$100,000 to \$249,999	178	-	3	85	66	16	8
\$250,000 or more	135	-	13	31	54	28	9
Breeding livestock purchased (see text) farms	2,868	73	303	939	1,044	339	170
\$1,000	28,964	(D)	974	(D)	4,536	17,720	(D)
Other livestock and poultry purchased farms	3,616	91	374	996	1,300	569	286
\$1,000	138,380	(D)	10,059	(D)	54,325	24,126	(D)
Feed purchased farms	10,497	170	829	2,930	3,630	1,961	977
\$1,000	297,481	1,019	13,641	52,478	99,734	117,702	12,907
Farms with expenses of-							
\$1 to \$4,999	8,051	120	574	2,142	2,901	1,524	790
\$5,000 to \$24,999	1,658	42	175	519	501	307	114
\$25,000 to \$99,999	438	8	54	147	99	75	55
\$100,000 to \$249,999	185	-	12	83	71	12	7
\$250,000 or more	165	-	14	39	58	43	11
Gasoline, fuels, and oils farms	27,335	285	1,833	6,021	8,587	6,138	4,471
\$1,000	43,127	287	2,321	9,894	13,117	12,189	5,320
Farms with expenses of-							
\$1 to \$4,999	25,816	285	1,765	5,612	8,038	5,819	4,297
\$5,000 to \$24,999	1,388	-	64	364	524	283	153
\$25,000 to \$49,999	83	-	2	37	14	11	19
\$50,000 or more	48	-	2	8	11	25	2

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
Utilities (see text) farms	14,757	143	858	3,568	4,988	3,316	1,884
\$1,000	30,323	97	1,676	6,228	10,870	8,449	3,002
Farms with expenses of-							
\$1 to \$999	9,016	119	503	2,101	3,003	2,186	1,104
\$1,000 to \$4,999	4,970	24	280	1,277	1,683	1,011	695
\$5,000 to \$24,999	636	-	62	166	259	82	67
\$25,000 to \$49,999	76	-	13	14	22	14	13
\$50,000 or more	59	-	-	10	21	23	5
Supplies, repairs, and maintenance farms	24,227	231	1,616	5,351	7,765	5,470	3,794
\$1,000	86,890	275	4,901	18,176	27,696	24,644	11,197
Farms with expenses of-							
\$1 to \$4,999	20,156	222	1,366	4,416	6,435	4,526	3,191
\$5,000 to \$24,999	3,627	9	221	862	1,190	800	545
\$25,000 to \$49,999	281	-	23	36	99	70	53
\$50,000 or more	163	-	6	37	41	74	5
Hired farm labor farms	5,282	67	316	1,433	1,789	1,045	632
\$1,000	84,014	72	1,532	10,783	22,741	45,112	3,773
Farms with expenses of-							
\$1 to \$4,999	4,401	66	275	1,272	1,451	808	529
\$5,000 to \$24,999	577	1	16	105	220	161	74
\$25,000 to \$99,999	195	-	24	35	75	37	24
\$100,000 to \$249,999	57	-	1	16	27	11	2
\$250,000 or more	52	-	-	5	16	28	3
Contract labor farms	1,790	8	123	337	584	468	270
\$1,000	9,631	56	610	1,259	3,750	3,290	666
Farms with expenses of-							
\$1 to \$999	891	-	38	187	267	239	160
\$1,000 to \$4,999	738	-	63	112	274	187	102
\$5,000 to \$24,999	127	8	21	31	29	34	4
\$25,000 to \$49,999	14	-	-	4	4	4	2
\$50,000 or more	20	-	1	3	10	4	2
Customwork and custom hauling farms	7,967	78	491	1,682	2,610	1,837	1,269
\$1,000	30,026	170	1,274	5,898	9,332	8,403	4,948
Farms with expenses of-							
\$1 to \$999	3,878	-	239	818	1,169	887	765
\$1,000 to \$4,999	2,768	76	202	574	917	689	310
\$5,000 to \$24,999	1,157	2	44	254	475	232	150
\$25,000 to \$49,999	93	-	3	13	42	6	29
\$50,000 or more	71	-	3	23	7	23	15
Cash rent for land, buildings, and grazing fees farms	5,857	135	681	1,676	1,998	1,014	353
\$1,000	83,948	1,179	6,548	23,528	22,734	25,192	4,768
Farms with expenses of-							
\$1 to \$4,999	3,217	61	363	894	1,093	616	190
\$5,000 to \$9,999	834	23	104	239	267	147	54
\$10,000 to \$24,999	1,123	36	151	298	390	189	59
\$25,000 or more	683	15	63	245	248	62	50
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms	1,471	18	148	448	534	228	95
\$1,000	6,925	84	577	1,857	1,711	2,210	485
Farms with expenses of-							
\$1 to \$999	592	-	58	191	225	69	49
\$1,000 to \$4,999	543	10	62	150	196	106	19
\$5,000 to \$24,999	295	8	27	90	108	38	24
\$25,000 to \$49,999	25	-	-	16	3	4	2
\$50,000 or more	16	-	1	1	2	11	1
Interest expense farms	11,895	179	805	3,138	4,175	2,324	1,274
\$1,000	87,898	496	4,257	19,597	33,059	22,516	7,972
Farms with expenses of-							
\$1 to \$4,999	7,315	142	488	1,883	2,411	1,484	907
\$5,000 to \$24,999	4,029	37	295	1,144	1,500	736	317
\$25,000 to \$99,999	497	-	21	106	247	85	38
\$100,000 or more	54	-	1	5	17	19	12
Secured by real estate farms	9,103	73	512	2,396	3,334	1,917	871
\$1,000	65,118	249	3,002	14,230	25,072	16,577	5,989
Farms with expenses of-							
\$1 to \$999	1,429	20	60	411	388	356	194
\$1,000 to \$4,999	3,979	36	213	969	1,481	903	377
\$5,000 to \$24,999	3,353	17	229	954	1,299	578	276
\$25,000 to \$49,999	245	-	7	54	140	35	9
\$50,000 or more	97	-	3	8	26	45	15
Not secured by real estate farms	5,973	143	549	1,455	2,019	1,100	707
\$1,000	22,779	247	1,256	5,367	7,987	5,939	1,983
Farms with expenses of-							
\$1 to \$999	2,687	58	249	542	877	512	449
\$1,000 to \$4,999	2,341	77	237	634	826	387	180
\$5,000 to \$24,999	826	8	60	249	277	170	62
\$25,000 to \$49,999	79	-	1	23	27	14	14
\$50,000 or more	40	-	2	7	12	17	2
Property taxes paid farms	26,530	164	1,549	5,648	8,543	6,298	4,328
\$1,000	62,586	206	2,426	11,230	20,178	16,891	11,655
Farms with expenses of-							
\$1 to \$4,999	24,036	159	1,467	5,241	7,768	5,591	3,810
\$5,000 to \$9,999	1,681	4	59	302	480	502	334
\$10,000 to \$24,999	679	1	20	87	245	163	163
\$25,000 or more	134	-	3	18	50	42	21

See footnote(s) at end of table.

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Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>								
Total farm production expenses - Con.								
All other production expenses (see text) . . . . . farms	64,832	47,779	397	2,667	8,943	12,506	10,889	12,377
\$1,000	673,475	587,948	3,484	32,413	141,715	195,602	130,053	84,681
Farms with expenses of-								
\$1 to \$4,999 . . . . .	38,522	24,230	246	1,306	3,626	5,235	5,714	8,103
\$5,000 to \$24,999 . . . . .	20,805	18,409	130	1,100	4,023	5,461	3,949	3,746
\$25,000 to \$49,999 . . . . .	3,350	3,129	16	141	814	991	820	347
\$50,000 to \$99,999 . . . . .	1,423	1,378	3	82	298	613	279	103
\$100,000 or more . . . . .	732	633	2	38	182	206	127	78
Production expenses paid by landlords <sup>3</sup> . . . . . farms	10,057	8,615	61	417	1,673	2,740	2,052	1,672
\$1,000	169,575	155,727	477	6,177	41,495	55,325	32,244	20,011
Depreciation expenses claimed (see text) . . . . . farms	49,049	38,735	303	2,278	7,609	11,118	8,993	8,434
\$1,000	1,005,074	889,310	5,282	49,996	209,207	292,070	201,738	131,016
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>								
Net cash farm income of operations (see text) . . . . . farms	90,648	61,363	596	3,298	11,122	15,208	13,661	17,478
\$1,000	2,863,769	2,639,812	10,522	118,828	575,754	877,336	588,384	468,987
Average per farm . . . . . dollars	31,592	43,020	17,655	36,030	51,767	57,689	43,070	26,833
Farms with net gains <sup>4</sup> . . . . . number	60,139	44,499	329	2,224	8,214	11,210	10,006	12,516
Average net gain . . . . . dollars	58,054	69,711	54,971	69,391	83,438	89,944	67,802	44,552
Gain of-								
Less than \$1,000 . . . . .	4,051	1,725	19	56	291	383	319	657
\$1,000 to \$4,999 . . . . .	9,046	4,672	30	180	850	768	1,052	1,792
\$5,000 to \$9,999 . . . . .	7,216	4,501	34	268	648	826	946	1,779
\$10,000 to \$24,999 . . . . .	11,948	8,461	60	417	1,224	1,772	1,767	3,221
\$25,000 to \$49,999 . . . . .	9,806	8,341	86	509	1,381	2,068	1,991	2,306
\$50,000 or more . . . . .	18,072	16,799	100	794	3,820	5,393	3,931	2,761
Farms with net losses . . . . . number	30,509	16,864	267	1,074	2,908	3,998	3,655	4,962
Average net loss . . . . . dollars	20,570	27,412	28,326	33,051	37,690	32,751	24,636	17,860
Loss of-								
Less than \$1,000 . . . . .	3,867	1,794	41	64	178	384	447	680
\$1,000 to \$4,999 . . . . .	9,849	4,693	71	322	668	961	1,035	1,636
\$5,000 to \$9,999 . . . . .	6,228	3,254	45	185	611	740	691	982
\$10,000 to \$24,999 . . . . .	5,386	3,169	36	242	566	731	660	934
\$25,000 to \$49,999 . . . . .	2,498	1,775	24	79	318	526	429	399
\$50,000 or more . . . . .	2,681	2,179	50	182	567	656	393	331
Net cash farm income of operators (see text) . . . . . farms	90,648	61,363	596	3,298	11,122	15,208	13,661	17,478
\$1,000	2,624,949	2,406,589	7,909	114,206	520,968	779,743	545,832	437,932
Average per farm . . . . . dollars	28,958	39,219	13,270	34,629	46,841	51,272	39,955	25,056
Operators reporting net gains <sup>4</sup> . . . . . farms	59,502	43,821	330	2,211	7,968	11,012	9,836	12,464
Average net gain . . . . . dollars	54,850	65,749	47,788	66,853	79,468	83,287	64,782	42,525
Gain of-								
Less than \$1,000 . . . . .	4,142	1,776	19	84	282	382	335	674
\$1,000 to \$4,999 . . . . .	9,385	4,863	33	196	868	831	1,079	1,856
\$5,000 to \$9,999 . . . . .	7,329	4,549	61	334	585	807	941	1,821
\$10,000 to \$24,999 . . . . .	12,387	9,033	67	404	1,341	2,001	1,932	3,288
\$25,000 to \$49,999 . . . . .	9,788	8,323	59	465	1,511	2,185	1,900	2,203
\$50,000 or more . . . . .	16,471	15,277	91	728	3,381	4,806	3,649	2,622
Operators reporting net losses . . . . . farms	31,146	17,542	266	1,087	3,154	4,196	3,825	5,014
Average net loss . . . . . dollars	20,508	27,054	29,554	30,917	35,585	32,750	23,885	18,369
Loss of-								
Less than \$1,000 . . . . .	3,888	1,802	41	85	208	377	449	642
\$1,000 to \$4,999 . . . . .	9,893	4,773	54	269	725	1,014	1,061	1,650
\$5,000 to \$9,999 . . . . .	6,261	3,310	37	195	623	727	712	1,016
\$10,000 to \$24,999 . . . . .	5,650	3,414	60	244	625	794	765	926
\$25,000 to \$49,999 . . . . .	2,629	1,929	25	139	362	545	435	423
\$50,000 or more . . . . .	2,825	2,314	49	155	611	739	403	357
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>								
Total . . . . . farms	17,025	15,072	206	1,120	3,440	4,763	3,163	2,380
\$1,000	709,718	677,166	4,660	35,671	164,551	254,933	147,558	69,793
<b>INCOME FROM FARM-RELATED SOURCES</b>								
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . . farms	40,681	31,790	264	1,631	5,854	8,575	7,155	8,311
\$1,000	339,770	269,728	1,493	12,157	48,770	72,366	58,081	76,862
Customwork and other agricultural services . . . . . farms	10,771	9,645	118	681	2,337	3,233	2,057	1,219
\$1,000	103,243	96,823	896	6,930	26,513	34,543	19,222	8,718
Gross cash rent or share payments . . . . . farms	12,081	7,479	35	211	830	1,393	1,706	3,304
\$1,000	170,001	115,260	259	2,427	9,659	18,870	25,284	58,761
Sales of forest products, excluding Christmas trees and maple products . . . . . farms	688	437	3	14	61	95	108	156
\$1,000	4,934	3,238	9	58	355	702	924	1,191
Recreational services (see text) . . . . . farms	256	174	-	7	29	40	44	54
\$1,000	880	549	-	36	97	128	134	153

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
All other production expenses (see text) . . . . . farms	17,053	200	1,199	4,035	5,456	3,785	2,378
\$1,000	85,527	282	3,527	18,672	26,617	28,507	7,924
Farms with expenses of-							
\$1 to \$4,999 . . . . .	14,292	191	1,045	3,411	4,483	3,141	2,021
\$5,000 to \$24,999 . . . . .	2,396	9	133	536	875	526	317
\$25,000 to \$49,999 . . . . .	221	-	15	50	47	76	33
\$50,000 to \$99,999 . . . . .	45	-	4	12	21	6	2
\$100,000 or more . . . . .	99	-	2	26	30	36	5
Production expenses paid by landlords <sup>3</sup> . . . . . farms	1,442	11	110	297	534	277	213
\$1,000	13,847	8	1,269	2,782	6,953	1,703	1,132
Depreciation expenses claimed (see text) . . . . . farms	10,314	139	722	2,483	3,653	2,266	1,051
\$1,000	115,764	858	5,741	20,507	42,432	37,466	8,760
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>							
Net cash farm income of operations (see text) . . . . . farms							
\$1,000	29,285	295	1,971	6,459	9,116	6,597	4,847
Average per farm . . . . . dollars	223,957	2,768	13,159	17,764	52,189	89,109	48,968
	7,648	9,383	6,676	2,750	5,725	13,507	10,103
Farms with net gains <sup>4</sup> . . . . . number	15,640	170	1,045	2,918	4,728	3,586	3,193
Average net gain . . . . . dollars	24,888	20,455	21,368	19,658	21,670	38,449	20,592
Gain of-							
Less than \$1,000 . . . . .	2,326	24	133	493	723	464	489
\$1,000 to \$4,999 . . . . .	4,374	44	319	808	1,367	1,072	764
\$5,000 to \$9,999 . . . . .	2,715	21	182	558	662	675	617
\$10,000 to \$24,999 . . . . .	3,487	56	229	502	1,203	800	697
\$25,000 to \$49,999 . . . . .	1,465	2	93	280	418	303	369
\$50,000 or more . . . . .	1,273	23	89	277	355	272	257
Farms with net losses . . . . . number	13,645	125	926	3,541	4,388	3,011	1,654
Average net loss . . . . . dollars	12,114	5,674	9,904	11,182	11,455	16,196	10,147
Loss of-							
Less than \$1,000 . . . . .	2,073	20	127	463	630	523	310
\$1,000 to \$4,999 . . . . .	5,156	47	351	1,377	1,527	1,164	690
\$5,000 to \$9,999 . . . . .	2,974	24	199	775	1,118	644	214
\$10,000 to \$24,999 . . . . .	2,217	34	190	575	675	411	332
\$25,000 to \$49,999 . . . . .	723	-	29	227	249	163	55
\$50,000 or more . . . . .	502	-	30	124	189	106	53
Net cash farm income of operators (see text) . . . . . farms	29,285	295	1,971	6,459	9,116	6,597	4,847
\$1,000	218,360	2,949	12,508	21,422	48,613	85,634	47,234
Average per farm . . . . . dollars	7,456	9,995	6,346	3,317	5,333	12,981	9,745
Operators reporting net gains <sup>4</sup> . . . . . farms	15,681	181	1,063	2,918	4,733	3,604	3,182
Average net gain . . . . . dollars	24,393	19,597	20,666	20,313	20,795	37,467	20,199
Gain of-							
Less than \$1,000 . . . . .	2,366	24	179	511	744	454	454
\$1,000 to \$4,999 . . . . .	4,522	44	300	802	1,373	1,171	832
\$5,000 to \$9,999 . . . . .	2,780	42	165	590	727	681	575
\$10,000 to \$24,999 . . . . .	3,354	45	220	477	1,190	727	695
\$25,000 to \$49,999 . . . . .	1,465	3	148	273	364	308	369
\$50,000 or more . . . . .	1,194	23	51	265	335	263	257
Operators reporting net losses . . . . . farms	13,604	114	908	3,541	4,383	2,993	1,665
Average net loss . . . . . dollars	12,067	5,249	10,418	10,689	11,364	16,504	10,233
Loss of-							
Less than \$1,000 . . . . .	2,086	20	107	485	669	495	310
\$1,000 to \$4,999 . . . . .	5,120	47	354	1,377	1,485	1,163	694
\$5,000 to \$9,999 . . . . .	2,951	24	196	764	1,106	639	222
\$10,000 to \$24,999 . . . . .	2,236	23	198	583	687	424	321
\$25,000 to \$49,999 . . . . .	700	-	21	204	246	164	65
\$50,000 or more . . . . .	511	-	32	128	190	108	53
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>							
Total . . . . . farms	1,953	42	193	522	683	321	192
\$1,000	32,552	254	2,250	7,594	13,055	5,813	3,586
<b>INCOME FROM FARM-RELATED SOURCES</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . . farms							
\$1,000	8,891	50	537	1,745	2,738	2,208	1,613
Customwork and other agricultural services . . . . . farms	70,043	208	3,032	9,743	19,312	18,462	19,285
\$1,000	1,126	13	135	274	365	222	117
	6,421	20	959	1,492	1,876	1,332	741
Gross cash rent or share payments . . . . . farms	4,602	11	156	794	1,303	1,234	1,104
\$1,000	54,741	102	1,549	6,687	14,690	14,732	16,982
Sales of forest products, excluding Christmas trees and maple products . . . . . farms	251	-	11	43	76	65	56
\$1,000	1,697	-	62	226	435	435	539
Recreational services (see text) . . . . . farms	82	2	3	13	31	18	15
\$1,000	331	(D)	(D)	(D)	104	148	48

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>								
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.								
Patronage dividends and refunds from cooperatives (see text) . . . . . farms	24,233	20,881	125	961	3,931	5,905	4,887	5,072
	\$1,000	27,174	25,375	89	1,004	5,830	8,010	6,005
Other farm-related income sources (see text) . . . . . farms	8,445	6,930	47	347	1,279	1,842	1,602	1,813
	\$1,000	33,537	28,483	241	1,701	6,315	10,113	6,511
<b>LAND USE</b>								
Total cropland . . . . . farms								
	84,755	59,282	553	3,118	10,698	14,984	13,157	16,772
	27,153,291	24,570,150	180,350	1,220,851	5,231,246	8,019,202	5,609,543	4,308,958
Harvested cropland . . . . . farms								
	67,338	51,861	521	2,915	9,712	13,787	11,788	13,138
	23,994,343	22,301,427	169,342	1,143,758	4,884,161	7,471,994	5,092,396	3,539,776
Farms by acres harvested:								
1 to 49 acres . . . . .	14,687	6,809	72	381	1,099	1,320	1,548	2,389
50 to 99 acres . . . . .	7,557	5,014	68	324	720	879	1,026	1,997
100 to 199 acres . . . . .	11,660	9,036	121	560	1,311	1,951	1,906	3,187
200 to 499 acres . . . . .	17,404	15,450	155	864	2,942	4,152	3,648	3,689
500 to 999 acres . . . . .	10,515	10,145	75	533	2,351	3,355	2,485	1,346
1,000 to 1,999 acres . . . . .	4,630	4,538	23	216	1,078	1,783	995	443
2,000 acres or more . . . . .	885	869	7	37	211	347	180	87
Cropland-								
For pasture or grazing only . . . . . farms								
	20,676	15,176	99	781	2,823	3,800	3,425	4,248
	1,355,161	1,155,555	7,573	50,486	214,252	303,842	262,714	316,688
On which all crops failed . . . . . farms								
	1,395	997	9	43	187	269	231	258
	45,029	37,066	179	1,262	7,875	10,742	8,913	8,095
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms								
	29,532	17,314	83	545	2,669	4,031	3,875	6,111
	1,758,758	1,076,102	3,256	25,345	124,958	232,624	245,520	444,399
In cultivated summer fallow . . . . . farms								
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
Total woodland . . . . . farms								
	21,515	13,518	77	527	2,106	3,205	3,412	4,191
	1,336,752	922,227	5,677	38,623	128,093	231,866	239,106	278,862
Woodland pastured . . . . . farms								
	9,809	6,949	42	315	1,107	1,700	1,683	2,102
	548,815	436,301	2,502	15,354	67,393	115,840	110,127	125,085
Woodland not pastured . . . . . farms								
	14,593	8,665	47	295	1,303	2,055	2,259	2,706
	787,937	485,926	3,175	23,269	60,700	116,026	128,979	153,777
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms								
	23,863	16,625	168	863	2,822	4,219	3,850	4,703
	1,735,421	1,404,291	12,819	76,265	241,064	385,107	315,398	373,638
Land in house lots, ponds, roads, wasteland, etc. . . . . farms								
	56,291	40,093	245	1,781	6,830	10,366	9,542	11,329
	1,504,026	1,229,884	6,142	46,754	189,482	343,056	313,211	331,239
Irrigated land . . . . . farms								
	976	699	11	38	140	193	180	137
	142,109	133,422	922	6,168	27,318	41,853	37,305	19,856
Harvested cropland . . . . . farms								
	934	675	7	37	138	186	175	132
	141,438	132,931	(D)	(D)	(D)	41,735	(D)	19,810
Pastureland and other land . . . . . farms								
	45	25	4	1	2	7	6	5
	671	491	(D)	(D)	(D)	118	(D)	46
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms								
	30,454	18,639	97	597	2,866	4,451	4,252	6,376
	1,694,138	1,064,865	3,783	29,490	124,544	216,626	258,251	432,171
Land used to raise certified organically produced crops (see text) . . . . . farms								
	364	288	2	37	65	83	45	56
	46,557	41,862	(D)	(D)	10,741	13,276	7,796	7,250
Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms								
	45,205	37,947	415	2,165	7,436	10,753	8,582	8,596
	19,609,071	18,405,967	145,933	987,138	4,170,292	6,363,401	4,124,749	2,614,454
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>								
Estimated market value of land and buildings . . . . . farms								
	90,648	61,363	596	3,298	11,122	15,208	13,661	17,478
	\$1,000	64,154,298	56,434,982	408,192	2,407,887	12,017,478	18,392,726	10,269,990
Average per farm . . . . . dollars								
	707,730	919,691	684,886	730,105	1,080,514	1,209,411	947,128	587,595
Average per acre . . . . . dollars								
	2,005	1,998	2,089	1,936	2,094	2,041	1,967	1,872
Farms by value group:								
\$1 to \$49,999 . . . . .	9,531	4,220	90	349	724	769	580	1,708
\$50,000 to \$99,999 . . . . .	9,784	4,503	49	261	663	895	962	1,673
\$100,000 to \$199,999 . . . . .	14,535	7,219	65	490	1,163	1,280	1,448	2,773
\$200,000 to \$499,999 . . . . .	22,282	14,405	120	704	2,271	2,679	3,352	5,279
\$500,000 to \$999,999 . . . . .	14,637	12,327	144	674	2,115	3,145	2,954	3,295
\$1,000,000 to \$1,999,999 . . . . .	11,607	10,699	102	562	2,305	3,500	2,446	1,784
\$2,000,000 to \$4,999,999 . . . . .	7,413	7,163	8	232	1,705	2,590	1,749	879
\$5,000,000 to \$9,999,999 . . . . .	793	768	18	25	159	324	162	80
\$10,000,000 or more . . . . .	66	59	-	1	17	26	8	7

See footnote(s) at end of table.

--continued



**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.							
Patronage dividends and refunds from cooperatives (see text) farms \$1,000	3,352	21	216	692	1,086	847	490
	1,799	(D)	(D)	(D)	398	578	405
Other farm-related income sources (see text) farms \$1,000	1,515	9	125	346	482	376	177
	5,054	(D)	(D)	980	1,810	1,236	571
<b>LAND USE</b>							
Total cropland farms	25,473	179	1,547	5,217	8,010	5,970	4,550
acres	2,583,141	16,793	157,598	497,371	821,106	634,264	456,009
Harvested cropland farms	15,477	150	1,103	3,343	5,277	3,491	2,113
acres	1,692,916	13,421	123,215	360,473	566,942	388,401	240,464
Farms by acres harvested:							
1 to 49 acres	7,878	63	499	1,746	2,725	1,795	1,050
50 to 99 acres	2,543	38	210	451	845	626	373
100 to 199 acres	2,624	33	217	610	872	566	326
200 to 499 acres	1,954	16	150	428	677	397	286
500 to 999 acres	370	-	23	90	126	73	58
1,000 to 1,999 acres	92	-	3	17	28	26	18
2,000 acres or more	16	-	1	1	4	8	2
Cropland-							
For pasture or grazing only farms	5,500	47	342	1,247	1,844	1,288	732
acres	199,606	2,003	12,994	37,238	62,562	49,351	35,458
On which all crops failed farms	398	3	17	91	138	95	54
acres	7,963	(D)	(D)	2,223	1,964	1,814	1,591
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) farms	12,218	26	527	2,227	3,534	3,109	2,795
acres	682,656	(D)	(D)	97,437	189,638	194,698	178,496
In cultivated summer fallow farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Total woodland farms	7,997	34	362	1,555	2,673	2,086	1,287
acres	414,525	1,061	15,756	66,530	133,136	112,541	85,501
Woodland pastured farms	2,860	22	156	584	962	735	401
acres	112,514	677	7,486	17,703	36,402	31,563	18,683
Woodland not pastured farms	5,928	12	245	1,124	1,984	1,561	1,002
acres	302,011	384	8,270	48,827	96,734	80,978	66,818
Pastureland and rangeland, other than cropland and woodland pastured (see text) farms	7,238	73	540	1,656	2,290	1,650	1,029
acres	331,130	1,912	21,554	70,655	104,842	79,921	52,246
Land in house lots, ponds, roads, wasteland, etc. farms	16,198	84	894	3,381	5,352	3,925	2,562
acres	274,142	1,010	9,463	43,699	88,416	73,507	58,047
Irrigated land farms	277	2	30	42	103	64	36
acres	8,687	(D)	1,488	361	1,974	3,760	(D)
Harvested cropland farms	259	2	29	38	97	59	34
acres	8,507	(D)	(D)	349	1,887	3,682	(D)
Pastureland and other land farms	20	-	1	4	6	7	2
acres	180	-	(D)	12	87	78	(D)
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs farms	11,815	23	514	2,136	3,371	3,028	2,743
acres	629,273	939	19,239	93,584	175,831	177,668	162,012
Land used to raise certified organically produced crops (see text) farms	76	2	9	16	28	15	6
acres	4,695	(D)	652	1,025	1,752	782	(D)
Land enrolled in Federal or other crop insurance programs (see text) farms	7,258	83	594	1,561	2,446	1,544	1,030
acres	1,203,104	9,833	98,052	269,500	417,278	242,055	166,386
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>							
Estimated market value of land and buildings farms	29,285	295	1,971	6,459	9,116	6,597	4,847
\$1,000	7,719,316	53,313	436,076	1,748,998	2,638,854	1,744,683	1,097,391
Average per farm dollars	263,593	180,724	221,246	270,785	289,475	264,466	226,406
Average per acre dollars	2,064	1,861	2,316	2,288	2,127	1,941	1,774
Farms by value group:							
\$1 to \$49,999	5,311	111	455	1,291	1,398	985	1,071
\$50,000 to \$99,999	5,281	19	425	1,121	1,561	1,282	873
\$100,000 to \$199,999	7,316	48	424	1,465	2,148	1,925	1,306
\$200,000 to \$499,999	7,877	98	477	1,747	2,734	1,695	1,126
\$500,000 to \$999,999	2,310	15	133	494	860	476	332
\$1,000,000 to \$1,999,999	908	4	54	255	305	188	102
\$2,000,000 to \$4,999,999	250	-	2	85	99	31	33
\$5,000,000 to \$9,999,999	25	-	1	1	10	9	4
\$10,000,000 or more	7	-	-	-	1	6	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming							
		Total	Age of operator (years)						
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over	
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>									
Estimated market value of all machinery and equipment	farms \$1,000	88,859 8,923,379	60,696 7,838,536	596 64,392	3,284 448,554	11,068 1,688,485	15,073 2,466,428	13,538 1,794,213	17,137 1,376,465
Farms by value group:									
\$1 to \$4,999		12,931	5,355	44	193	771	965	956	2,426
\$5,000 to \$9,999		7,986	3,675	86	185	505	496	859	1,544
\$10,000 to \$19,999		9,377	4,864	53	203	795	952	1,004	1,857
\$20,000 to \$49,999		17,755	11,582	126	690	1,749	2,310	2,388	4,319
\$50,000 to \$99,999		14,088	11,210	119	787	1,902	2,744	2,837	2,821
\$100,000 to \$199,999		12,846	11,161	65	586	2,498	3,117	2,564	2,331
\$200,000 to \$499,999		11,024	10,131	76	388	2,222	3,585	2,369	1,491
\$500,000 or more		2,852	2,718	27	252	626	904	561	348
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>									
Tractors	farms number	83,313 266,070	58,156 210,061	520 1,407	3,003 8,901	10,644 38,009	14,644 57,304	13,101 50,804	16,244 53,636
Less than 40 horsepower (PTO)	farms number	37,582 58,562	25,169 40,416	95 110	1,124 1,624	4,267 6,360	6,041 9,833	5,955 9,931	7,687 12,558
40 to 99 horsepower (PTO)	farms number	60,593 106,497	43,989 81,240	318 516	1,946 3,062	7,787 13,432	10,960 20,498	10,485 20,435	12,493 23,257
100 horsepower (PTO) or more	farms number	49,844 101,011	41,708 88,405	425 741	2,220 4,215	8,303 18,217	11,754 26,973	9,492 20,438	9,514 17,821
Grain and bean combines (see text)	farms number	41,026 44,901	34,965 38,245	274 296	1,681 1,803	6,918 7,495	10,068 11,021	8,266 9,062	7,758 8,568
Cotton pickers and strippers	farms number	- -	- -	- -	- -	- -	- -	- -	- -
Forage harvesters, self-propelled (see text)	farms number	2,773 2,912	2,445 2,564	19 19	125 154	550 578	625 645	626 655	500 513
Hay balers	farms number	27,147 31,293	20,758 24,201	107 135	876 953	4,036 4,729	5,755 6,847	4,718 5,553	5,266 5,984
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>									
Commercial fertilizer, lime, and soil conditioners	farms acres treated	56,912 16,295,095	45,651 15,053,972	470 109,810	2,516 704,847	8,686 3,283,268	12,278 5,107,759	10,597 3,381,866	11,104 2,466,422
Manure	farms acres treated	26,512 2,333,984	22,555 2,173,483	186 13,556	1,255 115,351	5,034 539,381	6,562 721,055	5,065 460,234	4,453 323,906
Acres treated with chemicals to control-									
Insects	farms acres	20,331 3,714,004	16,922 3,398,004	210 38,535	1,005 164,383	3,496 734,024	4,776 1,129,042	4,165 825,847	3,270 506,173
Weeds, grass, or brush	farms acres	46,334 16,716,673	36,307 15,486,483	409 124,903	2,028 730,698	6,787 3,299,509	9,592 5,222,096	8,708 3,623,572	8,783 2,485,705
Nematodes	farms acres	1,782 292,947	1,483 269,731	54 3,190	136 22,595	289 68,480	315 86,667	384 49,502	305 39,297
Diseases in crops and orchards	farms acres	834 113,930	626 109,983	22 9,079	27 1,843	138 24,266	75 11,198	230 42,500	134 21,097
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	190 3,196	106 2,742	- -	- -	29 432	19 769	3 60	55 1,481
<b>TENURE</b>									
Full owners	farms	49,889	27,957	155	1,035	3,482	5,103	6,151	12,031
Part owners	farms	30,265	26,101	151	1,300	5,655	8,342	6,324	4,329
Tenants	farms	10,501	7,877	322	1,073	2,091	2,138	1,144	1,109
<b>OWNED AND RENTED LAND</b>									
Land owned	farms acres	80,876 18,364,478	54,635 14,834,757	309 58,074	2,353 436,179	9,222 1,992,399	13,533 3,777,196	12,574 3,812,344	16,644 4,758,565
Owned land in farms	farms acres	80,154 15,646,472	54,058 13,034,726	306 52,143	2,335 403,504	9,137 1,842,336	13,445 3,495,827	12,475 3,442,979	16,360 3,797,937
Land rented or leased from others	farms acres	41,084 16,269,487	34,205 15,227,985	473 153,111	2,382 983,554	7,764 3,966,214	10,526 5,517,215	7,507 3,057,404	5,553 1,550,487
Rented or leased land in farms	farms acres	40,766 16,083,018	33,978 15,091,826	473 152,845	2,373 978,989	7,746 3,947,549	10,480 5,483,404	7,468 3,034,279	5,438 1,494,760
Land rented or leased to others	farms acres	17,098 2,904,475	10,343 1,936,190	50 6,197	302 37,240	1,119 168,728	1,823 315,180	2,252 392,490	4,797 1,016,355
<b>NUMBER OF OPERATORS</b>									
Total operators	number	127,166	86,638	893	4,754	15,563	21,750	19,404	24,274
Farms by number of operators:									
1 operator		60,439	41,439	437	2,275	7,560	10,456	8,795	11,916
2 operators		25,841	17,456	141	985	3,198	4,404	4,110	4,618
3 operators		3,175	2,245	34	107	325	520	533	726
4 operators		833	569	11	28	115	134	133	148
5 or more operators		367	226	5	13	30	69	48	61
Total women operators	number	28,143	17,625	126	870	2,981	4,265	4,230	5,153
Farms by number of women operators:									
1 operator		25,714	16,291	109	806	2,708	3,902	3,948	4,818
2 operators		946	530	4	25	102	146	117	136
3 operators		133	69	-	-	17	21	16	15
4 operators		14	8	1	2	3	2	-	-
5 or more operators		15	6	1	1	1	-	-	3

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Estimated market value of all machinery and equipment	farms 28,163 \$1,000 1,084,843	295 17,301	1,917 84,184	6,198 221,055	8,849 352,402	6,389 238,636	4,515 171,266
Farms by value group:							
\$1 to \$4,999	7,576	48	393	1,628	2,121	1,874	1,512
\$5,000 to \$9,999	4,311	45	239	992	1,482	926	627
\$10,000 to \$19,999	4,513	68	358	926	1,489	1,080	592
\$20,000 to \$49,999	6,173	37	499	1,391	1,880	1,372	994
\$50,000 to \$99,999	2,878	40	263	646	996	575	358
\$100,000 to \$199,999	1,685	10	83	410	604	335	243
\$200,000 to \$499,999	893	47	71	199	228	195	153
\$500,000 or more	134	-	11	6	49	32	36
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Tractors	farms 25,157 number 56,009	257 607	1,719 3,578	5,476 11,468	7,947 17,892	5,748 13,331	4,010 9,133
Less than 40 horsepower (PTO)	farms 12,413 number 18,146	85 114	661 918	2,587 3,528	3,930 5,646	3,111 4,857	2,039 3,083
40 to 99 horsepower (PTO)	farms 16,604 number 25,257	155 267	1,132 1,659	3,464 5,121	5,214 7,816	3,888 6,033	2,751 4,361
100 horsepower (PTO) or more	farms 8,136 number 12,606	136 226	658 1,001	1,904 2,819	2,726 4,430	1,720 2,441	992 1,689
Grain and bean combines (see text)	farms 6,061 number 6,656	111 111	517 571	1,286 1,440	1,979 2,147	1,247 1,379	921 1,008
Cotton pickers and strippers	farms - number -	- -	- -	- -	- -	- -	- -
Forage harvesters, self-propelled (see text)	farms 328 number 348	8 8	29 39	57 66	125 126	51 51	58 58
Hay balers	farms 6,389 number 7,092	98 129	436 448	1,510 1,629	2,203 2,454	1,331 1,546	811 886
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners	farms 11,261 acres treated 1,241,123	170 13,098	894 89,418	2,629 294,197	3,815 420,278	2,413 250,467	1,340 173,665
Manure	farms 3,957 acres treated 160,501	43 2,214	295 10,629	1,028 39,356	1,338 43,674	816 38,014	437 26,614
Acres treated with chemicals to control-							
Insects	farms 3,409 acres 316,000	38 3,821	242 21,871	769 71,430	1,290 101,570	682 78,347	388 38,961
Weeds, grass, or brush	farms 10,027 acres 1,230,190	119 12,217	800 96,382	2,498 309,236	3,354 410,364	2,258 258,896	998 143,095
Nematodes	farms 299 acres 23,216	- -	31 2,575	34 1,599	132 7,116	56 4,780	46 7,146
Diseases in crops and orchards	farms 208 acres 3,947	- -	9 45	36 1,111	109 1,214	29 584	25 993
Chemicals used to control growth, thin fruit, or defoliate	farms 84 acres on which used 454	- -	- -	18 54	45 328	21 72	- -
<b>TENURE</b>							
Full owners	farms 21,932	112	1,086	4,259	6,606	5,410	4,459
Part owners	farms 4,164	17	343	1,050	1,576	870	308
Tenants	farms 2,624	112	445	794	790	328	155
<b>OWNED AND RENTED LAND</b>							
Land owned	farms 26,241 acres 3,529,721	129 9,318	1,434 117,075	5,333 524,770	8,233 1,038,556	6,315 976,112	4,797 863,890
Owned land in farms	farms 26,096 acres 2,611,746	129 8,272	1,429 96,055	5,309 412,078	8,182 793,132	6,280 725,864	4,767 576,345
Land rented or leased from others	farms 6,879 acres 1,041,502	132 12,954	788 111,937	1,867 270,234	2,392 381,289	1,217 183,056	483 82,032
Rented or leased land in farms	farms 6,788 acres 991,192	129 12,504	788 108,316	1,844 266,177	2,366 354,368	1,198 174,369	463 75,458
Land rented or leased to others	farms 6,755 acres 968,285	14 1,496	230 24,641	1,083 116,749	1,938 272,345	1,813 258,935	1,677 294,119
<b>NUMBER OF OPERATORS</b>							
Total operators	number 40,528	309	2,616	8,729	12,794	9,352	6,728
Farms by number of operators:							
1 operator	19,000	187	1,249	3,917	5,855	4,303	3,489
2 operators	8,385	48	549	1,919	2,720	1,979	1,170
3 operators	930	4	54	162	261	253	196
4 operators	264	-	19	77	74	52	42
5 or more operators	141	2	3	28	62	21	25
Total women operators							
number 10,518	47	524	2,188	3,152	2,599	2,008	
Farms by number of women operators:							
1 operator	9,423	38	490	1,973	2,825	2,359	1,738
2 operators	416	3	14	78	131	84	106
3 operators	64	1	2	15	9	21	16
4 operators	6	-	-	1	1	1	1
5 or more operators	9	-	-	2	3	1	1

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>								
Sex of operator:								
Male	84,451	58,872	608	3,335	10,912	15,111	13,074	15,832
Female	6,204	3,063	20	73	316	472	545	1,637
Primary occupation:								
Farming	61,935	61,935	628	3,408	11,228	15,583	13,619	17,469
Other	28,720	-	-	-	-	-	-	-
Place of residence:								
On farm operated	69,329	51,130	415	2,496	9,352	13,354	11,623	13,890
Not on farm operated	21,326	10,805	213	912	1,876	2,229	1,996	3,579
Days worked off farm:								
None	41,409	36,199	209	1,218	4,845	7,143	8,058	14,726
Any	49,246	25,736	419	2,190	6,383	8,440	5,561	2,743
1 to 49 days	6,380	5,524	75	397	1,252	1,612	1,235	953
50 to 99 days	3,131	2,639	38	175	552	871	618	385
100 to 199 days	6,084	4,338	70	294	968	1,472	959	575
200 days or more	33,651	13,235	236	1,324	3,611	4,485	2,749	830
Years on present farm:								
2 years or less	2,314	994	135	253	262	160	113	71
3 or 4 years	4,493	1,991	258	507	522	328	196	180
5 to 9 years	12,038	5,874	235	1,510	1,779	1,237	619	494
10 years or more	71,810	53,076	-	1,138	8,665	13,858	12,691	16,724
Average years on present farm	23.9	27.0	3.9	7.9	15.6	22.8	30.1	40.1
Age group:								
Under 25 years	869	628	628	-	-	-	-	-
25 to 34 years	5,282	3,408	-	3,408	-	-	-	-
35 to 44 years	17,331	11,228	-	-	11,228	-	-	-
45 to 49 years	12,407	8,010	-	-	-	8,010	-	-
50 to 54 years	12,148	7,573	-	-	-	7,573	-	-
55 to 59 years	10,582	6,673	-	-	-	-	6,673	-
60 to 64 years	9,645	6,946	-	-	-	-	6,946	-
65 to 69 years	8,075	6,154	-	-	-	-	-	6,154
70 years and over	14,316	11,315	-	-	-	-	-	11,315
Average age	54.3	55.3	22.3	30.2	40.4	49.3	59.5	72.9
Spanish, Hispanic, or Latino origin (see text)	380	261	-	10	36	75	59	81
Race:								
White	90,472	61,834	628	3,403	11,213	15,543	13,588	17,459
Black or African American	31	18	-	-	2	5	8	3
American Indian or Alaska Native	61	37	-	4	4	19	10	-
Native Hawaiian or Other Pacific Islander	2	-	-	-	-	-	-	-
Asian	25	9	-	-	3	4	1	1
More than one race reported	64	37	-	1	6	12	12	6
Operators living on an American Indian reservation	1	1	-	-	1	-	-	-
Farms by number of persons living in operator's household:								
1 person	11,876	8,080	222	616	1,070	1,596	1,307	3,269
2 people	43,296	30,668	190	654	1,191	5,457	10,204	12,972
3 people	11,361	7,486	112	614	1,357	3,189	1,315	899
4 people	12,869	8,157	82	869	3,558	2,937	522	189
5 or more people	11,253	7,544	22	655	4,052	2,404	271	140
Percent of operator's total household income from farming:								
Less than 25 percent	36,935	16,258	167	897	2,916	3,751	3,212	5,315
25 to 49 percent	12,304	8,605	94	458	1,364	1,999	1,568	3,122
50 to 74 percent	16,287	13,964	122	714	2,247	3,196	2,547	5,138
75 to 99 percent	11,096	10,369	98	587	1,996	2,711	1,979	2,998
100 percent	11,522	11,034	128	632	2,307	3,358	3,965	644
Operator is a hired manager	farms 2,511	farms 1,705	19	120	398	568	348	252
	acres 1,272,488	acres 1,089,974	6,453	73,756	223,248	404,904	249,696	131,917
Farms with-								
Computer for farm business	41,722	29,241	380	2,128	7,354	9,739	5,960	3,680
Internet access	48,857	32,242	398	2,127	7,796	10,627	6,764	4,530
Farms by number of households sharing in net income of farm:								
1 household	67,219	44,563	495	2,658	8,232	11,076	9,822	12,280
2 households	15,043	11,295	99	466	1,712	2,626	2,541	3,851
3 households	3,396	2,558	8	73	424	697	594	762
4 households	1,365	989	1	49	286	317	178	158
5 households or more	1,121	825	6	42	176	299	136	166
<b>FARMS BY TYPE OF ORGANIZATION</b>								
Family or individual	farms 78,699	farms 53,277	572	3,026	9,720	13,133	11,641	15,185
	acres 24,657,577	acres 21,781,608	181,967	1,134,084	4,630,709	6,823,432	4,931,355	4,080,061
Partnership	farms 5,792	farms 3,976	45	216	649	964	861	1,241
	acres 3,011,172	acres 2,631,353	(D)	(D)	483,570	828,484	599,680	579,809
Registered under state law	farms 2,592	farms 1,729	10	81	289	479	432	438
	acres 1,502,606	acres 1,303,831	4,194	55,102	244,783	443,849	324,789	231,114

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>							
Sex of operator:							
Male	25,579	222	1,787	5,673	8,272	5,778	3,847
Female	3,141	19	87	430	700	830	1,075
Primary occupation:							
Farming	-	-	-	-	-	-	-
Other	28,720	241	1,874	6,103	8,972	6,608	4,922
Place of residence:							
On farm operated	18,199	108	1,028	4,201	6,036	4,143	2,683
Not on farm operated	10,521	133	846	1,902	2,936	2,465	2,239
Days worked off farm:							
None	5,210	13	74	308	625	1,178	3,012
Any	23,510	228	1,800	5,795	8,347	5,430	1,910
1 to 49 days	856	5	32	96	173	210	340
50 to 99 days	492	12	19	67	81	163	150
100 to 199 days	1,746	29	77	247	602	483	308
200 days or more	20,416	182	1,672	5,385	7,491	4,574	1,112
Years on present farm:							
2 years or less	1,320	85	280	381	329	144	101
3 or 4 years	2,502	88	485	812	642	343	132
5 to 9 years	6,164	68	744	1,960	1,955	983	454
10 years or more	18,734	-	365	2,950	6,046	5,138	4,235
Average years on present farm	17.4	3.5	6.2	10.3	15.3	20.7	30.3
Age group:							
Under 25 years	241	241	-	-	-	-	-
25 to 34 years	1,874	-	1,874	-	-	-	-
35 to 44 years	6,103	-	-	6,103	-	-	-
45 to 49 years	4,397	-	-	-	4,397	-	-
50 to 54 years	4,575	-	-	-	4,575	-	-
55 to 59 years	3,909	-	-	-	-	3,909	-
60 to 64 years	2,699	-	-	-	-	2,699	-
65 to 69 years	1,921	-	-	-	-	-	1,921
70 years and over	3,001	-	-	-	-	-	3,001
Average age	52.2	22.1	30.5	40.3	49.5	58.9	72.6
Spanish, Hispanic, or Latino origin (see text)	119	-	12	34	26	21	26
Race:							
White	28,638	241	1,866	6,089	8,943	6,590	4,909
Black or African American	13	-	2	2	6	1	2
American Indian or Alaska Native	24	-	2	6	7	5	4
Native Hawaiian or Other Pacific Islander	2	-	-	-	2	-	-
Asian	16	-	-	2	2	7	5
More than one race reported	27	-	4	4	12	5	2
Operators living on an American Indian reservation	-	-	-	-	-	-	-
Farms by number of persons living in operator's household:							
1 person	3,796	82	347	451	824	798	1,294
2 people	12,628	67	350	729	3,502	4,635	3,345
3 people	3,875	46	362	825	1,704	752	186
4 people	4,712	24	507	2,043	1,804	288	46
5 or more people	3,709	22	308	2,055	1,138	135	51
Percent of operator's total household income from farming:							
Less than 25 percent	20,677	134	1,375	4,566	6,815	4,687	3,100
25 to 49 percent	3,699	60	208	672	1,116	914	729
50 to 74 percent	2,323	22	161	453	547	506	634
75 to 99 percent	727	8	28	118	139	143	291
100 percent	488	1	33	89	125	186	54
Operator is a hired manager	806 farms	16	69	205	230	172	114
	182,514 acres	2,437	16,342	39,058	47,632	51,271	25,774
Farms with-							
Computer for farm business	12,481	115	1,049	3,360	4,359	2,545	1,053
Internet access	16,615	155	1,266	4,207	5,914	3,470	1,603
Farms by number of households sharing in net income of farm:							
1 household	22,656	192	1,569	4,966	7,136	5,111	3,682
2 households	3,748	28	181	592	1,196	977	774
3 households	838	3	27	139	214	243	212
4 households	376	-	18	105	121	57	75
5 households or more	296	2	10	96	75	48	65
<b>FARMS BY TYPE OF ORGANIZATION</b>							
Family or individual	25,422 farms	219	1,719	5,537	7,965	5,755	4,227
	2,875,969 acres	17,657	175,329	574,823	923,918	693,914	490,328
Partnership	1,816 farms	11	95	313	547	460	390
	379,819 acres	1,774	17,554	60,973	116,980	102,951	79,587
Registered under state law	863 farms	1	35	111	280	246	190
	198,775 acres	(D)	(D)	26,232	58,526	65,780	41,328

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>								
Corporation . . . . . farms	5,279	4,304	9	152	801	1,421	1,032	889
acres	3,862,248	3,600,619	(D)	(D)	655,444	1,294,260	917,209	603,312
Family held . . . . . farms	4,900	4,122	9	133	756	1,366	999	859
acres	3,742,023	3,521,624	(D)	94,587	641,412	1,276,534	906,067	(D)
More than 10 stockholders . . . . . farms	110	80	-	2	12	25	19	22
10 or less stockholders . . . . . farms	4,790	4,042	9	131	744	1,341	980	837
Other than family held . . . . . farms	379	182	-	19	45	55	33	30
acres	120,225	78,995	-	(D)	14,032	17,726	11,142	(D)
More than 10 stockholders . . . . . farms	55	28	-	6	6	6	8	2
10 or less stockholders . . . . . farms	324	154	-	13	39	49	25	28
Other-cooperative, estate or trust, institutional, etc . . . . . farms	885	378	2	14	58	65	85	154
acres	198,493	112,972	(D)	(D)	20,162	33,055	29,014	29,515
<b>HIRED FARM LABOR</b>								
Hired farm labor . . . . . farms	28,135	22,853	113	998	4,746	6,944	5,286	4,766
workers	82,991	66,877	251	3,271	15,604	20,649	13,824	13,278
Workers by days worked:								
150 days or more . . . . . farms	9,057	8,323	32	366	1,911	2,759	1,801	1,454
workers	22,027	18,261	68	832	4,479	5,807	3,862	3,213
Less than 150 days . . . . . farms	24,103	19,175	100	835	3,975	5,717	4,388	4,160
workers	60,964	48,616	183	2,439	11,125	14,842	9,962	10,065
Migrant farm labor on farms with hired labor (see text) . . . . . farms	101	76	-	-	14	32	13	17
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	39	39	-	1	7	-	9	22
<b>FARMS BY SIZE</b>								
1 to 9 acres . . . . .	4,811	1,881	46	192	446	482	265	450
10 to 49 acres . . . . .	16,278	6,636	86	377	1,183	1,318	1,325	2,347
50 to 69 acres . . . . .	3,843	1,812	14	104	254	312	393	735
70 to 99 acres . . . . .	6,821	3,576	41	233	515	602	726	1,459
100 to 139 acres . . . . .	6,300	3,779	38	243	533	707	772	1,486
140 to 179 acres . . . . .	7,286	4,872	65	264	665	894	986	1,998
180 to 219 acres . . . . .	4,621	3,270	39	198	495	651	688	1,199
220 to 259 acres . . . . .	4,506	3,437	28	180	510	732	757	1,230
260 to 499 acres . . . . .	15,592	13,132	133	672	2,318	3,295	3,046	3,668
500 to 999 acres . . . . .	13,063	12,217	102	624	2,632	3,836	2,974	2,049
1,000 to 1,999 acres . . . . .	6,213	6,039	28	264	1,399	2,240	1,416	692
2,000 acres or more . . . . .	1,321	1,284	8	57	278	514	271	156
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>								
Oilseed and grain farming (1111) . . . . .	42,509	34,242	374	1,754	5,823	9,231	8,039	9,021
Vegetable and melon farming (1112) . . . . .	317	162	2	4	32	42	41	41
Fruit and tree nut farming (1113) . . . . .	284	97	-	3	15	15	27	37
Greenhouse, nursery, and floriculture production (1114) . . . . .	580	223	-	1	34	57	66	65
Other crop farming (1119) . . . . .	18,891	8,015	41	179	1,052	1,231	1,537	3,975
Tobacco farming (11191) . . . . .	-	-	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	18,891	8,015	41	179	1,052	1,231	1,537	3,975
Beef cattle ranching and farming (11211) . . . . .	10,065	6,150	68	345	911	1,223	1,355	2,248
Cattle feedlots (11212) . . . . .	4,259	3,298	35	193	688	858	727	797
Dairy cattle and milk production (11212) . . . . .	2,306	2,131	10	206	632	606	423	254
Hog and pig farming (1122) . . . . .	5,742	4,718	71	493	1,441	1,544	731	438
Poultry and egg production (1123) . . . . .	442	260	1	30	55	79	60	35
Sheep and goat farming (1124) . . . . .	1,098	409	8	46	79	95	86	95
Animal aquaculture and other animal production (1125, 1129) . . . . .	4,162	2,230	18	154	466	602	527	463
<b>LIVESTOCK</b>								
Cattle and calves inventory . . . . . farms	32,169	24,856	280	1,598	5,108	6,484	5,309	6,077
number	3,535,945	3,200,572	21,117	206,977	743,160	965,176	683,872	580,270
Farms with-								
1 to 9 . . . . .	3,586	1,813	23	154	430	424	360	422
10 to 49 . . . . .	12,134	8,448	123	541	1,502	1,941	1,721	2,620
50 to 99 . . . . .	6,899	5,731	68	365	1,108	1,473	1,289	1,428
100 to 199 . . . . .	5,373	4,900	48	269	1,094	1,427	1,052	1,010
200 to 499 . . . . .	3,115	2,945	14	201	725	907	659	439
500 or more . . . . .	1,062	1,019	4	68	249	312	228	158
Cows and heifers that had calved . . . . . farms	25,676	19,881	226	1,224	3,907	5,133	4,265	5,126
number	1,194,635	1,041,891	8,545	60,122	224,470	302,016	229,567	217,171
Beef cows . . . . . farms	23,313	17,738	214	981	3,258	4,537	3,864	4,884
number	987,670	847,756	7,928	46,026	162,904	240,966	191,055	198,877
Farms with-								
1 to 9 . . . . .	3,855	2,154	38	163	462	493	392	606
10 to 49 . . . . .	13,021	9,817	123	527	1,640	2,392	2,146	2,989
50 to 99 . . . . .	4,235	3,724	34	194	720	1,029	839	908
100 to 199 . . . . .	1,771	1,649	17	71	359	490	396	316
200 to 499 . . . . .	397	364	2	23	72	122	83	62
500 or more . . . . .	34	30	-	3	5	11	8	3

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>							
Corporation . . . . . farms	975	3	27	148	330	270	197
acres	261,629	(D)	(D)	27,148	78,074	81,055	68,740
Family held . . . . . farms	778	2	25	107	264	208	172
acres	220,399	(D)	4,336	(D)	69,503	59,617	63,706
More than 10 stockholders . . . . . farms	30	-	2	5	8	10	5
10 or less stockholders . . . . . farms	748	2	23	102	256	198	167
Other than family held . . . . . farms	197	1	2	41	66	62	25
acres	41,230	(D)	(D)	(D)	8,571	21,438	5,034
More than 10 stockholders . . . . . farms	27	1	-	4	12	7	3
10 or less stockholders . . . . . farms	170	-	2	37	54	55	22
Other-cooperative, estate or trust, institutional, etc . . . . . farms	507	8	33	105	130	123	108
acres	85,521	(D)	(D)	15,311	28,528	22,313	13,148
<b>HIRED FARM LABOR</b>							
Hired farm labor . . . . . farms	5,282	67	316	1,433	1,789	1,045	632
workers	16,114	95	753	4,109	5,309	4,133	1,715
Workers by days worked:							
150 days or more . . . . . farms	734	9	35	171	245	190	84
workers	3,766	10	89	510	1,023	1,950	184
Less than 150 days . . . . . farms	4,928	66	287	1,371	1,644	964	596
workers	12,348	85	664	3,599	4,286	2,183	1,531
Migrant farm labor on farms with hired labor (see text) . . . . . farms	25	-	1	1	12	7	4
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	-	-	-	-	-	-	-
<b>FARMS BY SIZE</b>							
1 to 9 acres . . . . .	2,930	53	292	817	881	496	391
10 to 49 acres . . . . .	9,642	65	615	2,285	3,029	2,053	1,595
50 to 69 acres . . . . .	2,031	24	116	411	636	494	350
70 to 99 acres . . . . .	3,245	30	207	550	998	866	594
100 to 139 acres . . . . .	2,521	12	152	453	782	656	466
140 to 179 acres . . . . .	2,414	23	154	480	748	583	426
180 to 219 acres . . . . .	1,351	14	89	227	414	340	267
220 to 259 acres . . . . .	1,069	3	63	206	325	267	205
260 to 499 acres . . . . .	2,460	12	142	469	812	605	420
500 to 999 acres . . . . .	846	5	38	171	279	193	160
1,000 to 1,999 acres . . . . .	174	-	4	29	57	42	42
2,000 acres or more . . . . .	37	-	2	5	11	13	6
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>							
Oilseed and grain farming (1111) . . . . .	8,267	107	621	1,697	2,733	1,861	1,248
Vegetable and melon farming (1112) . . . . .	155	4	9	25	59	35	23
Fruit and tree nut farming (1113) . . . . .	187	-	9	32	68	40	38
Greenhouse, nursery, and floriculture production (1114) . . . . .	357	2	16	67	129	92	51
Other crop farming (1119) . . . . .	10,876	25	451	1,957	3,079	2,732	2,632
Tobacco farming (11191) . . . . .	-	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	10,876	25	451	1,957	3,079	2,732	2,632
Beef cattle ranching and farming (11211) . . . . .	3,915	42	354	975	1,202	862	480
Cattle feedlots (11212) . . . . .	961	12	103	272	318	163	93
Dairy cattle and milk production (11212) . . . . .	175	9	11	40	57	35	23
Hog and pig farming (1122) . . . . .	1,024	17	125	328	316	162	76
Poultry and egg production (1123) . . . . .	182	1	7	51	69	42	12
Sheep and goat farming (1124) . . . . .	689	16	48	177	240	146	62
Animal aquaculture and other animal production (1125, 1129) . . . . .	1,932	6	120	482	702	438	184
<b>LIVESTOCK</b>							
Cattle and calves inventory . . . . . farms	7,313	95	670	1,898	2,334	1,490	826
number	335,373	3,461	30,503	80,824	106,569	73,623	40,393
Farms with-							
1 to 9 . . . . .	1,773	26	177	553	581	302	134
10 to 49 . . . . .	3,686	52	321	925	1,149	776	463
50 to 99 . . . . .	1,168	11	106	269	391	248	143
100 to 199 . . . . .	473	2	45	113	149	109	55
200 to 499 . . . . .	170	4	16	28	47	49	26
500 or more . . . . .	43	-	5	10	17	6	5
Cows and heifers that had calved . . . . . farms	5,795	83	509	1,438	1,839	1,232	694
number	152,744	1,637	11,724	36,833	46,012	36,893	19,645
Beef cows . . . . . farms	5,575	75	496	1,377	1,766	1,186	675
number	139,914	1,463	11,228	30,941	44,432	33,213	18,637
Farms with-							
1 to 9 . . . . .	1,701	28	171	497	542	313	150
10 to 49 . . . . .	3,204	40	265	733	1,014	711	441
50 to 99 . . . . .	511	7	50	117	158	122	57
100 to 199 . . . . .	122	-	10	23	40	28	21
200 to 499 . . . . .	33	-	-	6	10	11	6
500 or more . . . . .	4	-	-	1	2	1	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LIVESTOCK - Con.</b>								
Cattle and calves inventory - Con.								
Cows and heifers that had calved - Con.								
Milk cows . . . . . farms	3,034	2,717	15	287	781	765	511	358
number . . . . . farms	206,965	194,135	617	14,096	61,566	61,050	38,512	18,294
Farms with-								
1 to 4 . . . . .	333	202	2	29	54	46	34	37
5 to 9 . . . . .	128	86	-	16	15	12	18	25
10 to 49 . . . . .	1,136	1,036	8	139	263	296	173	157
50 to 99 . . . . .	966	933	4	73	318	264	180	94
100 to 199 . . . . .	331	325	1	23	93	99	76	33
200 to 499 . . . . .	112	110	-	6	30	39	24	11
500 or more . . . . .	28	25	-	1	8	9	6	1
Other cattle (see text) . . . . . farms	29,013	22,633	248	1,441	4,679	5,971	4,865	5,429
number . . . . . farms	2,341,310	2,158,681	12,572	146,855	518,690	663,160	454,305	363,099
Cattle and calves sold . . . . . farms	29,515	23,189	261	1,480	4,747	6,091	4,954	5,656
number . . . . . farms	2,929,704	2,711,977	14,829	187,501	637,872	847,038	552,533	472,204
\$1,000 . . . . . farms	2,119,935	1,986,048	9,479	131,467	467,797	629,530	406,367	341,407
Calves weighing less than 500 pounds . . . . . farms	9,504	7,127	87	533	1,437	1,808	1,444	1,818
number . . . . . farms	259,122	218,132	2,801	17,725	52,750	63,654	37,880	43,322
Cattle, including calves weighing								
500 pounds or more . . . . . farms	26,277	20,848	225	1,303	4,325	5,526	4,468	5,001
number . . . . . farms	2,670,582	2,493,845	12,028	169,776	585,122	783,384	514,653	428,882
Cattle on feed (see text) . . . . . farms	10,386	8,731	86	536	1,993	2,481	1,884	1,751
number . . . . . farms	1,806,291	1,723,519	7,546	120,551	416,205	561,663	344,079	273,475
Hogs and pigs inventory . . . . . farms	10,205	8,896	99	762	2,589	2,936	1,519	991
number . . . . . farms	15,486,531	13,043,060	108,689	1,081,617	4,034,403	4,239,500	1,941,680	1,637,171
Farms with-								
1 to 24 . . . . .	821	514	11	36	119	142	84	122
25 to 49 . . . . .	297	234	4	7	48	81	54	40
50 to 99 . . . . .	432	350	5	19	78	94	77	77
100 to 199 . . . . .	733	631	9	59	154	183	130	96
200 to 499 . . . . .	1,999	1,739	17	136	455	572	340	219
500 or more . . . . .	5,923	5,428	53	505	1,735	1,864	834	437
Used or to be used for breeding . . . . . farms	4,386	3,905	45	285	1,068	1,233	696	578
number . . . . . farms	1,145,323	896,178	7,838	93,553	264,542	283,848	123,229	123,168
Other hogs and pigs . . . . . farms	9,863	8,621	93	739	2,521	2,858	1,474	936
number . . . . . farms	14,341,208	12,146,882	100,851	988,064	3,769,861	3,955,652	1,818,451	1,514,003
Hogs and pigs sold . . . . . farms	11,275	9,838	124	842	2,825	3,246	1,708	1,093
number . . . . . farms	41,232,492	35,186,590	316,224	3,344,489	10,721,636	11,758,931	5,119,680	3,925,630
\$1,000 . . . . . farms	3,078,455	2,615,234	(D)	(D)	805,758	872,236	393,534	300,352
Sheep and lambs of all ages								
inventory (see text) . . . . . farms	3,751	2,364	29	171	486	618	533	527
number . . . . . farms	249,908	194,981	1,785	16,197	45,640	52,754	40,032	38,573
Ewes 1 year old or older . . . . . farms	3,531	2,231	25	161	444	583	512	506
number . . . . . farms	130,808	98,313	908	6,675	21,196	26,738	22,537	20,259
Sheep and lambs sold . . . . . farms	2,903	1,836	24	130	413	483	410	376
number . . . . . farms	257,130	211,968	1,374	22,272	47,784	55,857	46,255	38,426
Horses and ponies inventory . . . . . farms	11,482	6,601	47	483	1,454	1,819	1,414	1,384
number . . . . . farms	77,123	46,095	214	3,288	8,876	12,322	11,106	10,289
Horses and ponies sold . . . . . farms	2,775	1,532	8	141	308	421	347	307
number . . . . . farms	10,601	6,553	21	489	1,042	1,741	1,679	1,581
Goats, All inventory . . . . . farms	1,167	611	5	72	167	170	84	113
number . . . . . farms	18,898	11,876	46	2,321	2,777	3,804	1,534	1,394
Goats sold . . . . . farms	497	263	2	36	58	70	41	56
number . . . . . farms	11,093	7,142	(D)	(D)	1,180	1,901	1,890	1,017
<b>POULTRY</b>								
Layers 20 weeks old and older								
inventory . . . . . farms	1,934	1,100	8	87	270	314	186	235
number . . . . . farms	38,650,210	30,271,500	(D)	(D)	4,735,520	5,391,171	10,854,543	(D)
Farms with-								
1 to 399 . . . . .	1,812	1,009	7	74	249	286	168	225
400 to 3,199 . . . . .	26	16	-	3	3	3	4	3
3,200 to 9,999 . . . . .	21	18	-	6	4	3	2	3
10,000 to 19,999 . . . . .	9	8	-	-	5	3	-	-
20,000 to 49,999 . . . . .	10	8	1	-	3	4	-	-
50,000 to 99,999 . . . . .	11	9	-	1	2	2	2	2
100,000 or more . . . . .	46	33	-	3	5	13	10	2
Pullets for laying flock replacement								
inventory . . . . . farms	472	304	2	41	59	78	44	80
number . . . . . farms	7,403,989	5,878,525	(D)	663,047	(D)	1,104,298	1,555,157	2,144,995
Layers and pullets sold (see text) . . . . . farms	462	289	1	30	73	73	55	57
number . . . . . farms	30,174,804	23,329,825	(D)	(D)	3,454,813	5,083,350	6,943,408	5,460,735
Broilers and other meat-type chickens								
sold . . . . . farms	629	374	2	43	106	126	49	48
number . . . . . farms	9,558,127	8,200,409	(D)	(D)	(D)	3,469,242	2,225,708	1,107,499
Farms with-								
1 to 1,999 . . . . .	557	313	2	32	93	107	41	38
2,000 to 59,999 . . . . .	51	43	-	11	10	11	4	7
60,000 to 99,999 . . . . .	2	1	-	-	-	-	-	1
100,000 or more . . . . .	19	17	-	-	3	8	4	2

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LIVESTOCK - Con.</b>							
Cattle and calves inventory - Con.							
Cows and heifers that had calved - Con.							
Milk cows . . . . . farms	317	12	23	86	100	68	28
number	12,830	174	496	5,892	1,580	3,680	1,008
Farms with-							
1 to 4 . . . . .	131	2	11	41	42	30	5
5 to 9 . . . . .	42	6	2	14	14	1	5
10 to 49 . . . . .	100	3	6	20	35	25	11
50 to 99 . . . . .	33	1	3	8	9	7	5
100 to 199 . . . . .	6	-	1	-	-	4	1
200 to 499 . . . . .	2	-	-	1	-	-	1
500 or more . . . . .	3	-	-	2	-	1	-
Other cattle (see text) . . . . . farms	6,380	74	610	1,658	2,054	1,294	690
number	182,629	1,824	18,779	43,991	60,557	36,730	20,748
Cattle and calves sold . . . . . farms	6,326	77	573	1,643	2,028	1,280	725
number	217,727	1,474	20,384	56,682	65,364	49,923	23,900
\$1,000	133,887	865	12,717	35,373	39,956	31,414	13,562
Calves weighing less than 500 pounds . . . . . farms	2,377	33	235	580	732	505	292
number	40,990	345	3,918	10,606	11,730	9,588	4,803
Cattle, including calves weighing							
500 pounds or more . . . . . farms	5,429	62	492	1,426	1,757	1,099	593
number	176,737	1,129	16,466	46,076	53,634	40,335	19,097
Cattle on feed (see text) . . . . . farms	1,655	18	178	480	550	269	160
number	82,772	464	8,135	24,995	24,750	18,020	6,408
Hogs and pigs inventory . . . . . farms	1,309	17	156	429	401	202	104
number	2,443,471	5,105	135,694	380,688	653,335	1,091,383	177,266
Farms with-							
1 to 24 . . . . .	307	5	41	114	82	44	21
25 to 49 . . . . .	63	-	6	26	15	10	6
50 to 99 . . . . .	82	-	9	29	29	8	7
100 to 199 . . . . .	102	5	8	22	36	18	13
200 to 499 . . . . .	260	4	29	78	85	47	17
500 or more . . . . .	495	3	63	160	154	75	40
Used or to be used for breeding . . . . . farms	481	7	40	129	156	93	56
number	249,145	96	4,077	29,774	68,158	122,574	24,466
Other hogs and pigs . . . . . farms	1,242	17	148	404	375	195	103
number	2,194,326	5,009	131,617	350,914	585,177	968,809	152,800
Hogs and pigs sold . . . . . farms	1,437	22	172	447	463	228	105
number	6,045,902	8,220	346,182	1,311,161	1,792,585	2,312,640	275,114
\$1,000	463,220	688	25,715	83,582	116,322	218,730	18,184
Sheep and lambs of all ages							
inventory (see text) . . . . . farms	1,387	19	101	370	488	276	133
number	54,927	913	4,209	15,443	19,104	11,359	3,899
Ewes 1 year old or older . . . . . farms	1,300	16	95	346	457	263	123
number	32,495	569	2,428	8,740	11,387	6,954	2,417
Sheep and lambs sold . . . . . farms	1,067	19	85	304	371	192	96
number	45,162	1,674	3,260	11,383	16,045	9,586	3,214
Horses and ponies inventory . . . . . farms	4,881	27	310	1,270	1,725	1,072	477
number	31,028	152	1,788	7,249	11,346	7,522	2,971
Horses and ponies sold . . . . . farms	1,243	1	86	336	455	283	82
number	4,048	(D)	(D)	984	1,556	927	260
Goats, All inventory . . . . . farms	556	2	50	166	188	111	39
number	7,022	(D)	(D)	1,695	2,826	1,502	544
Goats sold . . . . . farms	234	2	28	69	78	40	17
number	3,951	(D)	(D)	826	2,033	580	261
<b>POULTRY</b>							
Layers 20 weeks old and older							
inventory . . . . . farms	834	2	59	284	268	157	64
number	8,378,710	(D)	(D)	(D)	7,669,401	498,117	(D)
Farms with-							
1 to 399 . . . . .	803	2	57	280	253	149	62
400 to 3,199 . . . . .	10	-	1	1	2	5	1
3,200 to 9,999 . . . . .	3	-	-	1	2	-	-
10,000 to 19,999 . . . . .	1	-	-	1	-	-	-
20,000 to 49,999 . . . . .	2	-	1	1	-	-	-
50,000 to 99,999 . . . . .	2	-	-	-	2	-	-
100,000 or more . . . . .	13	-	-	-	9	3	1
Pullets for laying flock replacement							
inventory . . . . . farms	168	-	19	44	64	28	13
number	1,525,464	-	1,989	5,694	1,515,966	1,393	422
Layers and pullets sold (see text) . . . . . farms	173	-	21	50	58	28	16
number	6,844,979	-	34,159	(D)	6,425,723	247,116	(D)
Broilers and other meat-type chickens							
sold . . . . . farms	255	2	22	85	89	37	20
number	1,357,718	(D)	14,515	45,220	(D)	(D)	1,586
Farms with-							
1 to 1,999 . . . . .	244	2	21	82	85	34	20
2,000 to 59,999 . . . . .	8	-	1	3	3	1	-
60,000 to 99,999 . . . . .	1	-	-	-	-	-	-
100,000 or more . . . . .	2	-	-	-	-	2	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>POULTRY - Con.</b>								
Turkeys inventory . . . . . farms	355	215	2	15	44	74	44	36
number	3,681,862	(D)	(D)	(D)	952,762	855,098	509,925	233,689
Turkeys sold . . . . . farms	200	137	-	12	26	49	27	23
number	9,145,415	6,243,605	-	510,687	1,415,668	2,288,300	1,666,931	362,019
<b>CROPS HARVESTED</b>								
Corn for grain . . . . . farms	52,806	44,317	453	2,530	8,532	12,309	10,015	10,478
acres	11,761,392	10,998,573	85,128	565,867	2,431,841	3,715,264	2,506,976	1,693,497
bushels	1,851,276,224	1,734,788,196	13,268,441	89,516,979	389,115,388	587,775,140	393,139,991	261,972,257
Irrigated . . . . . farms	416	378	5	23	82	100	97	71
acres	86,261	81,574	155	3,700	17,427	25,479	22,440	12,373
Farms by acres harvested:								
1 to 24 acres . . . . .	4,881	2,836	28	205	459	554	600	990
25 to 99 acres . . . . .	15,510	11,534	168	703	1,686	2,402	2,371	4,204
100 to 249 acres . . . . .	16,414	14,469	156	846	2,745	3,880	3,436	3,406
250 to 499 acres . . . . .	10,115	9,703	60	500	2,269	3,242	2,342	1,290
500 acres or more . . . . .	5,886	5,775	41	276	1,373	2,231	1,266	588
Corn for silage or greenchop . . . . . farms	6,909	6,349	43	441	1,526	1,814	1,388	1,137
acres	247,269	231,548	2,302	13,467	53,487	69,850	53,842	38,600
tons	4,726,816	4,428,551	48,514	254,561	1,009,602	1,351,665	1,056,257	707,752
Irrigated . . . . . farms	13	11	-	-	6	4	-	1
acres	514	(D)	-	-	320	(D)	-	(D)
Farms by acres harvested:								
1 to 24 acres . . . . .	4,025	3,631	22	279	908	999	767	656
25 to 99 acres . . . . .	2,387	2,248	12	143	494	681	507	411
100 to 249 acres . . . . .	393	374	8	15	104	104	87	56
250 to 499 acres . . . . .	92	85	1	3	20	23	25	13
500 acres or more . . . . .	12	11	-	1	-	7	2	1
Sorghum for grain . . . . . farms	38	32	-	2	4	12	10	4
acres	2,355	(D)	-	(D)	108	921	318	121
bushels	142,814	(D)	-	(D)	7,394	21,999	20,615	4,292
Irrigated . . . . . farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres . . . . .	21	17	-	1	1	6	6	3
25 to 99 acres . . . . .	12	12	-	1	3	4	3	1
100 to 249 acres . . . . .	1	1	-	-	-	-	1	-
250 to 499 acres . . . . .	4	2	-	-	-	2	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-	-
Wheat for grain, All . . . . . farms	412	355	2	8	69	119	77	80
acres	18,317	15,723	(D)	(D)	2,431	6,279	3,336	2,441
bushels	961,995	833,997	(D)	(D)	130,522	321,052	180,400	121,375
Irrigated . . . . . farms	1	-	-	-	-	-	-	-
acres	(D)	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres . . . . .	212	175	1	3	37	57	38	39
25 to 99 acres . . . . .	157	143	1	1	25	45	32	39
100 to 249 acres . . . . .	35	31	-	3	7	13	6	2
250 to 499 acres . . . . .	6	5	-	-	-	4	1	-
500 acres or more . . . . .	2	1	-	1	-	-	-	-
Barley for grain . . . . . farms	152	134	3	8	34	43	25	21
acres	4,166	3,759	12	169	1,325	1,285	574	394
bushels	241,818	225,586	820	11,160	76,922	79,164	34,265	23,255
Irrigated . . . . . farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres . . . . .	98	87	3	5	23	29	12	15
25 to 99 acres . . . . .	49	43	-	3	8	13	13	6
100 to 249 acres . . . . .	3	2	-	-	2	-	-	-
250 to 499 acres . . . . .	2	2	-	-	1	1	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-	-
Oats for grain . . . . . farms	6,963	6,070	41	311	1,241	1,771	1,367	1,339
acres	143,513	129,792	1,063	7,401	25,899	37,627	29,877	27,925
bushels	10,761,952	9,834,138	81,946	560,594	2,032,575	2,868,506	2,271,264	2,019,253
Irrigated . . . . . farms	1	-	-	-	-	-	-	-
acres	(D)	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres . . . . .	5,144	4,395	19	228	908	1,276	969	995
25 to 99 acres . . . . .	1,732	1,595	22	76	317	478	378	324
100 to 249 acres . . . . .	84	77	-	6	16	17	19	19
250 to 499 acres . . . . .	2	2	-	-	-	-	1	1
500 acres or more . . . . .	1	1	-	1	-	-	-	-
Flaxseed . . . . . farms	2	2	-	-	1	1	-	-
acres	(D)	(D)	-	-	(D)	(D)	-	-
bushels	(D)	(D)	-	-	(D)	(D)	-	-
Irrigated . . . . . farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Sunflower seed, All . . . . . farms	6	5	-	1	2	-	2	-
acres	(D)	(D)	-	(D)	(D)	-	(D)	-
pounds	(D)	(D)	-	(D)	(D)	-	(D)	-
Irrigated . . . . . farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres . . . . .	4	3	-	-	1	-	2	-
25 to 99 acres . . . . .	-	-	-	-	-	-	-	-
100 to 249 acres . . . . .	1	1	-	1	-	-	-	-
250 to 499 acres . . . . .	1	1	-	-	1	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>POULTRY - Con.</b>							
Turkeys inventory . . . . . farms	140	2	7	50	43	25	13
number	(D)	(D)	99	393	(D)	104,420	(D)
Turkeys sold . . . . . farms	63	1	4	18	20	15	5
number	2,901,810	(D)	65	390	(D)	(D)	(D)
<b>CROPS HARVESTED</b>							
Corn for grain . . . . . farms	8,489	101	656	1,829	2,829	1,886	1,188
acres	762,819	6,433	56,121	165,463	251,545	174,762	108,495
bushels	116,488,028	1,071,107	8,584,601	25,952,029	38,207,625	26,140,474	16,532,192
Irrigated . . . . . farms	38	-	6	5	12	9	6
acres	4,687	-	736	240	1,119	2,219	373
Farms by acres harvested:							
1 to 24 acres . . . . .	2,045	25	131	451	638	513	287
25 to 99 acres . . . . .	3,976	56	331	820	1,394	840	535
100 to 249 acres . . . . .	1,945	19	165	432	621	422	286
250 to 499 acres . . . . .	412	1	25	107	144	75	60
500 acres or more . . . . .	111	-	4	19	32	36	20
Corn for silage or greenchop . . . . . farms	560	9	54	134	186	120	57
acres	15,721	157	1,378	2,990	5,326	4,658	1,212
tons	298,465	3,262	26,444	60,824	116,069	72,630	19,236
Irrigated . . . . . farms	2	-	2	-	-	-	-
acres	(D)	-	(D)	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	394	8	32	109	124	82	39
25 to 99 acres . . . . .	139	1	20	21	51	28	18
100 to 249 acres . . . . .	19	-	2	3	8	6	-
250 to 499 acres . . . . .	7	-	-	1	3	3	-
500 acres or more . . . . .	1	-	-	-	1	1	-
Sorghum for grain . . . . . farms	6	-	-	1	3	1	1
acres	(D)	-	-	(D)	(D)	(D)	(D)
bushels	(D)	-	-	(D)	(D)	(D)	(D)
Irrigated . . . . . farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	4	-	-	1	2	-	1
25 to 99 acres . . . . .	-	-	-	-	-	-	-
100 to 249 acres . . . . .	-	-	-	-	-	-	-
250 to 499 acres . . . . .	2	-	-	-	1	1	-
500 acres or more . . . . .	-	-	-	-	-	-	-
Wheat for grain, All . . . . . farms	57	-	9	8	16	16	8
acres	2,594	-	838	88	344	499	825
bushels	127,998	-	45,380	5,474	16,020	20,711	40,413
Irrigated . . . . . farms	1	-	1	-	-	-	-
acres	(D)	-	(D)	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	37	-	6	7	11	11	2
25 to 99 acres . . . . .	14	-	2	1	5	4	2
100 to 249 acres . . . . .	4	-	-	-	-	1	3
250 to 499 acres . . . . .	1	-	-	-	-	-	1
500 acres or more . . . . .	1	-	1	-	-	-	-
Barley for grain . . . . . farms	18	-	-	-	7	7	4
acres	407	-	-	-	178	156	73
bushels	16,232	-	-	-	4,771	7,680	3,781
Irrigated . . . . . farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	11	-	-	-	5	3	3
25 to 99 acres . . . . .	6	-	-	-	1	4	1
100 to 249 acres . . . . .	1	-	-	-	1	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-
Oats for grain . . . . . farms	893	7	63	179	350	181	113
acres	13,721	120	1,063	2,742	5,209	2,753	1,834
bushels	927,814	8,320	60,107	193,778	348,943	192,924	123,742
Irrigated . . . . . farms	1	-	1	-	-	-	-
acres	(D)	-	(D)	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	749	4	53	144	302	153	93
25 to 99 acres . . . . .	137	3	9	33	47	27	18
100 to 249 acres . . . . .	7	-	1	2	1	1	2
250 to 499 acres . . . . .	-	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-
Flaxseed . . . . . farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
bushels	-	-	-	-	-	-	-
Irrigated . . . . . farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Sunflower seed, All . . . . . farms	1	-	-	-	1	-	-
acres	(D)	-	-	-	(D)	-	-
pounds	(D)	-	-	-	(D)	-	-
Irrigated . . . . . farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres . . . . .	1	-	-	-	1	-	-
25 to 99 acres . . . . .	-	-	-	-	-	-	-
100 to 249 acres . . . . .	-	-	-	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming							
		Total	Age of operator (years)						
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over	
<b>CROPS HARVESTED - Con.</b>									
Tobacco	farms	3	3	-	-	-	1	1	1
	acres	8	8	-	-	-	(D)	(D)	(D)
	pounds	17,678	17,678	-	-	-	(D)	(D)	(D)
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
0.1 to 0.9 acres		-	-	-	-	-	-	-	-
1.0 to 1.9 acres		-	-	-	-	-	-	-	-
2.0 to 2.9 acres		2	2	-	-	-	1	1	-
3.0 to 4.9 acres		1	1	-	-	-	-	-	1
5.0 to 9.9 acres		-	-	-	-	-	-	-	-
10.0 to 24.9 acres		-	-	-	-	-	-	-	-
25.0 acres or more		-	-	-	-	-	-	-	-
Soybeans for beans	farms	48,752	41,321	416	2,303	7,898	11,507	9,458	9,739
	acres	10,418,621	9,744,000	72,460	497,991	2,133,714	3,317,058	2,226,705	1,496,072
	bushels	487,380,897	456,762,492	3,429,314	23,416,713	101,068,942	156,015,056	103,832,669	68,999,798
Irrigated	farms	283	258	7	17	53	73	61	47
	acres	46,977	45,171	525	2,021	8,834	14,294	12,439	7,058
Farms by acres harvested:									
1 to 24 acres		3,907	2,419	31	169	350	493	523	853
25 to 99 acres		15,373	11,546	157	688	1,749	2,355	2,440	4,157
100 to 249 acres		15,183	13,512	139	744	2,593	3,707	3,241	3,088
250 to 499 acres		9,371	9,025	63	470	2,088	3,037	2,197	1,170
500 acres or more		4,918	4,819	26	232	1,118	1,915	1,057	471
Dry edible beans, excluding limas	farms	56	48	-	9	8	11	14	6
	acres	2,270	2,085	-	399	439	246	781	220
	cwt	71,739	66,141	-	14,237	12,758	8,383	23,730	7,033
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		28	22	-	5	4	6	5	2
25 to 99 acres		22	20	-	2	3	5	6	4
100 to 249 acres		5	5	-	2	-	-	3	-
250 to 499 acres		1	1	-	-	1	-	-	-
500 acres or more		-	-	-	-	-	-	-	-
Potatoes	farms	117	87	-	9	14	24	21	19
	acres	1,005	987	-	2	(D)	369	256	(D)
	cwt	231,352	225,523	-	780	(D)	69,820	72,892	(D)
Irrigated	farms	13	10	-	-	2	6	2	-
	acres	91	90	-	-	(D)	(D)	(D)	-
Farms by acres harvested:									
0.1 to 4.9 acres		104	74	-	9	12	19	18	16
5.0 to 24.9 acres		6	6	-	-	1	2	-	3
25.0 to 99.9 acres		3	3	-	-	-	2	1	-
100.0 to 249.9 acres		3	3	-	-	-	1	2	-
250.0 acres or more		1	1	-	-	1	-	-	-
Sweet potatoes	farms	18	13	-	3	1	5	3	1
	acres	8	5	-	(D)	(D)	4	(Z)	(D)
	cwt	639	(D)	-	11	(D)	(D)	(D)	(D)
Irrigated	farms	3	3	-	-	-	3	-	-
	acres	(D)	(D)	-	-	-	(D)	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	farms	33,406	25,232	172	1,306	4,892	6,692	5,671	6,499
	acres	1,533,027	1,304,689	9,198	62,962	263,501	366,799	298,122	304,107
	tons, dry	5,177,896	4,541,500	32,108	224,089	1,001,951	1,321,998	1,018,214	943,140
Irrigated	farms	28	23	-	1	7	6	8	1
	acres	1,424	1,316	-	(D)	(D)	358	437	(D)
Farms by acres harvested:									
1 to 24 acres		15,567	10,272	77	578	1,965	2,587	2,262	2,803
25 to 99 acres		13,845	11,327	69	564	2,180	3,048	2,575	2,891
100 to 249 acres		3,500	3,175	21	145	651	921	712	725
250 to 499 acres		428	396	5	15	82	111	111	72
500 acres or more		66	62	-	4	14	25	11	8
Alfalfa hay	farms	29,114	22,446	154	1,159	4,427	6,010	5,048	5,648
	acres	1,168,668	1,003,304	6,458	47,959	203,635	287,185	225,777	232,290
	tons, dry	4,183,945	3,668,765	25,949	175,510	791,525	1,084,194	816,128	775,459
Irrigated	farms	22	18	-	1	4	5	7	1
	acres	1,214	(D)	-	(D)	(D)	255	436	(D)
Other tame hay	farms	5,579	3,919	33	184	646	986	928	1,142
	acres	217,296	170,374	1,788	8,425	28,262	40,869	42,349	48,681
	tons, dry	426,591	341,847	3,652	17,424	62,057	85,895	85,143	87,676
Irrigated	farms	4	3	-	-	2	1	-	-
	acres	(D)	(D)	-	-	(D)	(D)	-	-
Land used for vegetables (see text)	farms	752	500	7	38	93	140	114	108
	acres	9,268	8,213	302	815	1,681	2,864	1,279	1,272
Irrigated	farms	117	80	-	10	14	19	23	14
	acres	1,197	1,054	-	22	56	660	202	114
Farms by acres harvested:									
0.1 to 4.9 acres		511	312	3	29	69	84	65	62
5.0 to 24.9 acres		163	119	2	6	12	33	34	32
25.0 to 99.9 acres		57	48	-	1	5	16	14	12
100.0 to 249.9 acres		15	15	2	-	6	4	1	2
250.0 acres or more		6	6	-	2	1	3	-	-
Snap beans harvested for sale	farms	176	119	-	6	28	34	25	26
	acres	511	486	-	1	322	65	85	13
Harvested for processing	farms	15	11	-	2	3	4	2	-
	acres	262	(D)	-	(D)	(D)	(D)	(D)	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>CROPS HARVESTED - Con.</b>							
Tobacco	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
	pounds	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Farms by acres harvested:							
	0.1 to 0.9 acres	-	-	-	-	-	-
	1.0 to 1.9 acres	-	-	-	-	-	-
	2.0 to 2.9 acres	-	-	-	-	-	-
	3.0 to 4.9 acres	-	-	-	-	-	-
	5.0 to 9.9 acres	-	-	-	-	-	-
	10.0 to 24.9 acres	-	-	-	-	-	-
	25.0 acres or more	-	-	-	-	-	-
Soybeans for beans	farms	7,431	87	572	1,587	2,508	1,643
	acres	674,621	5,209	50,609	143,662	226,843	151,912
	bushels	30,618,405	235,953	2,264,684	6,646,240	10,280,178	6,845,975
Irrigated	farms	25	-	4	2	8	6
	acres	1,806	-	499	(D)	586	493
Farms by acres harvested:							
	1 to 24 acres	1,488	24	102	300	494	353
	25 to 99 acres	3,827	48	309	823	1,296	848
	100 to 249 acres	1,671	15	138	360	568	346
	250 to 499 acres	346	-	17	88	122	64
	500 acres or more	99	-	6	16	28	32
Dry edible beans, excluding limas	farms	8	-	1	2	4	-
	acres	185	-	(D)	(D)	84	-
	cwt	5,598	-	(D)	(D)	4,176	-
Irrigated	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Farms by acres harvested:							
	1 to 24 acres	6	-	-	2	3	-
	25 to 99 acres	2	-	1	-	1	-
	100 to 249 acres	-	-	-	-	-	-
	250 to 499 acres	-	-	-	-	-	-
	500 acres or more	-	-	-	-	-	-
Potatoes	farms	30	-	2	4	9	9
	acres	18	-	(D)	(D)	5	8
	cwt	5,829	-	(D)	(D)	1,518	1,370
Irrigated	farms	3	-	1	-	1	-
	acres	2	-	(D)	-	(D)	-
Farms by acres harvested:							
	0.1 to 4.9 acres	30	-	2	4	9	9
	5.0 to 24.9 acres	-	-	-	-	-	-
	25.0 to 99.9 acres	-	-	-	-	-	-
	100.0 to 249.9 acres	-	-	-	-	-	-
	250.0 acres or more	-	-	-	-	-	-
Sweet potatoes	farms	5	-	-	-	-	3
	acres	4	-	-	-	-	(D)
	cwt	(D)	-	-	-	-	(D)
Irrigated	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	farms	8,174	55	524	1,821	2,891	1,856
	acres	228,338	1,654	14,663	47,114	79,611	53,033
	tons, dry	636,396	5,026	41,675	137,927	217,283	143,509
Irrigated	farms	5	-	-	2	1	1
	acres	108	-	-	(D)	(D)	(D)
Farms by acres harvested:							
	1 to 24 acres	5,295	24	336	1,226	1,945	1,144
	25 to 99 acres	2,518	28	157	521	826	635
	100 to 249 acres	325	3	30	68	102	70
	250 to 499 acres	32	-	1	5	15	7
	500 acres or more	4	-	-	1	3	-
Alfalfa hay	farms	6,668	43	420	1,516	2,367	1,491
	acres	165,364	1,208	10,509	35,495	55,565	38,278
	tons, dry	515,180	4,249	33,757	114,344	172,055	116,399
Irrigated	farms	4	-	-	2	-	1
	acres	(D)	-	-	(D)	-	(D)
Other tame hay	farms	1,660	11	112	327	587	413
	acres	46,922	232	3,019	8,116	18,857	10,571
	tons, dry	84,744	326	5,593	14,993	34,043	18,033
Irrigated	farms	1	-	-	-	-	-
	acres	(D)	-	-	-	-	-
Land used for vegetables (see text)	farms	252	4	16	42	96	60
	acres	1,055	4	173	196	229	271
Irrigated	farms	37	-	8	1	16	10
	acres	144	-	(D)	(D)	(D)	107
Farms by acres harvested:							
	0.1 to 4.9 acres	199	4	12	30	80	47
	5.0 to 24.9 acres	44	-	2	11	15	11
	25.0 to 99.9 acres	9	-	2	1	1	2
	100.0 to 249.9 acres	-	-	-	-	-	-
	250.0 acres or more	-	-	-	-	-	-
Snap beans harvested for sale	farms	57	-	1	6	21	16
	acres	25	-	(D)	6	(D)	7
	cwt	4	-	-	-	-	2
Harvested for processing	farms	-	-	-	-	-	-
	acres	(D)	-	-	-	-	(D)

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming							
		Total	Age of operator (years)						
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over	
<b>CROPS HARVESTED - Con.</b>									
Land used for vegetables (see text) - Con.									
Peas, green, harvested for sale	farms acres	46 1,140	33 1,058	2 (D)	1 (D)	11 206	7 498	5 (D)	7 (D)
Harvested for processing	farms acres	6 493	6 493	2 (D)	-	-	2 (D)	1 (D)	1 (D)
Sweet corn harvested for sale	farms acres	462 4,876	325 4,309	4 96	19 760	56 743	97 1,206	72 722	77 782
Harvested for processing	farms acres	58 1,891	45 1,863	3 96	7 720	8 (D)	17 462	5 130	5 (D)
Tomatoes harvested for sale	farms acres	288 205	181 146	1 (D)	9 (D)	29 15	45 29	49 55	48 39
Harvested for processing	farms acres	25 17	18 14	-	2 (D)	6 2	6 4	2 (D)	2 (D)
Field and grass seed crops, All	farms acres	87 2,757	52 1,709	-	6 (D)	9 244	12 465	6 99	19 (D)
Irrigated	farms acres	-	-	-	-	-	-	-	-
All land in orchards	farms acres	493 3,141	206 1,353	-	7 24	39 198	36 212	51 288	73 632
Irrigated	farms acres	26 (D)	14 (D)	-	1 (D)	2 (D)	2 (D)	3 3	6 6
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		352	147	-	6	27	24	36	54
5.0 to 24.9 acres		117	49	-	1	10	11	12	15
25.0 to 99.9 acres		21	9	-	-	2	1	3	3
100.0 to 249.9 acres		2	-	-	-	-	-	-	-
250.0 acres or more		1	1	-	-	-	-	-	1
Apples	farms Bearing and nonbearing acres	344 2,025	152 1,057	-	7 22	27 76	25 140	38 235	55 584
Grapes	farms Bearing and nonbearing acres	133 154	49 56	-	2 (D)	9 (D)	8 20	12 18	18 12
Peaches, All	farms Bearing and nonbearing acres	61 23	24 11	-	1 (D)	7 (D)	2 (D)	4 1	10 4
Pecans	farms Bearing and nonbearing acres	15 15	5 1	-	-	2 (D)	1 (D)	-	2 (D)
Walnuts, English	farms Bearing and nonbearing acres	26 122	9 21	-	-	-	3 (D)	2 (D)	4 (D)
Land in berries harvested for sale (see text)	farms acres	168 228	114 173	1 (D)	7 15	30 (D)	26 43	26 46	24 55
Irrigated	farms acres	53 116	38 94	-	2 (D)	13 (D)	11 27	5 18	7 30

See footnote(s) at end of table.

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Table 60. **Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>CROPS HARVESTED - Con.</b>							
Land used for vegetables (see text) - Con.							
Peas, green, harvested for sale . . . . . farms	13	-	3	1	5	2	2
acres	82	-	78	(D)	1	(D)	(D)
Harvested for processing . . . . . farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Sweet corn harvested for sale . . . . . farms	137	1	12	21	44	41	18
acres	568	(D)	142	(D)	113	132	100
Harvested for processing . . . . . farms	13	-	1	1	4	4	3
acres	28	-	(D)	(D)	9	(D)	13
Tomatoes harvested for sale . . . . . farms	107	-	9	12	40	31	15
acres	59	-	6	12	12	23	6
Harvested for processing . . . . . farms	7	-	1	-	-	3	3
acres	2	-	(D)	-	-	(D)	1
Field and grass seed crops, All . . . . . farms	35	2	3	6	20	3	1
acres	1,048	(D)	(D)	43	519	(D)	(D)
Irrigated . . . . . farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
All land in orchards . . . . . farms	287	-	10	56	106	69	46
acres	1,789	-	29	173	716	618	252
Irrigated . . . . . farms	12	-	4	2	4	2	-
acres	(D)	-	2	(D)	10	(D)	-
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres . . . . .	205	-	8	44	74	50	29
5.0 to 24.9 acres . . . . .	68	-	2	11	26	13	16
25.0 to 99.9 acres . . . . .	12	-	-	1	5	5	1
100.0 to 249.9 acres . . . . .	2	-	-	-	1	1	-
250.0 acres or more . . . . .	-	-	-	-	-	-	-
Apples . . . . . farms	192	-	4	34	78	45	31
Bearing and nonbearing acres	968	-	8	68	268	441	182
Grapes . . . . . farms	84	-	3	24	29	21	7
Bearing and nonbearing acres	98	-	9	33	34	17	5
Peaches, All . . . . . farms	37	-	5	12	10	6	4
Bearing and nonbearing acres	12	-	1	4	3	1	2
Pecans . . . . . farms	10	-	1	-	4	2	3
Bearing and nonbearing acres	14	-	(D)	-	10	(D)	(D)
Walnuts, English . . . . . farms	17	-	-	1	5	7	4
Bearing and nonbearing acres	101	-	-	(D)	24	40	(D)
Land in berries harvested for sale (see text) . . . . . farms	54	-	6	8	17	13	10
acres	55	-	2	6	27	15	5
Irrigated . . . . . farms	15	-	4	2	6	1	2
acres	22	-	1	(D)	12	(D)	(D)

1 Data do not include the value of cottonseed and peanuts.  
2 Data are based on a sample of farms.  
3 Landlord production expenses are included with total farm production expenses.  
4 Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>FARMS AND LAND IN FARMS</b>						
Farms	90,655	49,889	30,265	10,501	60,439	30,216
number	100.0	55.0	33.4	11.6	66.7	33.3
Land in farms	31,729,490	8,626,697	19,260,548	3,842,245	19,264,883	12,464,607
Average size of farm	350	173	636	366	319	413
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text)	90,655	49,889	30,265	10,501	60,439	30,216
Average per farm	\$12,812,531	\$3,880,111	\$7,491,648	\$1,440,773	\$7,155,159	\$5,657,371
Farms by economic class:	141,333	77,775	247,535	137,203	118,386	187,231
Less than \$1,000 (see text)	5,250	4,609	375	266	3,438	1,812
\$1,000 to \$2,499	8,594	8,008	342	244	6,271	2,323
\$2,500 to \$4,999	6,906	6,188	416	302	4,945	1,961
\$5,000 to \$9,999	7,692	6,457	802	433	5,330	2,362
\$10,000 to \$24,999	11,568	8,332	1,929	1,307	7,905	3,663
\$25,000 to \$49,999	10,417	5,819	2,864	1,734	7,134	3,283
\$50,000 to \$99,999	11,850	4,620	5,043	2,187	8,026	3,824
\$100,000 to \$249,999	15,240	3,285	9,379	2,576	9,980	5,260
\$250,000 to \$499,999	8,128	1,228	5,905	995	4,887	3,241
\$500,000 to \$999,999	3,420	801	2,281	338	1,790	1,630
\$1,000,000 or more	1,590	542	929	119	733	857
\$1,000,000 to \$2,499,999	1,312	403	803	106	631	681
\$2,500,000 to \$4,999,999	168	70	89	9	61	107
\$5,000,000 or more	110	69	37	4	41	69
Total sales (see text)	90,655	49,889	30,265	10,501	60,439	30,216
Grains, oilseeds, dry beans, and dry peas <sup>1</sup>	\$12,273,634	\$3,675,515	\$7,206,017	\$1,392,103	\$6,820,971	\$5,452,664
Tobacco	3	1	2	-	2	1
Cotton and cottonseed	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes	757	455	234	68	372	385
Fruits, tree nuts, and berries	412	310	75	27	194	218
Nursery, greenhouse, floriculture, and sod (see text)	554	419	81	54	274	280
Cut Christmas trees and short-rotation woody crops	215	183	27	5	99	116
Other crops and hay (see text)	12,703	6,206	5,065	1,432	8,039	4,664
Cattle and calves	29,515	12,256	13,854	3,405	17,928	11,587
Milk and other dairy products from cows	2,913	1,226	1,334	353	1,367	1,546
Hogs and pigs	11,275	3,855	5,995	1,425	6,687	4,588
Sheep, goats, and their products	3,842	2,090	1,385	367	2,094	1,748
Horses, ponies, mules, burros, and donkeys	2,845	1,837	812	196	1,408	1,437
Poultry and eggs	1,572	954	459	159	737	835

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) . . . . . farms	47	29	12	6	22	25
\$1,000	2,308	1,794	(D)	(D)	1,784	524
Sales of \$50,000 or more . . . . . farms	10	8	1	1	7	3
\$1,000	2,131	(D)	(D)	(D)	1,693	438
Other animals and other animal products (see text) . . . . . farms	563	421	113	29	275	288
\$1,000	10,276	8,343	1,439	495	6,060	4,216
Sales of \$50,000 or more . . . . . farms	36	30	4	2	20	16
\$1,000	7,787	6,347	(D)	(D)	4,724	3,064
Government payments . . . . . farms	63,074	32,937	23,406	6,731	42,592	20,482
\$1,000	538,896	204,597	285,630	48,670	334,188	204,708
Value of -						
Certified organically produced commodities (see text) . . . . . farms	402	198	159	45	212	190
\$1,000	13,333	4,126	8,511	696	5,530	7,803
Landlord's share of total sales (see text) . . . . . farms	10,707	-	7,921	2,786	6,920	3,787
\$1,000	519,739	-	395,777	123,962	310,666	209,073
Agricultural products sold directly to individuals for human consumption (see text) . . . . . farms	2,455	1,332	855	268	1,218	1,237
\$1,000	11,651	6,368	3,973	1,310	5,119	6,532
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>						
Total farm production expenses . . . . . farms	90,648	49,781	30,560	10,307	58,977	31,671
\$1,000	10,303,448	3,154,742	6,013,996	1,134,710	5,530,220	4,773,228
Average per farm . . . . . dollars	113,664	63,372	196,793	110,091	93,769	150,713
Fertilizer, lime, and soil conditioners purchased . . . . . farms	61,514	24,300	28,269	8,945	38,675	22,839
\$1,000	665,890	129,452	447,061	89,378	386,232	279,659
Farms with expenses of-						
\$1 to \$4,999 . . . . .	28,624	17,027	7,517	4,080	18,230	10,394
\$5,000 to \$24,999 . . . . .	25,550	6,358	15,208	3,984	16,403	9,147
\$25,000 to \$49,999 . . . . .	5,538	693	4,103	742	3,220	2,318
\$50,000 or more . . . . .	1,802	222	1,441	139	822	980
Chemicals purchased . . . . . farms	54,776	22,688	23,965	8,123	33,889	20,887
\$1,000	464,509	69,495	326,089	68,925	258,920	205,589
Farms with expenses of-						
\$1 to \$4,999 . . . . .	29,778	18,551	7,104	4,123	19,071	10,707
\$5,000 to \$24,999 . . . . .	20,455	3,874	13,151	3,430	12,507	7,948
\$25,000 to \$49,999 . . . . .	3,719	209	3,015	495	1,952	1,767
\$50,000 or more . . . . .	824	54	695	75	359	465
Seeds, plants, vines, and trees . . . . . farms	59,724	24,304	26,876	8,544	37,981	21,743
\$1,000	603,316	123,726	397,842	81,748	345,228	258,088
Farms with expenses of-						
\$1 to \$999 . . . . .	11,754	9,102	1,779	873	7,750	4,004
\$1,000 to \$4,999 . . . . .	17,485	8,919	5,563	3,003	11,396	6,089
\$5,000 to \$24,999 . . . . .	24,681	5,504	15,173	4,004	15,881	8,800
\$25,000 to \$49,999 . . . . .	4,496	537	3,425	534	2,347	2,149
\$50,000 or more . . . . .	1,308	242	936	130	607	701
Livestock and poultry purchased . . . . . farms	25,756	10,247	12,416	3,093	15,042	10,714
\$1,000	1,854,227	633,448	1,044,840	175,938	962,123	892,104
Farms with expenses of-						
\$1 to \$4,999 . . . . .	12,317	5,942	5,011	1,364	7,247	5,070
\$5,000 to \$24,999 . . . . .	5,383	1,843	2,814	726	3,131	2,252
\$25,000 to \$99,999 . . . . .	4,095	1,249	2,297	549	2,560	1,535
\$100,000 to \$249,999 . . . . .	2,216	647	1,302	267	1,191	1,025
\$250,000 or more . . . . .	1,745	566	992	187	913	832
Breeding livestock purchased (see text) . . . . . farms	13,436	5,013	6,842	1,581	7,433	6,003
\$1,000	100,883	41,765	51,854	7,264	41,526	59,357
Other livestock and poultry purchased . . . . . farms	16,372	6,545	7,867	1,960	9,793	6,579
\$1,000	1,753,344	591,683	992,986	168,674	920,597	832,747
Feed purchased . . . . . farms	41,037	18,874	17,589	4,574	23,923	17,114
\$1,000	1,922,817	900,982	869,152	152,683	965,761	957,056
Farms with expenses of-						
\$1 to \$4,999 . . . . .	22,966	12,700	7,855	2,411	14,057	8,909
\$5,000 to \$24,999 . . . . .	8,952	3,260	4,587	1,105	5,125	3,827
\$25,000 to \$99,999 . . . . .	5,557	1,581	3,241	735	2,946	2,611
\$100,000 to \$249,999 . . . . .	1,952	656	1,103	193	967	985
\$250,000 or more . . . . .	1,610	677	803	130	828	782
Gasoline, fuels, and oils . . . . . farms	87,485	46,972	30,426	10,087	56,686	30,799
\$1,000	348,189	102,256	204,877	41,057	194,737	153,453
Farms with expenses of-						
\$1 to \$4,999 . . . . .	67,422	42,674	17,245	7,503	45,045	22,377
\$5,000 to \$24,999 . . . . .	18,367	3,857	12,072	2,438	10,871	7,496
\$25,000 to \$49,999 . . . . .	1,289	296	885	108	599	690
\$50,000 or more . . . . .	407	145	224	38	171	236

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) . . . . . farms	62,217	27,493	27,340	7,384	38,676	23,541
\$1,000	215,675	81,970	112,825	20,880	120,244	95,431
Farms with expenses of-						
\$1 to \$999 . . . . .	21,787	13,911	5,486	2,390	14,688	7,099
\$1,000 to \$4,999 . . . . .	30,383	10,791	15,607	3,985	18,521	11,862
\$5,000 to \$24,999 . . . . .	9,238	2,389	5,890	959	5,067	4,171
\$25,000 to \$49,999 . . . . .	551	250	271	30	278	273
\$50,000 or more . . . . .	258	152	86	20	122	136
Supplies, repairs, and maintenance . . . . . farms	81,393	42,099	29,639	9,655	52,354	29,039
\$1,000	646,011	206,719	366,158	73,134	365,174	280,837
Farms with expenses of-						
\$1 to \$4,999 . . . . .	49,261	32,670	11,048	5,543	33,052	16,209
\$5,000 to \$24,999 . . . . .	26,872	7,981	15,267	3,624	16,542	10,330
\$25,000 to \$49,999 . . . . .	3,626	967	2,301	358	1,989	1,637
\$50,000 or more . . . . .	1,634	481	1,023	130	771	863
Hired farm labor . . . . . farms	28,135	9,894	14,724	3,517	16,205	11,930
\$1,000	409,190	168,253	210,863	30,075	167,806	241,384
Farms with expenses of-						
\$1 to \$4,999 . . . . .	18,752	7,318	8,942	2,492	11,502	7,250
\$5,000 to \$24,999 . . . . .	5,901	1,530	3,609	762	3,147	2,754
\$25,000 to \$99,999 . . . . .	2,840	721	1,884	235	1,327	1,513
\$100,000 to \$249,999 . . . . .	480	221	237	22	172	308
\$250,000 or more . . . . .	162	104	52	6	57	105
Contract labor . . . . . farms	6,425	3,044	2,725	656	3,764	2,661
\$1,000	37,829	19,976	15,290	2,562	17,821	20,008
Farms with expenses of-						
\$1 to \$999 . . . . .	2,376	1,305	817	254	1,522	854
\$1,000 to \$4,999 . . . . .	2,856	1,235	1,298	323	1,577	1,279
\$5,000 to \$24,999 . . . . .	959	389	505	65	562	397
\$25,000 to \$49,999 . . . . .	115	38	69	8	54	61
\$50,000 or more . . . . .	119	77	36	6	49	70
Customwork and custom hauling . . . . . farms	30,366	12,998	13,190	4,178	18,883	11,483
\$1,000	160,788	61,232	79,911	19,645	87,056	73,732
Farms with expenses of-						
\$1 to \$999 . . . . .	10,046	5,526	3,220	1,300	6,534	3,512
\$1,000 to \$4,999 . . . . .	12,204	4,817	5,466	1,921	7,771	4,433
\$5,000 to \$24,999 . . . . .	7,189	2,262	4,100	827	4,074	3,115
\$25,000 to \$49,999 . . . . .	622	251	271	100	370	252
\$50,000 or more . . . . .	305	142	133	30	134	171
Cash rent for land, buildings, and grazing fees . . . . . farms	34,940	1,700	25,506	7,734	21,845	13,095
\$1,000	1,182,053	8,912	919,520	253,621	663,968	518,085
Farms with expenses of-						
\$1 to \$4,999 . . . . .	8,577	1,308	5,603	1,666	5,478	3,099
\$5,000 to \$9,999 . . . . .	3,994	210	2,804	980	2,592	1,402
\$10,000 to \$24,999 . . . . .	8,380	115	6,136	2,129	5,328	3,052
\$25,000 or more . . . . .	13,989	67	10,963	2,959	8,447	5,542
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	8,558	1,910	5,171	1,477	5,251	3,307
\$1,000	68,636	10,638	45,181	12,817	36,865	31,771
Farms with expenses of-						
\$1 to \$999 . . . . .	2,228	791	1,045	392	1,456	772
\$1,000 to \$4,999 . . . . .	3,150	720	1,928	502	1,956	1,194
\$5,000 to \$24,999 . . . . .	2,605	321	1,825	459	1,548	1,057
\$25,000 to \$49,999 . . . . .	387	49	253	85	210	177
\$50,000 or more . . . . .	188	29	120	39	81	107
Interest expense . . . . . farms	49,156	20,251	23,616	5,289	30,164	18,992
\$1,000	704,077	238,518	426,230	39,329	395,509	308,569
Farms with expenses of-						
\$1 to \$4,999 . . . . .	20,323	10,829	6,481	3,013	12,734	7,589
\$5,000 to \$24,999 . . . . .	21,382	7,222	12,167	1,993	13,289	8,093
\$25,000 to \$99,999 . . . . .	6,717	1,887	4,555	275	3,790	2,927
\$100,000 or more . . . . .	734	313	413	8	351	383
Secured by real estate . . . . . farms	36,961	17,021	19,940	-	22,393	14,568
\$1,000	456,338	184,764	271,574	-	257,745	198,594
Farms with expenses of-						
\$1 to \$999 . . . . .	4,282	2,595	1,687	-	2,712	1,570
\$1,000 to \$4,999 . . . . .	11,729	6,373	5,356	-	7,228	4,501
\$5,000 to \$24,999 . . . . .	16,613	6,473	10,140	-	9,998	6,615
\$25,000 to \$49,999 . . . . .	2,827	925	1,902	-	1,630	1,197
\$50,000 or more . . . . .	1,510	655	855	-	825	685
Not secured by real estate . . . . . farms	30,368	9,327	15,752	5,289	18,661	11,707
\$1,000	247,739	53,755	154,656	39,329	137,764	109,975
Farms with expenses of-						
\$1 to \$999 . . . . .	7,036	3,916	2,181	939	4,530	2,506
\$1,000 to \$4,999 . . . . .	10,724	3,173	5,477	2,074	6,469	4,255
\$5,000 to \$24,999 . . . . .	10,536	1,797	6,746	1,993	6,631	3,905
\$25,000 to \$49,999 . . . . .	1,521	288	1,009	224	777	744
\$50,000 or more . . . . .	551	153	339	59	254	297
Property taxes paid . . . . . farms	82,051	48,367	30,538	3,146	53,090	28,961
\$1,000	346,765	178,651	159,998	8,116	206,664	140,101
Farms with expenses of-						
\$1 to \$4,999 . . . . .	62,053	39,223	20,122	2,708	41,404	20,649
\$5,000 to \$9,999 . . . . .	12,542	5,723	6,495	324	7,589	4,953
\$10,000 to \$24,999 . . . . .	6,142	2,673	3,368	101	3,350	2,792
\$25,000 or more . . . . .	1,314	748	553	13	747	567

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>FARM PRODUCTION EXPENSES <sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) . . . . . farms	64,832	29,976	26,868	7,988	40,613	24,219
\$1,000	673,475	220,514	388,160	64,801	356,112	317,363
Farms with expenses of-						
\$1 to \$4,999 . . . . .	38,522	22,962	10,752	4,808	25,369	13,153
\$5,000 to \$24,999 . . . . .	20,805	5,576	12,479	2,750	12,321	8,484
\$25,000 to \$49,999 . . . . .	3,350	821	2,273	256	1,873	1,477
\$50,000 to \$99,999 . . . . .	1,423	325	965	133	712	711
\$100,000 or more . . . . .	732	292	399	41	338	394
Production expenses paid by landlords <sup>3</sup> . . . . . farms	10,057	1,064	6,815	2,178	5,899	4,158
\$1,000	169,575	6,837	123,511	39,226	87,395	82,180
Depreciation expenses claimed (see text) . . . . . farms	49,049	18,686	24,140	6,223	29,615	19,434
\$1,000	1,005,074	304,055	613,550	87,468	551,013	454,061
<b>NET CASH FARM INCOME (SEE TEXT) <sup>2</sup></b>						
Net cash farm income of operations (see text) . . . . . farms	90,648	49,781	30,560	10,307	58,977	31,671
\$1,000	2,863,769	871,745	1,653,509	338,515	1,660,911	1,202,859
Average per farm . . . . . dollars	31,592	17,512	54,107	32,843	28,162	37,980
Farms with net gains <sup>4</sup> . . . . . number	60,139	29,744	22,869	7,526	38,985	21,154
Average net gain . . . . . dollars	58,054	38,898	84,226	54,236	51,473	70,184
Gain of-						
Less than \$1,000 . . . . .	4,051	3,327	396	328	3,063	988
\$1,000 to \$4,999 . . . . .	9,046	6,856	1,494	696	6,146	2,900
\$5,000 to \$9,999 . . . . .	7,216	4,773	1,557	886	4,595	2,621
\$10,000 to \$24,999 . . . . .	11,948	6,568	3,777	1,603	8,257	3,691
\$25,000 to \$49,999 . . . . .	9,806	3,882	4,410	1,514	6,189	3,617
\$50,000 or more . . . . .	18,072	4,338	11,235	2,499	10,735	7,337
Farms with net losses . . . . . number	30,509	20,037	7,691	2,781	19,992	10,517
Average net loss . . . . . dollars	20,570	14,236	35,451	25,050	17,294	26,796
Loss of-						
Less than \$1,000 . . . . .	3,867	3,172	427	268	2,865	1,002
\$1,000 to \$4,999 . . . . .	9,849	7,466	1,701	682	6,620	3,229
\$5,000 to \$9,999 . . . . .	6,228	4,074	1,528	626	3,902	2,326
\$10,000 to \$24,999 . . . . .	5,386	3,082	1,725	579	3,346	2,040
\$25,000 to \$49,999 . . . . .	2,498	1,260	955	283	1,745	753
\$50,000 or more . . . . .	2,681	983	1,355	343	1,514	1,167
Net cash farm income of operators (see text) . . . . . farms	90,648	49,781	30,560	10,307	58,977	31,671
\$1,000	2,624,949	874,636	1,477,103	273,210	1,522,468	1,102,482
Average per farm . . . . . dollars	28,958	17,570	48,335	26,507	25,815	34,810
Operators reporting net gains <sup>4</sup> . . . . . farms	59,502	29,910	22,403	7,189	38,681	20,821
Average net gain . . . . . dollars	54,850	38,646	78,575	48,335	48,483	66,678
Gain of-						
Less than \$1,000 . . . . .	4,142	3,369	452	321	3,138	1,004
\$1,000 to \$4,999 . . . . .	9,385	6,917	1,681	787	6,399	2,986
\$5,000 to \$9,999 . . . . .	7,329	4,854	1,612	863	4,736	2,593
\$10,000 to \$24,999 . . . . .	12,387	6,529	4,072	1,786	8,445	3,942
\$25,000 to \$49,999 . . . . .	9,788	3,852	4,523	1,413	6,202	3,586
\$50,000 or more . . . . .	16,471	4,389	10,063	2,019	9,761	6,710
Operators reporting net losses . . . . . farms	31,146	19,871	8,157	3,118	20,296	10,850
Average net loss . . . . . dollars	20,508	14,154	34,720	23,821	17,388	26,344
Loss of-						
Less than \$1,000 . . . . .	3,888	3,162	414	312	2,856	1,032
\$1,000 to \$4,999 . . . . .	9,893	7,343	1,746	804	6,535	3,358
\$5,000 to \$9,999 . . . . .	6,261	4,098	1,488	675	3,948	2,313
\$10,000 to \$24,999 . . . . .	5,650	3,046	1,934	670	3,582	2,068
\$25,000 to \$49,999 . . . . .	2,629	1,251	1,088	290	1,784	845
\$50,000 or more . . . . .	2,825	971	1,487	367	1,591	1,234
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total . . . . . farms	17,025	3,429	10,412	3,184	10,469	6,556
\$1,000	709,718	53,187	552,416	104,115	383,320	326,398
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . . farms	40,681	17,773	18,008	4,900	25,864	14,817
\$1,000	339,770	160,367	143,915	35,489	211,226	128,545
Customwork and other agricultural services . . . . . farms	10,771	2,002	7,036	1,733	6,842	3,929
\$1,000	103,243	14,668	73,112	15,463	62,369	40,874
Gross cash rent or share payments . . . . . farms	12,081	8,896	2,543	642	7,759	4,322
\$1,000	170,001	124,556	33,189	12,256	112,065	57,936
Sales of forest products, excluding Christmas trees and maple products . . . . . farms	688	458	213	17	412	276
\$1,000	4,934	3,292	1,556	87	2,886	2,048
Recreational services (see text) . . . . . farms	256	134	106	16	150	106
\$1,000	880	477	338	65	514	367

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm		
		Full owners	Part owners	Tenants	One operator	More than one operator	
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.							
Patronage dividends and refunds from cooperatives (see text) . . . . .	farms \$1,000	24,233	8,053	12,839	3,341	15,337	8,896
		27,174	6,436	17,526	3,212	15,348	11,827
Other farm-related income sources (see text) . . . . .	farms \$1,000	8,445	3,288	4,145	1,012	4,997	3,448
		33,537	10,937	18,194	4,405	18,043	15,494
<b>LAND USE</b>							
Total cropland . . . . .	farms	84,755	44,866	29,873	10,016	56,797	27,958
	acres	27,153,291	6,515,763	17,111,584	3,525,944	16,459,391	10,693,900
Harvested cropland . . . . .	farms	67,338	28,352	29,342	9,644	43,570	23,768
	acres	23,994,343	4,664,209	15,973,117	3,357,017	14,362,908	9,631,435
Farms by acres harvested:							
1 to 49 acres . . . . .		14,687	11,451	2,158	1,078	9,292	5,395
50 to 99 acres . . . . .		7,557	4,732	1,744	1,081	5,074	2,483
100 to 199 acres . . . . .		11,660	5,704	3,722	2,234	7,902	3,758
200 to 499 acres . . . . .		17,404	4,560	9,711	3,133	11,647	5,757
500 to 999 acres . . . . .		10,515	1,258	7,733	1,524	6,713	3,802
1,000 to 1,999 acres . . . . .		4,630	488	3,625	517	2,571	2,059
2,000 acres or more . . . . .		885	159	649	77	371	514
Cropland-							
For pasture or grazing only . . . . .	farms	20,676	10,535	8,374	1,767	12,471	8,205
	acres	1,355,161	503,707	745,021	106,433	831,103	524,058
On which all crops failed . . . . .	farms	1,395	719	540	136	875	520
	acres	45,029	19,648	22,554	2,827	27,935	17,094
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . .	farms	29,532	21,463	6,726	1,343	20,761	8,771
	acres	1,758,758	1,328,199	370,892	59,667	1,237,445	521,313
In cultivated summer fallow . . . . .	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Total woodland . . . . .	farms	21,515	13,757	6,724	1,034	13,139	8,376
	acres	1,336,752	777,276	501,349	58,127	790,510	546,242
Woodland pastured . . . . .	farms	9,809	5,450	3,771	588	5,799	4,010
	acres	548,815	241,209	276,403	31,203	311,244	237,571
Woodland not pastured . . . . .	farms	14,593	9,897	4,119	577	8,996	5,597
	acres	787,937	536,067	224,946	26,924	479,266	308,671
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . .	farms	23,863	12,521	9,140	2,202	14,804	9,059
	acres	1,735,421	715,369	879,838	140,214	1,064,857	670,564
Land in house lots, ponds, roads, wasteland, etc. . . . .	farms	56,291	29,984	21,922	4,385	35,472	20,819
	acres	1,504,026	618,289	767,777	117,960	950,125	553,901
Irrigated land . . . . .	farms	976	475	372	129	490	486
	acres	142,109	16,858	102,665	22,586	67,379	74,730
Harvested cropland . . . . .	farms	934	443	365	126	469	465
	acres	141,438	16,353	102,502	22,583	67,078	74,360
Pastureland and other land . . . . .	farms	45	35	7	3	21	24
	acres	671	505	163	3	301	370
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . .	farms	30,454	21,214	7,981	1,259	20,792	9,662
	acres	1,694,138	1,245,754	399,340	49,044	1,132,617	561,521
Land used to raise certified organically produced crops (see text) . . . . .	farms	364	172	149	43	192	172
	acres	46,557	14,184	27,316	5,057	24,880	21,677
Land enrolled in Federal or other crop insurance programs (see text) . . . . .	farms	45,205	14,380	23,238	7,587	29,640	15,565
	acres	19,609,071	3,272,534	13,446,397	2,890,140	11,738,601	7,870,470
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>							
Estimated market value of land and buildings . . . . .	farms	90,648	49,781	30,560	10,307	58,977	31,671
	\$1,000	64,154,298	16,391,837	40,077,493	7,684,968	37,531,331	26,622,967
Average per farm . . . . .	dollars	707,730	329,279	1,311,436	745,607	636,372	840,610
Average per acre . . . . .	dollars	2,005	1,882	2,055	2,031	1,984	2,037
Farms by value group:							
\$1 to \$49,999 . . . . .		9,531	8,156	380	995	7,140	2,391
\$50,000 to \$99,999 . . . . .		9,784	8,113	704	967	6,750	3,034
\$100,000 to \$199,999 . . . . .		14,535	11,598	1,713	1,224	9,371	5,164
\$200,000 to \$499,999 . . . . .		22,282	13,868	5,914	2,500	14,849	7,433
\$500,000 to \$999,999 . . . . .		14,637	5,166	7,351	2,120	9,106	5,531
\$1,000,000 to \$1,999,999 . . . . .		11,607	1,785	8,194	1,628	7,265	4,342
\$2,000,000 to \$4,999,999 . . . . .		7,413	935	5,682	796	4,142	3,271
\$5,000,000 to \$9,999,999 . . . . .		793	159	565	69	347	446
\$10,000,000 or more . . . . .		66	1	57	8	7	59

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm		
		Full owners	Part owners	Tenants	One operator	More than one operator	
<b>VALUE OF MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Estimated market value of all machinery and equipment	farms \$1,000	88,859 8,923,379	48,166 2,592,958	30,420 5,139,754	10,273 1,190,668	57,469 5,249,393	31,390 3,673,986
Farms by value group:							
\$1 to \$4,999		12,931	11,548	673	710	9,240	3,691
\$5,000 to \$9,999		7,986	6,538	891	557	5,503	2,483
\$10,000 to \$19,999		9,377	6,965	1,581	831	6,020	3,357
\$20,000 to \$49,999		17,755	10,543	4,812	2,400	11,839	5,916
\$50,000 to \$99,999		14,098	5,970	6,080	2,038	9,013	5,075
\$100,000 to \$199,999		12,846	3,561	7,325	1,960	8,050	4,796
\$200,000 to \$499,999		11,024	2,426	7,141	1,457	6,309	4,715
\$500,000 or more		2,852	615	1,917	320	1,495	1,357
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Tractors	farms number	83,313 266,070	43,777 111,780	29,858 121,730	9,678 32,560	53,811 164,519	29,502 101,551
Less than 40 horsepower (PTO)	farms number	37,582 58,562	21,740 33,363	12,217 19,577	3,625 5,622	24,113 36,927	13,469 21,635
40 to 99 horsepower (PTO)	farms number	60,593 106,497	30,455 50,639	23,177 43,804	6,961 12,054	38,642 66,214	21,951 40,283
100 horsepower (PTO) or more	farms number	49,844 101,011	16,697 27,778	25,560 58,349	7,587 14,884	31,409 61,378	18,435 39,633
Grain and bean combines (see text)	farms number	41,026 44,901	12,529 13,714	22,341 24,581	6,156 6,606	26,141 28,492	14,885 16,409
Cotton pickers and strippers	farms number	- -	- -	- -	- -	- -	- -
Forage harvesters, self-propelled (see text)	farms number	2,773 2,912	936 973	1,449 1,530	388 409	1,597 1,675	1,176 1,237
Hay balers	farms number	27,147 31,293	12,485 14,046	11,889 14,072	2,773 3,175	16,210 18,385	10,937 12,908
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners	farms acres treated	56,912 16,295,095	20,590 3,087,760	27,700 10,957,661	8,622 2,249,674	35,018 9,393,344	21,894 6,901,751
Manure	farms acres treated	26,512 2,333,984	8,831 530,304	14,252 1,515,714	3,429 287,966	15,047 1,265,506	11,465 1,068,478
Acres treated with chemicals to control-							
Insects	farms acres	20,331 3,714,004	6,267 642,005	10,764 2,489,374	3,300 582,625	11,184 1,858,958	9,147 1,855,046
Weeds, grass, or brush	farms acres	46,334 16,716,673	16,290 2,309,406	22,577 11,841,490	7,467 2,565,777	27,677 9,203,570	18,657 7,513,103
Nematodes	farms acres	1,782 292,947	526 48,936	914 190,528	342 53,483	971 153,747	811 139,200
Diseases in crops and orchards	farms acres	834 113,930	401 14,729	368 88,802	65 10,399	331 48,425	503 65,505
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	190 3,196	130 1,910	43 976	17 310	49 1,570	141 1,626
<b>TENURE</b>							
Full owners	farms	49,889	49,889	-	-	33,878	16,011
Part owners	farms	30,265	-	30,265	-	19,144	11,121
Tenants	farms	10,501	-	-	10,501	7,417	3,084
<b>OWNED AND RENTED LAND</b>							
Land owned	farms acres	80,876 18,364,478	49,889 10,791,095	30,265 7,420,458	722 152,925	53,546 11,370,224	27,330 6,994,254
Owned land in farms	farms acres	80,154 15,646,472	49,889 8,626,697	30,265 7,019,775	- -	53,022 9,572,293	27,132 6,074,179
Land rented or leased from others	farms acres	41,084 16,269,487	318 48,893	30,265 12,306,152	10,501 3,914,442	26,783 9,813,281	14,301 6,456,206
Rented or leased land in farms	farms acres	40,766 16,083,018	- -	30,265 12,240,773	10,501 3,842,245	26,561 9,692,590	14,205 6,390,428
Land rented or leased to others	farms acres	17,098 2,904,475	12,903 2,213,291	3,201 466,062	994 225,122	11,112 1,918,622	5,986 985,853
<b>NUMBER OF OPERATORS</b>							
Total operators	number	127,166	68,952	43,766	14,448	60,439	66,727
Farms by number of operators:							
1 operator		60,439	33,878	19,144	7,417	60,439	-
2 operators		25,841	13,929	9,404	2,508	-	25,841
3 operators		3,175	1,494	1,249	432	-	3,175
4 operators		833	379	348	106	-	833
5 or more operators		367	209	120	38	-	367
Total women operators	number	28,143	17,159	8,782	2,202	4,085	24,058
Farms by number of women operators:							
1 operator		25,714	15,661	8,121	1,932	4,085	21,629
2 operators		946	574	269	103	-	946
3 operators		133	86	36	11	-	133
4 operators		14	9	1	4	-	14
5 or more operators		15	10	2	3	-	15

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	84,451	44,587	29,678	10,186	56,354	28,097
Female .....	6,204	5,302	587	315	4,085	2,119
Primary occupation:						
Farming .....	61,935	27,957	26,101	7,877	41,439	20,496
Other .....	28,720	21,932	4,164	2,624	19,000	9,720
Place of residence:						
On farm operated .....	69,329	35,683	26,859	6,787	45,521	23,808
Not on farm operated .....	21,326	14,206	3,406	3,714	14,918	6,408
Days worked off farm:						
None .....	41,409	21,669	15,995	3,745	27,689	13,720
Any .....	49,246	28,220	14,270	6,756	32,750	16,496
1 to 49 days .....	6,380	2,636	2,849	895	4,295	2,085
50 to 99 days .....	3,131	1,285	1,344	502	2,183	948
100 to 199 days .....	6,084	2,941	2,205	938	4,172	1,912
200 days or more .....	33,651	21,358	7,872	4,421	22,100	11,551
Years on present farm:						
2 years or less .....	2,314	1,619	300	395	1,568	746
3 or 4 years .....	4,493	2,997	649	847	2,828	1,665
5 to 9 years .....	12,038	7,692	2,367	1,979	7,791	4,247
10 years or more .....	71,810	37,581	26,949	7,280	48,252	23,558
Average years on present farm .....	23.9	23.6	26.2	18.8	24.0	23.7
Age group:						
Under 25 years .....	869	267	168	434	624	245
25 to 34 years .....	5,282	2,121	1,643	1,518	3,524	1,758
35 to 44 years .....	17,331	7,741	6,705	2,885	11,477	5,854
45 to 49 years .....	12,407	5,619	5,140	1,648	8,384	4,023
50 to 54 years .....	12,148	6,090	4,778	1,280	7,927	4,221
55 to 59 years .....	10,582	5,804	3,911	867	6,848	3,734
60 to 64 years .....	9,645	5,575	3,283	605	6,250	3,395
65 to 69 years .....	8,075	5,352	2,209	514	5,506	2,569
70 years and over .....	14,316	11,138	2,428	750	9,899	4,417
Average age .....	54.3	57.4	51.9	46.8	54.4	54.1
Spanish, Hispanic, or Latino origin (see text) .....	380	221	122	37	277	103
Race:						
White .....	90,472	49,744	30,240	10,488	60,346	30,126
Black or African American .....	31	20	6	5	18	13
American Indian or Alaska Native .....	61	51	10	-	23	38
Native Hawaiian or Other Pacific Islander .....	2	2	-	-	-	2
Asian .....	25	23	1	1	16	9
More than one race reported .....	64	49	8	7	36	28
Operators living on an American Indian reservation .....	1	1	-	-	1	-
Farms by number of persons living in operator's household:						
1 person .....	11,876	7,717	2,673	1,486	10,212	1,664
2 people .....	43,296	25,850	13,603	3,843	27,787	15,509
3 people .....	11,361	5,514	4,311	1,536	7,066	4,295
4 people .....	12,869	5,793	5,065	2,011	8,182	4,687
5 or more people .....	11,253	5,015	4,613	1,625	7,192	4,061
Percent of operator's total household income from farming:						
Less than 25 percent .....	36,935	26,838	6,492	3,605	24,866	12,069
25 to 49 percent .....	12,304	6,810	3,825	1,669	8,488	3,816
50 to 74 percent .....	16,287	7,795	6,409	2,083	11,169	5,118
75 to 99 percent .....	11,096	3,654	5,958	1,484	7,103	3,993
100 percent .....	11,522	3,470	6,730	1,322	7,405	4,117
Operator is a hired manager .....	2,511	1,322	851	338	1,408	1,103
farms .....						
acres .....	1,272,488	302,053	792,583	177,852	574,285	698,203
Farms with-						
Computer for farm business .....	41,722	18,245	17,805	5,672	25,123	16,599
Internet access .....	48,857	23,612	18,902	6,343	30,462	18,395
Farms by number of households sharing in net income of farm:						
1 household .....	67,219	38,037	21,989	7,193	49,701	17,518
2 households .....	15,043	7,712	5,178	2,153	6,654	8,389
3 households .....	3,396	1,610	1,296	490	1,352	2,044
4 households .....	1,365	639	528	198	757	608
5 households or more .....	1,121	569	423	129	567	554
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	78,699	43,829	25,882	8,988	55,914	22,785
farms .....						
acres .....	24,657,577	6,843,551	14,853,266	2,960,760	16,960,331	7,697,246
Partnership .....	5,792	3,135	1,805	852	1,039	4,753
farms .....						
acres .....	3,011,172	820,001	1,770,868	420,303	337,803	2,673,369
Registered under state law .....	2,592	1,538	723	331	478	2,114
farms .....						
acres .....	1,502,606	420,586	853,331	228,689	167,397	1,335,209

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation . . . . . farms	5,279	2,168	2,515	596	2,797	2,482
acres	3,862,248	819,653	2,592,923	449,672	1,834,762	2,027,466
Family held . . . . . farms	4,900	1,853	2,480	567	2,532	2,368
acres	3,742,023	774,595	2,529,810	437,618	1,775,594	1,966,429
More than 10 stockholders . . . . . farms	110	62	40	8	59	51
10 or less stockholders . . . . . farms	4,790	1,791	2,440	559	2,473	2,317
Other than family held . . . . . farms	379	315	35	29	265	114
acres	120,225	45,058	63,113	12,054	59,188	61,037
More than 10 stockholders . . . . . farms	55	48	5	2	36	19
10 or less stockholders . . . . . farms	324	267	30	27	229	95
Other-cooperative, estate or trust, institutional, etc . . . . . farms	885	757	63	65	689	196
acres	198,493	143,492	43,491	11,510	131,967	66,526
<b>HIRED FARM LABOR</b>						
Hired farm labor . . . . . farms	28,135	9,894	14,724	3,517	16,205	11,930
workers	82,991	32,563	41,865	8,563	42,253	40,738
Workers by days worked:						
150 days or more . . . . . farms	9,057	2,662	5,368	1,027	4,438	4,619
workers	22,027	7,671	12,421	1,935	8,865	13,162
Less than 150 days . . . . . farms	24,103	8,708	12,393	3,002	14,203	9,900
workers	60,964	24,892	29,444	6,628	33,388	27,576
Migrant farm labor on farms with hired labor (see text) . . . . . farms	101	57	34	10	59	42
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	39	-	19	20	9	30
<b>FARMS BY SIZE</b>						
1 to 9 acres . . . . .	4,811	4,361	114	336	3,139	1,672
10 to 49 acres . . . . .	16,278	14,160	1,177	941	11,308	4,970
50 to 69 acres . . . . .	3,843	3,049	466	328	2,686	1,157
70 to 99 acres . . . . .	6,821	5,289	788	744	4,710	2,111
100 to 139 acres . . . . .	6,300	4,482	1,064	754	4,328	1,972
140 to 179 acres . . . . .	7,286	4,623	1,518	1,145	5,076	2,210
180 to 219 acres . . . . .	4,621	2,726	1,186	709	3,160	1,461
220 to 259 acres . . . . .	4,506	2,274	1,543	689	3,020	1,486
260 to 499 acres . . . . .	15,592	5,569	7,642	2,381	10,497	5,095
500 to 999 acres . . . . .	13,063	2,302	9,027	1,734	8,402	4,661
1,000 to 1,999 acres . . . . .	6,213	750	4,829	634	3,517	2,696
2,000 acres or more . . . . .	1,321	304	911	106	596	725
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) . . . . .	42,509	15,436	19,744	7,329	29,204	13,305
Vegetable and melon farming (1112) . . . . .	317	220	62	35	153	164
Fruit and tree nut farming (1113) . . . . .	284	258	11	15	137	147
Greenhouse, nursery, and floriculture production (1114) . . . . .	580	493	50	37	303	277
Other crop farming (1119) . . . . .	18,891	17,597	915	379	14,192	4,699
Tobacco farming (11191) . . . . .	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	18,891	17,597	915	379	14,192	4,699
Beef cattle ranching and farming (11211) . . . . .	10,065	6,263	2,895	907	6,372	3,693
Cattle feedlots (11212) . . . . .	4,259	1,912	1,876	471	2,531	1,728
Dairy cattle and milk production (11212) . . . . .	2,306	1,014	1,003	289	1,072	1,234
Hog and pig farming (1122) . . . . .	5,742	2,579	2,488	675	3,442	2,300
Poultry and egg production (1123) . . . . .	442	324	83	35	219	223
Sheep and goat farming (1124) . . . . .	1,098	884	145	69	626	472
Animal aquaculture and other animal production (1125, 1129) . . . . .	4,162	2,909	993	260	2,188	1,974
<b>LIVESTOCK</b>						
Cattle and calves inventory . . . . . farms	32,169	14,087	14,419	3,663	19,716	12,453
number	3,535,945	1,114,833	2,081,619	339,493	1,951,392	1,584,553
Farms with-						
1 to 9 . . . . .	3,586	2,430	793	363	2,185	1,401
10 to 49 . . . . .	12,134	6,342	4,287	1,505	7,802	4,332
50 to 99 . . . . .	6,899	2,713	3,390	796	4,318	2,581
100 to 199 . . . . .	5,373	1,610	3,148	615	3,197	2,176
200 to 499 . . . . .	3,115	700	2,128	287	1,675	1,440
500 or more . . . . .	1,062	292	673	97	539	523
Cows and heifers that had calved . . . . . farms	25,676	11,183	11,607	2,886	15,620	10,056
number	1,194,635	407,724	672,437	114,474	671,913	522,722
Beef cows . . . . . farms	23,313	10,119	10,614	2,580	14,507	8,806
number	987,670	327,760	566,080	93,830	584,840	402,830
Farms with-						
1 to 9 . . . . .	3,855	2,402	997	456	2,343	1,512
10 to 49 . . . . .	13,021	5,906	5,580	1,535	8,385	4,636
50 to 99 . . . . .	4,235	1,265	2,564	406	2,575	1,660
100 to 199 . . . . .	1,771	434	1,184	153	976	795
200 to 499 . . . . .	397	99	268	30	208	189
500 or more . . . . .	34	13	21	-	20	14

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows . . . . . farms	3,034	1,347	1,333	354	1,439	1,595
number	206,965	79,964	106,357	20,644	87,073	119,892
Farms with-						
1 to 4 . . . . .	333	222	90	21	183	150
5 to 9 . . . . .	128	78	42	8	65	63
10 to 49 . . . . .	1,136	587	406	143	605	531
50 to 99 . . . . .	966	340	485	141	423	543
100 to 199 . . . . .	331	76	222	33	115	216
200 to 499 . . . . .	112	30	75	7	38	74
500 or more . . . . .	28	14	13	1	10	18
Other cattle (see text) . . . . . farms	29,013	12,231	13,444	3,338	17,602	11,411
number	2,341,310	707,109	1,409,182	225,019	1,279,479	1,061,831
Cattle and calves sold . . . . . farms	29,515	12,256	13,854	3,405	17,928	11,587
number	2,929,704	853,473	1,811,725	264,506	1,567,484	1,362,220
\$1,000	2,119,935	591,003	1,338,787	190,146	1,109,154	1,010,781
Calves weighing less than 500 pounds . . . . . farms	9,504	4,493	3,965	1,046	5,592	3,912
number	259,122	106,207	130,439	22,476	147,898	111,224
Cattle, including calves weighing						
500 pounds or more . . . . . farms	26,277	10,507	12,726	3,044	15,868	10,409
number	2,670,582	747,266	1,681,286	242,300	1,419,586	1,250,996
Cattle on feed (see text) . . . . . farms	10,386	3,467	5,665	1,254	6,070	4,316
number	1,806,291	470,377	1,174,242	161,672	912,513	893,778
Hogs and pigs inventory . . . . . farms	10,205	3,587	5,365	1,253	6,035	4,170
number	15,486,531	6,566,912	7,499,509	1,420,110	8,057,707	7,428,824
Farms with-						
1 to 24 . . . . .	821	491	241	89	499	322
25 to 49 . . . . .	297	134	124	39	171	126
50 to 99 . . . . .	432	188	194	50	266	166
100 to 199 . . . . .	733	290	333	110	491	242
200 to 499 . . . . .	1,999	648	1,058	293	1,247	752
500 or more . . . . .	5,923	1,836	3,415	672	3,361	2,562
Used or to be used for breeding . . . . . farms	4,386	1,646	2,221	519	2,469	1,917
number	1,145,323	616,026	438,750	90,547	528,143	617,180
Other hogs and pigs . . . . . farms	9,863	3,405	5,240	1,218	5,828	4,035
number	14,341,208	5,950,886	7,060,759	1,329,563	7,529,564	6,811,644
Hogs and pigs sold . . . . . farms	11,275	3,855	5,995	1,425	6,687	4,588
number	41,232,492	19,029,146	18,754,937	3,448,409	21,406,304	19,826,188
\$1,000	3,078,455	1,310,983	1,498,857	268,615	1,593,491	1,484,964
Sheep and lambs of all ages						
inventory (see text) . . . . . farms	3,751	2,027	1,359	365	2,082	1,669
number	249,908	117,001	101,188	31,719	154,707	95,201
Ewes 1 year old or older . . . . . farms	3,531	1,899	1,280	352	1,958	1,573
number	130,808	59,863	56,518	14,427	77,295	53,513
Sheep and lambs sold . . . . . farms	2,903	1,521	1,078	304	1,601	1,302
number	257,130	117,543	111,896	27,691	172,775	84,355
Horses and ponies inventory . . . . . farms	11,482	7,040	3,568	874	6,261	5,221
number	77,123	48,177	23,483	5,463	39,502	37,621
Horses and ponies sold . . . . . farms	2,775	1,779	801	195	1,373	1,402
number	10,601	6,297	3,644	660	5,234	5,367
Goats, All inventory . . . . . farms	1,167	763	317	87	567	600
number	18,898	11,770	5,767	1,361	8,348	10,550
Goats sold . . . . . farms	497	331	130	36	233	264
number	11,093	7,127	3,195	771	5,550	5,543
<b>POULTRY</b>						
Layers 20 weeks old and older						
inventory . . . . . farms	1,934	1,314	493	127	901	1,033
number	38,650,210	35,268,263	1,982,353	1,399,594	23,476,412	15,173,798
Farms with-						
1 to 399 . . . . .	1,812	1,240	457	115	837	975
400 to 3,199 . . . . .	26	17	4	5	17	9
3,200 to 9,999 . . . . .	21	12	9	-	12	9
10,000 to 19,999 . . . . .	9	-	8	1	3	6
20,000 to 49,999 . . . . .	10	2	6	2	4	6
50,000 to 99,999 . . . . .	11	8	3	-	6	5
100,000 or more . . . . .	46	35	7	4	22	24
Pullets for laying flock replacement						
inventory . . . . . farms	472	317	125	30	217	255
number	7,403,989	5,730,761	(D)	(D)	3,247,307	4,156,682
Layers and pullets sold (see text) . . . . . farms	462	292	128	42	223	239
number	30,174,804	23,461,777	5,972,091	740,936	13,935,444	16,239,360
Broilers and other meat-type chickens						
sold . . . . . farms	629	350	208	71	284	345
number	9,558,127	2,695,826	6,122,765	739,536	5,252,685	4,305,442
Farms with-						
1 to 1,999 . . . . .	557	315	183	59	251	306
2,000 to 59,999 . . . . .	51	29	12	10	21	30
60,000 to 99,999 . . . . .	2	2	-	-	1	1
100,000 or more . . . . .	19	4	13	2	11	8

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>POULTRY - Con.</b>						
Turkeys inventory .....	355	249	81	25	178	177
farms						
number	3,681,862	2,571,457	1,054,217	56,188	1,650,420	2,031,442
Turkeys sold .....	200	118	60	22	92	108
farms						
number	9,145,415	5,934,095	2,931,773	279,547	2,823,179	6,322,236
<b>CROPS HARVESTED</b>						
Corn for grain .....	52,806	17,749	26,524	8,533	34,641	18,165
farms						
acres	11,761,392	2,177,015	7,913,095	1,671,282	7,023,567	4,737,825
bushels	1,851,276,224	337,347,262	1,251,040,638	262,888,324	1,098,149,579	753,126,645
Irrigated .....	416	89	261	66	225	191
farms						
acres	86,261	10,384	61,858	14,019	40,894	45,367
Farms by acres harvested:						
1 to 24 acres .....	4,881	3,387	1,034	460	3,276	1,605
25 to 99 acres .....	15,510	7,996	4,651	2,863	10,612	4,898
100 to 249 acres .....	16,414	4,413	8,964	3,037	11,085	5,329
250 to 499 acres .....	10,115	1,237	7,359	1,519	6,482	3,633
500 acres or more .....	5,886	716	4,516	654	3,186	2,700
Corn for silage or greenchop .....	6,909	1,898	4,147	864	3,796	3,113
farms						
acres	247,269	56,788	163,623	26,858	127,845	119,424
tons	4,726,816	1,032,806	3,211,610	482,400	2,487,297	2,239,519
Irrigated .....	13	1	11	1	8	5
farms						
acres	514	(D)	(D)	(D)	420	94
Farms by acres harvested:						
1 to 24 acres .....	4,025	1,217	2,260	548	2,332	1,693
25 to 99 acres .....	2,387	583	1,535	269	1,222	1,165
100 to 249 acres .....	393	85	272	36	186	207
250 to 499 acres .....	92	10	72	10	51	41
500 acres or more .....	12	3	8	1	5	7
Sorghum for grain .....	38	178	19	4	18	20
farms						
acres	2,355	75	1,522	55	563	1,792
bushels	142,814	44,692	95,058	3,064	29,065	113,749
Irrigated .....	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres .....	21	9	10	2	12	9
25 to 99 acres .....	12	4	6	2	6	6
100 to 249 acres .....	1	1	-	-	-	1
250 to 499 acres .....	4	1	3	-	-	4
500 acres or more .....	-	-	-	-	-	-
Wheat for grain, All .....	412	128	232	52	239	173
farms						
acres	18,317	4,541	10,943	2,833	9,279	9,038
bushels	961,995	228,482	577,043	156,470	505,736	456,259
Irrigated .....	1	-	-	1	1	1
farms						
acres	(D)	-	-	(D)	-	(D)
Farms by acres harvested:						
1 to 24 acres .....	212	70	111	31	126	86
25 to 99 acres .....	157	49	95	13	91	66
100 to 249 acres .....	35	7	22	6	20	15
250 to 499 acres .....	6	2	3	1	1	5
500 acres or more .....	2	-	1	1	1	1
Barley for grain .....	152	54	68	30	77	75
farms						
acres	4,166	1,179	2,261	726	1,617	2,549
bushels	241,818	71,665	123,922	46,231	88,655	153,163
Irrigated .....	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres .....	98	36	40	22	51	47
25 to 99 acres .....	49	17	24	8	26	23
100 to 249 acres .....	3	-	3	-	-	3
250 to 499 acres .....	2	1	1	-	-	2
500 acres or more .....	-	-	-	-	-	-
Oats for grain .....	6,963	2,598	3,555	810	4,103	2,860
farms						
acres	143,513	48,391	78,323	16,799	83,131	60,382
bushels	10,761,952	3,489,867	5,997,047	1,275,038	6,258,863	4,503,089
Irrigated .....	1	-	-	1	1	1
farms						
acres	(D)	-	-	(D)	-	(D)
Farms by acres harvested:						
1 to 24 acres .....	5,144	2,046	2,485	613	3,052	2,092
25 to 99 acres .....	1,732	526	1,019	187	1,001	731
100 to 249 acres .....	84	24	51	9	49	35
250 to 499 acres .....	2	2	-	-	1	1
500 acres or more .....	1	-	-	1	-	1
Flaxseed .....	2	1	-	1	1	1
farms						
acres	(D)	(D)	-	(D)	(D)	(D)
bushels	(D)	(D)	-	(D)	(D)	(D)
Irrigated .....	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Sunflower seed, All .....	6	4	2	-	2	4
farms						
acres	(D)	11	(D)	-	(D)	(D)
pounds	(D)	4,750	(D)	-	(D)	(D)
Irrigated .....	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres .....	4	4	-	-	2	2
25 to 99 acres .....	-	-	-	-	-	-
100 to 249 acres .....	1	-	1	-	-	1
250 to 499 acres .....	1	-	1	-	-	1
500 acres or more .....	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>CROPS HARVESTED - Con.</b>						
Tobacco						
farms	3	1	2	-	2	1
acres	8	(D)	(D)	-	(D)	(D)
pounds	17,678	(D)	(D)	-	(D)	(D)
Irrigated	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
0.1 to 0.9 acres	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-
2.0 to 2.9 acres	2	-	2	-	2	-
3.0 to 4.9 acres	1	1	-	-	-	1
5.0 to 9.9 acres	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-
25.0 acres or more	-	-	-	-	-	-
Soybeans for beans						
farms	48,752	15,390	25,310	8,052	32,148	16,604
acres	10,418,621	1,853,518	7,061,081	1,504,022	6,313,293	4,105,328
bushels	487,380,897	84,831,348	332,549,974	69,999,575	293,810,352	193,570,545
Irrigated						
farms	283	54	176	53	170	113
acres	46,977	4,338	35,144	7,495	23,058	23,919
Farms by acres harvested:						
1 to 24 acres	3,907	2,583	904	420	2,612	1,295
25 to 99 acres	15,373	7,421	5,029	2,923	10,509	4,864
100 to 249 acres	15,183	3,720	8,695	2,768	10,355	4,828
250 to 499 acres	9,371	1,102	6,870	1,399	6,006	3,365
500 acres or more	4,918	564	3,812	542	2,666	2,252
Dry edible beans, excluding limas						
farms	56	21	25	10	32	24
acres	2,270	(D)	1,463	(D)	1,410	860
cwt	71,739	10,117	50,315	11,307	45,491	26,248
Irrigated						
farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	28	14	8	6	14	14
25 to 99 acres	22	7	12	3	13	9
100 to 249 acres	5	-	4	1	5	-
250 to 499 acres	1	-	1	-	-	1
500 acres or more	-	-	-	-	-	-
Potatoes						
farms	117	57	37	23	46	71
acres	1,005	491	499	15	666	339
cwt	231,352	103,904	125,329	2,119	155,989	75,363
Irrigated						
farms	13	5	4	4	3	10
acres	91	(D)	(D)	3	(D)	(D)
Farms by acres harvested:						
0.1 to 4.9 acres	104	49	33	22	38	66
5.0 to 24.9 acres	6	5	-	1	3	3
25.0 to 99.9 acres	3	2	1	-	2	1
100.0 to 249.9 acres	3	-	3	-	2	1
250.0 acres or more	1	1	-	-	1	-
Sweet potatoes						
farms	18	8	2	8	6	12
acres	8	(D)	(D)	(D)	4	5
cwt	639	(D)	(D)	214	216	423
Irrigated						
farms	3	2	-	1	2	1
acres	(D)	(D)	-	(D)	(D)	(D)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)						
farms	33,406	15,350	14,612	3,444	20,456	12,950
acres	1,533,027	559,811	825,213	148,003	885,031	647,996
tons, dry	5,177,896	1,701,678	2,932,388	543,830	2,941,441	2,236,455
Irrigated						
farms	28	6	20	2	18	10
acres	1,424	31	(D)	(D)	897	527
Farms by acres harvested:						
1 to 24 acres	15,567	8,473	5,452	1,642	9,817	5,750
25 to 99 acres	13,845	5,702	6,693	1,450	8,445	5,400
100 to 249 acres	3,500	1,054	2,134	312	1,967	1,533
250 to 499 acres	428	97	296	35	195	233
500 acres or more	66	24	37	5	32	34
Alfalfa hay						
farms	29,114	12,849	13,153	3,112	17,850	11,264
acres	1,168,668	418,356	632,122	118,190	686,335	482,333
tons, dry	4,183,945	1,359,810	2,377,334	446,801	2,441,598	1,742,347
Irrigated						
farms	22	4	16	2	15	7
acres	1,214	27	(D)	(D)	851	363
Other tame hay						
farms	5,579	2,926	2,280	373	3,350	2,229
acres	217,296	97,735	105,158	14,403	128,039	89,257
tons, dry	426,591	180,672	217,356	28,563	251,156	175,435
Irrigated						
farms	4	3	1	-	3	1
acres	(D)	4	(D)	-	(D)	(D)
Land used for vegetables (see text)						
farms	752	456	231	65	372	380
acres	9,268	2,913	5,831	524	5,244	4,024
Irrigated						
farms	117	68	35	14	39	78
acres	1,197	559	556	83	479	719
Farms by acres harvested:						
0.1 to 4.9 acres	511	346	124	41	251	260
5.0 to 24.9 acres	163	84	59	20	82	81
25.0 to 99.9 acres	57	23	31	3	25	32
100.0 to 249.9 acres	15	2	12	1	9	6
250.0 acres or more	6	1	5	-	5	1
Snap beans harvested for sale						
farms	176	99	51	26	70	106
acres	511	194	206	111	410	102
Irrigated						
farms	15	7	1	7	6	9
acres	262	13	(D)	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) - Con.						
Peas, green, harvested for sale	46	26	19	1	18	28
acres	1,140	(D)	993	(D)	759	381
Harvested for processing	6	1	5	-	3	3
acres	493	(D)	(D)	-	(D)	(D)
Sweet corn harvested for sale	462	249	176	37	228	234
acres	4,876	1,272	3,352	252	3,083	1,794
Harvested for processing	58	24	27	7	30	28
acres	1,891	(D)	1,641	(D)	1,523	368
Tomatoes harvested for sale	288	183	72	33	123	165
acres	205	114	71	20	80	125
Harvested for processing	25	16	1	8	11	14
acres	17	12	(D)	(D)	6	10
Field and grass seed crops, All	87	52	27	8	51	36
acres	2,757	862	1,484	411	1,433	1,324
Irrigated	-	-	-	-	-	-
acres	-	-	-	-	-	-
All land in orchards	493	398	70	25	241	252
acres	3,141	2,804	199	139	1,465	1,677
Irrigated	26	19	4	3	7	19
acres	(D)	29	6	(D)	(D)	(D)
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	352	280	56	16	181	171
5.0 to 24.9 acres	117	95	13	9	52	65
25.0 to 99.9 acres	21	20	1	-	6	15
100.0 to 249.9 acres	2	2	-	-	1	1
250.0 acres or more	1	1	-	-	1	-
Apples	344	274	55	15	167	177
Bearing and nonbearing acres	2,025	1,795	141	89	844	1,181
Grapes	133	105	21	7	72	61
Bearing and nonbearing acres	154	126	15	13	92	62
Peaches, All	61	54	3	4	26	35
Bearing and nonbearing acres	23	17	(D)	(D)	12	11
Pecans	15	11	4	-	7	8
Bearing and nonbearing acres	15	15	1	-	10	5
Walnuts, English	26	25	1	-	10	16
Bearing and nonbearing acres	122	(D)	(D)	-	76	47
Land in berries harvested for sale (see text)						
acres	168	108	47	13	73	95
acres	228	161	61	6	88	140
Irrigated	53	36	11	6	15	38
acres	116	91	22	4	26	90

<sup>1</sup> Data do not include the value of cottonseed and peanuts.  
<sup>2</sup> Data are based on a sample of farms.  
<sup>3</sup> Landlord production expenses are included with total farm production expenses.  
<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 1. County Summary Highlights: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms	90,655	843	567	1,083	816	638	1,186
Land in farms	31,729,490	373,216	237,824	326,122	235,638	261,210	400,654
Average size of farm	350	443	419	301	289	409	338
Median size of farm	194	240	232	201	157	200	200
Estimated market value of land and buildings <sup>1</sup> :							
Average per farm	707,730	620,870	538,843	471,249	287,881	740,445	789,874
Average per acre	2,005	1,464	1,421	1,524	926	1,840	2,374
Estimated market value of all machinery and equipment <sup>1</sup> :							
Average per farm	100,422	108,285	51,903	106,884	39,327	109,315	102,187
Farms by size:							
1 to 9 acres	4,811	28	22	49	19	33	72
10 to 49 acres	16,278	113	71	162	144	110	214
50 to 179 acres	24,250	231	159	298	292	162	288
180 to 499 acres	24,719	242	154	386	220	166	338
500 to 999 acres	13,063	132	92	136	97	96	179
1,000 acres or more	7,534	97	69	52	44	71	95
Total cropland	84,755	800	532	964	749	595	1,128
Harvested cropland	27,153,291	307,072	182,288	191,600	159,649	233,685	358,106
Irrigated land	976	1	3	7	1	3	10
Market value of agricultural products sold (see text)	12,273,634	93,281	50,935	91,025	25,283	112,708	147,953
Average per farm	135,388	110,654	89,833	84,049	30,984	176,658	124,750
Crops	6,071,272	53,697	28,340	28,508	12,970	46,744	95,301
Livestock, poultry, and their products	6,202,362	39,584	22,595	62,517	12,314	65,964	52,653
Farms by value of sales:							
Less than \$2,500	23,436	220	187	432	283	184	262
\$2,500 to \$4,999	3,737	28	27	31	57	16	46
\$5,000 to \$9,999	4,902	48	34	51	91	21	48
\$10,000 to \$24,999	9,409	104	70	107	142	65	127
\$25,000 to \$49,999	10,038	107	53	116	106	50	141
\$50,000 to \$99,999	11,718	104	73	113	80	84	160
\$100,000 or more	27,415	232	123	233	57	218	402
Government payments	63,074	574	425	799	534	480	824
Total income from farm-related sources, gross before taxes and expenses (see text)	538,896	4,872	4,150	7,183	3,629	4,678	7,104
Total farm production expenses <sup>1</sup>	40,681	316	229	542	211	322	538
Net cash farm income of operation (see text) <sup>1</sup>	339,770	2,790	1,684	3,495	1,076	3,858	4,595
Total farm production expenses <sup>1</sup>	10,303,448	74,345	37,344	79,652	23,357	100,266	114,012
Average per farm	113,664	87,982	65,979	73,547	28,519	157,652	95,647
Net cash farm income of operation (see text) <sup>1</sup>	90,648	845	566	1,083	819	636	1,192
Average per farm	2,863,769	24,556	13,177	19,812	5,631	22,440	44,991
Principal operator by primary occupation:							
Farming	61,935	585	396	703	459	446	807
Other	28,720	258	171	380	357	192	379
Principal operator by days worked off farm:							
Any	49,246	448	300	526	485	336	683
200 days or more	33,651	303	219	389	342	218	499
Livestock and poultry:							
Cattle and calves inventory	32,169	455	279	531	459	218	431
Beef cows	3,535,945	53,273	31,926	68,920	38,693	27,202	36,452
Milk cows	23,313	406	245	340	415	162	322
Cattle and calves sold	987,670	22,289	(D)	18,610	22,139	9,667	9,551
Hogs and pigs inventory	3,034	6	3	153	21	6	27
Hogs and pigs sold	206,965	195	(D)	12,235	350	97	5,302
Sheep and lambs inventory	29,515	427	249	501	426	213	381
Layers 20 weeks old and older inventory	2,929,704	36,287	22,300	30,009	20,912	30,600	27,256
Broilers and other meat-type chickens sold	10,205	69	26	59	12	90	127
Sheep and lambs sold	15,486,531	28,520	25,256	79,652	2,027	192,491	88,299
Layers 20 weeks old and older inventory	11,275	70	24	67	14	102	130
Broilers and other meat-type chickens sold	41,232,492	63,677	71,602	229,844	2,630	695,617	213,656
Layers 20 weeks old and older inventory	3,751	36	19	26	27	22	57
Broilers and other meat-type chickens sold	249,908	2,081	661	894	1,019	1,051	4,602
Broilers and other meat-type chickens sold	1,934	16	7	10	17	8	28
Broilers and other meat-type chickens sold	38,650,210	(D)	93	950	295	(D)	(D)
Broilers and other meat-type chickens sold	629	7	7	2	1	5	14
Broilers and other meat-type chickens sold	9,558,127	1,762	1,485,222	(D)	(D)	440	7,365
Selected crops harvested:							
Corn for grain	52,806	471	277	468	226	348	774
Corn for silage or greenchop	11,761,392	106,875	60,020	61,997	21,487	97,642	161,461
Wheat for grain, All	1,851,276,224	15,758,674	7,827,147	9,554,607	2,783,553	14,470,133	28,235,108
Wheat for grain, All	6,909	72	26	211	18	36	80
Winter wheat for grain	247,269	2,332	1,571	6,581	508	1,444	3,174
Spring wheat for grain	4,726,816	32,295	31,681	127,378	7,956	19,798	65,837
Wheat for grain, All	412	2	3	1	3	2	2
Winter wheat for grain	18,317	(D)	161	(D)	320	(D)	(D)
Spring wheat for grain	961,995	(D)	6,800	(D)	15,940	(D)	(D)
Wheat for grain, All	405	2	3	1	3	2	1
Winter wheat for grain	18,038	(D)	161	(D)	320	(D)	(D)
Spring wheat for grain	952,550	(D)	6,800	(D)	15,940	(D)	(D)
Wheat for grain, All	7	-	-	-	-	-	1
Winter wheat for grain	279	-	-	-	-	-	(D)
Spring wheat for grain	9,445	-	-	-	-	-	(D)

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Farms	939	827	956	1,067	825	1,076	762
Land in farms	275,014	312,708	254,923	340,422	341,677	327,708	340,739
Average size of farm	293	378	267	319	414	305	447
Median size of farm	151	181	150	160	311	162	274
Estimated market value of land and buildings <sup>1</sup> :							
Average per farm	838,929	936,262	674,166	718,027	1,082,507	664,074	1,071,168
Average per acre	2,786	2,151	2,588	2,449	2,465	2,233	2,460
Estimated market value of all machinery and equipment <sup>1</sup> :							
Average per farm	106,687	128,757	121,400	105,191	124,771	82,455	148,418
Farms by size:							
1 to 9 acres	78	70	71	86	59	85	65
10 to 49 acres	209	177	192	178	113	242	122
50 to 179 acres	255	180	294	322	146	246	146
180 to 499 acres	220	187	253	262	241	292	175
500 to 999 acres	109	115	95	138	200	143	148
1,000 acres or more	68	98	51	81	66	68	106
Total cropland	874	770	885	994	773	1,016	724
Harvested cropland	252,577	280,874	231,155	311,313	315,058	295,736	320,259
Irrigated land	16	10	5	1	5	3	1
Market value of agricultural products sold (see text)	114,383	105,933	108,067	141,612	212,736	134,543	140,558
Crops	69,697	75,622	62,661	83,936	79,349	74,534	82,575
Livestock, poultry, and their products	44,686	30,311	45,406	57,676	133,387	60,009	57,983
Farms by value of sales:							
Less than \$2,500	209	208	209	191	124	307	142
\$2,500 to \$4,999	45	40	41	34	23	34	17
\$5,000 to \$9,999	47	39	61	44	29	38	27
\$10,000 to \$24,999	102	86	113	126	52	111	57
\$25,000 to \$49,999	124	98	121	149	91	111	86
\$50,000 to \$99,999	155	104	134	157	111	174	97
\$100,000 or more	257	252	277	366	395	301	336
Government payments	635	520	669	665	642	808	560
Total income from farm-related sources, gross before taxes and expenses (see text)	4,967	4,303	4,239	5,799	4,814	6,543	4,524
Total farm production expenses <sup>1</sup>	99,276	89,253	88,375	111,012	159,864	115,660	114,736
Net cash farm income of operation (see text) <sup>1</sup>	31,962	29,465	28,344	36,026	65,845	32,808	37,092
Principal operator by primary occupation:							
Farming	581	561	640	765	642	740	570
Other	358	266	316	302	183	336	192
Principal operator by days worked off farm:							
Any	511	465	560	590	424	531	418
200 days or more	354	327	413	385	265	357	257
Livestock and poultry:							
Cattle and calves inventory	14,833	17,309	21,479	21,600	21,471	19,103	16,531
Beef cows	111	144	162	198	120	185	105
Milk cows	3,577	4,468	3,518	4,302	4,405	4,903	(D)
Cattle and calves sold	173	157	288	350	156	282	132
Hogs and pigs inventory	10,893	19,371	11,980	16,287	24,425	15,871	20,340
Hogs and pigs sold	116	65	107	164	178	109	94
Sheep and lambs inventory	161,464	63,649	127,374	169,285	314,097	208,259	191,893
Layers 20 weeks old and older inventory	139	70	125	182	192	130	105
Broilers and other meat-type chickens sold	371,830	126,090	330,867	552,193	810,256	511,508	514,239
Selected crops harvested:							
Corn for grain	594	522	623	730	606	653	557
Corn for silage or greenchop	124,214	137,717	115,017	158,154	155,329	141,955	155,718
Wheat for grain, All	21,803,101	22,815,697	20,456,080	27,777,523	23,893,505	23,928,365	25,582,211
Winter wheat for grain	48	19	80	80	49	59	24
Spring wheat for grain	1,085	598	2,155	2,094	1,777	1,359	1,164
Wheat for grain, All	22,867	10,617	41,627	41,024	46,719	25,632	23,994
Wheat for grain, All	1	2	-	2	1	2	-
Winter wheat for grain	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Spring wheat for grain	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wheat for grain, All	1	2	-	2	1	2	-
Winter wheat for grain	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Spring wheat for grain	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wheat for grain, All	-	-	-	-	-	-	-
Winter wheat for grain	-	-	-	-	-	-	-
Spring wheat for grain	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms . . . . .	1,045	764	971	795	837	951	726
Land in farms . . . . .	364,175	336,625	338,493	323,420	335,410	271,098	216,187
Average size of farm . . . . .	348	441	349	407	401	285	298
Median size of farm . . . . .	240	220	190	200	292	160	168
Estimated market value of land and buildings <sup>1</sup> :							
Average per farm . . . . .	798,845	695,234	763,952	824,072	871,557	608,608	356,121
Average per acre . . . . .	2,210	1,639	2,081	2,114	2,274	2,169	995
Estimated market value of all machinery and equipment <sup>1</sup> :							
Average per farm . . . . .	128,632	118,000	104,630	131,548	99,972	113,298	51,455
Farms by size:							
1 to 9 acres . . . . .	95	41	73	66	45	60	18
10 to 49 acres . . . . .	138	110	165	182	119	192	105
50 to 179 acres . . . . .	206	209	251	152	155	271	262
180 to 499 acres . . . . .	372	170	256	169	286	256	226
500 to 999 acres . . . . .	165	119	140	126	159	126	74
1,000 acres or more . . . . .	69	115	86	100	73	46	41
Total cropland . . . . .	972	717	917	742	769	901	679
Harvested cropland . . . . .	331,279	295,833	297,936	303,106	289,810	241,508	143,286
Irrigated land . . . . .	6	4	5	8	3	3	2
farms . . . . .	7	(D)	9	454	(D)	3	(D)
acres . . . . .							
Market value of agricultural products sold (see text) . . . . .	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Average per farm . . . . .	264,017	117,112	123,000	112,257	154,661	119,896	43,656
Crops . . . . .	252,648	153,289	126,674	141,204	184,780	126,073	60,132
Livestock, poultry, and their products . . . . .	75,490	52,395	82,311	83,706	66,407	56,278	11,499
Livestock, poultry, and their products . . . . .	188,527	64,717	40,689	28,551	88,253	63,617	32,157
Farms by value of sales:							
Less than \$2,500 . . . . .	169	196	254	202	102	242	255
\$2,500 to \$4,999 . . . . .	12	35	45	31	27	30	55
\$5,000 to \$9,999 . . . . .	42	38	26	28	27	52	63
\$10,000 to \$24,999 . . . . .	90	90	88	69	77	104	137
\$25,000 to \$49,999 . . . . .	115	78	89	58	100	108	92
\$50,000 to \$99,999 . . . . .	167	89	144	126	150	124	59
\$100,000 or more . . . . .	450	238	325	281	354	291	65
Government payments . . . . .	713	548	719	577	539	687	478
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . .	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Average per farm . . . . .	4,808	4,879	7,124	5,483	3,888	4,694	2,941
Total farm production expenses <sup>1</sup> . . . . .	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Average per farm . . . . .	225,830	98,285	97,444	87,852	122,479	114,325	49,040
Net cash farm income of operation (see text) <sup>1</sup> . . . . .	216,312	128,309	100,046	110,785	146,330	119,837	67,455
Principal operator by primary occupation:							
Farming . . . . .	1,044	766	974	793	837	954	727
Other . . . . .	47,965	21,240	34,709	31,566	33,548	19,121	2,758
Average per farm . . . . .	45,944	27,729	35,636	39,806	40,082	20,043	3,793
Principal operator by days worked off farm:							
Any . . . . .	806	551	650	607	639	674	433
200 days or more . . . . .	239	213	321	188	198	277	293
Livestock and poultry:							
Cattle and calves inventory . . . . .	339	360	312	150	355	330	397
Beef cows . . . . .	70,074	52,262	22,194	10,975	59,703	34,810	37,103
Milk cows . . . . .	223	306	249	84	256	164	368
Cattle and calves sold . . . . .	8,443	(D)	9,229	2,694	12,195	5,105	(D)
Hogs and pigs inventory . . . . .	8	12	12	12	17	68	4
Hogs and pigs sold . . . . .	297	(D)	479	391	649	4,722	(D)
Sheep and lambs inventory . . . . .	312	337	294	134	345	305	351
Layers 20 weeks old and older inventory . . . . .	103,840	51,968	17,261	6,348	55,327	28,225	18,796
Broilers and other meat-type chickens sold . . . . .	265	60	108	92	171	114	36
Wheat for grain, All . . . . .	531,966	64,364	141,678	144,002	223,059	139,622	(D)
Winter wheat for grain . . . . .	280	64	121	103	186	131	34
Spring wheat for grain . . . . .	1,379,984	158,400	351,223	322,247	547,713	368,129	(D)
Broilers and other meat-type chickens sold . . . . .	30	37	58	26	28	39	47
Layers 20 weeks old and older inventory . . . . .	2,365	2,200	2,382	1,137	1,127	3,267	2,059
Broilers and other meat-type chickens sold . . . . .	15	9	30	16	9	16	23
Broilers and other meat-type chickens sold . . . . .	440	(D)	715	(D)	589	773	907
Broilers and other meat-type chickens sold . . . . .	7	6	13	3	2	9	1
Broilers and other meat-type chickens sold . . . . .	1,610	(D)	761	926	(D)	864	(D)
Selected crops harvested:							
Corn for grain . . . . .	745	457	596	513	617	580	234
acres . . . . .	154,739	120,976	141,468	154,939	131,673	113,051	23,946
bushels . . . . .	23,681,414	15,687,393	25,424,296	25,304,491	20,578,381	19,255,462	3,153,356
Corn for silage or greenchop . . . . .	83	69	54	35	123	128	35
acres . . . . .	3,693	2,544	1,132	739	4,535	4,589	972
tons . . . . .	53,513	39,510	21,346	11,500	83,791	88,345	13,398
Wheat for grain, All . . . . .	2	1	3	2	-	2	5
acres . . . . .	(D)	(D)	(D)	(D)	-	(D)	270
bushels . . . . .	(D)	(D)	(D)	(D)	-	(D)	14,804
Winter wheat for grain . . . . .	2	1	3	2	-	2	5
acres . . . . .	(D)	(D)	(D)	(D)	-	(D)	270
bushels . . . . .	(D)	(D)	(D)	(D)	-	(D)	14,804
Spring wheat for grain . . . . .	-	-	-	-	-	-	-
acres . . . . .	-	-	-	-	-	-	-
bushels . . . . .	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms	691	1,601	1,219	927	938	1,007	788
Land in farms	311,695	432,724	387,596	445,913	309,157	290,887	277,928
Average size of farm	451	270	318	481	330	289	353
Median size of farm	303	180	200	240	115	161	193
Estimated market value of land and buildings <sup>1</sup> :							
Average per farm	1,010,030	528,238	708,713	890,588	874,630	321,559	357,162
Average per acre	2,252	1,903	2,309	1,903	2,537	1,136	945
Estimated market value of all machinery and equipment <sup>1</sup> :							
Average per farm	120,950	91,835	97,349	120,858	83,227	44,614	83,147
Farms by size:							
1 to 9 acres	36	63	82	50	74	15	9
10 to 49 acres	105	214	229	174	277	161	131
50 to 179 acres	136	541	297	189	219	376	256
180 to 499 acres	185	539	356	241	172	310	248
500 to 999 acres	142	191	181	155	107	97	85
1,000 acres or more	87	53	74	118	89	48	59
Total cropland	650	1,469	1,133	870	866	942	727
Harvested cropland	284,540	314,957	345,223	394,932	270,200	204,480	172,074
Irrigated land	5	6	8	2	22	10	4
Market value of agricultural products sold (see text)	157,068	159,948	138,303	157,164	92,497	49,638	41,980
Average per farm	227,306	99,905	113,456	169,540	98,610	49,293	53,275
Crops	63,760	53,678	88,357	89,918	64,628	20,540	14,418
Livestock, poultry, and their products	93,308	106,270	49,946	67,246	27,869	29,098	27,563
Farms by value of sales:							
Less than \$2,500	135	556	317	181	294	333	296
\$2,500 to \$4,999	18	50	55	32	60	61	56
\$5,000 to \$9,999	31	80	52	46	78	122	84
\$10,000 to \$24,999	45	145	109	104	114	158	128
\$25,000 to \$49,999	84	136	133	88	87	139	76
\$50,000 to \$99,999	113	176	171	131	95	81	61
\$100,000 or more	265	458	382	345	210	113	87
Government payments	503	1,160	843	613	578	630	542
Total income from farm-related sources, gross before taxes and expenses (see text)	4,485	10,384	8,617	5,943	4,613	4,952	4,078
Total farm production expenses <sup>1</sup>	361	771	496	475	354	321	270
Net cash farm income of operation (see text) <sup>1</sup>	2,842	6,239	4,735	4,008	2,984	2,045	1,589
Total farm production expenses <sup>1</sup>	129,245	137,918	118,840	129,361	81,089	47,101	42,556
Average per farm	187,041	85,823	97,410	140,001	86,357	46,774	53,937
Net cash farm income of operation (see text) <sup>1</sup>	691	1,607	1,220	924	939	1,007	789
Average per farm	34,410	42,154	28,831	36,606	20,212	10,599	9,663
Principal operator by primary occupation:							
Farming	557	1,111	818	684	508	588	427
Other	134	490	401	243	430	419	361
Principal operator by days worked off farm:							
Any	313	809	693	485	564	652	485
200 days or more	183	565	484	339	384	446	368
Livestock and poultry:							
Cattle and calves inventory	152	766	472	440	209	555	421
Beef cows	18,738	81,839	52,601	52,627	16,164	47,894	48,838
Milk cows	118	430	297	358	167	449	381
Cattle and calves sold	(D)	17,355	11,582	17,433	(D)	22,907	24,852
Hogs and pigs inventory	2	293	30	7	3	86	21
Hogs and pigs sold	(D)	18,671	2,815	253	(D)	2,149	528
Sheep and lambs inventory	142	699	439	436	183	501	378
Layers 20 weeks old and older inventory	16,461	43,455	41,708	45,516	16,365	26,470	28,999
Broilers and other meat-type chickens sold	94	180	128	132	42	52	27
Wheat for grain, All	194,532	182,393	69,554	165,304	45,755	47,042	36,344
Winter wheat for grain	103	198	126	142	52	55	23
Spring wheat for grain	692,565	484,848	154,145	426,468	119,434	135,963	96,714
Selected crops harvested:							
Corn for grain	31	42	42	27	55	72	25
Corn for silage or greenchop	4,459	2,841	2,160	1,678	1,277	5,512	937
Wheat for grain, All	13	33	35	19	36	66	20
Winter wheat for grain	(D)	407,381	1,748	(D)	287,668	1,505	613
Spring wheat for grain	4	10	14	9	10	15	2
Selected crops harvested:	1,040	68,809	2,060	1,433	1,440	2,657	(D)
Corn for grain	480	827	772	591	484	307	186
acres	133,323	130,871	169,070	177,115	123,219	39,467	26,741
bushels	19,111,070	21,476,036	29,053,084	26,830,444	18,245,964	5,043,653	3,464,824
Corn for silage or greenchop	61	283	110	86	33	58	26
acres	2,908	8,431	4,285	2,677	1,263	2,183	1,342
tons	54,925	155,320	92,014	59,170	26,690	41,163	11,583
Wheat for grain, All	-	6	6	-	-	14	6
acres	-	93	67	-	-	424	225
bushels	-	5,966	4,089	-	-	20,218	11,815
Winter wheat for grain	-	6	6	-	-	14	6
acres	-	93	67	-	-	424	225
bushels	-	5,966	4,089	-	-	20,218	11,815
Spring wheat for grain	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
bushels	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms	1,253	674	492	1,481	510	1,344	895	825
Land in farms	345,238	181,197	203,174	315,895	235,407	414,853	291,282	337,336
Average size of farm	276	269	413	213	462	309	325	409
Median size of farm	195	148	244	160	350	180	167	236
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm	676,998	581,231	787,747	478,042	872,403	626,654	769,694	910,618
Average per acre	2,375	2,216	1,936	2,134	1,906	2,160	2,278	2,154
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm	115,184	88,925	114,663	88,728	117,558	116,543	112,522	115,608
Farms by size:								
1 to 9 acres	65	30	18	53	28	100	57	49
10 to 49 acres	171	164	88	242	74	255	181	140
50 to 179 acres	379	192	115	551	90	338	235	184
180 to 499 acres	451	178	119	509	130	388	223	209
500 to 999 acres	133	81	98	103	119	177	127	144
1,000 acres or more	54	29	54	23	69	86	72	99
Total cropland	1,187	632	463	1,375	474	1,274	842	779
Harvested cropland	300,129	152,463	187,683	241,829	218,608	358,251	267,775	313,287
Irrigated land	1	21	9	6	4	6	11	7
Market value of agricultural products sold (see text)	190,284	47,499	76,409	151,969	106,817	180,832	116,318	159,964
Crops	62,961	37,259	42,919	34,562	52,725	79,952	71,037	82,721
Livestock, poultry, and their products	127,323	10,240	33,489	117,407	54,093	100,879	45,281	77,243
Farms by value of sales:								
Less than \$2,500	222	190	108	355	98	364	261	155
\$2,500 to \$4,999	37	34	14	44	20	33	23	21
\$5,000 to \$9,999	43	42	18	82	15	54	38	28
\$10,000 to \$24,999	86	88	48	172	37	104	72	66
\$25,000 to \$49,999	127	85	51	201	45	139	84	97
\$50,000 to \$99,999	208	98	61	179	82	199	123	113
\$100,000 or more	530	137	192	448	213	451	294	345
Government payments	919	478	361	973	365	1,007	682	599
Total income from farm-related sources, gross before taxes and expenses (see text)	4,683	1,843	2,586	4,860	1,396	5,631	3,623	4,450
Total farm production expenses <sup>1</sup>	168,230	42,782	56,034	122,659	83,061	156,072	101,641	143,850
Net cash farm income of operation (see text) <sup>1</sup>	40,641	8,031	27,500	42,178	28,104	36,385	24,700	28,419
Principal operator by primary occupation:								
Farming	948	381	358	1,054	368	916	618	623
Other	305	293	134	427	142	428	277	202
Principal operator by days worked off farm:								
Any	668	376	287	760	283	713	487	418
200 days or more	453	263	186	556	166	529	343	267
Livestock and poultry:								
Cattle and calves inventory	584	193	118	840	133	487	209	170
Beef cows	75,243	10,202	25,108	103,537	20,933	54,698	17,099	16,629
Milk cows	215	146	86	397	98	236	118	129
Cattle and calves sold	7,437	4,141	3,607	14,492	4,176	8,948	3,397	3,932
Hogs and pigs inventory	227	16	8	278	4	147	23	8
Hogs and pigs sold	15,004	494	190	20,844	5	10,853	1,018	262
Sheep and lambs inventory	561	144	99	787	122	461	203	156
Layers 20 weeks old and older inventory	62,327	4,532	30,636	69,726	20,916	35,052	14,097	15,673
Broilers and other meat-type chickens sold	303	33	35	201	62	185	83	121
Sheep and lambs sold	294,519	26,201	34,735	173,844	154,788	241,077	149,028	332,987
Layers 20 weeks old and older sold	329	35	48	227	67	204	98	136
Broilers and other meat-type chickens sold	657,774	86,172	78,195	344,235	412,980	587,887	432,514	768,852
Layers 20 weeks old and older sold	37	24	17	40	19	52	21	26
Broilers and other meat-type chickens sold	1,102	453	4,243	898	896	5,481	527	1,594
Selected crops harvested:								
Corn for grain	880	403	326	923	350	827	551	582
Corn for silage or greenchop	154,494	69,285	86,181	102,842	108,824	165,064	127,087	157,137
Wheat for grain, All	26,848,909	10,938,520	12,036,484	17,335,039	16,662,494	27,870,975	20,946,610	26,169,958
Winter wheat for grain	273	29	37	295	46	199	68	38
Spring wheat for grain	7,802	518	3,349	8,261	1,264	6,833	2,231	1,632
Wheat for grain, All	153,485	9,529	54,299	151,242	18,109	138,420	38,502	36,376
Wheat for grain, All	5	11	-	6	-	2	3	2
Winter wheat for grain	103	205	-	287	-	(D)	14	(D)
Spring wheat for grain	5,646	7,848	-	16,943	-	(D)	(D)	(D)
Wheat for grain, All	5	11	-	6	-	2	3	-
Winter wheat for grain	103	205	-	287	-	(D)	14	-
Spring wheat for grain	5,646	7,848	-	16,943	-	(D)	(D)	-
Wheat for grain, All	-	-	-	-	-	-	-	2
Winter wheat for grain	-	-	-	-	-	-	-	(D)
Spring wheat for grain	-	-	-	-	-	-	-	(D)

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms . . . . .	547	727	724	885	797	827	829	828
Land in farms . . . . .	318,306	347,078	324,139	323,738	348,216	322,322	327,725	428,235
Average size of farm . . . . .	582	477	448	366	437	390	395	517
Median size of farm . . . . .	260	300	271	176	236	240	230	250
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm . . . . .	920,640	1,053,534	1,161,631	627,640	1,013,638	756,135	1,033,567	881,870
Average per acre . . . . .	1,610	2,093	2,576	1,813	2,324	2,095	2,463	1,692
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm . . . . .	112,553	132,408	151,066	87,331	163,962	111,500	129,699	104,822
Farms by size:								
1 to 9 acres . . . . .	10	37	83	21	61	60	64	34
10 to 49 acres . . . . .	73	126	104	178	163	138	162	137
50 to 179 acres . . . . .	138	137	134	260	149	167	162	184
180 to 499 acres . . . . .	129	179	194	240	182	232	203	208
500 to 999 acres . . . . .	82	124	132	100	144	146	148	124
1,000 acres or more . . . . .	115	124	77	86	98	84	90	141
Total cropland . . . . .	523	688	662	818	740	792	775	774
Harvested cropland . . . . .	280,347	317,198	305,643	261,377	326,719	308,573	298,014	367,561
Irrigated land . . . . .	8	(D)	4	4	7	6	7	62
Average per farm . . . . .	1,181	(D)	7	(D)	184	649	10	25,567
Market value of agricultural products sold (see text) . . . . .	62,471	120,067	140,343	111,183	234,900	141,590	251,970	111,191
Average per farm . . . . .	114,207	165,154	193,844	125,631	294,730	171,209	303,944	134,289
Crops . . . . .	49,727	78,470	92,431	51,826	87,729	80,160	81,102	84,811
Livestock, poultry, and their products . . . . .	12,744	41,597	47,912	59,357	147,171	61,429	170,868	26,380
Farms by value of sales:								
Less than \$2,500 . . . . .	127	137	128	281	177	149	174	217
\$2,500 to \$4,999 . . . . .	14	19	23	47	29	22	38	32
\$5,000 to \$9,999 . . . . .	36	34	33	56	12	24	32	35
\$10,000 to \$24,999 . . . . .	55	64	37	113	61	68	72	90
\$25,000 to \$49,999 . . . . .	62	57	82	88	91	108	81	71
\$50,000 to \$99,999 . . . . .	73	105	106	109	101	109	114	118
\$100,000 or more . . . . .	180	311	315	191	326	347	318	265
Government payments . . . . .	402	486	501	638	606	610	595	573
Average per farm . . . . .	4,287	5,343	5,451	5,501	4,837	5,067	5,438	6,244
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . .	213	399	389	409	433	463	468	343
Average per farm . . . . .	3,296	3,087	4,577	2,984	4,495	4,118	5,107	3,986
Total farm production expenses <sup>1</sup> . . . . .	52,535	97,106	120,939	105,730	206,233	112,984	209,300	88,572
Average per farm . . . . .	96,394	133,205	165,670	119,334	259,412	136,619	251,261	106,842
Net cash farm income of operation (see text) <sup>1</sup> . . . . .	545	729	730	886	795	827	833	829
Average per farm . . . . .	15,074	25,795	31,273	11,173	39,659	32,265	56,844	33,384
Average per farm . . . . .	27,659	35,384	42,840	12,611	49,886	39,015	68,240	40,270
Principal operator by primary occupation:								
Farming . . . . .	430	524	539	578	602	654	576	569
Other . . . . .	117	203	185	307	195	173	253	259
Principal operator by days worked off farm:								
Any . . . . .	248	379	386	483	428	430	485	432
200 days or more . . . . .	155	244	212	353	291	256	328	301
Livestock and poultry:								
Cattle and calves inventory . . . . .	171	197	184	390	95	147	213	284
Beef cows . . . . .	18,835	18,742	16,461	36,137	5,593	9,669	19,839	33,874
Milk cows . . . . .	148	171	112	368	61	99	162	240
Cattle and calves sold . . . . .	6,070	(D)	3,557	15,434	(D)	2,331	(D)	12,001
Hogs and pigs inventory . . . . .	4	2	8	6	6	5	4	5
Hogs and pigs sold . . . . .	168	(D)	630	1,417	(D)	296	(D)	23
Sheep and lambs inventory . . . . .	156	186	168	337	81	131	185	237
Layers 20 weeks old and older inventory . . . . .	14,778	24,715	21,386	34,614	5,701	8,819	18,577	22,450
Broilers and other meat-type chickens sold . . . . .	18	70	110	59	107	103	137	39
Hogs and pigs sold . . . . .	(D)	107,494	158,378	70,548	467,250	200,651	887,938	42,545
Sheep and lambs sold . . . . .	20	86	135	65	120	120	152	35
Layers 20 weeks old and older inventory . . . . .	(D)	265,257	374,104	196,539	1,270,158	592,582	1,693,130	159,984
Broilers and other meat-type chickens sold . . . . .	15	29	31	27	30	33	28	12
Layers 20 weeks old and older inventory . . . . .	729	1,194	2,190	1,059	890	2,339	1,167	865
Broilers and other meat-type chickens sold . . . . .	3	4	14	20	14	15	13	28
Broilers and other meat-type chickens sold . . . . .	223	(D)	398	(D)	(D)	(D)	(D)	763
Broilers and other meat-type chickens sold . . . . .	1	2	7	7	4	5	5	7
Broilers and other meat-type chickens sold . . . . .	(D)	(D)	1,275	1,700	(D)	1,050	935	(D)
Selected crops harvested:								
Corn for grain . . . . .	355	491	511	454	519	596	561	510
Acres . . . . .	121,196	152,611	149,650	106,286	164,589	156,396	154,606	168,935
Bushels . . . . .	10,974,422	24,494,004	26,488,718	15,443,762	28,970,872	25,580,319	26,767,933	24,459,493
Corn for silage or greenchop . . . . .	17	21	32	47	11	44	35	49
Acres . . . . .	852	443	1,351	1,329	754	932	818	1,901
Tons . . . . .	9,233	7,100	43,200	21,476	21,482	17,466	14,061	39,261
Wheat for grain, All . . . . .	3	4	-	1	-	-	-	7
Acres . . . . .	196	325	-	(D)	-	-	-	329
Bushels . . . . .	11,420	15,000	-	(D)	-	-	-	12,408
Winter wheat for grain . . . . .	3	3	-	1	-	-	-	7
Acres . . . . .	196	(D)	-	(D)	-	-	-	329
Bushels . . . . .	11,420	(D)	-	(D)	-	-	-	12,408
Spring wheat for grain . . . . .	-	1	-	-	-	-	-	-
Acres . . . . .	-	(D)	-	-	-	-	-	-
Bushels . . . . .	-	(D)	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Farms	857	891	606	618	1,024	1,336	1,212	808
Land in farms	251,257	269,400	270,868	265,986	340,163	348,814	410,347	233,238
Average size of farm	293	302	447	430	332	261	339	289
Median size of farm	150	160	280	240	170	174	173	157
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm	575,938	589,597	1,041,524	915,772	548,590	425,523	693,496	425,473
Average per acre	2,019	1,992	2,487	2,059	1,706	1,849	2,040	1,492
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm	82,950	99,933	118,522	102,219	99,784	66,794	97,775	70,786
Farms by size:								
1 to 9 acres	39	38	46	39	49	53	70	28
10 to 49 acres	192	189	71	125	169	222	266	140
50 to 179 acres	271	275	119	123	325	430	299	283
180 to 499 acres	213	231	187	162	297	438	285	211
500 to 999 acres	97	106	104	94	122	147	188	95
1,000 acres or more	45	52	79	75	62	46	104	51
Total cropland	787	837	578	560	963	1,220	1,107	755
Harvested cropland	198,415	236,615	253,275	240,394	277,436	237,680	354,676	177,246
Irrigated land	6	2	4	-	7	8	14	3
Market value of agricultural products sold (see text)	78,602	105,236	96,637	111,381	132,994	106,895	148,941	48,558
Average per farm	91,717	118,110	159,466	180,229	129,877	80,011	122,889	60,096
Crops	39,721	54,703	65,807	58,904	89,094	33,269	88,644	26,516
Livestock, poultry, and their products	38,881	50,533	30,829	52,477	43,900	73,626	60,298	22,041
Farms by value of sales:								
Less than \$2,500	315	276	90	135	353	389	287	305
\$2,500 to \$4,999	50	26	13	15	32	75	75	59
\$5,000 to \$9,999	46	28	14	16	65	90	60	59
\$10,000 to \$24,999	92	90	48	56	101	195	136	121
\$25,000 to \$49,999	80	106	90	62	108	154	150	67
\$50,000 to \$99,999	90	128	103	87	105	157	128	70
\$100,000 or more	184	237	248	247	260	276	376	127
Government payments	606	706	451	419	743	896	802	605
Total income from farm-related sources, gross before taxes and expenses (see text)	285	437	370	231	485	564	518	252
Total farm production expenses <sup>1</sup>	66,600	88,428	69,242	83,959	89,335	102,729	115,890	48,424
Net cash farm income of operation (see text) <sup>1</sup>	18,666	22,604	28,738	31,045	49,386	16,848	46,498	8,392
Principal operator by primary occupation:								
Farming	503	608	469	457	677	829	833	493
Other	354	283	137	161	347	507	379	315
Principal operator by days worked off farm:								
Any	482	425	328	314	556	783	645	485
200 days or more	362	297	184	195	412	568	464	330
Livestock and poultry:								
Cattle and calves inventory	286	318	93	230	388	752	443	286
Beef cows	19,480	31,766	11,677	33,295	44,095	92,027	39,276	20,616
Milk cows	226	152	62	170	302	567	355	254
Cattle and calves sold	(D)	5,807	(D)	(D)	16,110	26,674	14,068	(D)
Hogs and pigs inventory	8	64	2	9	17	91	13	9
Hogs and pigs sold	(D)	3,241	(D)	(D)	783	5,797	686	(D)
Sheep and lambs inventory	246	278	85	217	337	714	441	257
Layers 20 weeks old and older inventory	13,359	20,897	11,684	30,394	29,785	64,891	30,111	11,584
Broilers and other meat-type chickens sold	83	102	49	92	102	116	150	65
Sheep and lambs sold	89,088	136,774	96,333	143,648	101,104	66,605	145,643	57,933
Layers 20 weeks old and older sold	91	116	57	96	114	124	166	77
Broilers and other meat-type chickens sold	215,453	317,073	393,986	309,968	265,707	148,421	491,699	183,270
Layers 20 weeks old and older sold	30	30	13	26	53	40	81	33
Broilers and other meat-type chickens sold	2,656	2,126	626	2,369	4,072	2,126	5,061	13,687
Layers 20 weeks old and older sold	15	28	7	14	24	31	22	21
Broilers and other meat-type chickens sold	387	805	(D)	402	1,095	(D)	(D)	778
Broilers and other meat-type chickens sold	4	15	6	5	8	5	13	5
Broilers and other meat-type chickens sold	(D)	63,523	1,415	761	2,580	(D)	3,266	686
Selected crops harvested:								
Corn for grain	397	522	474	374	524	637	699	323
Corn for silage or greenchop	82,023	100,485	127,427	109,191	108,584	81,651	156,944	59,126
Wheat for grain, All	12,463,689	16,176,415	21,093,167	17,456,983	18,150,124	13,250,407	27,215,102	7,668,133
Wheat for grain, All	37	103	29	52	65	127	49	38
Winter wheat for grain	1,257	3,092	1,405	2,585	1,705	3,859	843	1,312
Spring wheat for grain	19,473	56,719	25,848	48,383	26,680	65,469	14,189	29,724
Wheat for grain, All	7	1	-	-	5	1	-	38
Winter wheat for grain	114	(D)	-	-	60	(D)	-	2,732
Spring wheat for grain	5,800	(D)	-	-	2,690	(D)	-	131,859
Wheat for grain, All	7	1	-	-	5	1	-	38
Winter wheat for grain	114	(D)	-	-	60	(D)	-	2,732
Spring wheat for grain	5,800	(D)	-	-	2,690	(D)	-	131,859
Wheat for grain, All	-	-	-	-	-	-	-	-
Winter wheat for grain	-	-	-	-	-	-	-	-
Spring wheat for grain	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms	1,261	1,024	1,093	1,340	945	1,445	601	747
Land in farms	300,882	311,640	343,858	591,814	270,342	348,782	200,954	222,234
Average size of farm	239	304	315	442	286	241	334	298
Median size of farm	125	210	160	320	155	116	200	168
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm	546,917	668,794	541,271	1,026,962	478,396	641,286	688,491	331,099
Average per acre	2,377	2,202	1,519	2,338	1,778	2,577	2,150	1,093
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm	72,228	96,787	105,400	129,429	72,127	80,812	97,746	40,668
Farms by size:								
1 to 9 acres	48	51	39	92	36	86	28	9
10 to 49 acres	292	167	212	160	192	384	101	135
50 to 179 acres	449	280	334	269	308	473	158	254
180 to 499 acres	304	320	279	380	238	310	183	229
500 to 999 acres	127	153	159	296	116	124	83	83
1,000 acres or more	41	53	70	143	55	68	48	37
Total cropland	1,203	973	1,027	1,278	884	1,369	576	702
Harvested cropland	257,747	258,665	279,904	559,739	201,675	291,743	169,245	134,167
Irrigated land	933	766	681	1,100	645	1,092	431	480
Market value of agricultural products sold (see text)	220,101	224,933	211,257	543,736	170,119	262,452	148,070	72,176
Average per farm	12	(D)	5	4	12	15	36	1
Average per acre	292	(D)	157	373	699	253	5,961	(D)
Market value of agricultural products sold (see text)	104,626	119,470	98,841	261,017	65,581	105,355	70,322	26,840
Average per farm	82,971	116,670	90,431	194,789	69,398	72,910	117,008	35,930
Crops	56,728	57,708	50,478	145,372	38,106	73,348	42,852	11,125
Livestock, poultry, and their products	47,898	61,763	48,363	115,645	27,474	32,007	27,470	15,715
Farms by value of sales:								
Less than \$2,500	356	263	401	195	342	428	188	307
\$2,500 to \$4,999	68	45	39	10	72	98	27	51
\$5,000 to \$9,999	72	42	69	36	81	97	30	76
\$10,000 to \$24,999	142	107	114	97	112	206	36	107
\$25,000 to \$49,999	157	114	92	189	69	192	65	73
\$50,000 to \$99,999	191	122	108	212	104	151	80	82
\$100,000 or more	275	331	270	601	165	273	175	51
Government payments	773	716	839	1,038	624	871	456	495
Total income from farm-related sources, gross before taxes and expenses (see text)	6,135	6,650	8,559	10,247	4,961	6,016	4,547	3,644
Total farm production expenses <sup>1</sup>	466	450	348	810	276	619	219	233
Average per farm	3,608	3,868	2,799	6,391	1,840	4,177	2,190	1,371
Net cash farm income of operation (see text) <sup>1</sup>	95,963	95,639	87,741	232,554	55,007	90,906	59,286	28,649
Average per farm	76,161	93,125	80,276	172,774	58,086	62,954	97,831	38,352
Principal operator by primary occupation:								
Farming	1,260	1,027	1,093	1,346	947	1,444	606	747
Other	17,385	34,840	25,528	50,015	13,220	19,100	18,986	5,696
Average per farm	13,797	33,924	23,356	37,158	13,960	13,227	31,331	7,625
Principal operator by days worked off farm:								
Any	833	712	756	1,016	570	890	390	406
200 days or more	428	312	337	324	375	555	211	341
Livestock and poultry:								
Cattle and calves inventory	457	455	368	271	359	504	149	374
Beef cows	34,437	57,416	29,863	31,462	22,302	33,007	9,824	37,489
Milk cows	309	299	312	145	280	394	125	344
Cattle and calves sold	10,966	13,394	13,231	5,801	8,989	9,800	(D)	19,312
Hogs and pigs inventory	87	44	4	13	14	28	4	15
Hogs and pigs sold	2,758	2,724	314	632	900	1,664	(D)	85
Sheep and lambs inventory	433	415	335	261	319	426	129	343
Layers 20 weeks old and older inventory	22,104	48,115	19,322	31,433	14,198	23,841	6,224	20,182
Broilers and other meat-type chickens sold	174	122	142	193	83	85	65	30
Sheep and lambs sold	136,034	97,419	159,048	423,442	84,080	65,673	103,787	10,358
Layers 20 weeks old and older sold	189	133	152	212	94	96	77	33
Broilers and other meat-type chickens sold	253,619	239,410	444,629	991,508	186,090	144,113	340,079	40,490
Layers 20 weeks old and older sold	107	41	53	37	55	67	30	29
Broilers and other meat-type chickens sold	5,214	2,177	3,656	2,055	3,043	3,462	999	1,713
Broilers and other meat-type chickens sold	62	22	12	16	22	39	12	23
Broilers and other meat-type chickens sold	226,535	1,218	454	2,787	633	1,218	217	484
Broilers and other meat-type chickens sold	10	6	5	5	5	17	2	1
Broilers and other meat-type chickens sold	31,322	7,700	724	310	637	2,462	(D)	(D)
Selected crops harvested:								
Corn for grain	691	631	533	1,025	434	749	346	214
Corn for silage or greenchop	103,550	121,856	101,240	287,388	79,091	128,667	76,758	21,227
Wheat for grain, All	17,361,916	20,750,196	15,699,259	45,744,226	10,449,531	22,105,061	11,945,599	2,964,925
Winter wheat for grain	113	108	54	87	57	93	22	33
Spring wheat for grain	2,068	2,909	1,680	2,965	1,678	2,308	606	1,033
Wheat for grain, All	54,377	69,804	35,200	59,387	33,430	43,714	15,191	13,013
Wheat for grain, All	8	2	11	3	57	2	12	-
Winter wheat for grain	918	(D)	555	(D)	1,198	(D)	356	-
Spring wheat for grain	69,308	(D)	28,795	(D)	66,018	(D)	15,250	-
Wheat for grain, All	8	2	11	3	57	2	11	-
Winter wheat for grain	918	(D)	555	(D)	1,198	(D)	(D)	-
Spring wheat for grain	69,308	(D)	28,795	(D)	66,018	(D)	(D)	-
Wheat for grain, All	-	-	-	-	-	-	1	-
Winter wheat for grain	-	-	-	-	-	-	(D)	-
Spring wheat for grain	-	-	-	-	-	-	(D)	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Farms . . . . .	1,045	990	1,043	1,051	848	462	828	625
Land in farms . . . . .	341,534	304,333	328,579	276,782	335,043	247,254	289,259	392,430
Average size of farm . . . . .	327	307	315	263	395	535	349	628
Median size of farm . . . . .	240	146	190	124	188	370	209	351
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm . . . . .	742,370	520,520	675,409	399,258	870,878	965,971	767,313	1,106,554
Average per acre . . . . .	2,356	1,757	1,852	1,491	2,009	1,803	2,222	1,792
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm . . . . .	91,649	63,505	92,229	50,739	137,296	100,195	120,240	115,976
Farms by size:								
1 to 9 acres . . . . .	69	19	35	34	42	16	53	15
10 to 49 acres . . . . .	148	212	172	258	212	73	136	67
50 to 179 acres . . . . .	241	354	308	385	174	76	209	135
180 to 499 acres . . . . .	358	232	314	212	190	116	218	163
500 to 999 acres . . . . .	173	110	155	101	116	94	159	123
1,000 acres or more . . . . .	56	63	59	61	114	87	53	122
Total cropland . . . . .	933	931	988	981	803	445	780	583
Harvested cropland . . . . .	304,913	210,080	278,134	214,360	302,281	220,178	263,009	334,926
Irrigated land . . . . .	8	5	5	5	4	8	15	105
Market value of agricultural products sold (see text) . . . . .	247,896	70,502	132,748	68,462	132,095	48,118	154,588	105,085
Average per farm . . . . .	237,221	71,215	127,275	65,140	155,772	104,151	186,700	168,136
Crops . . . . .	67,239	33,327	55,802	46,133	85,597	42,609	62,431	70,875
Livestock, poultry, and their products . . . . .	180,657	37,175	76,946	22,329	46,498	5,508	92,156	34,210
Farms by value of sales:								
Less than \$2,500 . . . . .	77	332	316	419	216	92	176	97
\$2,500 to \$4,999 . . . . .	28	71	46	73	43	20	19	24
\$5,000 to \$9,999 . . . . .	41	84	55	74	47	20	28	29
\$10,000 to \$24,999 . . . . .	102	154	113	134	79	48	77	57
\$25,000 to \$49,999 . . . . .	110	108	79	77	73	46	82	74
\$50,000 to \$99,999 . . . . .	182	107	138	104	98	79	86	100
\$100,000 or more . . . . .	505	134	296	170	292	157	360	244
Government payments . . . . .	691	586	783	699	592	323	583	454
Total income from farm-related sources, gross before taxes and expenses (see text) . . . . .	4,860	3,564	6,330	4,733	5,757	3,585	4,379	4,401
Total farm production expenses <sup>1</sup> . . . . .	216,155	58,822	118,036	48,837	116,312	34,424	134,950	83,961
Net cash farm income of operation (see text) <sup>1</sup> . . . . .	47,605	16,639	28,186	29,541	28,327	20,734	29,848	27,693
Principal operator by primary occupation:								
Farming . . . . .	800	570	721	629	576	313	589	500
Other . . . . .	245	420	322	422	272	149	239	125
Principal operator by days worked off farm:								
Any . . . . .	580	612	542	604	399	222	432	297
200 days or more . . . . .	361	449	394	423	269	157	276	169
Livestock and poultry:								
Cattle and calves inventory . . . . .	480	478	358	374	212	135	274	205
Beef cows . . . . .	88,926	40,455	39,209	26,605	19,576	10,217	44,408	29,606
Milk cows . . . . .	254	442	258	315	168	114	94	162
Cattle and calves sold . . . . .	10,365	20,926	9,695	11,975	(D)	4,280	3,402	8,212
Hogs and pigs inventory . . . . .	44	3	9	15	3	-	65	6
Hogs and pigs sold . . . . .	5,384	13	615	644	(D)	-	2,391	209
Sheep and lambs inventory . . . . .	461	425	333	336	200	123	252	197
Layers 20 weeks old and older inventory . . . . .	94,331	22,946	39,284	14,825	16,334	7,230	53,634	33,857
Broilers and other meat-type chickens sold . . . . .	290	41	156	58	72	24	169	41
Sheep and lambs sold . . . . .	428,010	30,581	207,651	48,789	132,689	6,013	238,770	34,850
Layers 20 weeks old and older inventory . . . . .	320	47	170	63	84	24	178	41
Broilers and other meat-type chickens sold . . . . .	1,405,771	109,760	534,038	142,687	412,195	8,581	587,440	88,670
Layers 20 weeks old and older inventory . . . . .	48	49	44	52	59	13	34	20
Broilers and other meat-type chickens sold . . . . .	4,452	2,471	2,595	3,181	3,135	450	1,395	1,050
Layers 20 weeks old and older inventory . . . . .	21	25	17	35	7	7	42	5
Broilers and other meat-type chickens sold . . . . .	(D)	(D)	(D)	908	251	180	(D)	243
Broilers and other meat-type chickens sold . . . . .	9	1	-	7	3	1	15	4
Broilers and other meat-type chickens sold . . . . .	(D)	(D)	-	1,021	500	(D)	112,854	765
Selected crops harvested:								
Corn for grain . . . . .	766	411	595	443	512	312	562	439
Corn for silage or greenchop . . . . .	137,862	61,365	116,121	76,831	138,383	101,144	128,290	157,918
Wheat for grain, All . . . . .	20,460,665	9,157,276	18,748,492	11,987,606	24,268,989	11,020,630	21,847,644	21,644,517
Wheat for grain, All . . . . .	215	41	70	29	36	13	125	59
Winter wheat for grain . . . . .	10,003	1,838	1,794	776	1,603	302	4,749	1,953
Spring wheat for grain . . . . .	193,894	40,788	35,615	12,302	42,430	2,680	80,326	33,123
Wheat for grain, All . . . . .	2	1	2	1	-	6	-	3
Winter wheat for grain . . . . .	(D)	(D)	(D)	(D)	-	266	-	58
Spring wheat for grain . . . . .	(D)	(D)	(D)	(D)	-	13,843	-	2,620
Wheat for grain, All . . . . .	2	1	2	1	-	6	-	3
Winter wheat for grain . . . . .	(D)	(D)	(D)	(D)	-	266	-	58
Spring wheat for grain . . . . .	(D)	(D)	(D)	(D)	-	13,843	-	2,620
Wheat for grain, All . . . . .	-	-	-	-	-	-	-	-
Winter wheat for grain . . . . .	-	-	-	-	-	-	-	-
Spring wheat for grain . . . . .	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Farms	714	583	816	993	636	873	783	1,339
Land in farms	252,743	242,588	229,950	362,365	257,044	339,086	326,884	531,053
Average size of farm	354	416	282	365	404	388	417	397
Median size of farm	190	229	148	274	300	210	240	268
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm	345,299	565,380	633,878	949,993	975,939	509,083	844,947	904,120
Average per acre	1,008	1,420	2,283	2,545	2,475	1,256	2,356	2,267
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm	71,219	84,549	87,967	117,677	99,245	73,068	114,313	100,211
Farms by size:								
1 to 9 acres	7	14	30	75	39	24	38	65
10 to 49 acres	109	102	198	110	90	130	149	165
50 to 179 acres	237	158	250	218	130	245	159	302
180 to 499 acres	216	138	183	328	182	221	198	440
500 to 999 acres	95	103	102	198	137	163	143	262
1,000 acres or more	50	68	53	64	58	90	96	105
Total cropland	680	553	753	907	599	831	739	1,263
Harvested cropland	165,220	205,128	197,018	332,191	243,048	278,011	307,578	471,510
Irrigated land	4	3	35	6	11	8	19	15
Market value of agricultural products sold (see text)	40,933	82,529	72,148	204,312	162,708	69,151	191,107	278,393
Crops	15,040	49,292	51,050	82,644	57,037	42,768	75,078	106,333
Livestock, poultry, and their products	25,894	33,237	21,098	121,668	105,671	26,383	116,029	172,060
Farms by value of sales:								
Less than \$2,500	217	153	243	91	106	220	165	186
\$2,500 to \$4,999	52	19	49	20	7	33	14	37
\$5,000 to \$9,999	86	42	59	32	14	57	25	57
\$10,000 to \$24,999	115	60	57	77	40	111	65	115
\$25,000 to \$49,999	74	61	104	145	83	116	80	166
\$50,000 to \$99,999	85	76	106	174	107	133	114	194
\$100,000 or more	85	172	198	454	279	203	320	584
Government payments	460	442	568	701	482	645	599	856
Total income from farm-related sources, gross before taxes and expenses (see text)	185	256	315	518	386	340	426	724
Total farm production expenses <sup>1</sup>	38,752	67,898	63,416	168,196	127,132	57,646	162,167	228,299
Net cash farm income of operation (see text) <sup>1</sup>	709	584	814	992	633	875	780	1,338
Principal operator by primary occupation:								
Farming	437	382	526	770	512	551	627	1,028
Other	277	201	290	223	124	322	156	311
Principal operator by days worked off farm:								
Any	399	308	446	532	328	473	350	739
200 days or more	302	223	322	313	167	318	208	478
Livestock and poultry:								
Cattle and calves inventory	392	228	242	269	155	374	170	468
Beef cows	40,567	26,637	18,119	44,591	28,986	36,400	18,015	66,386
Milk cows	352	190	195	162	64	320	105	345
Cattle and calves sold	19,250	8,873	6,735	5,657	3,267	14,806	3,080	16,408
Hogs and pigs inventory	7	4	14	13	15	8	8	24
Hogs and pigs sold	731	262	809	488	3,235	165	343	3,478
Sheep and lambs inventory	356	214	221	247	140	367	174	421
Layers 20 weeks old and older inventory	29,561	25,387	9,987	47,100	33,086	26,538	21,278	59,335
Broilers and other meat-type chickens sold	22	30	74	228	120	72	102	299
Sheep and lambs sold	54,268	18,000	45,460	349,955	248,078	46,567	378,515	570,201
Layers 20 weeks old and older inventory	23	33	86	249	132	85	111	343
Broilers and other meat-type chickens sold	93,524	41,322	123,350	1,115,564	568,598	97,883	1,045,768	1,685,515
Layers 20 weeks old and older inventory	15	19	53	46	14	42	24	77
Broilers and other meat-type chickens sold	764	659	1,415	3,840	1,276	1,815	1,828	9,296
Layers 20 weeks old and older inventory	12	6	23	15	8	13	9	19
Broilers and other meat-type chickens sold	391	(D)	397	463,427	(D)	922	1,631,815	690
Broilers and other meat-type chickens sold	1	-	8	6	4	5	4	5
Broilers and other meat-type chickens sold	(D)	-	642	(D)	267	630	1,106	718
Selected crops harvested:								
Corn for grain	240	348	456	754	458	530	558	962
Corn for silage or greenchop	28,918	84,934	89,231	153,759	111,750	104,557	151,397	212,944
Wheat for grain, All	3,934,668	11,779,449	14,629,638	21,908,442	16,061,707	9,953,798	23,136,174	32,947,663
Wheat for grain, All	35	30	43	90	59	53	49	136
Winter wheat for grain	1,660	1,118	2,102	4,362	4,372	1,950	1,894	6,918
Spring wheat for grain	27,525	14,055	45,674	82,638	90,095	19,545	30,623	135,549
Wheat for grain, All	9	2	11	-	-	10	1	1
Winter wheat for grain	375	(D)	135	-	-	202	(D)	(D)
Spring wheat for grain	17,871	(D)	7,673	-	-	10,750	(D)	(D)
Wheat for grain, All	9	2	11	-	-	10	1	1
Winter wheat for grain	375	(D)	135	-	-	202	(D)	(D)
Spring wheat for grain	17,871	(D)	7,673	-	-	10,750	(D)	(D)
Wheat for grain, All	-	-	-	-	-	-	-	-
Winter wheat for grain	-	-	-	-	-	-	-	-
Spring wheat for grain	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms	730	764	1,255	925	758	791	750	868
Land in farms	354,398	227,069	540,288	344,840	299,426	339,426	228,692	348,104
Average size of farm	485	297	431	373	395	429	305	401
Median size of farm	360	92	237	200	200	280	165	285
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm	1,199,126	747,561	928,528	633,723	458,545	1,180,995	942,443	761,140
Average per acre	2,377	2,156	2,028	1,832	1,015	2,438	3,003	2,044
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm	135,369	124,636	113,421	92,144	54,702	137,699	131,268	157,948
Farms by size:								
1 to 9 acres	35	70	66	35	9	55	42	41
10 to 49 acres	94	246	256	165	101	114	164	97
50 to 179 acres	122	180	269	252	247	153	199	177
180 to 499 acres	202	132	270	231	233	221	199	290
500 to 999 acres	176	69	227	165	88	160	90	192
1,000 acres or more	99	67	167	77	80	88	56	71
Total cropland	710	704	1,185	870	711	742	708	819
Harvested cropland	332,823	204,203	487,579	294,325	215,860	313,245	210,317	322,852
Irrigated land	2	20	27	4	7	13	14	3
Market value of agricultural products sold (see text)	142,119	68,517	163,267	111,061	51,519	183,349	95,715	123,917
Crops	86,978	59,131	106,911	66,793	18,120	81,291	63,660	74,251
Livestock, poultry, and their products	55,141	9,386	56,356	44,268	33,399	102,058	32,056	49,666
Farms by value of sales:								
Less than \$2,500	96	232	294	289	279	91	135	120
\$2,500 to \$4,999	18	74	55	40	32	15	22	18
\$5,000 to \$9,999	14	57	88	48	57	36	50	25
\$10,000 to \$24,999	45	80	128	68	142	79	76	78
\$25,000 to \$49,999	94	76	129	106	70	108	98	108
\$50,000 to \$99,999	105	88	136	109	75	108	132	160
\$100,000 or more	358	157	425	265	103	354	237	359
Government payments	575	408	804	721	565	564	468	623
Total income from farm-related sources, gross before taxes and expenses (see text)	453	313	489	410	281	375	377	426
Total farm production expenses <sup>1</sup>	108,021	52,572	140,653	81,637	45,842	156,063	86,032	104,146
Net cash farm income of operation (see text) <sup>1</sup>	40,303	30,299	38,723	37,052	12,441	38,811	17,492	27,527
Principal operator by primary occupation:								
Farming	592	427	930	641	463	597	517	668
Other	138	337	325	284	295	194	233	200
Principal operator by days worked off farm:								
Any	368	405	613	497	424	434	421	438
200 days or more	188	301	398	359	318	265	291	262
Livestock and poultry:								
Cattle and calves inventory	118	160	477	423	401	212	264	344
Beef cows	60	128	378	356	369	149	184	267
Milk cows	11	5	4	7	18	6	8	5
Cattle and calves sold	1,075	121	(D)	683	180	355	630	104
Hogs and pigs inventory	115	133	423	375	363	201	216	318
Hogs and pigs sold	15,446	6,807	60,880	22,326	24,727	44,099	16,789	28,317
Sheep and lambs inventory	85	41	89	59	40	159	84	129
Layers 20 weeks old and older inventory	163,166	22,439	55,626	47,529	101,710	423,912	104,986	136,368
Broilers and other meat-type chickens sold	99	46	93	65	43	178	88	151
Wheat for grain, All	486,778	49,805	156,991	89,121	220,269	847,776	196,820	523,710
Winter wheat for grain	21	32	53	48	13	49	34	37
Spring wheat for grain	1,192	1,931	2,069	3,501	1,031	5,251	1,302	2,254
Selected crops harvested:								
Corn for grain	599	366	805	509	280	586	519	654
Corn for silage or greenchop	163,952	92,691	218,112	114,815	38,833	145,397	110,564	150,820
Wheat for grain, All	26,974,337	15,404,233	29,352,450	19,498,910	5,016,637	23,217,933	20,298,305	21,596,975
Wheat for grain, All	24	14	88	49	31	55	50	55
Winter wheat for grain	657	487	3,177	1,307	1,193	2,364	1,986	1,573
Spring wheat for grain	12,579	10,675	41,271	22,709	18,634	41,125	56,933	31,331
Wheat for grain, All	1	-	6	2	2	-	2	1
Winter wheat for grain	(D)	-	91	(D)	(D)	-	(D)	(D)
Spring wheat for grain	(D)	-	4,911	(D)	(D)	-	(D)	(D)
Wheat for grain, All	1	-	6	2	2	-	2	1
Winter wheat for grain	(D)	-	91	(D)	(D)	-	(D)	(D)
Spring wheat for grain	(D)	-	4,911	(D)	(D)	-	(D)	(D)
Wheat for grain, All	-	-	-	-	-	-	-	-
Winter wheat for grain	-	-	-	-	-	-	-	-
Spring wheat for grain	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Farms	1,673	977	1,159	794	698	870	845	1,338
Land in farms	505,175	359,604	417,917	308,340	238,034	253,255	206,138	299,216
Average size of farm	302	368	361	388	341	291	244	224
Median size of farm	200	160	206	200	160	160	130	102
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm	776,515	950,209	826,772	495,960	450,018	349,272	390,388	351,293
Average per acre	2,655	2,342	2,253	1,226	1,309	1,220	1,540	1,468
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm	109,603	121,033	112,228	56,804	85,551	72,611	44,919	50,364
Farms by size:								
1 to 9 acres	189	87	45	16	24	26	31	73
10 to 49 acres	238	215	180	102	118	131	188	390
50 to 179 acres	395	232	315	246	232	315	307	469
180 to 499 acres	541	204	349	251	185	259	200	249
500 to 999 acres	231	142	176	91	75	89	75	92
1,000 acres or more	79	97	94	88	64	50	44	65
Total cropland	1,476	903	1,093	755	633	823	792	1,231
Harvested cropland	462,587	330,149	370,853	239,277	176,040	175,115	156,110	216,763
Irrigated land	54	20	4	5	2	2	7	11
Market value of agricultural products sold (see text)	616,854	118,730	128,028	60,210	62,890	47,872	37,826	53,441
Average per farm	368,711	121,525	110,464	75,831	90,100	55,026	44,765	39,941
Crops	108,582	92,488	96,665	30,805	23,118	20,361	25,060	34,776
Livestock, poultry, and their products	508,272	26,243	31,363	29,404	39,772	27,511	12,767	18,665
Farms by value of sales:								
Less than \$2,500	158	214	268	270	227	327	335	561
\$2,500 to \$4,999	28	49	41	31	39	60	73	99
\$5,000 to \$9,999	39	50	61	74	52	95	101	153
\$10,000 to \$24,999	121	114	135	103	108	115	99	174
\$25,000 to \$49,999	192	123	123	124	71	112	77	125
\$50,000 to \$99,999	261	137	164	58	71	66	54	90
\$100,000 or more	874	290	367	134	130	95	106	136
Government payments	995	631	816	618	491	565	515	794
Total income from farm-related sources, gross before taxes and expenses (see text)	8,198	5,577	7,708	6,650	3,563	3,646	3,909	4,503
Total farm production expenses <sup>1</sup>	1,039	486	537	330	273	271	157	436
Net cash farm income of operation (see text) <sup>1</sup>	8,328	4,004	4,460	3,051	1,749	2,288	1,364	3,077
Total farm production expenses <sup>1</sup>	514,231	91,791	107,231	51,724	62,655	45,898	40,890	45,956
Average per farm	308,107	94,241	92,680	65,061	89,635	52,817	48,506	34,398
Net cash farm income of operation (see text) <sup>1</sup>	1,669	974	1,157	795	699	869	843	1,336
Average per farm	106,105	37,816	30,304	14,643	10,319	6,368	5,138	15,224
Principal operator by primary occupation:								
Farming	1,295	627	789	490	439	495	492	719
Other	378	350	370	304	259	375	353	619
Principal operator by days worked off farm:								
Any	965	534	617	433	395	504	553	769
200 days or more	621	397	448	303	245	369	421	583
Livestock and poultry:								
Cattle and calves inventory	634	180	444	367	351	368	308	492
Beef cows	221,653	16,040	34,522	34,920	43,761	29,662	17,921	34,428
Milk cows	184	123	353	340	324	328	277	449
Cattle and calves sold	9,872	4,101	13,258	17,748	19,771	14,993	9,154	16,197
Hogs and pigs inventory	100	7	21	8	7	26	8	8
Hogs and pigs sold	20,152	504	975	293	261	809	257	246
Sheep and lambs inventory	611	150	417	347	327	343	274	434
Layers 20 weeks old and older inventory	296,691	13,024	23,490	19,742	25,251	15,877	10,232	18,975
Broilers and other meat-type chickens sold	528	81	92	42	33	36	39	42
Sheep and lambs sold	869,086	78,623	70,773	31,628	87,635	64,424	32,142	37,527
Layers 20 weeks old and older inventory	582	94	98	43	34	39	39	44
Broilers and other meat-type chickens sold	2,536,358	155,492	194,837	74,775	472,594	318,131	131,963	75,920
Layers 20 weeks old and older inventory	107	61	51	16	32	53	20	57
Broilers and other meat-type chickens sold	23,270	4,813	2,574	1,284	2,559	3,664	811	1,685
Broilers and other meat-type chickens sold	37	14	19	10	10	24	17	35
Broilers and other meat-type chickens sold	2,287,648	1,910	1,293	(D)	184	714	405	826
Broilers and other meat-type chickens sold	19	9	4	3	3	3	4	6
Broilers and other meat-type chickens sold	2,448,881	3,893	475	(D)	(D)	(D)	970	805
Selected crops harvested:								
Corn for grain	1,158	639	724	362	293	313	264	428
Corn for silage or greenchop	218,846	163,078	165,657	68,651	46,420	44,222	51,540	66,197
Wheat for grain, All	34,226,090	28,027,496	29,103,750	8,582,471	6,555,852	5,323,624	6,734,233	9,917,719
Wheat for grain, All	271	29	55	27	34	53	19	54
Winter wheat for grain	19,683	808	1,348	1,147	845	1,954	370	1,518
Spring wheat for grain	402,477	12,369	37,836	15,879	12,254	32,271	4,922	26,729
Wheat for grain, All	5	-	2	9	4	23	7	1
Winter wheat for grain	411	-	(D)	140	319	1,040	206	(D)
Spring wheat for grain	26,052	-	(D)	6,607	16,215	45,604	8,547	(D)
Wheat for grain, All	4	-	2	9	4	23	7	1
Winter wheat for grain	(D)	-	(D)	140	319	1,040	206	(D)
Spring wheat for grain	(D)	-	(D)	6,607	16,215	45,604	8,547	(D)
Wheat for grain, All	1	-	-	-	-	-	-	-
Winter wheat for grain	(D)	-	-	-	-	-	-	-
Spring wheat for grain	(D)	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms	1,200	788	932	631	1,501	1,148	588	752
Land in farms	334,564	304,983	417,019	240,310	380,034	442,152	224,206	345,490
Average size of farm	279	387	447	381	253	385	381	459
Median size of farm	160	206	240	197	161	180	224	290
Estimated market value of land and buildings <sup>1</sup> :								
Average per farm	618,883	408,974	942,349	901,384	496,455	698,733	826,029	1,111,023
Average per acre	2,271	1,001	2,206	2,101	1,808	1,794	2,153	2,479
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm	113,339	56,127	129,882	112,511	99,197	103,817	114,695	135,317
Farms by size:								
1 to 9 acres	68	12	60	55	65	49	31	67
10 to 49 acres	249	87	149	136	284	226	135	120
50 to 179 acres	328	262	194	127	471	326	115	132
180 to 499 acres	334	246	247	153	472	269	129	181
500 to 999 acres	164	115	147	87	152	159	109	133
1,000 acres or more	57	66	135	73	57	119	69	119
Total cropland	1,111	742	898	600	1,385	1,046	559	715
Harvested cropland	284,218	235,265	387,383	224,945	303,258	383,871	208,991	327,057
Irrigated land	9	(D)	7	3	5	36	9	-
Market value of agricultural products sold (see text)	174,819	41,250	153,972	97,828	148,428	142,345	67,838	225,747
Average per farm	145,682	52,348	165,206	155,036	98,886	123,994	115,372	300,196
Crops	60,694	24,120	106,886	54,922	49,336	82,342	52,889	87,751
Livestock, poultry, and their products	114,125	17,130	47,086	42,906	99,092	60,004	14,950	137,996
Farms by value of sales:								
Less than \$2,500	359	277	183	201	464	354	163	170
\$2,500 to \$4,999	44	50	29	12	65	45	18	14
\$5,000 to \$9,999	61	62	27	16	65	70	21	20
\$10,000 to \$24,999	82	108	64	44	145	99	38	47
\$25,000 to \$49,999	123	110	128	59	160	129	58	84
\$50,000 to \$99,999	151	75	133	90	190	141	80	112
\$100,000 or more	380	106	368	209	412	310	210	305
Government payments	878	566	688	485	1,012	693	454	581
Total income from farm-related sources, gross before taxes and expenses (see text)	394	293	503	320	765	503	313	403
Total farm production expenses <sup>1</sup>	146,982	34,753	115,161	88,024	132,994	122,664	58,345	177,585
Net cash farm income of operation (see text) <sup>1</sup>	41,600	11,870	47,986	17,474	32,642	38,733	16,868	54,832
Principal operator by primary occupation:								
Farming	829	470	702	381	993	727	445	548
Other	371	318	230	250	508	421	143	204
Principal operator by days worked off farm:								
Any	641	411	483	395	791	635	336	418
200 days or more	432	301	301	277	560	461	220	251
Livestock and poultry:								
Cattle and calves inventory	356	405	129	82	743	395	138	91
Beef cows	25,467	41,929	7,423	6,473	81,808	56,098	7,706	4,855
Milk cows	249	360	107	49	399	319	110	64
Cattle and calves sold	9,394	20,725	3,098	1,311	14,777	15,443	2,584	1,497
Hogs and pigs inventory	56	20	4	11	239	5	11	-
Hogs and pigs sold	1,530	928	216	248	18,874	83	378	-
Sheep and lambs inventory	338	367	108	79	711	348	120	89
Layers 20 weeks old and older inventory	15,382	23,376	4,050	4,679	45,521	60,533	4,895	4,489
Broilers and other meat-type chickens sold	264	13	88	67	159	95	60	46
Selected crops harvested:								
Corn for grain	427,266	9,770	146,614	105,868	118,298	64,797	47,451	322,024
Wheat for grain, All	288	12	102	76	175	104	65	56
Winter wheat for grain	1,407,079	25,112	524,828	271,393	324,531	157,456	97,119	934,964
Spring wheat for grain	61	15	18	31	62	44	18	27
Corn for silage or greenchop	5,014	636	697	644	2,544	1,792	628	1,555
Wheat for grain, All	58	11	18	17	34	36	16	11
Winter wheat for grain	166,782	427	(D)	(D)	241,266	901	219	(D)
Spring wheat for grain	20	2	3	8	10	4	4	5
Selected crops harvested:								
Corn for grain	58,920	(D)	(D)	789	255,750	525	189	415
Corn for silage or greenchop	667	259	665	377	840	601	372	530
Wheat for grain, All	119,703	50,118	187,455	114,913	118,871	163,517	101,592	161,449
Winter wheat for grain	19,184,935	6,224,691	32,347,462	18,422,254	19,416,730	24,547,664	16,759,104	27,376,194
Spring wheat for grain	73	42	29	19	356	66	28	11
Wheat for grain, All	1,132	796	1,527	776	12,158	3,501	642	216
Winter wheat for grain	20,436	11,047	62,819	13,173	218,552	82,786	14,445	3,167
Spring wheat for grain	21	12	-	-	2	2	2	-
Wheat for grain, All	790	2,079	-	-	(D)	(D)	(D)	-
Winter wheat for grain	42,406	119,830	-	-	(D)	(D)	(D)	-
Spring wheat for grain	21	11	-	-	2	2	2	-
Wheat for grain, All	790	(D)	-	-	(D)	(D)	(D)	-
Winter wheat for grain	42,406	(D)	-	-	(D)	(D)	(D)	-
Spring wheat for grain	-	1	-	-	-	-	-	-
Wheat for grain, All	-	(D)	-	-	-	-	-	-
Winter wheat for grain	-	(D)	-	-	-	-	-	-
Spring wheat for grain	-	(D)	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Selected crops harvested - Con.							
Oats for grain	6,963 farms	101	46	208	36	45	94
	143,513 acres	3,006	1,522	5,554	878	1,184	1,586
	10,761,952 bushels	228,724	104,109	400,888	50,268	101,282	133,050
Barley for grain	152 farms	-	-	13	-	-	3
	4,166 acres	-	-	587	-	-	(D)
	241,818 bushels	-	-	38,665	-	-	1,630
Sorghum for grain	38 farms	-	-	-	3	-	-
	2,355 acres	-	-	-	121	-	-
	142,814 bushels	-	-	-	5,130	-	-
Sorghum for silage or greenchop	90 farms	1	3	-	-	1	-
	1,868 acres	(D)	192	-	-	(D)	-
	24,993 tons	(D)	3,212	-	-	(D)	-
Soybeans for beans	48,752 farms	464	264	260	243	342	746
	10,418,621 acres	102,496	56,925	28,935	30,441	95,327	152,406
	487,380,897 bushels	4,695,369	2,440,301	1,478,436	1,177,984	4,443,662	7,673,891
Dry edible beans, excluding limas	56 farms	-	-	1	-	-	-
	2,270 acres	-	-	(D)	-	-	-
	71,739 cwt	-	-	(D)	-	-	-
Tobacco	3 farms	-	-	-	-	-	-
	8 acres	-	-	-	-	-	-
	17,678 pounds	-	-	-	-	-	-
Potatoes	117 farms	-	1	2	-	-	2
	1,005 acres	-	(D)	(D)	-	-	(D)
	231,352 cwt	-	(D)	(D)	-	-	(D)
Sweet potatoes	18 farms	-	-	-	-	-	-
	8 acres	-	-	-	-	-	-
	639 cwt	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	33,406 farms	455	257	527	502	230	443
	1,533,027 acres	31,803	15,835	43,650	40,652	10,321	14,304
	5,177,896 tons, dry	110,972	49,135	163,949	104,619	32,426	54,185
Sunflower seed, All	6 farms	-	-	-	-	-	-
	(D) acres	-	-	-	-	-	-
	(D) pounds	-	-	-	-	-	-
Vegetables harvested for sale (see text)	752 farms	3	4	8	2	2	16
	9,435 acres	3	(D)	42	(D)	(D)	84
Land in orchards	493 farms	5	4	7	5	4	6
	3,141 acres	23	(D)	77	13	42	47

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Selected crops harvested - Con.							
Oats for grain	62	46	86	142	43	88	43
farms							
acres	1,007	1,099	1,353	2,613	803	1,474	531
bushels	85,042	97,652	109,236	222,360	61,447	120,669	46,984
Barley for grain	1	-	1	1	2	2	-
farms							
acres	(D)	-	(D)	(D)	(D)	(D)	-
bushels	(D)	-	(D)	(D)	(D)	(D)	-
Sorghum for grain	-	4	-	-	1	-	-
farms							
acres	-	144	-	-	(D)	-	-
bushels	-	14,549	-	-	(D)	-	-
Sorghum for silage or greenchop	-	1	-	1	1	-	-
farms							
acres	-	(D)	-	(D)	(D)	-	-
tons	-	(D)	-	(D)	(D)	-	-
Soybeans for beans	556	485	554	672	599	621	529
farms							
acres	109,283	120,863	90,780	126,117	144,212	125,782	149,098
bushels	5,406,809	5,574,789	4,758,658	6,179,353	7,067,356	6,172,773	7,284,592
Dry edible beans, excluding limas	-	1	2	-	-	-	-
farms							
acres	-	(D)	(D)	-	-	-	-
cwt	-	(D)	(D)	-	-	-	-
Tobacco	-	3	-	-	-	-	-
farms							
acres	-	8	-	-	-	-	-
pounds	-	17,678	-	-	-	-	-
Potatoes	3	1	2	4	-	-	-
farms							
acres	4	(D)	(D)	1	-	-	-
cwt	440	(D)	(D)	400	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
farms							
acres	-	-	-	-	-	-	-
cwt	-	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	224	269	308	364	169	316	157
farms							
acres	5,659	7,187	9,953	10,184	3,904	7,812	2,815
tons, dry	21,398	25,797	37,541	36,378	13,245	25,539	9,711
Sunflower seed, All	-	-	-	-	-	-	-
farms							
acres	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	21	10	4	11	-	5	4
farms							
acres	206	131	8	(D)	-	7	2
Land in orchards	12	8	6	1	1	3	1
farms							
acres	15	25	16	(D)	(D)	3	(D)

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Selected crops harvested - Con.							
Oats for grain	89 farms	52	66	54	49	93	70
	1,736 acres	1,355	853	920	1,008	1,563	1,933
	150,515 bushels	91,288	64,776	70,867	78,367	127,576	128,726
Barley for grain	1 farms	-	-	-	-	5	-
	(D) acres	-	-	-	-	101	-
	(D) bushels	-	-	-	-	7,360	-
Sorghum for grain	- farms	-	-	-	-	-	-
	- acres	-	-	-	-	-	-
	- bushels	-	-	-	-	-	-
Sorghum for silage or greenchop	- farms	1	2	-	2	3	1
	- acres	(D)	(D)	-	(D)	65	(D)
	- tons	(D)	(D)	-	(D)	1,117	(D)
Soybeans for beans	730 farms	435	549	482	603	546	230
	141,471 acres	114,470	120,278	130,948	126,624	94,634	24,359
	7,028,447 bushels	4,695,331	6,047,648	5,854,746	6,928,567	4,610,567	913,450
Dry edible beans, excluding limas	- farms	-	-	-	-	-	-
	- acres	-	-	-	-	-	-
	- cwt	-	-	-	-	-	-
Tobacco	- farms	-	-	-	-	-	-
	- acres	-	-	-	-	-	-
	- pounds	-	-	-	-	-	-
Potatoes	2 farms	1	2	1	-	1	-
	(D) acres	(D)	(D)	(D)	-	(D)	-
	(D) cwt	(D)	(D)	(D)	-	(D)	-
Sweet potatoes	- farms	-	-	-	-	-	-
	- acres	-	-	-	-	-	-
	- cwt	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	337 farms	359	347	185	331	344	439
	9,869 acres	18,230	11,373	3,685	9,632	12,248	32,564
	38,489 tons, dry	53,622	45,378	11,388	34,876	46,274	88,688
Sunflower seed, All	- farms	-	-	-	-	-	-
	- acres	-	-	-	-	-	-
	- pounds	-	-	-	-	-	-
Vegetables harvested for sale (see text)	3 farms	5	11	12	2	7	6
	13 acres	6	42	362	(D)	9	23
Land in orchards	- farms	2	6	6	2	5	1
	- acres	(D)	23	15	(D)	37	(D)

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Selected crops harvested - Con.							
Oats for grain	27 farms	315 farms	102 farms	63 farms	15 farms	80 farms	21 farms
	456 acres	7,022 acres	1,567 acres	1,105 acres	224 acres	1,480 acres	393 acres
	36,740 bushels	512,590 bushels	111,321 bushels	85,571 bushels	15,482 bushels	86,231 bushels	21,898 bushels
Barley for grain	1 farms	11 farms	1 farms	- farms	1 farms	- farms	1 farms
	(D) acres	311 acres	(D) acres	- acres	(D) acres	- acres	(D) acres
	(D) bushels	19,604 bushels	(D) bushels	- bushels	(D) bushels	- bushels	(D) bushels
Sorghum for grain	- farms	1 farms	- farms	- farms	- farms	- farms	- farms
	- acres	(D) acres	- acres	- acres	- acres	- acres	- acres
	- bushels	(D) bushels	- bushels	- bushels	- bushels	- bushels	- bushels
Sorghum for silage or greenchop	1 farms	- farms	3 farms	- farms	- farms	- farms	1 farms
	(D) acres	- acres	25 acres	- acres	- acres	- acres	(D) acres
	(D) tons	- tons	400 tons	- tons	- tons	- tons	(D) tons
Soybeans for beans	476 farms	452 farms	690 farms	550 farms	470 farms	305 farms	213 farms
	127,467 acres	58,962 acres	124,176 acres	163,877 acres	117,746 acres	45,282 acres	33,101 acres
	5,363,547 bushels	3,195,307 bushels	6,106,326 bushels	7,937,372 bushels	5,029,656 bushels	1,779,175 bushels	1,334,791 bushels
Dry edible beans, excluding limas	1 farms	- farms	3 farms	- farms	- farms	1 farms	- farms
	(D) acres	- acres	109 acres	- acres	- acres	(D) acres	- acres
	(D) cwt	- cwt	2,515 cwt	- cwt	- cwt	(D) cwt	- cwt
Tobacco	- farms	- farms	- farms	- farms	- farms	- farms	- farms
	- acres	- acres	- acres	- acres	- acres	- acres	- acres
	- pounds	- pounds	- pounds	- pounds	- pounds	- pounds	- pounds
Potatoes	4 farms	- farms	- farms	- farms	3 farms	1 farms	- farms
	(D) acres	- acres	- acres	- acres	1 acres	(D) acres	- acres
	(D) cwt	- cwt	- cwt	- cwt	128 cwt	(D) cwt	- cwt
Sweet potatoes	- farms	- farms	- farms	- farms	- farms	- farms	- farms
	- acres	- acres	- acres	- acres	- acres	- acres	- acres
	- cwt	- cwt	- cwt	- cwt	- cwt	- cwt	- cwt
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	178 farms	765 farms	443 farms	428 farms	300 farms	617 farms	439 farms
	7,519 acres	47,335 acres	15,577 acres	17,036 acres	8,461 acres	43,404 acres	36,336 acres
	24,103 tons, dry	205,207 tons, dry	61,530 tons, dry	63,829 tons, dry	26,006 tons, dry	118,372 tons, dry	87,167 tons, dry
Sunflower seed, All	- farms	- farms	- farms	- farms	- farms	1 farms	- farms
	- acres	- acres	- acres	- acres	- acres	(D) acres	- acres
	- pounds	- pounds	- pounds	- pounds	- pounds	(D) pounds	- pounds
Vegetables harvested for sale (see text)	3 farms	2 farms	9 farms	1 farms	19 farms	9 farms	4 farms
	5 acres	(D) acres	14 acres	(D) acres	145 acres	14 acres	53 acres
Land in orchards	3 farms	8 farms	14 farms	2 farms	12 farms	6 farms	10 farms
	4 acres	92 acres	76 acres	(D) acres	34 acres	13 acres	28 acres

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Selected crops harvested - Con.								
Oats for grain	195 farms	15	21	330	18	187	51	45
	3,880 acres	282	469	6,593	276	3,622	1,126	1,199
	303,106 bushels	22,029	38,337	499,561	21,418	303,311	91,012	87,953
Barley for grain	4 farms	-	-	16	-	13	2	2
	35 acres	-	-	342	-	237	(D)	(D)
	2,415 bushels	-	-	22,109	-	16,540	(D)	(D)
Sorghum for grain	- farms	-	-	-	1	1	-	-
	- acres	-	-	-	(D)	(D)	-	-
	- bushels	-	-	-	(D)	(D)	-	-
Sorghum for silage or greenchop	- farms	1	3	2	4	-	2	-
	- acres	(D)	26	(D)	25	-	(D)	-
	- tons	(D)	150	(D)	427	-	(D)	-
Soybeans for beans	661 farms	373	316	471	345	690	516	558
	81,634 acres	62,127	84,595	36,016	95,132	125,968	114,046	137,877
	4,216,376 bushels	2,871,729	3,690,516	1,855,899	4,264,269	6,135,314	5,382,644	6,346,525
Dry edible beans, excluding limas	2 farms	-	-	-	-	3	-	-
	(D) acres	-	-	-	-	(D)	-	-
	(D) cwt	-	-	-	-	(D)	-	-
Tobacco	- farms	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-
	- pounds	-	-	-	-	-	-	-
Potatoes	- farms	-	-	3	-	-	-	-
	- acres	-	-	2	-	-	-	-
	- cwt	-	-	(D)	-	-	-	-
Sweet potatoes	- farms	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-
	- cwt	-	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	551 farms	174	131	846	121	497	234	183
	26,485 acres	4,787	5,571	52,217	3,254	26,101	7,358	4,883
	117,367 tons, dry	18,177	17,006	237,148	9,404	109,796	28,211	15,596
Sunflower seed, All	- farms	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-
	- pounds	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	7 farms	7	1	15	2	12	1	7
	20 acres	44	(D)	84	(D)	58	(D)	(D)
Land in orchards	- farms	7	-	18	-	3	3	1
	- acres	28	-	100	-	(D)	2	(D)

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Selected crops harvested - Con.								
Oats for grain	4 farms	34	30	38	26	41	26	21
	30 acres	632	451	849	483	575	418	328
	1,900 bushels	54,925	39,652	52,616	46,908	50,143	30,616	21,089
Barley for grain	- farms	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-
	- bushels	-	-	-	-	-	-	-
Sorghum for grain	- farms	-	-	-	1	1	-	-
	- acres	-	-	-	(D)	(D)	-	-
	- bushels	-	-	-	(D)	(D)	-	-
Sorghum for silage or greenchop	- farms	-	-	1	-	-	2	-
	- acres	-	-	(D)	-	-	(D)	-
	- tons	-	-	(D)	-	-	(D)	-
Soybeans for beans	362 farms	478	506	421	510	581	516	478
	127,516 acres	144,763	141,506	97,056	144,979	137,638	124,764	156,052
	4,687,460 bushels	6,793,877	7,558,290	4,413,015	6,947,924	6,522,357	5,998,763	6,633,689
Dry edible beans, excluding limas	- farms	9	1	1	-	-	-	-
	- acres	291	(D)	(D)	-	-	-	-
	- cwt	7,703	(D)	(D)	-	-	-	-
Tobacco	- farms	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-
	- pounds	-	-	-	-	-	-	-
Potatoes	- farms	-	2	-	2	-	1	-
	- acres	-	(D)	-	(D)	-	(D)	-
	- cwt	-	(D)	-	(D)	-	(D)	-
Sweet potatoes	- farms	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-
	- cwt	-	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	179 farms	205	141	347	145	151	202	278
	5,383 acres	6,237	3,403	16,485	2,719	3,724	5,598	10,269
	12,757 tons, dry	19,887	14,483	46,543	8,527	14,424	20,589	31,278
Sunflower seed, All	- farms	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-
	- pounds	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	6 farms	-	3	1	7	2	9	9
	26 acres	-	5	(D)	26	(D)	(D)	74
Land in orchards	4 farms	1	2	-	2	1	7	10
	82 acres	(D)	(D)	-	(D)	(D)	21	116

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Selected crops harvested - Con.								
Oats for grain	48	114	20	27	103	233	78	75
farms								
acres	622	2,551	290	552	2,408	5,199	1,796	1,523
bushels	39,379	210,606	24,120	47,169	184,119	344,955	139,406	84,813
Barley for grain	-	5	-	3	2	-	-	2
farms								
acres	-	345	-	127	(D)	-	-	(D)
bushels	-	18,900	-	9,170	(D)	-	-	(D)
Sorghum for grain	1	-	-	-	2	-	-	-
farms								
acres	(D)	-	-	-	(D)	-	-	-
bushels	(D)	-	-	-	(D)	-	-	-
Sorghum for silage or greenchop	1	2	-	-	2	3	2	3
farms								
acres	(D)	(D)	-	-	(D)	42	(D)	20
tons	(D)	(D)	-	-	(D)	315	(D)	372
Soybeans for beans	365	451	452	374	497	385	691	327
farms								
acres	71,378	93,866	115,902	104,123	88,953	41,854	144,889	56,239
bushels	3,375,248	4,434,802	5,461,184	5,238,304	4,373,421	2,021,383	7,481,852	2,044,872
Dry edible beans, excluding limas	-	-	-	1	1	-	1	1
farms								
acres	-	-	-	(D)	(D)	-	(D)	(D)
cwt	-	-	-	(D)	(D)	-	(D)	(D)
Tobacco	-	-	-	-	-	-	-	-
farms								
acres	-	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-	-
Potatoes	2	2	-	1	1	2	-	-
farms								
acres	(D)	(D)	-	(D)	(D)	(D)	-	-
cwt	(D)	(D)	-	(D)	(D)	(D)	-	-
Sweet potatoes	1	-	-	-	-	-	-	-
farms								
acres	(D)	-	-	-	-	-	-	-
cwt	(D)	-	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	307	289	108	211	401	715	485	328
farms								
acres	11,317	12,916	1,974	8,027	17,386	41,454	18,415	15,386
tons, dry	39,472	47,797	5,354	31,254	63,694	163,646	68,561	39,658
Sunflower seed, All	-	1	-	-	-	-	-	-
farms								
acres	-	(D)	-	-	-	-	-	-
pounds	-	(D)	-	-	-	-	-	-
Vegetables harvested for sale (see text)	7	10	3	1	9	11	12	5
farms								
acres	19	14	9	(D)	133	67	33	16
Land in orchards	7	3	-	1	5	18	5	10
farms								
acres	32	(D)	-	(D)	5	49	33	(D)

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Selected crops harvested - Con.								
Oats for grain	204 farms	97 farms	73 farms	55 farms	41 farms	117 farms	25 farms	57 farms
	4,653 acres	1,909 acres	1,420 acres	1,006 acres	813 acres	2,060 acres	575 acres	1,488 acres
	341,011 bushels	133,228 bushels	103,409 bushels	82,588 bushels	43,661 bushels	147,120 bushels	35,554 bushels	82,816 bushels
Barley for grain	3 farms	- farms	- farms	- farms	- farms	- farms	- farms	- farms
	27 acres	- acres	- acres	- acres	- acres	- acres	- acres	- acres
	1,710 bushels	- bushels	- bushels	- bushels	- bushels	- bushels	- bushels	- bushels
Sorghum for grain	2 farms	- farms	- farms	- farms	2 farms	- farms	- farms	- farms
	(D) acres	- acres	- acres	- acres	(D) acres	- acres	- acres	- acres
	(D) bushels	- bushels	- bushels	- bushels	(D) bushels	- bushels	- bushels	- bushels
Sorghum for silage or greenchop	- farms	1 farms	- farms	- farms	- farms	6 farms	- farms	- farms
	- acres	(D) acres	- acres	- acres	- acres	48 acres	- acres	- acres
	- tons	(D) tons	- tons	- tons	- tons	705 tons	- tons	- tons
Soybeans for beans	597 farms	527 farms	509 farms	1,009 farms	423 farms	694 farms	318 farms	168 farms
	89,026 acres	80,087 acres	94,567 acres	245,524 acres	73,104 acres	113,066 acres	64,582 acres	20,355 acres
	4,288,046 bushels	3,912,823 bushels	4,175,616 bushels	11,538,493 bushels	3,020,070 bushels	5,249,284 bushels	3,026,369 bushels	778,143 bushels
Dry edible beans, excluding limas	- farms	- farms	- farms	- farms	- farms	- farms	- farms	- farms
	- acres	- acres	- acres	- acres	- acres	- acres	- acres	- acres
	- cwt	- cwt	- cwt	- cwt	- cwt	- cwt	- cwt	- cwt
Tobacco	- farms	- farms	- farms	- farms	- farms	- farms	- farms	- farms
	- acres	- acres	- acres	- acres	- acres	- acres	- acres	- acres
	- pounds	- pounds	- pounds	- pounds	- pounds	- pounds	- pounds	- pounds
Potatoes	5 farms	1 farms	1 farms	- farms	2 farms	8 farms	5 farms	- farms
	3 acres	(D) acres	(D) acres	- acres	(D) acres	7 acres	614 acres	- acres
	906 cwt	(D) cwt	(D) cwt	- cwt	(D) cwt	(D) cwt	140,283 cwt	- cwt
Sweet potatoes	1 farms	- farms	- farms	- farms	- farms	1 farms	- farms	- farms
	(D) acres	- acres	- acres	- acres	- acres	(D) acres	- acres	- acres
	(D) cwt	- cwt	- cwt	- cwt	- cwt	(D) cwt	- cwt	- cwt
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	556 farms	455 farms	334 farms	205 farms	396 farms	585 farms	162 farms	422 farms
	21,812 acres	20,188 acres	14,192 acres	5,218 acres	16,199 acres	17,162 acres	4,722 acres	29,035 acres
	86,374 tons, dry	83,271 tons, dry	50,734 tons, dry	15,727 tons, dry	48,382 tons, dry	58,405 tons, dry	16,876 tons, dry	75,606 tons, dry
Sunflower seed, All	- farms	- farms	- farms	- farms	- farms	- farms	- farms	- farms
	- acres	- acres	- acres	- acres	- acres	- acres	- acres	- acres
	- pounds	- pounds	- pounds	- pounds	- pounds	- pounds	- pounds	- pounds
Vegetables harvested for sale (see text)	24 farms	3 farms	5 farms	19 farms	8 farms	29 farms	9 farms	12 farms
	94 acres	8 acres	13 acres	2,099 acres	44 acres	387 acres	711 acres	251 acres
Land in orchards	22 farms	3 farms	4 farms	3 farms	13 farms	20 farms	4 farms	5 farms
	139 acres	3 acres	12 acres	(D) acres	47 acres	82 acres	39 acres	12 acres

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Selected crops harvested - Con.								
Oats for grain	farms 100	46	67	54	36	14	103	24
	acres 1,710	789	1,200	1,014	737	303	2,020	717
	bushels 148,658	53,815	90,520	67,438	66,932	23,011	173,350	45,922
Barley for grain	farms 4	-	4	-	1	-	3	-
	acres 87	-	112	-	(D)	-	45	-
	bushels 5,300	-	5,300	-	(D)	-	2,800	-
Sorghum for grain	farms -	-	1	-	-	-	2	-
	acres -	-	(D)	-	-	-	(D)	-
	bushels -	-	(D)	-	-	-	(D)	-
Sorghum for silage or greenchop	farms 5	1	-	-	-	-	2	1
	acres 152	(D)	-	-	-	-	(D)	(D)
	tons 2,940	-	-	-	-	-	(D)	(D)
Soybeans for beans	farms 754	387	584	439	487	311	505	418
	acres 134,125	62,981	100,829	71,426	132,204	96,158	106,807	139,029
	bushels 6,420,553	2,895,644	4,695,297	3,252,756	6,872,601	3,646,368	5,249,965	5,570,213
Dry edible beans, excluding limas	farms 3	2	-	-	-	-	4	-
	acres 21	(D)	-	-	-	-	61	-
	cwt 651	(D)	-	-	-	-	1,220	-
Tobacco	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
	pounds -	-	-	-	-	-	-	-
Potatoes	farms 2	1	2	-	-	-	8	2
	acres (D)	(D)	(D)	-	-	-	1	(D)
	cwt (D)	(D)	(D)	-	-	-	285	(D)
Sweet potatoes	farms -	-	-	-	-	-	5	-
	acres -	-	-	-	-	-	2	-
	cwt -	-	-	-	-	-	21	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	farms 384	567	352	473	249	173	235	191
	acres 11,896	28,903	12,471	20,068	7,605	5,960	7,557	9,474
	tons, dry 42,516	85,165	42,715	67,780	27,326	13,528	26,717	28,585
Sunflower seed, All	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
	pounds -	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms 3	8	4	7	12	6	19	5
	acres 71	43	42	60	87	15	207	80
Land in orchards	farms 1	8	3	5	5	5	3	3
	acres (D)	198	(D)	(D)	18	6	9	30

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Selected crops harvested - Con.								
Oats for grain	48 farms	26	55	54	42	29	30	110
	1,285 acres	512	1,108	799	839	628	647	2,672
	78,503 bushels	28,788	76,543	65,732	73,888	36,309	46,315	222,008
Barley for grain	- farms	-	1	2	-	-	-	-
	- acres	-	(D)	(D)	-	-	-	-
	- bushels	-	(D)	(D)	-	-	-	-
Sorghum for grain	- farms	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-
	- bushels	-	-	-	-	-	-	-
Sorghum for silage or greenchop	- farms	-	-	1	-	1	-	2
	- acres	-	-	(D)	-	(D)	-	(D)
	- tons	-	-	(D)	-	(D)	-	(D)
Soybeans for beans	235 farms	335	422	745	460	526	523	938
	32,042 acres	82,598	76,014	156,366	110,098	105,446	136,241	201,847
	1,272,074 bushels	3,688,515	3,721,229	7,534,463	5,435,712	3,837,820	5,771,708	9,674,725
Dry edible beans, excluding limas	- farms	-	-	-	2	1	2	-
	- acres	-	-	-	(D)	(D)	(D)	-
	- cwt	-	-	-	(D)	(D)	(D)	-
Tobacco	- farms	-	-	-	-	-	-	-
	- acres	-	-	-	-	-	-	-
	- pounds	-	-	-	-	-	-	-
Potatoes	- farms	-	6	-	-	1	-	1
	- acres	-	23	-	-	(D)	-	(D)
	- cwt	-	(D)	-	-	(D)	-	(D)
Sweet potatoes	- farms	-	2	-	-	2	-	-
	- acres	-	(D)	-	-	(D)	-	-
	- cwt	-	(D)	-	-	(D)	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	457 farms	238	275	246	135	407	135	462
	35,198 acres	10,594	8,511	7,323	5,334	17,953	3,487	16,154
	101,374 tons, dry	33,449	36,174	22,972	16,339	46,822	11,869	57,609
Sunflower seed, All	1 farms	-	-	-	-	-	-	-
	(D) acres	-	-	-	-	-	-	-
	(D) pounds	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	2 farms	-	16	4	-	5	8	4
	(D) acres	-	365	5	-	3	273	9
Land in orchards	1 farms	1	6	-	-	1	1	3
	(D) acres	(D)	49	-	-	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Selected crops harvested - Con.								
Oats for grain	31	17	46	81	69	72	53	43
farms								
acres	515	377	1,220	2,617	2,128	1,465	661	903
bushels	44,076	25,076	87,940	199,485	126,058	124,329	55,745	67,343
Barley for grain	-	-	-	1	-	1	4	1
farms				(D)		(D)	30	(D)
acres				(D)		(D)	2,200	(D)
bushels								
Sorghum for grain	-	1	1	-	1	-	-	-
farms		(D)	(D)		(D)			
acres		(D)	(D)		(D)			
bushels								
Sorghum for silage or greenchop	-	-	3	-	-	-	1	-
farms			105				(D)	
acres			820				(D)	
tons								
Soybeans for beans	574	353	770	502	274	579	469	634
farms								
acres	157,490	86,310	205,719	110,611	40,722	146,178	80,723	135,215
bushels	7,450,254	3,963,051	9,217,512	5,441,503	1,632,719	7,327,665	4,238,994	6,310,071
Dry edible beans, excluding limas	-	-	-	-	-	-	-	3
farms								58
acres								2,870
cwt								
Tobacco	-	-	-	-	-	-	-	-
farms								
acres								
pounds								
Potatoes	-	1	1	-	-	-	1	1
farms		(D)	(D)				(D)	(D)
acres		(D)	(D)				(D)	(D)
cwt								
Sweet potatoes	-	1	-	-	-	-	-	1
farms		(D)						(D)
acres		(D)						(D)
cwt								
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	124	236	481	420	410	232	220	327
farms								
acres	2,768	9,034	16,632	22,970	40,481	7,034	6,604	10,979
tons, dry	9,984	25,765	55,693	86,037	103,690	27,880	26,580	33,570
Sunflower seed, All	-	-	-	-	-	-	-	-
farms								
acres								
pounds								
Vegetables harvested for sale (see text)	-	17	11	7	6	2	13	3
farms		159	89	9	21	(D)	73	16
acres								
Land in orchards	-	15	12	4	2	3	8	3
farms		62	64	(D)	(D)	6	16	(D)
acres								

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Selected crops harvested - Con.								
Oats for grain	77 farms	33	94	38	54	61	32	53
	acres	593	1,508	867	1,556	1,130	551	901
	bushels	135,501	48,039	123,108	53,404	103,619	31,505	60,207
Barley for grain	4 farms	1	2	-	-	1	-	-
	acres	(D)	(D)	-	-	(D)	-	-
	bushels	(D)	(D)	-	-	(D)	-	-
Sorghum for grain	1 farms	5	-	-	-	-	-	2
	acres	(D)	68	-	-	-	-	(D)
	bushels	(D)	5,684	-	-	-	-	(D)
Sorghum for silage or greenchop	2 farms	1	1	2	3	1	1	1
	acres	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	tons	(D)	(D)	(D)	106	(D)	(D)	(D)
Soybeans for beans	1,101 farms	607	679	329	275	321	258	417
	acres	193,229	140,082	147,925	69,912	43,067	45,817	65,000
	bushels	9,660,763	6,465,973	7,548,227	2,874,987	1,873,877	1,572,488	2,911,014
Dry edible beans, excluding limas	1 farms	-	1	-	-	-	-	-
	acres	(D)	-	(D)	-	-	(D)	-
	cwt	(D)	-	(D)	-	-	(D)	-
Tobacco	- farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
	pounds	-	-	-	-	-	-	-
Potatoes	- farms	1	3	4	1	-	-	6
	acres	-	(D)	1	(D)	-	-	4
	cwt	-	(D)	700	1,500	(D)	-	853
Sweet potatoes	- farms	1	-	-	-	-	-	3
	acres	-	(D)	-	-	-	-	(Z)
	cwt	-	(D)	-	-	-	-	36
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	414 farms	242	457	371	346	478	403	645
	acres	15,876	6,447	17,661	22,131	27,612	28,429	27,770
	tons, dry	66,585	23,004	69,595	65,745	76,811	72,493	84,684
Sunflower seed, All	- farms	1	-	-	-	-	-	-
	acres	-	(D)	-	-	-	-	-
	pounds	-	(D)	-	-	-	-	-
Vegetables harvested for sale (see text)	11 farms	18	9	5	-	12	7	22
	acres	63	83	22	13	13	10	104
Land in orchards	1 farms	9	6	1	-	6	8	17
	acres	(D)	61	88	(D)	14	14	403

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Selected crops harvested - Con.								
Oats for grain	98	57	34	43	355	33	43	23
farms								
acres	1,635	1,346	648	784	7,439	658	797	246
bushels	123,105	82,115	56,555	57,207	598,700	51,903	71,314	22,895
Barley for grain	2	2	-	-	20	-	2	-
farms								
acres	(D)	(D)	-	-	722	-	(D)	-
bushels	(D)	(D)	-	-	39,616	-	(D)	-
Sorghum for grain	2	-	-	-	1	-	-	1
farms								
acres	(D)	-	-	-	(D)	-	-	(D)
bushels	(D)	-	-	-	(D)	-	-	(D)
Sorghum for silage or greenchop	1	-	1	-	-	1	1	-
farms								
acres	(D)	-	(D)	-	-	(D)	(D)	-
tons	(D)	-	(D)	-	-	(D)	(D)	-
Soybeans for beans	597	268	641	348	597	582	352	521
farms								
acres	101,560	56,009	178,461	93,780	69,199	150,350	91,409	152,937
bushels	4,854,723	2,111,407	8,534,296	4,296,705	3,552,400	6,781,590	4,446,992	7,056,329
Dry edible beans, excluding limas	4	-	1	-	1	1	-	-
farms								
acres	28	-	(D)	-	(D)	(D)	-	-
cwt	774	-	(D)	-	(D)	(D)	-	-
Tobacco	-	-	-	-	-	-	-	-
farms								
acres	-	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-	-
Potatoes	-	-	2	-	3	-	2	-
farms								
acres	-	-	(D)	-	6	-	(D)	-
cwt	-	-	(D)	-	1,050	-	(D)	-
Sweet potatoes	-	-	-	-	-	-	-	-
farms								
acres	-	-	-	-	-	-	-	-
cwt	-	-	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text)	387	435	155	99	810	389	161	108
farms								
acres	13,600	38,734	3,704	2,386	47,840	14,640	3,762	1,969
tons, dry	51,390	98,561	12,454	7,466	200,868	47,933	11,531	5,802
Sunflower seed, All	-	-	-	-	2	-	-	-
farms								
acres	-	-	-	-	(D)	-	-	-
pounds	-	-	-	-	(D)	-	-	-
Vegetables harvested for sale (see text)	19	1	12	5	15	8	6	1
farms								
acres	22	(D)	102	240	40	682	97	(D)
Land in orchards	8	1	2	6	8	5	-	-
farms								
acres	125	(D)	(D)	6	25	9	-	-

<sup>1</sup> Data are based on a sample of farms.

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Total sales (see text) . . . . . farms, 2002	90,655	843	567	1,083	816	638	1,186
1997	96,705	837	608	1,025	862	686	1,286
\$1,000, 2002	12,273,634	93,281	50,935	91,025	25,283	112,708	147,953
1997	12,162,165	84,799	50,509	81,994	30,260	116,428	161,581
Average per farm . . . . . dollars, 2002	135,388	110,654	89,833	84,049	30,984	176,658	124,750
1997	125,766	101,314	83,074	79,994	35,105	169,721	125,646
2002 value of sales:							
Less than \$1,000 (see text) . . . . . farms	19,668	175	156	396	215	162	216
\$1,000	915	6	3	13	15	7	9
\$1,000 to \$2,499 . . . . . farms	3,768	45	31	36	68	22	46
\$1,000	6,246	79	48	57	120	35	76
\$2,500 to \$4,999 . . . . . farms	3,737	28	27	31	57	16	46
\$1,000	13,593	108	102	108	(D)	58	163
\$5,000 to \$9,999 . . . . . farms	4,902	48	34	51	91	21	48
\$1,000	35,352	349	259	360	662	151	328
\$10,000 to \$19,999 . . . . . farms	6,631	68	48	82	105	50	82
\$1,000	96,195	1,009	680	1,212	1,491	710	1,194
\$20,000 to \$24,999 . . . . . farms	2,778	36	22	25	37	15	45
\$1,000	61,731	802	481	561	830	335	999
\$25,000 to \$39,999 . . . . . farms	6,437	59	35	68	82	41	80
\$1,000	205,720	1,867	1,093	2,159	2,559	1,278	2,548
\$40,000 to \$49,999 . . . . . farms	3,601	48	18	48	24	9	61
\$1,000	160,367	2,137	802	2,114	1,080	392	2,708
\$50,000 to \$99,999 . . . . . farms	11,718	104	73	113	80	84	160
\$1,000	846,783	7,449	5,460	7,933	5,493	5,938	11,577
\$100,000 to \$249,999 . . . . . farms	14,920	140	70	143	42	114	232
\$1,000	2,417,878	22,642	11,705	22,831	6,604	19,476	36,279
\$250,000 to \$499,999 . . . . . farms	7,731	52	33	60	13	48	125
\$1,000	2,679,591	17,333	11,241	20,619	4,729	16,606	43,687
\$500,000 or more . . . . . farms	4,764	40	20	30	2	56	45
\$1,000	5,749,264	39,501	19,063	33,060	(D)	67,721	48,387
1997 value of sales:							
Less than \$1,000 (see text) . . . . . farms	11,943	70	101	184	130	66	142
\$1,000	1,021	3	6	7	10	4	17
\$1,000 to \$2,499 . . . . . farms	5,002	44	34	42	82	34	81
\$1,000	8,422	72	56	67	142	53	132
\$2,500 to \$4,999 . . . . . farms	4,995	56	38	67	88	27	62
\$1,000	18,167	203	140	248	339	104	226
\$5,000 to \$9,999 . . . . . farms	6,060	58	46	72	123	34	61
\$1,000	43,714	427	330	533	888	241	428
\$10,000 to \$19,999 . . . . . farms	7,638	90	58	84	123	49	109
\$1,000	111,139	1,341	841	1,230	1,787	705	1,558
\$20,000 to \$24,999 . . . . . farms	3,222	36	20	31	50	23	29
\$1,000	71,988	803	449	683	1,122	507	655
\$25,000 to \$39,999 . . . . . farms	7,593	83	62	89	76	39	100
\$1,000	243,528	2,676	1,952	2,839	2,357	1,308	3,153
\$40,000 to \$49,999 . . . . . farms	4,204	36	31	45	33	29	46
\$1,000	188,303	1,658	1,336	1,978	1,459	1,318	2,076
\$50,000 to \$99,999 . . . . . farms	14,231	124	79	149	90	121	189
\$1,000	1,030,239	8,831	5,486	11,263	6,143	8,667	13,679
\$100,000 to \$249,999 . . . . . farms	19,227	168	85	177	46	147	278
\$1,000	3,107,745	26,687	13,036	28,025	7,239	24,829	45,616
\$250,000 to \$499,999 . . . . . farms	8,531	56	34	69	15	67	138
\$1,000	2,925,213	19,003	10,842	23,626	4,446	22,789	46,426
\$500,000 or more . . . . . farms	4,059	16	20	16	6	50	51
\$1,000	4,412,686	23,095	16,034	11,496	4,328	55,902	47,615
Value of sales by commodity or commodity group:							
Crops, including nursery and greenhouse . . . . . farms, 2002	60,303	542	336	510	390	390	870
1997	70,557	629	406	574	481	524	976
\$1,000, 2002	6,071,272	53,697	28,340	28,508	12,970	46,744	95,301
1997	6,381,676	44,688	26,077	22,530	16,498	54,714	106,407
Grains, oilseeds, dry beans, and dry peas . . . . . farms, 2002	55,294	510	303	447	283	361	807
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	5,858,528	(D)	27,237	23,855	(D)	45,621	93,000
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco . . . . . farms, 2002	3	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
\$1,000, 2002	29	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms, 2002	757	3	4	8	2	2	18
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	19,491	(D)	(D)	62	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries . . . . . farms, 2002	412	4	4	7	2	2	6
1997	330	2	-	2	2	2	2
\$1,000, 2002	4,496	49	25	76	(D)	(D)	(D)
1997	3,602	(D)	-	(D)	(D)	(D)	(D)
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms, 2002	554	1	2	5	1	3	14
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	77,610	(D)	(D)	(D)	(D)	38	1,069
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops . . . . . farms, 2002	215	3	1	3	-	1	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,424	5	(D)	2	-	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Total sales (see text) . . . . . farms, 2002	939	827	956	1,067	825	1,076	762
1997	1,061	920	1,044	1,203	904	1,158	829
\$1,000, 2002	114,383	105,933	108,067	141,612	212,736	134,543	140,558
1997	129,897	123,544	103,552	139,832	212,862	133,606	142,393
Average per farm . . . . . dollars, 2002	121,814	128,093	113,041	132,719	257,862	125,040	184,459
1997	122,429	134,287	99,188	116,236	235,467	115,376	171,764
2002 value of sales:							
Less than \$1,000 (see text) . . . . . farms	174	143	165	153	108	248	122
\$1,000	15	11	9	13	2	5	4
\$1,000 to \$2,499 . . . . . farms	35	65	44	38	16	59	20
\$1,000	53	106	73	57	28	89	33
\$2,500 to \$4,999 . . . . . farms	45	40	41	34	23	34	17
\$1,000	158	148	146	124	90	123	62
\$5,000 to \$9,999 . . . . . farms	47	39	61	44	29	38	27
\$1,000	359	272	436	326	216	281	198
\$10,000 to \$19,999 . . . . . farms	66	60	65	76	32	77	42
\$1,000	956	823	934	1,133	471	1,103	620
\$20,000 to \$24,999 . . . . . farms	36	26	48	50	20	34	15
\$1,000	798	572	1,060	1,117	445	766	330
\$25,000 to \$39,999 . . . . . farms	75	68	70	104	54	69	51
\$1,000	2,432	2,142	2,223	3,341	1,789	2,218	1,643
\$40,000 to \$49,999 . . . . . farms	49	30	51	45	37	42	35
\$1,000	2,186	1,365	2,213	2,002	1,637	1,869	1,568
\$50,000 to \$99,999 . . . . . farms	155	104	134	157	111	174	97
\$1,000	11,369	7,523	9,622	11,580	8,077	12,959	7,182
\$100,000 to \$249,999 . . . . . farms	127	128	154	199	206	178	172
\$1,000	20,132	20,678	24,115	32,091	34,982	28,570	27,545
\$250,000 to \$499,999 . . . . . farms	85	84	82	108	82	82	106
\$1,000	29,823	29,050	28,853	37,648	34,516	29,394	36,063
\$500,000 or more . . . . . farms	45	40	41	59	88	41	58
\$1,000	46,103	43,243	38,381	52,180	130,473	57,166	65,310
1997 value of sales:							
Less than \$1,000 (see text) . . . . . farms	97	72	113	78	41	148	26
\$1,000	11	10	21	10	9	13	3
\$1,000 to \$2,499 . . . . . farms	64	50	53	65	16	55	37
\$1,000	106	79	97	109	28	93	60
\$2,500 to \$4,999 . . . . . farms	51	48	54	60	27	62	28
\$1,000	187	168	199	222	98	221	105
\$5,000 to \$9,999 . . . . . farms	65	82	64	54	15	53	29
\$1,000	452	572	469	387	103	377	216
\$10,000 to \$19,999 . . . . . farms	103	52	87	113	49	75	69
\$1,000	1,541	768	1,334	1,615	711	1,087	1,027
\$20,000 to \$24,999 . . . . . farms	32	29	32	46	16	40	20
\$1,000	713	636	716	1,026	346	897	438
\$25,000 to \$39,999 . . . . . farms	81	78	118	113	52	96	58
\$1,000	2,538	2,447	3,780	3,645	1,654	3,033	1,809
\$40,000 to \$49,999 . . . . . farms	48	41	68	84	41	55	37
\$1,000	2,194	1,858	3,039	3,728	1,848	2,458	1,679
\$50,000 to \$99,999 . . . . . farms	156	133	158	186	174	197	127
\$1,000	11,001	9,689	11,261	13,182	13,082	14,649	9,029
\$100,000 to \$249,999 . . . . . farms	210	202	187	240	261	243	219
\$1,000	33,008	32,790	29,744	37,496	43,625	38,946	35,801
\$250,000 to \$499,999 . . . . . farms	111	94	81	110	122	93	125
\$1,000	39,455	32,949	27,746	37,388	44,275	31,633	41,726
\$500,000 or more . . . . . farms	43	39	29	54	90	41	54
\$1,000	38,691	41,578	25,146	41,025	107,082	40,198	50,499
Value of sales by commodity or commodity group:							
Crops, including nursery and greenhouse . . . . . farms, 2002	690	623	688	793	646	725	589
1997	863	753	803	932	760	889	737
\$1,000, 2002	69,697	75,622	62,661	83,936	79,349	74,534	82,575
1997	79,024	89,051	57,502	81,430	93,945	75,774	91,871
Grains, oilseeds, dry beans, and dry peas . . . . . farms, 2002	629	549	640	759	630	687	570
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	66,537	71,468	61,734	82,578	78,661	73,942	82,271
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco . . . . . farms, 2002	-	3	-	-	-	-	-
1997	-	-	-	-	-	-	-
\$1,000, 2002	-	29	-	-	-	-	-
1997	-	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms, 2002	20	10	4	12	-	5	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	440	(D)	54	(D)	-	21	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries . . . . . farms, 2002	11	9	6	2	1	2	1
1997	11	1	2	5	-	-	-
\$1,000, 2002	64	52	(D)	(D)	(D)	(D)	(D)
1997	157	(D)	(D)	(D)	-	-	-
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms, 2002	16	7	5	3	4	2	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	2,019	(D)	77	20	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops . . . . . farms, 2002	7	4	2	3	-	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	71	5	(D)	10	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Total sales (see text) . . . . . farms, 2002	1,045	764	971	795	837	951	726
1997	1,151	852	1,023	880	930	979	737
\$1,000, 2002	264,017	117,112	123,000	112,257	154,661	119,896	43,656
1997	222,396	95,329	130,902	123,775	148,555	124,259	39,053
Average per farm . . . . . dollars, 2002	252,648	153,289	126,674	141,204	184,780	126,073	60,132
1997	193,220	111,888	127,959	140,654	159,736	126,924	52,989
2002 value of sales:							
Less than \$1,000 (see text) . . . . . farms	134	164	211	171	77	213	202
\$1,000	4	9	6	7	7	13	8
\$1,000 to \$2,499 . . . . . farms	35	32	43	31	25	29	53
\$1,000	61	54	70	54	46	45	82
\$2,500 to \$4,999 . . . . . farms	12	35	45	31	27	30	55
\$1,000	42	122	165	113	105	108	206
\$5,000 to \$9,999 . . . . . farms	42	38	26	28	27	52	63
\$1,000	295	271	194	192	206	372	464
\$10,000 to \$19,999 . . . . . farms	68	65	64	48	58	73	107
\$1,000	1,067	957	916	690	804	1,096	1,584
\$20,000 to \$24,999 . . . . . farms	22	25	24	21	19	31	30
\$1,000	483	547	537	453	420	679	662
\$25,000 to \$39,999 . . . . . farms	67	50	52	36	56	74	65
\$1,000	2,151	1,539	1,688	1,164	1,818	2,401	2,051
\$40,000 to \$49,999 . . . . . farms	48	28	37	22	44	34	27
\$1,000	2,181	1,242	1,672	950	1,930	1,511	1,189
\$50,000 to \$99,999 . . . . . farms	167	89	144	126	150	124	59
\$1,000	12,130	6,621	10,292	9,072	10,948	8,881	4,264
\$100,000 to \$249,999 . . . . . farms	230	135	171	131	181	164	48
\$1,000	36,325	22,310	27,516	21,177	29,506	26,127	6,842
\$250,000 to \$499,999 . . . . . farms	114	58	95	111	99	80	11
\$1,000	39,931	20,037	32,177	38,577	35,163	27,356	4,045
\$500,000 or more . . . . . farms	106	45	59	39	74	47	6
\$1,000	169,347	63,403	47,769	39,807	73,709	51,306	22,260
1997 value of sales:							
Less than \$1,000 (see text) . . . . . farms	46	73	103	112	46	92	142
\$1,000	4	5	13	7	2	12	14
\$1,000 to \$2,499 . . . . . farms	41	48	65	52	23	48	54
\$1,000	67	85	109	82	37	72	91
\$2,500 to \$4,999 . . . . . farms	32	45	56	33	33	45	74
\$1,000	116	158	206	110	121	171	269
\$5,000 to \$9,999 . . . . . farms	42	67	52	56	35	54	77
\$1,000	306	521	383	380	265	393	556
\$10,000 to \$19,999 . . . . . farms	71	81	50	42	54	105	107
\$1,000	1,100	1,179	706	596	785	1,578	1,504
\$20,000 to \$24,999 . . . . . farms	39	31	25	23	32	29	39
\$1,000	879	685	562	523	711	638	867
\$25,000 to \$39,999 . . . . . farms	89	86	82	51	59	79	68
\$1,000	2,850	2,837	2,658	1,664	1,851	2,545	2,114
\$40,000 to \$49,999 . . . . . farms	58	37	42	35	43	33	24
\$1,000	2,590	1,665	1,857	1,553	1,914	1,456	1,072
\$50,000 to \$99,999 . . . . . farms	242	112	161	122	189	147	77
\$1,000	17,353	8,162	11,546	8,827	14,222	10,484	5,387
\$100,000 to \$249,999 . . . . . farms	286	185	230	224	257	227	63
\$1,000	46,726	30,209	36,672	36,106	42,194	35,202	9,885
\$250,000 to \$499,999 . . . . . farms	120	52	117	87	96	79	7
\$1,000	40,209	17,785	39,947	28,769	34,067	26,630	2,131
\$500,000 or more . . . . . farms	85	35	40	43	63	41	5
\$1,000	110,196	32,038	36,242	45,159	52,385	45,078	15,163
Value of sales by commodity or commodity group:							
Crops, including nursery and greenhouse . . . . . farms, 2002	796	511	666	570	659	650	358
1997	969	642	769	683	770	758	408
\$1,000, 2002	75,490	52,395	82,311	83,706	66,407	56,278	11,499
1997	79,261	54,634	82,241	84,370	72,811	58,542	13,040
Grains, oilseeds, dry beans, and dry peas . . . . . farms, 2002	779	481	616	539	642	604	281
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	74,226	(D)	80,068	78,350	65,382	54,948	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco . . . . . farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms, 2002	3	5	11	11	2	8	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	18	64	1,324	(D)	22	41
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries . . . . . farms, 2002	2	2	6	5	1	3	2
1997	4	1	6	1	1	2	-
\$1,000, 2002	(D)	(D)	97	(D)	(D)	54	(D)
1997	(D)	(D)	66	(D)	(D)	(D)	-
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms, 2002	7	2	10	5	3	5	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	134	(D)	874	(D)	(D)	113	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops . . . . . farms, 2002	-	-	5	-	1	5	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	-	8	-	(D)	90	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Total sales (see text) . . . . . farms, 2002	691	1,601	1,219	927	938	1,007	788
1997	705	1,738	1,355	1,169	1,002	964	803
\$1,000, 2002	157,068	159,948	138,303	157,164	92,497	49,638	41,980
1997	123,032	172,085	151,916	145,406	121,368	57,008	55,021
Average per farm . . . . . dollars, 2002	227,306	99,905	113,456	169,540	98,610	49,293	53,275
1997	174,513	99,013	112,115	124,385	121,126	59,136	68,519
2002 value of sales:							
Less than \$1,000 (see text) . . . . . farms	107	500	257	152	205	276	266
\$1,000	6	16	12	6	12	22	13
\$1,000 to \$2,499 . . . . . farms	28	56	60	29	89	57	30
\$1,000	49	92	99	52	148	94	52
\$2,500 to \$4,999 . . . . . farms	18	50	55	32	60	61	56
\$1,000	64	183	197	116	204	219	204
\$5,000 to \$9,999 . . . . . farms	31	80	52	46	78	122	84
\$1,000	222	580	383	341	537	870	610
\$10,000 to \$19,999 . . . . . farms	28	108	74	71	79	123	93
\$1,000	422	1,556	1,072	1,009	1,115	1,714	1,367
\$20,000 to \$24,999 . . . . . farms	17	37	35	33	35	35	35
\$1,000	376	835	785	745	774	776	774
\$25,000 to \$39,999 . . . . . farms	56	93	70	51	62	94	48
\$1,000	1,798	2,976	2,216	1,594	1,948	2,941	1,534
\$40,000 to \$49,999 . . . . . farms	28	43	63	37	25	45	28
\$1,000	1,208	1,931	2,811	1,671	1,095	1,985	1,257
\$50,000 to \$99,999 . . . . . farms	113	176	171	131	95	81	61
\$1,000	8,024	12,636	12,642	9,334	6,848	5,555	4,497
\$100,000 to \$249,999 . . . . . farms	141	298	229	171	105	70	52
\$1,000	21,893	48,751	36,556	28,038	16,624	10,581	8,373
\$250,000 to \$499,999 . . . . . farms	61	105	105	100	59	24	23
\$1,000	22,306	35,108	36,711	35,227	19,861	8,299	7,953
\$500,000 or more . . . . . farms	63	55	48	74	46	19	12
\$1,000	100,699	55,282	44,820	79,032	43,331	16,584	15,346
1997 value of sales:							
Less than \$1,000 (see text) . . . . . farms	55	286	154	94	154	170	194
\$1,000	4	20	16	8	15	11	18
\$1,000 to \$2,499 . . . . . farms	32	88	74	53	66	80	49
\$1,000	54	149	120	91	106	135	84
\$2,500 to \$4,999 . . . . . farms	31	66	70	58	83	92	81
\$1,000	116	238	253	211	303	355	293
\$5,000 to \$9,999 . . . . . farms	28	125	82	87	70	103	91
\$1,000	209	889	565	620	512	755	651
\$10,000 to \$19,999 . . . . . farms	37	147	118	89	99	129	106
\$1,000	543	2,129	1,828	1,346	1,396	1,806	1,570
\$20,000 to \$24,999 . . . . . farms	18	51	31	39	48	44	40
\$1,000	407	1,133	702	882	1,077	989	904
\$25,000 to \$39,999 . . . . . farms	55	151	92	97	62	105	49
\$1,000	1,795	4,821	2,974	3,121	1,950	3,441	1,562
\$40,000 to \$49,999 . . . . . farms	40	63	62	43	23	28	30
\$1,000	1,783	2,865	2,786	1,938	1,017	1,232	1,337
\$50,000 to \$99,999 . . . . . farms	102	232	229	214	118	107	78
\$1,000	7,563	17,053	16,382	15,480	8,610	7,686	5,336
\$100,000 to \$249,999 . . . . . farms	189	352	287	232	157	69	58
\$1,000	31,246	57,389	46,176	37,521	25,892	10,531	9,193
\$250,000 to \$499,999 . . . . . farms	72	129	114	111	88	28	17
\$1,000	25,400	42,543	39,577	36,628	30,623	9,598	5,598
\$500,000 or more . . . . . farms	46	48	42	52	34	9	10
\$1,000	53,912	42,856	40,536	47,558	49,868	20,469	28,474
Value of sales by commodity or commodity group:							
Crops, including nursery and greenhouse . . . . . farms, 2002	540	808	835	649	639	491	338
1997	582	1,094	990	879	728	501	383
\$1,000, 2002	63,760	53,678	88,357	89,918	64,628	20,540	14,418
1997	69,211	54,687	89,326	82,646	80,404	18,845	14,686
Grains, oilseeds, dry beans, and dry peas . . . . . farms, 2002	513	734	794	608	530	364	241
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	62,591	50,201	87,176	88,267	60,182	18,022	12,788
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco . . . . . farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms, 2002	3	2	10	1	19	9	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	(D)	296	23	65
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries . . . . . farms, 2002	2	7	7	2	7	12	4
1997	2	11	11	5	7	2	2
\$1,000, 2002	(D)	(D)	(D)	(D)	54	58	14
1997	(D)	158	31	15	20	(D)	(D)
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms, 2002	3	4	3	-	22	6	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	380	104	-	2,965	152	59
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops . . . . . farms, 2002	-	1	1	2	3	5	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	(D)	(D)	(D)	7	32	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Total sales (see text) . . . . . farms, 2002	1,253	674	492	1,481	510	1,344	895	825
1997	1,318	697	551	1,669	556	1,369	908	896
\$1,000, 2002	190,284	47,499	76,409	151,969	106,817	180,832	116,318	159,964
1997	193,499	71,477	74,662	171,364	94,559	183,356	115,805	182,466
Average per farm . . . . . dollars, 2002	151,863	70,473	155,302	102,612	209,445	134,548	129,964	193,896
1997	146,812	102,550	135,503	102,675	170,070	133,934	127,538	203,645
2002 value of sales:								
Less than \$1,000 (see text) . . . . . farms	191	158	91	299	88	329	231	138
\$1,000	9	11	3	12	4	9	8	4
\$1,000 to \$2,499 . . . . . farms	31	32	17	56	10	35	30	17
\$1,000	49	58	31	91	16	58	49	31
\$2,500 to \$4,999 . . . . . farms	37	34	14	44	20	33	23	21
\$1,000	134	129	55	158	69	119	84	77
\$5,000 to \$9,999 . . . . . farms	43	42	18	82	15	54	38	28
\$1,000	295	308	131	607	101	368	271	203
\$10,000 to \$19,999 . . . . . farms	54	65	38	124	25	67	54	43
\$1,000	819	961	551	1,751	347	954	767	632
\$20,000 to \$24,999 . . . . . farms	32	23	10	48	12	37	18	23
\$1,000	723	514	228	1,046	261	827	393	508
\$25,000 to \$39,999 . . . . . farms	87	52	30	124	31	87	54	59
\$1,000	2,838	1,634	1,009	3,900	1,005	2,699	1,667	1,961
\$40,000 to \$49,999 . . . . . farms	40	33	21	77	14	52	30	38
\$1,000	1,798	1,514	945	3,436	617	2,292	1,335	1,688
\$50,000 to \$99,999 . . . . . farms	208	98	61	179	82	199	123	113
\$1,000	15,086	6,939	4,360	13,115	6,350	14,440	8,868	7,919
\$100,000 to \$249,999 . . . . . farms	300	97	109	284	98	243	173	172
\$1,000	48,146	16,240	17,738	46,307	16,263	39,143	27,838	27,652
\$250,000 to \$499,999 . . . . . farms	163	27	57	106	73	122	75	96
\$1,000	54,653	9,772	19,920	35,637	25,315	42,009	26,121	32,605
\$500,000 or more . . . . . farms	67	13	26	58	42	86	46	77
\$1,000	65,737	9,418	31,439	45,908	56,468	77,914	48,917	86,683
1997 value of sales:								
Less than \$1,000 (see text) . . . . . farms	98	89	82	228	87	161	114	72
\$1,000	5	13	3	15	2	11	6	5
\$1,000 to \$2,499 . . . . . farms	53	51	28	70	12	48	47	28
\$1,000	93	81	47	114	16	81	84	46
\$2,500 to \$4,999 . . . . . farms	51	53	21	65	16	47	41	33
\$1,000	181	200	72	243	64	172	147	117
\$5,000 to \$9,999 . . . . . farms	51	60	27	96	21	78	35	25
\$1,000	376	446	183	698	155	564	261	174
\$10,000 to \$19,999 . . . . . farms	61	57	26	131	38	93	53	38
\$1,000	881	864	395	1,926	523	1,395	773	598
\$20,000 to \$24,999 . . . . . farms	32	20	10	56	8	51	36	29
\$1,000	716	459	218	1,265	181	1,135	817	664
\$25,000 to \$39,999 . . . . . farms	106	63	42	145	30	111	77	76
\$1,000	3,428	1,952	1,370	4,639	1,041	3,622	2,471	2,492
\$40,000 to \$49,999 . . . . . farms	48	25	21	75	17	44	43	32
\$1,000	2,148	1,120	933	3,337	746	1,996	1,936	1,445
\$50,000 to \$99,999 . . . . . farms	200	91	93	265	71	215	127	162
\$1,000	14,396	6,492	6,680	19,239	5,186	15,806	9,055	11,843
\$100,000 to \$249,999 . . . . . farms	386	121	121	357	145	329	208	231
\$1,000	62,367	19,729	19,030	56,970	23,882	53,067	33,987	37,564
\$250,000 to \$499,999 . . . . . farms	168	48	59	123	77	127	82	112
\$1,000	57,316	16,449	20,976	42,614	25,773	44,622	27,152	36,566
\$500,000 or more . . . . . farms	64	19	21	58	34	65	45	58
\$1,000	51,592	23,672	24,755	40,304	36,992	60,885	39,116	90,951
Value of sales by commodity or commodity group:								
Crops, including nursery and greenhouse . . . . . farms, 2002	864	482	366	865	380	858	600	621
1997	935	535	424	881	424	1,017	705	756
\$1,000, 2002	62,961	37,259	42,919	34,562	52,725	79,952	71,037	82,721
1997	51,800	44,641	43,083	31,134	56,305	79,576	78,906	89,037
Grains, oilseeds, dry beans, and dry peas . . . . . farms, 2002	825	434	341	773	362	812	571	599
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	60,990	36,453	42,011	30,425	52,290	78,062	64,069	81,815
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms, 2002	6	7	-	15	2	12	1	7
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	34	41	-	227	(D)	156	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries . . . . . farms, 2002	-	6	-	14	-	3	2	1
1997	1	8	3	13	-	6	1	7
\$1,000, 2002	-	(D)	-	190	-	(D)	(D)	(D)
1997	(D)	8	(D)	32	-	53	(D)	69
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms, 2002	2	7	5	12	2	4	6	8
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	202	(D)	117	(D)	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops . . . . . farms, 2002	5	2	1	3	-	1	3	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	16	-	(D)	8	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Total sales (see text) farms, 2002	547	727	724	885	797	827	829	828
1997	607	802	791	910	832	895	902	938
\$1,000, 2002	62,471	120,067	140,343	111,183	234,900	141,590	251,970	111,191
1997	90,885	125,287	152,076	97,145	230,724	143,951	204,626	117,864
Average per farm dollars, 2002	114,207	165,154	193,844	125,631	294,730	171,209	303,944	134,289
1997	149,727	156,219	192,258	106,753	277,313	160,839	226,859	125,654
2002 value of sales:								
Less than \$1,000 (see text) farms	113	113	101	242	156	131	145	173
\$1,000 farms	8	2	4	9	7	2	3	3
\$1,000 to \$2,499 farms	14	24	27	39	21	18	29	44
\$1,000 farms	21	38	49	69	34	27	48	74
\$2,500 to \$4,999 farms	14	19	23	47	29	22	38	32
\$1,000 farms	53	63	87	164	103	88	139	121
\$5,000 to \$9,999 farms	36	34	33	56	12	24	32	35
\$1,000 farms	260	242	226	410	88	177	226	250
\$10,000 to \$19,999 farms	36	50	25	77	39	45	52	68
\$1,000 farms	549	733	400	1,095	558	646	752	975
\$20,000 to \$24,999 farms	19	14	12	36	22	23	20	22
\$1,000 farms	431	292	275	794	494	513	442	496
\$25,000 to \$39,999 farms	44	32	49	64	57	66	56	43
\$1,000 farms	1,399	1,063	1,603	2,101	1,833	2,169	1,783	1,411
\$40,000 to \$49,999 farms	18	25	33	24	34	42	25	28
\$1,000 farms	809	1,091	1,477	1,079	1,524	1,898	1,111	1,237
\$50,000 to \$99,999 farms	73	105	106	109	101	109	114	118
\$1,000 farms	5,227	7,489	8,007	7,899	7,485	7,828	8,554	8,276
\$100,000 to \$249,999 farms	111	152	158	106	147	187	143	137
\$1,000 farms	19,760	24,600	26,063	17,171	22,624	30,728	23,982	22,367
\$250,000 to \$499,999 farms	51	117	89	48	84	96	91	81
\$1,000 farms	17,593	39,425	30,265	17,158	30,076	32,382	31,035	29,069
\$500,000 or more farms	18	42	68	37	95	64	84	47
\$1,000 farms	16,362	45,030	71,887	63,236	170,074	65,131	183,894	46,912
1997 value of sales:								
Less than \$1,000 (see text) farms	69	46	34	145	44	61	54	117
\$1,000 farms	8	8	5	13	5	3	7	12
\$1,000 to \$2,499 farms	22	36	30	44	30	32	43	42
\$1,000 farms	37	62	47	79	49	56	72	82
\$2,500 to \$4,999 farms	22	28	29	54	31	30	38	35
\$1,000 farms	75	110	107	196	113	117	140	129
\$5,000 to \$9,999 farms	34	37	27	90	27	37	43	49
\$1,000 farms	261	271	193	650	195	271	301	368
\$10,000 to \$19,999 farms	39	46	34	101	50	33	69	70
\$1,000 farms	553	675	490	1,489	730	456	996	994
\$20,000 to \$24,999 farms	18	25	17	27	19	35	35	24
\$1,000 farms	409	561	393	611	424	787	779	522
\$25,000 to \$39,999 farms	44	53	51	84	64	61	61	83
\$1,000 farms	1,341	1,723	1,580	2,698	2,082	2,026	1,943	2,659
\$40,000 to \$49,999 farms	26	42	34	43	46	41	20	32
\$1,000 farms	1,150	1,894	1,560	1,932	2,021	1,848	884	1,437
\$50,000 to \$99,999 farms	84	102	139	110	120	162	153	157
\$1,000 farms	5,948	7,446	9,908	7,733	8,847	11,637	11,279	11,792
\$100,000 to \$249,999 farms	147	244	240	139	215	241	209	203
\$1,000 farms	24,160	39,161	39,708	22,762	34,930	40,083	33,648	32,454
\$250,000 to \$499,999 farms	78	100	95	55	99	119	107	82
\$1,000 farms	26,531	34,528	33,004	18,983	34,256	41,254	37,188	28,199
\$500,000 or more farms	24	43	61	18	87	43	70	44
\$1,000 farms	30,411	38,849	65,080	40,000	147,072	45,413	117,389	39,217
Value of sales by commodity or commodity group:								
Crops, including nursery and greenhouse farms, 2002	405	537	548	514	580	637	607	578
1997	495	684	670	608	713	749	731	732
\$1,000, 2002	49,727	78,470	92,431	51,826	87,729	80,160	81,102	84,811
1997	68,237	89,999	94,697	45,656	98,597	89,380	89,013	86,465
Grains, oilseeds, dry beans, and dry peas farms, 2002	388	514	533	479	545	624	582	545
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	49,288	77,744	91,786	50,296	87,022	79,758	80,056	83,552
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Cotton and cottonseed farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms, 2002	6	-	4	1	7	2	9	9
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	54	-	18	(D)	(D)	(D)	(D)	220
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries farms, 2002	3	2	5	-	2	2	6	7
1997	3	-	1	-	3	4	8	4
\$1,000, 2002	(D)	(D)	(D)	-	(D)	(D)	(D)	342
1997	168	-	(D)	-	(D)	(D)	(D)	(D)
Nursery, greenhouse, floriculture, and sod (see text) farms, 2002	2	4	1	5	7	2	7	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	(D)	235	(D)	257	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops farms, 2002	3	-	2	2	3	-	1	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	7	-	(D)	(D)	(D)	-	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Total sales (see text) . . . . . farms, 2002	857	891	606	618	1,024	1,336	1,212	808
1997	899	915	630	637	1,049	1,368	1,275	828
\$1,000, 2002	78,602	105,236	96,637	111,381	132,994	106,895	148,941	48,558
1997	77,586	96,288	103,706	98,737	106,060	97,720	155,264	58,592
Average per farm . . . . . dollars, 2002	91,717	118,110	159,466	180,229	129,877	80,011	122,889	60,096
1997	86,302	105,232	164,613	146,711	101,105	71,433	121,776	70,763
2002 value of sales:								
Less than \$1,000 (see text) . . . . . farms	253	260	76	121	317	329	225	267
\$1,000	13	6	7	3	10	14	13	14
\$1,000 to \$2,499 . . . . . farms	62	16	14	14	36	60	62	38
\$1,000	94	28	23	24	66	107	99	62
\$2,500 to \$4,999 . . . . . farms	50	26	13	15	32	75	75	59
\$1,000	189	90	48	46	124	278	272	214
\$5,000 to \$9,999 . . . . . farms	46	28	14	16	65	90	60	59
\$1,000	331	210	111	121	473	613	397	442
\$10,000 to \$19,999 . . . . . farms	72	57	32	35	62	147	99	86
\$1,000	1,003	849	475	491	914	2,090	1,434	1,187
\$20,000 to \$24,999 . . . . . farms	20	33	16	21	39	48	37	35
\$1,000	438	740	365	460	869	1,067	817	798
\$25,000 to \$39,999 . . . . . farms	51	68	54	36	69	105	110	48
\$1,000	1,623	2,211	1,773	1,151	2,203	3,354	3,513	1,524
\$40,000 to \$49,999 . . . . . farms	29	38	36	26	39	49	40	19
\$1,000	1,270	1,664	1,613	1,178	1,756	2,196	1,809	850
\$50,000 to \$99,999 . . . . . farms	90	128	103	87	105	157	128	70
\$1,000	6,404	9,647	7,558	5,866	7,376	11,191	8,949	5,349
\$100,000 to \$249,999 . . . . . farms	91	137	119	119	145	170	202	78
\$1,000	14,342	22,316	22,053	19,269	23,081	27,265	33,481	12,550
\$250,000 to \$499,999 . . . . . farms	55	60	75	75	81	72	126	34
\$1,000	19,828	20,864	26,055	26,026	29,354	24,336	43,352	11,981
\$500,000 or more . . . . . farms	38	40	35	53	34	34	48	15
\$1,000	33,067	46,611	36,556	56,748	66,768	34,383	54,805	13,587
1997 value of sales:								
Less than \$1,000 (see text) . . . . . farms	178	147	21	40	225	224	141	198
\$1,000	15	10	(D)	3	13	16	17	14
\$1,000 to \$2,499 . . . . . farms	43	19	21	30	43	61	80	47
\$1,000	70	31	(D)	50	71	100	137	82
\$2,500 to \$4,999 . . . . . farms	69	46	15	28	52	86	73	55
\$1,000	239	161	51	100	181	309	268	211
\$5,000 to \$9,999 . . . . . farms	72	39	19	27	67	132	83	62
\$1,000	520	297	136	206	477	963	580	452
\$10,000 to \$19,999 . . . . . farms	62	66	30	29	83	163	91	96
\$1,000	898	953	435	454	1,210	2,402	1,301	1,315
\$20,000 to \$24,999 . . . . . farms	29	22	12	12	34	54	42	27
\$1,000	647	485	265	260	763	1,218	955	601
\$25,000 to \$39,999 . . . . . farms	76	96	46	68	64	127	80	68
\$1,000	2,501	2,980	1,474	2,155	2,099	4,057	2,605	2,219
\$40,000 to \$49,999 . . . . . farms	38	50	36	35	54	61	51	30
\$1,000	1,711	2,247	1,631	1,559	2,458	2,764	2,300	1,337
\$50,000 to \$99,999 . . . . . farms	112	155	116	123	153	172	196	83
\$1,000	8,062	11,543	8,237	8,964	11,300	12,589	13,576	6,063
\$100,000 to \$249,999 . . . . . farms	132	183	182	159	162	198	270	95
\$1,000	21,839	28,421	29,317	25,045	26,797	30,689	43,985	15,606
\$250,000 to \$499,999 . . . . . farms	59	59	104	82	79	67	128	46
\$1,000	19,840	18,867	36,055	28,612	27,256	23,627	43,691	15,335
\$500,000 or more . . . . . farms	29	33	28	40	33	23	40	21
\$1,000	21,244	30,293	26,070	31,328	33,435	18,986	45,849	15,357
Value of sales by commodity or commodity group:								
Crops, including nursery and greenhouse . . . . . farms, 2002	494	560	498	411	593	665	825	445
1997	602	657	554	531	683	760	952	520
\$1,000, 2002	39,721	54,703	65,807	58,904	89,094	33,269	88,644	26,516
1997	46,833	56,229	75,274	57,524	54,549	27,833	90,770	35,948
Grains, oilseeds, dry beans, and dry peas . . . . . farms, 2002	437	531	482	389	553	593	755	381
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	38,576	51,756	65,430	58,021	87,578	30,451	86,352	25,359
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms, 2002	7	11	3	1	9	11	12	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	57	33	(D)	(D)	138	204	73	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries . . . . . farms, 2002	5	1	-	-	2	14	5	5
1997	5	-	1	3	1	7	8	4
\$1,000, 2002	(D)	(D)	-	-	(D)	(D)	(D)	5
1997	38	-	(D)	(D)	(D)	43	92	10
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms, 2002	5	1	4	2	2	5	8	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	(D)	(D)	(D)	636	46
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops . . . . . farms, 2002	4	1	-	1	1	3	2	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	4	(D)	-	(D)	(D)	4	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Total sales (see text) farms, 2002	1,261	1,024	1,093	1,340	945	1,445	601	747
1997	1,369	1,100	1,035	1,468	932	1,608	639	771
\$1,000, 2002	104,626	119,470	98,841	261,017	65,581	105,355	70,322	26,840
1997	100,755	140,031	97,367	248,373	78,831	115,381	82,278	29,871
Average per farm dollars, 2002	82,971	116,670	90,431	194,789	69,398	72,910	117,008	35,930
1997	73,597	127,301	94,075	169,192	84,583	71,754	128,760	38,744
2002 value of sales:								
Less than \$1,000 (see text) farms	303	232	353	169	281	319	159	254
\$1,000	18	11	12	5	13	22	4	17
\$1,000 to \$2,499 farms	53	31	48	26	61	109	29	53
\$1,000	89	49	88	47	100	181	49	96
\$2,500 to \$4,999 farms	68	45	39	10	72	98	27	51
\$1,000	264	150	138	37	255	351	96	(D)
\$5,000 to \$9,999 farms	72	42	69	36	81	97	30	76
\$1,000	526	312	502	266	585	678	212	567
\$10,000 to \$19,999 farms	115	72	86	59	78	150	20	79
\$1,000	1,692	1,085	1,246	885	1,132	2,173	277	1,118
\$20,000 to \$24,999 farms	27	35	28	38	34	56	16	28
\$1,000	610	792	626	840	767	1,243	353	634
\$25,000 to \$39,999 farms	99	75	64	101	47	132	46	55
\$1,000	3,201	2,429	2,003	3,340	1,505	4,149	1,419	1,756
\$40,000 to \$49,999 farms	58	39	28	88	22	60	19	18
\$1,000	2,575	1,739	1,246	3,889	965	2,713	819	792
\$50,000 to \$99,999 farms	191	122	108	212	104	151	80	82
\$1,000	13,804	8,990	7,545	15,809	7,402	10,845	5,629	5,598
\$100,000 to \$249,999 farms	181	190	158	319	97	164	96	30
\$1,000	28,469	30,475	25,531	51,688	15,622	25,062	15,425	4,615
\$250,000 to \$499,999 farms	57	99	67	81	42	52	17	17
\$1,000	20,319	35,892	23,251	58,677	14,909	28,702	18,108	6,220
\$500,000 or more farms	37	42	45	113	26	28	27	4
\$1,000	33,059	37,547	36,652	125,533	22,325	29,236	27,930	(D)
1997 value of sales:								
Less than \$1,000 (see text) farms	261	118	222	65	183	287	121	156
\$1,000	26	8	11	7	8	30	10	12
\$1,000 to \$2,499 farms	98	61	47	36	70	137	43	62
\$1,000	168	105	89	68	119	229	69	104
\$2,500 to \$4,999 farms	91	45	65	14	71	132	29	85
\$1,000	318	168	241	55	251	473	106	310
\$5,000 to \$9,999 farms	95	61	61	36	80	136	35	98
\$1,000	688	430	430	259	576	964	247	714
\$10,000 to \$19,999 farms	125	80	103	75	82	153	36	79
\$1,000	1,797	1,144	1,475	1,093	1,137	2,227	546	1,056
\$20,000 to \$24,999 farms	41	41	25	44	40	55	17	40
\$1,000	931	910	559	992	881	1,222	365	900
\$25,000 to \$39,999 farms	102	93	74	94	67	130	42	73
\$1,000	3,236	2,984	2,395	3,049	2,087	4,167	1,385	2,306
\$40,000 to \$49,999 farms	60	50	32	92	39	74	35	30
\$1,000	2,744	2,236	1,436	4,118	1,788	3,292	1,521	1,363
\$50,000 to \$99,999 farms	193	176	134	278	84	194	93	74
\$1,000	13,849	12,507	9,864	20,193	5,835	14,284	6,817	5,336
\$100,000 to \$249,999 farms	197	214	163	459	126	194	112	49
\$1,000	31,179	35,308	25,939	74,274	21,246	30,791	17,753	7,295
\$250,000 to \$499,999 farms	78	108	76	188	62	87	53	20
\$1,000	27,073	37,675	26,522	63,572	20,691	30,690	17,450	6,904
\$500,000 or more farms	28	53	33	87	28	29	23	5
\$1,000	18,747	46,555	28,406	80,693	24,211	27,012	36,009	3,572
Value of sales by commodity or commodity group:								
Crops, including nursery and greenhouse farms, 2002	813	681	627	1,076	561	958	394	324
1997	912	779	669	1,295	601	1,108	456	403
\$1,000, 2002	56,728	57,708	50,478	145,372	38,106	73,348	42,852	11,125
1997	51,538	62,530	52,345	159,129	43,200	77,083	43,565	13,789
Grains, oilseeds, dry beans, and dry peas farms, 2002	698	631	590	1,056	479	826	362	225
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	52,800	56,050	49,472	142,723	34,181	68,545	38,768	9,018
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Cotton and cottonseed farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms, 2002	22	2	5	19	8	29	13	9
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	25	2,236	97	734	3,433	258
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries farms, 2002	23	-	1	1	10	23	4	3
1997	20	1	-	2	6	10	5	1
\$1,000, 2002	322	-	(D)	(D)	117	241	(D)	(D)
1997	166	(D)	-	(D)	57	(D)	24	(D)
Nursery, greenhouse, floriculture, and sod (see text) farms, 2002	21	3	2	2	8	20	3	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,401	(D)	(D)	(D)	2,663	2,364	(D)	337
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops farms, 2002	9	5	1	1	1	6	2	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	54	(D)	(D)	(D)	48	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Total sales (see text) farms, 2002	1,045	990	1,043	1,051	848	462	828	625
1997	1,201	1,064	1,083	1,059	979	535	871	740
\$1,000, 2002	247,896	70,502	132,748	68,462	132,095	48,118	154,588	105,085
1997	201,424	74,280	157,351	74,012	119,998	62,749	162,240	105,292
Average per farm dollars, 2002	237,221	71,215	127,275	65,140	155,772	104,151	186,700	168,136
1997	167,714	69,812	145,292	69,888	122,572	117,287	186,268	142,286
2002 value of sales:								
Less than \$1,000 (see text) farms	52	257	280	338	181	77	142	87
\$1,000	4	29	9	22	8	7	5	3
\$1,000 to \$2,499 farms	25	75	36	81	35	15	34	10
\$1,000	44	123	62	135	61	23	58	17
\$2,500 to \$4,999 farms	28	71	46	73	43	20	19	24
\$1,000	104	259	176	267	161	69	72	88
\$5,000 to \$9,999 farms	41	84	55	74	47	20	28	29
\$1,000	305	594	391	518	354	146	199	219
\$10,000 to \$19,999 farms	70	117	85	104	58	30	50	43
\$1,000	1,075	1,655	1,278	1,471	854	444	741	624
\$20,000 to \$24,999 farms	32	37	28	30	21	18	27	14
\$1,000	693	823	640	660	460	416	607	314
\$25,000 to \$39,999 farms	71	76	56	55	44	36	53	46
\$1,000	2,337	2,353	1,826	1,697	1,442	1,173	1,698	1,500
\$40,000 to \$49,999 farms	39	32	23	29	29	10	29	28
\$1,000	1,757	1,449	1,067	957	1,293	445	1,247	1,249
\$50,000 to \$99,999 farms	182	107	138	104	98	79	86	100
\$1,000	13,142	7,485	9,902	7,440	6,946	5,849	6,159	7,176
\$100,000 to \$249,999 farms	236	86	162	108	135	107	182	128
\$1,000	37,599	14,021	26,890	17,881	22,122	17,317	30,325	20,294
\$250,000 to \$499,999 farms	151	26	79	39	103	37	101	71
\$1,000	52,615	8,871	26,587	13,519	36,321	11,383	33,504	24,679
\$500,000 or more farms	118	22	55	23	54	13	77	45
\$1,000	138,220	32,842	63,920	23,896	62,074	10,845	79,973	48,921
1997 value of sales:								
Less than \$1,000 (see text) farms	62	173	191	241	138	48	67	71
\$1,000	4	18	8	19	12	4	10	3
\$1,000 to \$2,499 farms	41	87	33	80	50	34	37	20
\$1,000	68	149	58	129	84	59	61	34
\$2,500 to \$4,999 farms	36	95	48	72	58	33	41	19
\$1,000	126	343	170	259	217	122	146	72
\$5,000 to \$9,999 farms	44	134	74	105	58	30	35	51
\$1,000	333	965	524	769	431	221	251	366
\$10,000 to \$19,999 farms	62	119	83	115	72	32	45	63
\$1,000	926	1,727	1,246	1,694	1,092	504	645	923
\$20,000 to \$24,999 farms	57	47	43	37	22	11	20	21
\$1,000	1,290	1,047	962	817	502	246	411	470
\$25,000 to \$39,999 farms	101	93	66	66	77	40	74	61
\$1,000	3,226	2,864	2,076	2,110	2,429	1,248	2,414	2,026
\$40,000 to \$49,999 farms	73	36	50	29	42	27	46	29
\$1,000	3,232	1,600	2,289	1,317	1,893	1,196	2,004	1,287
\$50,000 to \$99,999 farms	199	125	143	109	137	61	128	113
\$1,000	14,261	8,846	10,708	7,813	9,742	4,477	9,390	8,310
\$100,000 to \$249,999 farms	320	108	197	137	169	140	201	169
\$1,000	51,414	16,215	31,880	21,546	27,918	22,035	33,763	26,809
\$250,000 to \$499,999 farms	122	27	103	47	119	66	105	82
\$1,000	41,581	9,523	35,670	16,357	41,437	22,166	36,323	27,526
\$500,000 or more farms	84	20	52	21	37	13	72	41
\$1,000	84,964	30,983	71,760	21,181	34,242	10,471	76,791	37,467
Value of sales by commodity or commodity group:								
Crops, including nursery and greenhouse farms, 2002	822	583	673	622	593	357	601	489
1997	942	704	756	666	724	426	688	582
\$1,000, 2002	67,239	33,327	55,802	46,133	85,597	42,609	62,431	70,875
1997	72,118	36,431	60,422	45,349	81,561	53,290	62,995	70,783
Grains, oilseeds, dry beans, and dry peas farms, 2002	799	469	637	513	554	325	567	462
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	66,024	30,672	54,827	39,812	79,926	42,105	61,284	69,974
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Cotton and cottonseed farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms, 2002	3	8	5	7	12	6	20	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	109	(D)	(D)	236	(D)	274	76
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries farms, 2002	1	5	-	2	4	4	9	3
1997	1	2	-	3	3	-	7	1
\$1,000, 2002	(D)	42	(D)	(D)	35	(D)	24	(D)
1997	(D)	(D)	-	(D)	(D)	-	17	(D)
Nursery, greenhouse, floriculture, and sod (see text) farms, 2002	1	12	4	5	5	3	13	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	247	4,651	(D)	164	222	222	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops farms, 2002	-	6	2	2	2	1	3	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	88	(D)	(D)	(D)	(D)	11	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Total sales (see text) farms, 2002	714	583	816	993	636	873	783	1,339
1997	739	616	844	1,011	677	902	831	1,566
\$1,000, 2002	40,933	82,529	72,148	204,312	162,708	69,151	191,107	278,393
1997	40,360	83,963	75,947	185,038	142,291	80,906	158,615	242,384
Average per farm dollars, 2002	57,329	141,559	88,416	205,752	255,830	79,211	244,070	207,911
1997	54,615	136,303	89,985	183,025	210,179	89,696	190,873	154,779
2002 value of sales:								
Less than \$1,000 (see text) farms	184	139	201	78	98	192	152	153
\$1,000	8	6	11	3	2	13	3	7
\$1,000 to \$2,499 farms	33	14	42	13	8	28	13	33
\$1,000	49	20	67	22	17	52	22	56
\$2,500 to \$4,999 farms	52	19	49	20	7	33	14	37
\$1,000	187	77	169	72	25	116	44	139
\$5,000 to \$9,999 farms	86	42	59	32	14	57	25	57
\$1,000	628	314	406	246	102	392	173	397
\$10,000 to \$19,999 farms	87	40	37	50	24	78	40	83
\$1,000	1,234	554	537	775	334	1,194	582	1,211
\$20,000 to \$24,999 farms	28	20	20	27	16	33	25	32
\$1,000	633	449	458	598	353	740	562	687
\$25,000 to \$39,999 farms	51	44	51	98	50	87	50	90
\$1,000	1,629	1,391	1,632	3,162	1,585	2,795	1,580	2,857
\$40,000 to \$49,999 farms	23	17	47	47	33	29	30	76
\$1,000	1,031	738	2,318	2,082	1,485	1,274	1,350	3,393
\$50,000 to \$99,999 farms	85	76	106	174	107	133	114	194
\$1,000	6,145	5,454	7,757	12,252	7,905	9,926	8,566	13,984
\$100,000 to \$249,999 farms	46	103	117	228	134	136	162	312
\$1,000	6,284	16,595	18,180	37,891	21,855	21,265	27,014	49,931
\$250,000 to \$499,999 farms	27	43	56	126	70	53	85	129
\$1,000	9,090	14,309	19,645	43,756	23,506	19,241	29,683	43,916
\$500,000 or more farms	12	26	25	100	75	14	73	143
\$1,000	14,016	42,622	20,968	103,453	105,538	12,141	121,528	161,816
1997 value of sales:								
Less than \$1,000 (see text) farms	89	89	132	13	19	131	67	136
\$1,000	8	4	12	(D)	2	9	(D)	8
\$1,000 to \$2,499 farms	54	28	52	19	24	50	35	69
\$1,000	94	52	85	(D)	34	85	(D)	116
\$2,500 to \$4,999 farms	67	39	61	13	12	42	23	61
\$1,000	249	142	221	51	40	163	91	230
\$5,000 to \$9,999 farms	103	33	57	27	19	56	23	77
\$1,000	757	258	388	189	143	382	166	566
\$10,000 to \$19,999 farms	108	49	65	50	30	77	28	110
\$1,000	1,590	695	923	725	449	1,170	417	1,663
\$20,000 to \$24,999 farms	41	24	29	31	25	40	32	49
\$1,000	888	527	639	690	571	901	705	1,088
\$25,000 to \$39,999 farms	62	43	78	69	71	90	61	102
\$1,000	2,030	1,411	2,443	2,182	2,296	2,869	1,966	3,288
\$40,000 to \$49,999 farms	46	18	33	50	34	40	33	67
\$1,000	2,069	811	1,461	2,270	1,521	1,800	1,490	2,991
\$50,000 to \$99,999 farms	84	92	126	231	132	116	137	278
\$1,000	5,825	6,606	8,956	17,108	9,563	8,438	10,139	20,724
\$100,000 to \$249,999 farms	63	129	129	292	175	176	248	355
\$1,000	10,069	21,189	21,146	47,012	28,010	27,593	41,339	57,233
\$250,000 to \$499,999 farms	14	53	55	142	73	68	97	164
\$1,000	4,281	17,575	18,417	48,020	24,567	23,272	33,324	56,163
\$500,000 or more farms	8	19	27	74	63	16	47	98
\$1,000	12,500	34,696	21,256	66,764	75,095	14,225	68,912	98,314
Value of sales by commodity or commodity group:								
Crops, including nursery and greenhouse farms, 2002	395	382	548	818	490	612	586	1,068
1997	475	455	594	889	580	641	695	1,214
\$1,000, 2002	15,040	49,292	51,050	82,644	57,037	42,768	75,078	106,333
1997	15,364	48,360	49,226	92,076	57,875	53,598	84,539	101,904
Grains, oilseeds, dry beans, and dry peas farms, 2002	293	360	493	792	488	566	574	1,016
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	13,025	(D)	48,893	81,561	(D)	40,190	73,789	105,148
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Cotton and cottonseed farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms, 2002	2	-	17	4	-	6	8	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	-	695	8	-	(D)	791	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries farms, 2002	2	1	7	1	-	2	1	2
1997	4	-	6	1	-	-	-	4
\$1,000, 2002	(D)	(D)	28	(D)	-	(D)	(D)	(D)
1997	(D)	-	(D)	(D)	-	-	-	74
Nursery, greenhouse, floriculture, and sod (see text) farms, 2002	2	2	11	5	1	8	3	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	489	28	(D)	1,768	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops farms, 2002	2	-	3	1	-	-	4	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	-	8	(D)	-	-	6	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Total sales (see text) farms, 2002	730	764	1,255	925	758	791	750	868
1997	810	886	1,416	1,005	728	847	845	963
\$1,000, 2002	142,119	68,517	163,267	111,061	51,519	183,349	95,715	123,917
1997	143,079	74,205	196,257	109,430	49,689	193,395	96,554	135,512
Average per farm dollars, 2002	194,684	89,682	130,093	120,066	67,967	231,793	127,620	142,761
1997	176,641	83,752	138,600	108,886	68,254	228,330	114,265	140,719
2002 value of sales:								
Less than \$1,000 (see text) farms	82	172	237	262	238	73	106	103
\$1,000 farms	3	7	15	8	7	5	5	3
\$1,000 to \$2,499 farms	14	60	57	27	41	18	29	17
\$1,000 farms	25	97	92	50	70	27	48	26
\$2,500 to \$4,999 farms	18	74	55	40	32	15	22	18
\$1,000 farms	72	269	205	146	120	55	85	68
\$5,000 to \$9,999 farms	14	57	88	48	57	36	50	25
\$1,000 farms	100	418	670	331	416	252	356	180
\$10,000 to \$19,999 farms	27	65	89	48	101	49	48	52
\$1,000 farms	393	942	1,307	669	1,453	760	709	792
\$20,000 to \$24,999 farms	18	15	39	20	41	30	28	26
\$1,000 farms	390	332	849	440	916	666	616	584
\$25,000 to \$39,999 farms	60	52	78	80	48	64	60	56
\$1,000 farms	1,890	1,634	2,516	2,564	1,525	1,981	1,859	1,809
\$40,000 to \$49,999 farms	34	24	51	26	22	44	38	52
\$1,000 farms	1,505	1,100	2,280	1,139	974	1,963	1,665	2,310
\$50,000 to \$99,999 farms	105	88	136	109	75	108	132	160
\$1,000 farms	7,887	6,161	10,001	7,919	5,462	7,773	9,383	11,981
\$100,000 to \$249,999 farms	189	77	238	152	48	183	130	227
\$1,000 farms	31,525	12,751	39,227	25,213	7,950	29,583	20,310	36,996
\$250,000 to \$499,999 farms	120	40	128	83	91	68	68	95
\$1,000 farms	40,068	14,400	43,874	28,301	14,132	32,516	24,819	31,378
\$500,000 or more farms	49	40	59	30	13	80	39	37
\$1,000 farms	58,261	30,407	62,230	44,283	18,495	107,767	35,861	37,790
1997 value of sales:								
Less than \$1,000 (see text) farms	25	180	126	217	168	26	69	38
\$1,000 farms	2	23	20	12	10	4	9	7
\$1,000 to \$2,499 farms	13	95	83	41	41	40	50	36
\$1,000 farms	21	152	140	72	72	68	89	60
\$2,500 to \$4,999 farms	15	58	64	39	39	19	53	23
\$1,000 farms	50	212	228	143	145	66	185	84
\$5,000 to \$9,999 farms	14	76	102	59	71	24	63	36
\$1,000 farms	113	535	737	418	516	172	431	250
\$10,000 to \$19,999 farms	36	61	99	71	93	56	59	59
\$1,000 farms	499	896	1,453	1,083	1,337	815	839	861
\$20,000 to \$24,999 farms	30	16	39	33	41	20	32	26
\$1,000 farms	665	355	874	723	897	442	701	587
\$25,000 to \$39,999 farms	68	58	99	72	57	64	62	82
\$1,000 farms	2,178	1,831	3,204	2,344	1,816	2,076	1,919	2,752
\$40,000 to \$49,999 farms	32	36	69	37	19	46	53	55
\$1,000 farms	1,438	1,591	3,119	1,637	860	2,055	2,358	2,508
\$50,000 to \$99,999 farms	130	107	200	134	102	148	127	207
\$1,000 farms	9,581	7,650	14,647	9,791	7,176	10,862	8,984	14,992
\$100,000 to \$249,999 farms	269	114	315	194	61	224	175	265
\$1,000 farms	44,596	18,605	51,819	31,753	8,839	36,084	26,999	43,377
\$250,000 to \$499,999 farms	134	49	162	81	25	104	62	108
\$1,000 farms	44,091	17,774	55,050	27,582	9,047	37,813	22,061	36,498
\$500,000 or more farms	44	36	58	27	11	76	40	28
\$1,000 farms	39,844	24,582	64,965	33,873	18,972	102,938	31,979	33,538
Value of sales by commodity or commodity group:								
Crops, including nursery and greenhouse farms, 2002	623	506	902	591	371	646	595	691
1997	765	636	1,109	681	428	714	683	821
\$1,000, 2002	86,978	59,131	106,911	66,793	18,120	81,291	63,660	74,251
1997	103,754	64,386	129,415	65,747	19,271	84,908	63,587	78,218
Grains, oilseeds, dry beans, and dry peas farms, 2002	615	414	832	541	308	618	540	668
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	86,621	50,954	103,788	62,734	16,055	79,928	59,857	73,004
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Cotton and cottonseed farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms, 2002	-	15	11	7	6	4	12	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	377	123	(D)	61	(D)	166	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries farms, 2002	-	8	6	4	4	3	5	3
1997	-	11	4	2	3	2	9	1
\$1,000, 2002	-	99	(D)	(D)	(D)	(D)	(D)	(D)
1997	-	378	129	(D)	(D)	(D)	42	(D)
Nursery, greenhouse, floriculture, and sod (see text) farms, 2002	2	38	12	3	1	9	21	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	6,505	1,597	(D)	(D)	(D)	2,855	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops farms, 2002	2	12	4	2	-	1	-	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	130	(D)	(D)	-	(D)	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Total sales (see text) farms, 2002	1,673	977	1,159	794	698	870	845	1,338
1997	1,819	1,004	1,227	807	726	875	863	1,329
\$1,000, 2002	616,854	118,730	128,028	60,210	62,890	47,872	37,826	53,441
1997	511,743	135,320	130,061	62,701	40,088	43,154	45,811	62,267
Average per farm dollars, 2002	368,711	121,525	110,464	75,831	90,100	55,026	44,765	39,941
1997	281,332	134,780	106,000	77,696	55,218	49,319	53,083	46,853
2002 value of sales:								
Less than \$1,000 (see text) farms	109	174	227	248	186	273	269	440
\$1,000 farms	3	12	6	8	11	19	17	33
\$1,000 to \$2,499 farms	49	40	41	22	41	54	66	121
\$1,000 farms	77	65	65	38	68	88	104	187
\$2,500 to \$4,999 farms	28	49	41	31	39	60	73	99
\$1,000 farms	97	180	154	115	137	204	265	351
\$5,000 to \$9,999 farms	39	50	61	74	52	95	101	153
\$1,000 farms	292	358	466	542	376	696	726	1,079
\$10,000 to \$19,999 farms	85	86	100	75	78	78	77	133
\$1,000 farms	1,231	1,265	1,487	1,094	1,145	1,132	1,094	1,838
\$20,000 to \$24,999 farms	36	28	35	28	30	37	22	41
\$1,000 farms	789	624	793	616	643	803	493	903
\$25,000 to \$39,999 farms	129	74	77	74	49	84	51	90
\$1,000 farms	4,213	2,401	2,414	2,303	1,543	2,652	1,603	2,904
\$40,000 to \$49,999 farms	63	49	46	50	22	28	26	35
\$1,000 farms	2,812	2,249	2,063	2,224	972	1,231	1,194	1,544
\$50,000 to \$99,999 farms	261	137	164	58	71	66	54	90
\$1,000 farms	18,493	9,712	11,931	4,172	4,757	4,712	3,844	6,365
\$100,000 to \$249,999 farms	339	140	213	81	74	64	68	87
\$1,000 farms	55,697	22,680	35,223	12,866	12,122	10,555	11,386	14,122
\$250,000 to \$499,999 farms	257	104	108	38	33	18	27	33
\$1,000 farms	93,439	35,968	37,664	12,464	10,681	6,700	8,716	11,566
\$500,000 or more farms	278	46	46	15	23	13	11	16
\$1,000 farms	439,711	43,217	35,762	23,748	30,435	19,080	8,385	12,548
1997 value of sales:								
Less than \$1,000 (see text) farms	59	89	158	172	138	191	205	257
\$1,000 farms	12	17	10	8	13	16	19	39
\$1,000 to \$2,499 farms	59	54	60	30	49	70	81	152
\$1,000 farms	97	89	98	46	77	120	136	264
\$2,500 to \$4,999 farms	43	48	76	46	64	75	91	139
\$1,000 farms	155	189	268	178	227	264	315	518
\$5,000 to \$9,999 farms	52	61	78	62	64	91	120	174
\$1,000 farms	379	422	566	453	470	651	819	1,263
\$10,000 to \$19,999 farms	100	76	99	104	97	121	77	166
\$1,000 farms	1,525	1,092	1,414	1,471	1,323	1,720	1,091	2,343
\$20,000 to \$24,999 farms	59	46	41	45	28	22	29	48
\$1,000 farms	1,307	1,034	906	1,006	632	498	654	1,081
\$25,000 to \$39,999 farms	128	73	100	70	60	67	51	84
\$1,000 farms	4,093	2,359	3,240	2,236	1,954	2,091	1,595	2,701
\$40,000 to \$49,999 farms	95	45	48	38	31	33	23	41
\$1,000 farms	4,210	2,030	2,140	1,666	1,358	1,484	1,052	1,832
\$50,000 to \$99,999 farms	285	159	185	113	87	89	57	110
\$1,000 farms	20,309	10,867	13,347	8,163	6,309	6,479	4,086	7,579
\$100,000 to \$249,999 farms	436	190	240	80	70	74	78	100
\$1,000 farms	71,122	31,611	38,519	12,062	11,057	11,576	13,041	16,135
\$250,000 to \$499,999 farms	251	114	110	37	26	34	36	37
\$1,000 farms	88,974	40,347	36,359	12,619	8,283	11,551	12,726	12,275
\$500,000 or more farms	252	49	32	10	12	8	15	21
\$1,000 farms	319,561	45,262	33,196	22,792	8,385	6,705	10,277	16,236
Value of sales by commodity or commodity group:								
Crops, including nursery and greenhouse farms, 2002	1,240	730	818	434	386	464	467	715
1997	1,382	826	907	525	445	523	503	842
\$1,000, 2002	108,582	92,488	96,665	30,805	23,118	20,361	25,000	34,776
1997	111,854	97,527	88,725	30,989	20,934	25,159	30,086	40,654
Grains, oilseeds, dry beans, and dry peas farms, 2002	1,205	673	759	393	334	375	327	518
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	103,185	89,641	94,563	29,529	21,602	19,080	23,133	32,374
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Cotton and cottonseed farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes farms, 2002	11	19	10	6	-	12	7	22
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	104	(D)	74	(D)	-	62	(D)	307
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries farms, 2002	1	11	6	1	1	3	5	9
1997	2	7	2	4	-	5	1	9
\$1,000, 2002	(D)	(D)	120	(D)	(D)	(D)	(D)	419
1997	(D)	(D)	(D)	(D)	-	10	(D)	(D)
Nursery, greenhouse, floriculture, and sod (see text) farms, 2002	5	9	1	-	1	3	6	9
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	1,526	(D)	-	(D)	65	531	101
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops farms, 2002	1	6	2	-	3	2	8	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	35	(D)	-	(D)	(D)	22	28
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total sales (see text) . . . . . farms, 2002	1,200	788	932	631	1,501	1,148	588	752
1997	1,114	783	988	654	1,561	1,418	649	759
\$1,000, 2002	174,819	41,250	153,972	97,828	148,428	142,345	67,838	225,747
1997	172,951	37,265	170,726	81,723	132,220	155,092	78,863	179,262
Average per farm . . . . . dollars, 2002	145,682	52,348	165,206	155,036	98,886	123,994	115,372	300,196
1997	155,252	47,593	172,800	124,959	84,702	109,374	121,515	236,182
2002 value of sales:								
Less than \$1,000 (see text) . . . . . farms	311	246	156	178	404	293	142	143
\$1,000	17	10	5	6	18	7	6	4
\$1,000 to \$2,499 . . . . . farms	48	31	27	23	60	61	21	27
\$1,000	81	51	44	41	107	96	34	42
\$2,500 to \$4,999 . . . . . farms	44	50	29	12	65	45	18	14
\$1,000	160	180	103	44	243	169	71	51
\$5,000 to \$9,999 . . . . . farms	61	62	27	16	65	70	21	20
\$1,000	441	462	181	121	449	511	165	140
\$10,000 to \$19,999 . . . . . farms	48	75	43	28	99	68	29	31
\$1,000	703	1,014	638	432	1,431	993	421	443
\$20,000 to \$24,999 . . . . . farms	34	33	21	16	46	31	9	16
\$1,000	772	740	458	345	1,029	684	199	357
\$25,000 to \$39,999 . . . . . farms	74	82	70	35	103	78	36	50
\$1,000	2,414	2,616	2,206	1,051	3,378	2,485	1,134	1,625
\$40,000 to \$49,999 . . . . . farms	49	28	58	24	57	51	22	34
\$1,000	2,183	1,237	2,580	1,072	2,532	2,243	995	1,533
\$50,000 to \$99,999 . . . . . farms	151	75	133	90	190	141	80	112
\$1,000	10,875	5,119	9,833	6,642	13,745	10,136	5,572	8,514
\$100,000 to \$249,999 . . . . . farms	196	67	188	112	259	169	119	155
\$1,000	31,246	10,984	30,608	18,199	42,400	27,715	20,906	25,897
\$250,000 to \$499,999 . . . . . farms	96	27	123	72	96	80	30	114
\$1,000	32,400	8,953	43,384	24,791	33,425	28,589	27,546	39,976
\$500,000 or more . . . . . farms	88	12	57	25	57	61	11	36
\$1,000	93,526	9,883	63,931	45,083	49,580	68,718	10,788	147,165
1997 value of sales:								
Less than \$1,000 (see text) . . . . . farms	153	133	38	91	293	235	88	50
\$1,000	10	13	5	7	20	13	5	5
\$1,000 to \$2,499 . . . . . farms	44	48	39	30	94	75	39	22
\$1,000	74	86	64	57	157	126	69	40
\$2,500 to \$4,999 . . . . . farms	49	60	44	22	61	80	21	29
\$1,000	173	206	161	73	212	293	74	107
\$5,000 to \$9,999 . . . . . farms	55	79	34	24	91	97	18	24
\$1,000	407	589	248	182	666	679	127	175
\$10,000 to \$19,999 . . . . . farms	65	99	57	43	118	109	38	39
\$1,000	919	1,415	838	627	1,672	1,591	547	585
\$20,000 to \$24,999 . . . . . farms	23	36	35	14	57	58	16	29
\$1,000	524	815	780	318	1,277	1,265	354	664
\$25,000 to \$39,999 . . . . . farms	89	92	55	53	134	109	54	37
\$1,000	2,906	2,908	1,777	1,716	4,350	3,567	1,728	1,171
\$40,000 to \$49,999 . . . . . farms	42	46	54	32	55	55	29	26
\$1,000	1,869	2,078	2,426	1,428	2,444	2,427	1,293	1,187
\$50,000 to \$99,999 . . . . . farms	186	84	199	77	245	188	81	120
\$1,000	13,555	5,945	14,794	5,643	17,754	13,791	5,796	8,871
\$100,000 to \$249,999 . . . . . farms	217	78	248	163	289	256	158	215
\$1,000	35,105	12,391	41,530	27,290	45,164	41,516	26,324	35,291
\$250,000 to \$499,999 . . . . . farms	108	25	131	87	86	110	90	128
\$1,000	38,049	8,474	46,257	30,735	29,514	37,334	29,988	44,531
\$500,000 or more . . . . . farms	83	3	54	18	38	46	17	40
\$1,000	79,360	2,345	61,848	13,648	28,989	52,490	12,558	86,637
Value of sales by commodity or commodity group:								
Crops, including nursery and greenhouse . . . . . farms, 2002	739	389	732	418	855	703	413	567
1997	794	477	855	506	977	967	486	650
\$1,000, 2002	60,694	24,120	106,886	54,922	49,336	82,342	52,889	87,751
1997	58,668	22,165	117,450	66,937	43,765	92,880	59,828	99,999
Grains, oilseeds, dry beans, and dry peas . . . . . farms, 2002	680	308	694	395	784	646	391	552
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	59,220	21,975	105,589	54,381	45,816	79,729	52,180	87,511
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Cotton and cottonseed . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
\$1,000, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes . . . . . farms, 2002	18	2	12	5	15	8	5	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	59	(D)	(D)	(D)	228	275	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fruits, tree nuts, and berries . . . . . farms, 2002	10	-	3	2	9	4	1	-
1997	2	-	2	5	1	4	2	-
\$1,000, 2002	33	-	(D)	(D)	(D)	(D)	(D)	-
1997	(D)	-	(D)	3	(D)	(D)	(D)	-
Nursery, greenhouse, floriculture, and sod (see text) . . . . . farms, 2002	6	2	5	3	8	11	3	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	463	(D)	450	(D)	290	1,057	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut Christmas trees and short-rotation woody crops . . . . . farms, 2002	3	-	-	-	8	1	-	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	10	-	-	-	(D)	(D)	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Total sales (see text) - Con.							
Value of sales by commodity or commodity group - Con.							
Crops, including nursery and greenhouse - Con.							
Other crops and hay (see text) . . . . . farms, 2002	12,703	135	77	192	172	97	165
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	109,695	(D)	(D)	(D)	2,000	991	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	40,829	482	270	565	465	305	518
1997	53,697	579	391	736	605	413	716
\$1,000, 2002	6,202,362	39,584	22,595	62,517	12,314	65,964	52,653
1997	5,780,489	40,112	24,432	59,464	13,763	61,714	55,174
Poultry and eggs . . . . . farms, 2002	1,572	14	12	6	7	12	22
1997	1,706	12	9	8	18	15	28
\$1,000, 2002	511,949	(D)	2,382	(D)	(Z)	(D)	(D)
1997	414,587	(D)	1,041	60	3	(D)	(D)
Cattle and calves . . . . . farms, 2002	29,515	427	249	501	426	213	381
1997	39,728	524	370	671	569	286	526
\$1,000, 2002	2,119,935	26,272	14,185	19,383	11,031	23,613	19,943
1997	1,886,416	25,128	13,571	15,955	11,971	23,815	25,310
Milk and other dairy products from cows . . . . . farms, 2002	2,913	12	8	162	11	3	26
1997	3,979	9	4	234	10	5	27
\$1,000, 2002	442,431	712	387	26,822	555	97	(D)
1997	407,897	465	203	28,396	594	102	3,928
Hogs and pigs . . . . . farms, 2002	11,275	70	24	67	14	102	130
1997	18,718	135	64	145	26	66	256
\$1,000, 2002	3,078,455	(D)	5,567	15,567	207	41,855	16,635
1997	3,012,764	6,638	9,517	14,259	913	36,473	22,803
Sheep, goats, and their products . . . . . farms, 2002	3,842	42	18	27	31	20	64
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	23,366	217	55	32	(D)	(D)	268
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	2,845	28	6	33	25	16	30
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	13,643	182	20	218	97	123	107
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	47	-	-	-	2	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	2,308	-	-	-	(D)	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	563	4	-	11	4	4	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	10,276	17	-	(D)	2	62	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002							
1997	2,455	21	15	28	12	14	49
\$1,000, 2002	2,313	17	9	22	8	19	52
1997	11,651	138	127	329	56	61	251
Value of certified organically produced commodities (see text) . . . . . farms, 2002	7,686	23	7	164	8	31	81
1997	402	5	2	11	2	5	9
\$1,000, 2002	13,333	(D)	(D)	1,044	(D)	145	69
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Total sales (see text) - Con.							
Value of sales by commodity or commodity group - Con.							
Crops, including nursery and greenhouse - Con.							
Other crops and hay (see text) . . . . . farms, 2002	102	139	130	137	69	125	71
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	568	991	(D)	864	304	550	286
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	357	276	437	508	355	432	247
1997	486	398	583	719	484	613	352
\$1,000, 2002	44,686	30,311	45,406	57,676	133,387	60,009	57,983
1997	50,874	34,493	46,050	58,402	118,917	57,832	50,522
Poultry and eggs . . . . . farms, 2002	18	18	20	46	17	14	8
1997	33	17	26	35	32	28	14
\$1,000, 2002	(D)	(D)	(D)	1,241	50,910	153	(D)
1997	3,553	(D)	(D)	900	25,794	2,393	1,892
Cattle and calves . . . . . farms, 2002	173	157	288	350	156	282	132
1997	268	239	417	508	207	374	194
\$1,000, 2002	8,414	15,739	(D)	11,532	18,101	11,703	16,966
1997	8,558	9,804	12,011	12,304	19,797	12,267	17,057
Milk and other dairy products from cows . . . . . farms, 2002	22	5	61	85	3	32	-
1997	30	3	107	144	3	41	-
\$1,000, 2002	2,496	419	8,337	4,995	356	2,450	-
1997	2,906	(D)	10,552	6,102	(D)	3,405	-
Hogs and pigs . . . . . farms, 2002	139	70	125	182	192	130	105
1997	209	123	185	334	296	269	169
\$1,000, 2002	32,604	10,627	25,818	39,639	63,842	44,886	40,727
1997	35,319	22,543	21,916	38,603	71,947	37,786	31,369
Sheep, goats, and their products . . . . . farms, 2002	50	49	40	31	26	65	33
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	71	123	538	188
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	32	27	44	42	17	41	21
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	213	134	152	178	(D)	276	75
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	-	-	-	-	1	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	-	-	-	(D)	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	11	6	11	10	1	5	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	88	32	57	19	(D)	3	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002							
1997	42	30	42	35	13	23	19
\$1,000, 2002	49	29	27	39	18	19	16
1997	213	220	134	83	14	38	58
Value of certified organically produced commodities (see text) . . . . . farms, 2002	228	78	45	69	14	15	17
1997	3	2	5	13	5	4	2
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	(D)	(D)	(D)	175	34	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Total sales (see text) - Con.							
Value of sales by commodity or commodity group - Con.							
Crops, including nursery and greenhouse - Con.							
Other crops and hay (see text) . . . . . farms, 2002	139	115	136	75	115	121	164
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,078	(D)	1,200	344	885	1,051	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	528	395	433	254	477	431	411
1997	665	519	599	349	557	568	514
\$1,000, 2002	188,527	64,717	40,689	28,551	88,253	63,617	32,157
1997	143,135	40,695	48,661	39,405	75,743	65,716	26,013
Poultry and eggs . . . . . farms, 2002	15	11	27	10	9	17	12
1997	15	8	13	10	9	17	13
\$1,000, 2002	(D)	(D)	8	(D)	(D)	34	6
1997	10	(D)	12	2,987	(D)	(D)	12
Cattle and calves . . . . . farms, 2002	312	337	294	134	345	305	351
1997	411	452	416	161	393	442	465
\$1,000, 2002	88,904	35,895	12,407	4,608	43,037	23,267	(D)
1997	64,878	25,342	14,748	4,901	29,721	24,809	10,563
Milk and other dairy products from cows . . . . . farms, 2002	6	10	11	7	17	64	4
1997	6	6	21	11	19	101	10
\$1,000, 2002	613	(D)	865	898	1,099	9,647	64
1997	406	507	1,613	1,059	1,276	10,940	390
Hogs and pigs . . . . . farms, 2002	280	64	121	103	186	131	34
1997	380	142	216	159	257	202	71
\$1,000, 2002	98,780	13,012	27,183	22,407	42,448	29,004	(D)
1997	77,385	11,787	31,918	30,179	41,413	28,528	14,631
Sheep, goats, and their products . . . . . farms, 2002	29	37	64	25	29	40	45
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	144	182	140	(D)	(D)	425	130
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	12	18	29	31	32	34	41
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	62	56	62	149	88	173	145
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	-	-	-	-	-	-	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	-	-	-	-	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	2	5	10	3	7	8	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	7	23	10	(D)	1,066	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002							
1997	20	25	35	27	14	16	21
\$1,000, 2002	23	16	39	19	13	25	13
1997	38	142	128	161	12	63	93
Value of certified organically produced commodities (see text) . . . . . farms, 2002	56	18	126	90	14	91	8
1997	6	3	3	3	-	4	-
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	230	87	(D)	(D)	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Total sales (see text) - Con.							
Value of sales by commodity or commodity group - Con.							
Crops, including nursery and greenhouse - Con.							
Other crops and hay (see text) . . . . . farms, 2002	78	249	160	141	152	252	160
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	2,992	980	1,546	1,123	2,252	1,492
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	253	875	559	527	326	588	424
1997	339	1,168	785	778	415	671	510
\$1,000, 2002	93,308	106,270	49,946	67,246	27,869	29,098	27,563
1997	53,820	117,398	62,590	62,759	40,965	38,162	40,335
Poultry and eggs . . . . . farms, 2002	12	25	24	19	40	44	15
1997	17	30	23	17	25	20	14
\$1,000, 2002	25,409	6,563	(D)	(D)	5,119	17	57
1997	16,649	11,273	(D)	(D)	(D)	122	17
Cattle and calves . . . . . farms, 2002	142	699	439	436	183	501	378
1997	184	984	586	654	272	613	470
\$1,000, 2002	11,743	26,553	31,515	32,687	11,131	14,888	17,664
1997	11,938	21,346	39,954	31,081	12,184	12,579	32,024
Milk and other dairy products from cows . . . . . farms, 2002	2	291	25	6	3	70	12
1997	2	419	42	15	4	74	6
\$1,000, 2002	(D)	38,707	5,459	404	201	4,120	1,071
1997	(D)	40,569	3,864	1,055	(D)	3,072	459
Hogs and pigs . . . . . farms, 2002	103	198	126	142	52	55	23
1997	150	362	283	251	102	105	41
\$1,000, 2002	55,478	33,638	12,524	33,609	11,041	9,335	8,427
1997	24,548	43,651	18,041	29,962	11,655	21,483	7,199
Sheep, goats, and their products . . . . . farms, 2002	33	51	37	36	60	79	21
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	318	141	108	151	381	66
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	19	56	48	19	57	75	35
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	73	264	246	129	193	350	188
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	-	2	-	2	-	2	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	2	16	5	5	8	13	10
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002							
1997	15	29	49	13	34	43	24
\$1,000, 2002	16	38	40	14	39	32	13
1997	108	110	148	19	181	49	51
Value of certified organically produced commodities (see text) . . . . . farms, 2002	-	3	5	4	5	15	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	332	12	220	28	258	99
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Total sales (see text) - Con.								
Value of sales by commodity or commodity group - Con.								
Crops, including nursery and greenhouse - Con.								
Other crops and hay (see text) . . . . . farms, 2002	171	83	61	292	42	157	92	75
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,812	481	576	3,588	(D)	1,442	(D)	342
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	766	216	155	915	190	640	327	289
1997	963	328	231	1,246	228	847	413	394
\$1,000, 2002	127,323	10,240	33,489	117,407	54,093	100,879	45,281	77,243
1997	141,698	26,836	31,579	140,229	38,254	103,780	36,898	93,430
Poultry and eggs . . . . . farms, 2002	10	8	6	14	8	20	20	13
1997	15	11	5	22	12	18	14	17
\$1,000, 2002	4	3	4	45	(D)	8,159	(D)	(D)
1997	(D)	4	6	171	(D)	(D)	(D)	(D)
Cattle and calves . . . . . farms, 2002	561	144	99	787	122	461	203	156
1997	709	251	147	1,064	155	637	276	218
\$1,000, 2002	45,730	2,696	25,123	51,244	16,210	21,928	10,857	11,590
1997	30,708	6,690	21,493	42,498	14,281	19,640	8,424	9,548
Milk and other dairy products from cows . . . . . farms, 2002	224	15	9	279	-	148	25	8
1997	316	8	7	423	-	213	27	16
\$1,000, 2002	30,198	(D)	(D)	41,672	-	23,957	(D)	(D)
1997	34,890	1,080	728	52,446	-	25,003	1,863	469
Hogs and pigs . . . . . farms, 2002	329	35	48	227	67	204	98	136
1997	525	73	92	409	90	315	165	198
\$1,000, 2002	50,730	5,233	6,936	23,861	(D)	46,062	29,743	59,271
1997	75,346	18,888	9,112	44,778	17,234	56,506	24,332	36,975
Sheep, goats, and their products . . . . . farms, 2002	38	23	19	32	21	48	22	25
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	142	23	587	189	45	469	24	88
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	13	21	10	18	21	27	32	12
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	119	22	71	43	(D)	258	140
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	2	1	1	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	2	10	-	13	1	3	8	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	-	325	(D)	(D)	8	30
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002								
1997	31	13	3	27	13	34	30	15
\$1,000, 2002	25	24	8	40	8	40	20	16
1997	281	26	(D)	190	23	86	81	71
1997	339	45	36	146	13	217	30	20
Value of certified organically produced commodities (see text) . . . . . farms, 2002								
1997	4	5	-	6	1	-	3	6
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	(D)	12	-	150	(D)	-	30	278
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Total sales (see text) - Con.								
Value of sales by commodity or commodity group - Con.								
Crops, including nursery and greenhouse - Con.								
Other crops and hay (see text) . . . . . farms, 2002	57	87	60	114	75	56	91	90
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	220	617	521	(D)	382	350	(D)	595
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	181	265	302	399	246	267	324	304
1997	271	345	398	556	328	396	454	424
\$1,000, 2002	12,744	41,597	47,912	59,357	147,171	61,429	170,868	26,380
1997	22,647	35,288	57,379	51,489	132,127	54,570	115,614	31,398
Poultry and eggs . . . . . farms, 2002	2	4	11	15	23	12	14	12
1997	4	13	20	8	33	12	12	8
\$1,000, 2002	(D)	(D)	(D)	(D)	43,286	(D)	(D)	30
1997	(D)	(D)	1,965	(D)	19,677	(D)	15,087	9
Cattle and calves . . . . . farms, 2002	156	186	168	337	81	131	185	237
1997	238	248	224	474	118	208	260	365
\$1,000, 2002	10,223	18,902	16,017	23,947	3,390	6,757	(D)	14,453
1997	17,618	12,820	18,584	17,233	4,059	7,611	10,303	16,014
Milk and other dairy products from cows . . . . . farms, 2002	4	1	8	7	5	5	2	2
1997	2	2	11	8	5	6	5	5
\$1,000, 2002	374	(D)	816	(D)	(D)	740	(D)	(D)
1997	(D)	(D)	1,372	750	803	595	305	126
Hogs and pigs . . . . . farms, 2002	20	86	135	65	120	120	152	35
1997	56	135	195	126	186	207	225	86
\$1,000, 2002	2,052	22,543	30,338	14,452	98,102	(D)	146,839	11,557
1997	4,838	22,276	34,993	15,589	106,952	36,390	88,258	15,119
Sheep, goats, and their products . . . . . farms, 2002	19	29	32	25	32	34	29	15
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	41	67	(D)	49	(D)	162	51	46
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	10	20	18	15	28	14	23	25
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	71	(D)	53	191	40	141	134
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	-	-	-	-	-	-	-	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	-	-	-	-	-	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	1	1	2	9	7	4	6	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	(D)	1,090	67	26	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002								
1997	11	10	24	21	19	26	45	21
\$1,000, 2002	11	11	20	26	22	28	29	12
1997	72	22	101	98	62	88	162	303
Value of certified organically produced commodities (see text) . . . . . farms, 2002	29	18	40	43	92	41	137	78
1997	3	2	4	1	1	3	2	2
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	45	(D)	39	(D)	(D)	2	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Total sales (see text) - Con.								
Value of sales by commodity or commodity group - Con.								
Crops, including nursery and greenhouse - Con.								
Other crops and hay (see text) . . . . . farms, 2002	113	107	56	86	140	202	185	136
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	893	(D)	198	817	1,367	2,484	1,492	1,061
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	363	366	160	292	466	830	610	336
1997	453	505	232	410	598	989	739	441
\$1,000, 2002	38,881	50,533	30,829	52,477	43,900	73,626	60,298	22,041
1997	30,752	40,059	28,432	41,213	51,511	69,887	64,494	22,644
Poultry and eggs . . . . . farms, 2002	21	20	11	14	22	16	21	11
1997	25	23	13	8	17	25	21	9
\$1,000, 2002	7,682	109	(D)	(D)	640	(D)	323	4
1997	6,378	17	1,740	(D)	581	(D)	144	7
Cattle and calves . . . . . farms, 2002	246	278	85	217	337	714	441	257
1997	314	392	125	310	451	874	538	363
\$1,000, 2002	7,922	15,255	9,010	23,879	22,260	47,486	21,800	7,226
1997	5,628	11,956	8,371	20,304	20,436	36,586	24,016	6,370
Milk and other dairy products from cows . . . . . farms, 2002	10	64	4	6	18	91	12	2
1997	7	110	7	2	25	134	20	13
\$1,000, 2002	3,726	6,756	(D)	5,412	1,653	10,960	1,377	(D)
1997	765	7,942	512	(D)	1,838	12,732	1,549	932
Hogs and pigs . . . . . farms, 2002	91	116	57	96	114	124	166	77
1997	135	198	118	174	210	235	239	132
\$1,000, 2002	18,720	28,006	19,998	22,787	18,871	11,438	36,248	13,017
1997	16,985	19,825	17,448	20,177	28,300	17,481	38,283	13,965
Sheep, goats, and their products . . . . . farms, 2002	39	34	12	27	54	35	74	43
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	118	355	26	169	193	(D)	259	1,364
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	47	18	12	9	41	71	47	27
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	651	51	19	(D)	177	483	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	2	-	-	-	-	2	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	-	-	-	-	(D)	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	4	3	5	-	5	7	4	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(Z)	9	-	107	939	(D)	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002								
1997	17	36	14	16	38	36	50	12
\$1,000, 2002	19	22	17	9	27	35	36	25
1997	34	108	100	43	210	321	297	12
Value of certified organically produced commodities (see text) . . . . . farms, 2002	3	11	1	3	4	1	3	11
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	378	(D)	150	177	(D)	12	501
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Total sales (see text) - Con.								
Value of sales by commodity or commodity group - Con.								
Crops, including nursery and greenhouse - Con.								
Other crops and hay (see text) . . . . . farms, 2002	204	162	118	79	146	236	66	142
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,911	(D)	(D)	(D)	(D)	1,416	451	1,465
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	620	526	463	459	431	586	214	394
1997	771	719	554	613	519	811	270	517
\$1,000, 2002	47,898	61,763	48,363	115,645	27,474	32,007	27,470	15,715
1997	49,217	77,501	45,023	89,245	35,631	38,299	38,712	16,083
Poultry and eggs . . . . . farms, 2002	46	13	9	17	14	31	6	12
1997	67	10	13	27	17	32	6	9
\$1,000, 2002	4,135	(D)	(D)	(D)	(D)	(D)	(D)	5
1997	2,446	4	1,779	730	214	21	(D)	3
Cattle and calves . . . . . farms, 2002	433	415	335	261	319	426	129	343
1997	587	563	418	325	397	626	177	465
\$1,000, 2002	15,080	37,842	13,302	25,087	9,113	17,090	4,022	11,989
1997	12,337	38,955	12,258	20,906	9,191	17,783	4,166	10,858
Milk and other dairy products from cows . . . . . farms, 2002	87	47	5	17	12	27	2	10
1997	93	64	5	21	20	51	4	12
\$1,000, 2002	5,527	5,860	838	(D)	1,821	3,049	(D)	276
1997	5,486	7,332	398	2,140	2,972	3,808	146	293
Hogs and pigs . . . . . farms, 2002	189	133	152	212	150	96	77	33
1997	301	264	203	326	150	203	105	60
\$1,000, 2002	21,505	17,548	33,426	82,760	16,147	11,332	22,544	3,205
1997	27,397	30,790	30,050	64,590	22,974	15,108	34,096	4,234
Sheep, goats, and their products . . . . . farms, 2002	107	38	52	37	54	63	28	27
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	632	137	338	139	174	168	145	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	66	24	26	12	34	57	16	35
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	166	200	21	88	268	58	116
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	2	1	1	-	2	1	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	-	(D)	(D)	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	13	10	5	7	8	19	2	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	589	189	(D)	154	(D)	88	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002								
1997	79	27	13	28	34	81	13	12
\$1,000, 2002	76	22	5	17	25	62	18	15
1997	269	149	55	116	190	484	47	45
Value of certified organically produced commodities (see text) . . . . . farms, 2002	265	149	9	21	115	277	134	21
1997	19	1	8	8	5	8	3	-
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	361	(D)	91	617	24	265	135	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Total sales (see text) - Con.								
Value of sales by commodity or commodity group - Con.								
Crops, including nursery and greenhouse - Con.								
Other crops and hay (see text) . . . . . farms, 2002	150	221	123	218	105	64	77	85
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	898	(D)	601	1,395	(D)	289	617	756
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	683	497	450	435	305	171	404	242
1997	809	663	630	591	462	243	538	351
\$1,000, 2002	180,657	37,175	76,946	22,329	46,498	5,508	92,156	34,210
1997	129,306	37,849	96,930	28,663	38,437	9,459	99,245	34,509
Poultry and eggs . . . . . farms, 2002	18	11	6	19	13	4	33	9
1997	24	10	6	13	11	3	39	5
\$1,000, 2002	(D)	(D)	(D)	(D)	15	(D)	3,308	4
1997	2,686	(D)	(D)	6	56	7	4,850	6
Cattle and calves . . . . . farms, 2002	461	425	333	336	200	123	252	197
1997	535	593	445	480	335	189	322	282
\$1,000, 2002	73,927	14,008	29,551	9,200	(D)	4,584	38,172	25,397
1997	51,243	12,254	24,634	9,756	12,802	5,467	30,847	21,688
Milk and other dairy products from cows . . . . . farms, 2002	43	1	11	13	2	-	60	5
1997	59	2	19	14	7	3	78	5
\$1,000, 2002	11,645	(D)	(D)	1,079	(D)	-	4,524	120
1997	8,696	(D)	1,823	1,518	1,807	137	6,192	263
Hogs and pigs . . . . . farms, 2002	320	47	170	63	84	24	178	41
1997	407	93	286	145	149	59	295	120
\$1,000, 2002	92,622	(D)	39,749	11,555	29,597	749	45,947	8,113
1997	65,923	9,006	60,105	16,535	23,374	3,645	57,091	12,427
Sheep, goats, and their products . . . . . farms, 2002	61	45	49	55	54	19	35	18
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	144	176	314	198	(D)	107	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	28	55	18	52	30	25	30	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	84	200	52	168	117	120	90	18
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	-	-	-	-	1	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	-	-	-	(D)	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	2	7	7	2	3	2	9	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	4	(D)	(D)	5	(D)	8	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002								
1997	17	22	15	30	34	11	34	14
\$1,000, 2002	17	22	18	28	27	6	41	9
1997	153	77	165	131	196	18	88	124
Value of certified organically produced commodities (see text) . . . . . farms, 2002	36	39	196	40	92	(D)	37	23
1997	4	1	4	2	3	-	8	2
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	172	(D)	152	(D)	14	-	60	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Total sales (see text) - Con.								
Value of sales by commodity or commodity group - Con.								
Crops, including nursery and greenhouse - Con.								
Other crops and hay (see text) . . . . . farms, 2002	196	77	132	109	53	144	54	161
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,965	(D)	937	(D)	(D)	778	(D)	1,114
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	396	248	329	471	246	424	271	711
1997	488	339	442	540	329	543	342	978
\$1,000, 2002	25,894	33,237	21,098	121,668	105,671	26,383	116,029	172,060
1997	24,996	35,603	26,720	92,963	84,416	27,308	74,077	140,481
Poultry and eggs . . . . . farms, 2002	10	3	20	16	10	8	8	13
1997	5	8	26	18	10	7	17	20
\$1,000, 2002	(D)	(D)	(D)	6,978	(D)	5	13,131	(D)
1997	(D)	(D)	(D)	4,840	11,580	(D)	11,302	314
Cattle and calves . . . . . farms, 2002	356	214	221	247	140	367	174	421
1997	439	288	300	288	200	473	191	639
\$1,000, 2002	16,625	17,812	6,845	35,190	25,564	17,363	16,287	43,475
1997	12,650	14,110	7,703	23,385	23,590	15,348	14,071	49,530
Milk and other dairy products from cows . . . . . farms, 2002	8	3	12	11	14	9	8	25
1997	8	3	16	18	24	3	8	29
\$1,000, 2002	1,755	488	1,666	1,089	(D)	287	641	7,790
1997	1,212	378	1,800	1,391	3,305	(D)	429	3,189
Hogs and pigs . . . . . farms, 2002	23	33	86	249	132	85	111	343
1997	48	89	154	304	171	131	177	514
\$1,000, 2002	7,316	(D)	9,238	77,980	46,013	8,332	85,814	119,719
1997	10,779	8,415	13,913	62,395	45,471	11,249	47,505	85,697
Sheep, goats, and their products . . . . . farms, 2002	19	14	49	10	42	19	70	70
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	41	88	285	119	158	136	674
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	31	10	22	26	6	31	4	25
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	103	(D)	45	(D)	31	139	(D)	76
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	1	-	1	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	-	(D)	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	6	3	6	1	1	8	1	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	36	68	34	(D)	(D)	99	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002								
1997	10	4	27	16	6	14	17	21
\$1,000, 2002	12	6	41	16	13	15	23	13
1997	9	(D)	81	101	(D)	115	40	125
Value of certified organically produced commodities (see text) . . . . . farms, 2002	19	(D)	457	68	57	11	62	17
1997	-	-	2	3	1	5	1	-
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Total sales (see text) - Con.								
Value of sales by commodity or commodity group - Con.								
Crops, including nursery and greenhouse - Con.								
Other crops and hay (see text) . . . . . farms, 2002	48	105	170	158	141	98	100	105
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	322	1,067	1,355	(D)	1,964	822	(D)	880
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	221	247	541	433	392	361	321	432
1997	282	300	770	564	443	485	451	599
\$1,000, 2002	55,141	9,386	56,356	44,268	33,399	102,058	32,056	49,666
1997	39,325	9,819	66,843	43,683	30,418	108,487	32,967	57,295
Poultry and eggs . . . . . farms, 2002	6	23	25	14	14	10	13	11
1997	10	17	24	14	7	17	17	23
\$1,000, 2002	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1997	(D)	(D)	(D)	(D)	(D)	2,459	(D)	(D)
Cattle and calves . . . . . farms, 2002	115	133	423	375	363	201	216	318
1997	140	192	589	467	418	292	294	442
\$1,000, 2002	11,273	4,500	45,032	14,419	14,280	33,719	12,429	20,330
1997	7,134	4,474	47,111	12,613	11,037	33,281	9,363	27,346
Milk and other dairy products from cows . . . . . farms, 2002	11	5	2	6	16	4	9	8
1997	6	3	7	8	8	9	21	8
\$1,000, 2002	(D)	267	(D)	1,258	356	749	(D)	325
1997	681	260	367	2,286	264	1,057	1,351	494
Hogs and pigs . . . . . farms, 2002	99	46	93	65	43	178	88	151
1997	167	76	215	184	59	258	163	240
\$1,000, 2002	37,720	3,863	10,769	(D)	17,419	66,363	16,666	28,834
1997	27,905	4,601	18,783	28,046	18,058	70,237	20,409	28,968
Sheep, goats, and their products . . . . . farms, 2002	19	34	46	50	14	48	35	34
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	106	228	101	316	(D)	(D)	83	119
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	12	47	43	33	21	18	13	17
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	50	480	238	88	79	42	85	32
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	-	-	-	-	1	2	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	-	-	-	(D)	(D)	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	5	8	6	6	5	-	5	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(Z)	32	(D)	(D)	6	-	7	15
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002								
1997	7	44	43	17	17	10	30	20
\$1,000, 2002	8	30	35	15	12	13	42	23
1997	19	267	164	33	40	20	169	60
Value of certified organically produced commodities (see text) . . . . . farms, 2002	59	338	72	20	147	27	146	24
1997	-	8	4	5	6	4	2	9
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	-	71	56	127	31	(D)	(D)	311
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Total sales (see text) - Con.								
Value of sales by commodity or commodity group - Con.								
Crops, including nursery and greenhouse - Con.								
Other crops and hay (see text) . . . . . farms, 2002	178	112	195	89	121	175	203	292
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	924	1,880	1,187	(D)	1,134	1,341	1,547
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	1,038	301	517	370	384	410	349	562
1997	1,216	390	666	468	479	544	460	755
\$1,000, 2002	508,272	26,243	31,363	29,404	39,772	27,511	12,767	18,665
1997	399,889	37,793	41,337	31,711	19,154	17,996	15,725	21,613
Poultry and eggs . . . . . farms, 2002	41	18	16	10	6	15	8	23
1997	52	15	29	12	10	13	6	9
\$1,000, 2002	27,570	(D)	(D)	(D)	(D)	(D)	3	(D)
1997	(D)	(D)	15	(D)	(D)	12	6	4
Cattle and calves . . . . . farms, 2002	611	150	417	347	327	343	274	434
1997	727	215	511	446	423	474	396	627
\$1,000, 2002	234,351	9,511	14,717	11,389	14,834	9,352	5,857	11,858
1997	173,485	10,431	14,336	9,587	9,771	6,796	6,676	11,836
Milk and other dairy products from cows . . . . . farms, 2002	99	7	21	5	5	21	5	10
1997	117	7	22	4	1	20	6	13
\$1,000, 2002	47,304	1,179	1,775	(D)	(D)	1,890	(D)	591
1997	25,068	2,899	2,598	373	(D)	1,504	796	778
Hogs and pigs . . . . . farms, 2002	582	94	98	43	34	39	39	44
1997	738	148	189	87	67	85	67	101
\$1,000, 2002	194,966	13,546	14,330	6,203	22,296	15,730	5,862	5,506
1997	172,045	21,777	23,809	9,087	7,712	9,109	8,095	7,851
Sheep, goats, and their products . . . . . farms, 2002	113	62	58	17	35	54	26	58
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	3,818	(D)	148	105	1,011	162	(D)	98
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	29	32	21	23	31	47	38	79
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	249	86	123	146	145	155	122	588
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	-	2	3	-	-	2	1	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	(D)	(D)	-	-	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	12	5	11	6	1	10	10	9
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	15	20	111	(D)	(D)	176	187	17
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002	33	38	25	10	12	20	15	62
1997	40	37	32	12	19	24	18	37
\$1,000, 2002	213	282	207	21	113	78	27	261
1997	208	214	98	14	58	25	27	102
Value of certified organically produced commodities (see text) . . . . . farms, 2002	8	3	5	-	4	1	1	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	223	17	94	-	73	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total sales (see text) - Con.								
Value of sales by commodity or commodity group - Con.								
Crops, including nursery and greenhouse - Con.								
Other crops and hay (see text) . . . . . farms, 2002	153	169	79	49	288	143	64	50
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	909	(D)	477	217	2,913	1,269	290	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Livestock, poultry, and their products . . . . . farms, 2002	590	394	215	182	851	467	204	164
1997	689	497	361	254	1,026	709	293	233
\$1,000, 2002	114,125	17,130	47,086	42,906	99,092	60,004	14,950	137,996
1997	114,283	15,101	53,276	14,786	88,455	62,212	19,035	79,264
Poultry and eggs . . . . . farms, 2002	63	4	8	12	26	19	8	8
1997	52	6	12	12	32	22	12	9
\$1,000, 2002	9,121	4	(D)	(D)	4,676	(D)	(D)	(D)
1997	16,574	2	(D)	6	2,741	(D)	(D)	(D)
Cattle and calves . . . . . farms, 2002	338	367	108	79	711	348	120	89
1997	399	466	211	115	881	537	183	111
\$1,000, 2002	10,202	13,125	(D)	3,036	30,128	47,500	3,673	3,093
1997	9,875	10,423	5,764	3,455	20,958	40,926	4,407	4,974
Milk and other dairy products from cows . . . . . farms, 2002	49	23	3	9	239	4	11	2
1997	50	11	4	19	324	5	11	3
\$1,000, 2002	3,255	1,943	513	376	42,256	118	(D)	(D)
1997	2,471	606	611	752	36,334	(D)	758	170
Hogs and pigs . . . . . farms, 2002	288	12	102	76	175	104	65	56
1997	397	51	150	140	335	208	113	103
\$1,000, 2002	90,784	1,826	(D)	(D)	21,482	11,601	7,236	(D)
1997	84,922	3,713	27,313	10,464	27,774	20,370	9,146	67,283
Sheep, goats, and their products . . . . . farms, 2002	73	15	20	27	62	43	18	27
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	595	(D)	51	35	240	118	183	77
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Horses, ponies, mules, burros, and donkeys . . . . . farms, 2002	48	32	13	15	49	28	21	19
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	158	109	38	36	168	120	42	90
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Aquaculture . . . . . farms, 2002	1	1	-	-	2	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	-	-	(D)	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other animals and other animal products (see text) . . . . . farms, 2002	13	5	5	2	12	9	4	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	85	10	(D)	(D)	(D)	16	26
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) . . . . . farms, 2002								
1997	58	5	18	15	43	28	20	16
\$1,000, 2002	54	9	21	29	20	24	8	10
1997	216	9	41	83	282	194	36	64
Value of certified organically produced commodities (see text) . . . . . farms, 2002	22	-	3	1	16	3	3	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	969	-	(D)	(D)	1,710	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

**Table 3. Farm Production Expenses: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Total farm production expenses	farms, 2002	90,648	845	566	1,083	819	636	1,192
	1997	96,697	834	609	1,027	862	684	1,284
	\$1,000, 2002	10,303,448	74,345	37,344	79,652	23,357	100,266	114,012
Average per farm	farms, 2002	8,677,056	64,133	36,482	57,141	24,011	90,354	116,682
	1997	113,664	87,982	65,979	73,547	28,519	157,652	95,647
	\$1,000, 2002	89,734	76,897	59,904	55,639	27,855	132,096	90,874
Fertilizer, lime, and soil conditioners purchased <sup>1</sup>	farms, 2002	61,514	625	379	536	474	409	889
	1997	67,656	632	380	609	457	512	817
	\$1,000, 2002	665,890	5,396	2,719	4,186	2,860	3,912	9,466
Chemicals purchased	farms, 2002	665,146	5,284	2,866	3,373	1,911	5,803	10,428
	1997	54,776	461	372	522	373	399	828
	\$1,000, 2002	66,869	610	397	577	427	525	914
Seeds, plants, vines, and trees	farms, 2002	464,509	4,795	2,590	2,047	910	4,241	8,315
	1997	546,735	4,541	2,638	2,265	1,257	5,600	9,347
	\$1,000, 2002	59,724	512	277	580	335	352	799
Livestock and poultry purchased	farms, 2002	70,900	635	364	683	429	551	942
	1997	603,316	5,611	2,473	3,148	1,431	4,778	7,692
	\$1,000, 2002	511,082	3,633	2,435	2,511	1,404	5,433	7,778
Breeding livestock purchased (see text)	farms, 2002	25,756	258	136	322	155	213	340
	1997	31,882	334	189	413	232	269	405
	\$1,000, 2002	1,854,227	11,579	6,393	8,453	1,934	24,811	12,643
Other livestock and poultry purchased	farms, 2002	1,283,094	8,728	5,201	4,281	2,529	17,951	14,392
	1997	13,436	200	91	197	110	127	166
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	100,883	742	295	1,369	367	1,310	1,800
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	16,372	154	71	172	71	135	221
Supplies, repairs, and maintenance	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	1,753,344	10,837	6,098	7,084	1,567	23,501	10,843
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Utilities (see text)	farms, 2002	41,037	467	272	572	486	274	630
	1997	48,781	497	338	649	484	422	633
	\$1,000, 2002	1,922,817	7,658	5,786	13,300	2,766	19,763	13,833
Gasoline, fuels, and oils	farms, 2002	1,604,170	12,234	5,318	13,311	3,750	17,150	13,579
	1997	87,485	837	566	1,059	789	636	1,112
	\$1,000, 2002	88,995	759	507	880	783	632	1,227
Hired farm labor	farms, 2002	348,189	2,666	1,435	3,066	1,281	2,901	4,504
	1997	364,116	2,467	1,966	3,038	1,312	2,998	5,259
	\$1,000, 2002	62,217	553	348	690	521	448	832
Contract labor	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	215,675	1,676	775	2,396	715	2,243	2,430
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Customwork and custom hauling	farms, 2002	81,393	769	520	986	730	606	1,109
	1997	82,231	701	466	928	673	595	1,060
	\$1,000, 2002	646,011	5,567	2,813	7,057	2,573	5,697	7,777
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002	523,311	4,130	3,190	5,385	3,027	4,942	7,521
	1997	28,135	231	94	289	150	157	399
	\$1,000, 2002	34,352	286	206	331	239	296	496
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	409,190	2,474	808	4,201	487	3,810	5,167
	1997	327,812	2,633	1,658	2,551	565	2,616	4,151
	\$1,000, 2002	6,425	125	30	35	75	49	65
Interest expense	farms, 2002	6,438	41	33	56	64	52	52
	1997	37,829	333	107	58	227	418	248
	\$1,000, 2002	25,840	88	88	96	138	138	182
Secured by real estate	farms, 2002	30,366	234	195	294	212	197	394
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	160,788	1,073	1,117	1,357	301	959	2,256
Not secured by real estate	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	34,940	291	150	326	155	232	600
	\$1,000, 2002	38,257	273	169	324	140	307	591
Property taxes paid	farms, 2002	1,182,053	8,953	3,721	7,027	432	9,974	17,629
	1997	909,052	4,145	2,281	2,902	1,426	9,544	16,234
	\$1,000, 2002	8,558	51	66	106	47	96	95
All other production expenses (see text)	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	68,636	751	326	389	234	537	921
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Depreciation expenses claimed (see text)	farms, 2002	49,156	491	314	550	316	368	642
	1997	57,878	487	299	632	375	469	788
	\$1,000, 2002	704,077	6,161	2,631	9,199	2,989	6,044	9,164
Secured by real estate	farms, 2002	624,048	4,874	2,635	5,163	2,098	6,154	9,235
	1997	36,961	344	238	477	280	244	444
	\$1,000, 2002	38,830	366	205	400	290	365	522
Not secured by real estate	farms, 2002	456,338	3,772	1,741	7,011	2,442	4,082	5,637
	1997	361,074	2,874	1,730	3,255	1,102	4,100	5,351
	\$1,000, 2002	30,368	279	157	299	139	235	442
Property taxes paid	farms, 2002	37,784	333	188	413	172	313	561
	1997	247,739	2,388	891	2,188	547	1,961	3,527
	\$1,000, 2002	262,974	2,000	905	1,908	997	2,054	3,883
All other production expenses (see text)	farms, 2002	82,051	785	466	1,014	773	575	1,088
	1997	84,624	787	562	956	806	623	1,123
	\$1,000, 2002	346,765	2,967	1,844	4,293	2,267	2,891	3,847
Depreciation expenses claimed (see text)	farms, 2002	252,699	2,545	1,806	2,711	1,454	2,127	3,556
	1997	64,832	664	350	748	499	417	887
	\$1,000, 2002	90,839	804	525	967	776	642	1,179
All other production expenses (see text)	farms, 2002	673,475	6,685	1,804	9,474	1,949	7,287	8,119
	1997	735,663	6,535	2,965	6,388	2,354	7,141	10,022
	\$1,000, 2002	49,049	404	220	524	290	298	665
Depreciation expenses claimed (see text)	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	1,005,074	7,388	2,543	9,534	3,508	8,721	10,928
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Total farm production expenses	farms, 2002	938	830	961	1,065	826	1,073	765
	1997	1,061	919	1,048	1,205	903	1,157	828
	\$1,000, 2002	99,276	89,253	88,375	111,012	159,864	115,660	114,736
	1997	95,623	82,153	72,687	103,190	143,548	96,112	92,168
Average per farm	dollars, 2002	105,838	107,534	91,961	104,237	193,540	107,791	149,982
	1997	90,125	89,394	69,358	85,635	158,968	83,070	111,314
Fertilizer, lime, and soil conditioners purchased <sup>1</sup>	farms, 2002	735	569	667	785	622	695	568
	1997	801	677	778	919	735	826	743
	\$1,000, 2002	7,003	9,177	6,348	7,147	8,203	7,545	9,166
	1997	7,404	7,706	6,443	8,490	8,256	8,085	9,126
Chemicals purchased	farms, 2002	678	499	588	657	522	719	542
	1997	785	668	759	933	738	806	700
	\$1,000, 2002	4,974	6,053	5,431	5,125	5,463	6,981	5,503
	1997	7,185	6,820	5,441	7,658	7,267	7,459	6,593
Seeds, plants, vines, and trees	farms, 2002	702	545	610	815	650	725	521
	1997	810	675	768	943	732	854	743
	\$1,000, 2002	6,380	7,177	5,379	7,627	7,927	7,697	6,490
	1997	6,046	6,826	4,792	6,565	6,601	6,387	6,158
Livestock and poultry purchased	farms, 2002	214	153	287	322	252	315	156
	1997	332	248	392	519	348	457	205
	\$1,000, 2002	13,114	9,092	11,174	10,445	36,335	11,243	21,819
	1997	9,892	9,002	7,293	11,482	30,718	14,738	15,788
Breeding livestock purchased (see text)	farms, 2002	80	84	129	107	96	106	67
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	712	682	809	646	839	335	327
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	169	97	213	265	202	226	119
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	12,402	8,410	10,365	9,799	35,496	10,908	21,492
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	329	275	435	576	346	463	244
	1997	469	431	558	606	463	608	262
	\$1,000, 2002	15,041	8,639	15,040	22,551	44,134	21,042	19,952
	1997	16,908	10,034	9,176	17,019	39,824	14,201	13,305
Gasoline, fuels, and oils	farms, 2002	925	828	961	1,054	762	1,051	704
	1997	1,020	868	987	1,156	837	1,013	770
	\$1,000, 2002	3,669	4,101	3,123	4,094	5,149	4,047	3,453
	1997	4,033	3,290	3,592	4,722	4,973	3,746	4,270
Utilities (see text)	farms, 2002	692	562	682	779	611	712	518
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,904	2,347	1,896	2,339	3,106	2,450	2,075
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance	farms, 2002	863	772	831	1,036	725	1,012	607
	1997	957	853	953	1,069	824	931	704
	\$1,000, 2002	7,121	4,970	5,290	7,628	8,426	7,381	7,262
	1997	5,660	5,325	5,232	6,390	7,483	5,007	5,626
Hired farm labor	farms, 2002	323	290	341	424	301	393	339
	1997	340	375	427	577	439	418	381
	\$1,000, 2002	7,183	4,574	2,979	4,500	5,074	7,447	3,862
	1997	4,653	4,732	2,644	4,592	4,689	2,752	2,433
Contract labor	farms, 2002	48	142	66	105	50	71	28
	1997	69	76	35	39	100	81	32
	\$1,000, 2002	312	314	190	232	936	638	357
	1997	274	384	115	81	476	246	54
Customwork and custom hauling	farms, 2002	351	244	430	375	306	382	284
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,457	1,001	1,622	1,678	2,049	2,273	1,430
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002	446	295	393	424	391	474	291
	1997	473	386	453	538	460	497	326
	\$1,000, 2002	14,875	12,528	12,445	15,151	13,926	15,529	12,120
	1997	13,301	10,584	10,470	12,556	11,616	13,447	7,960
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	73	107	95	96	120	62	106
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	704	520	351	1,403	563	660	1,400
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	435	408	569	642	535	554	428
	1997	637	501	673	763	589	688	585
	\$1,000, 2002	5,666	9,862	8,074	9,048	7,564	9,960	8,666
	1997	6,685	4,571	5,973	7,730	7,251	7,046	6,965
Secured by real estate	farms, 2002	260	322	451	486	323	457	367
	1997	458	296	416	521	311	435	378
	\$1,000, 2002	3,501	5,532	4,842	6,378	3,633	7,068	5,753
	1997	4,190	2,664	3,743	5,121	3,516	4,073	4,306
Not secured by real estate	farms, 2002	294	240	352	403	395	412	295
	1997	402	342	433	503	440	447	360
	\$1,000, 2002	2,165	4,330	3,232	2,670	3,932	2,891	2,913
	1997	2,496	1,906	2,230	2,609	3,735	2,972	2,659
Property taxes paid	farms, 2002	832	665	849	951	697	927	685
	1997	983	796	939	1,019	695	982	723
	\$1,000, 2002	3,547	3,432	3,754	4,173	3,157	3,092	3,575
	1997	3,154	2,405	2,555	3,479	2,349	2,824	2,210
All other production expenses (see text)	farms, 2002	670	570	686	866	621	717	660
	1997	1,016	872	988	1,125	874	1,083	786
	\$1,000, 2002	6,326	5,468	5,278	7,871	7,853	7,676	7,606
	1997	7,583	7,526	6,207	8,906	8,826	7,229	7,822
Depreciation expenses claimed (see text)	farms, 2002	583	410	613	721	552	625	446
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	13,047	10,026	10,841	15,547	14,550	10,914	11,756
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Total farm production expenses	farms, 2002	1,044	766	974	793	837	954	727
	1997	1,150	851	1,020	881	929	977	737
	\$1,000, 2002	225,830	98,285	97,444	87,852	122,479	114,325	49,040
	1997	166,627	72,060	72,060	95,156	89,023	106,736	89,386
Average per farm	dollars, 2002	216,312	128,309	100,046	110,785	146,330	119,837	67,455
	1997	144,893	84,677	93,290	101,048	114,894	91,490	47,778
	Fertilizer, lime, and soil conditioners purchased <sup>1</sup>							
	farms, 2002	808	586	723	618	701	717	367
1997	931	673	722	635	722	682	421	
\$1,000, 2002	7,952	5,854	8,432	8,021	7,392	7,015	1,649	
1997	8,290	5,296	8,076	8,420	7,201	6,648	1,531	
Chemicals purchased	farms, 2002	786	486	646	539	613	581	336
	1997	904	655	735	634	727	643	448
	\$1,000, 2002	7,350	4,135	5,294	6,683	5,277	4,541	1,449
	1997	7,698	4,986	7,315	6,504	6,480	5,703	1,375
Seeds, plants, vines, and trees	farms, 2002	814	517	666	568	673	718	356
	1997	948	685	748	670	789	731	455
	\$1,000, 2002	6,732	5,268	6,763	7,600	6,145	6,793	1,655
	1997	6,983	4,506	6,834	6,857	5,619	6,243	1,404
Livestock and poultry purchased	farms, 2002	358	245	209	165	274	326	186
	1997	480	263	380	205	390	330	226
	\$1,000, 2002	73,064	24,749	11,235	6,292	30,636	25,079	4,608
	1997	48,298	13,738	11,270	7,015	20,193	14,748	3,825
Breeding livestock purchased (see text)	farms, 2002	129	203	139	97	139	129	149
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,646	1,319	386	575	989	1,210	2,282
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	259	144	108	106	230	237	51
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	71,418	23,430	10,849	5,717	29,647	23,869	2,326
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	502	428	407	253	446	420	367
	1997	649	472	490	309	570	489	430
	\$1,000, 2002	56,249	14,130	10,393	9,422	23,301	17,144	15,709
	1997	36,212	8,334	11,704	11,519	18,513	14,888	9,086
Gasoline, fuels, and oils	farms, 2002	1,007	726	934	780	741	898	688
	1997	1,094	829	928	790	892	961	685
	\$1,000, 2002	5,008	3,515	3,899	3,988	3,523	4,197	1,260
	1997	5,166	2,765	4,467	4,382	3,983	4,143	1,362
Utilities (see text)	farms, 2002	844	499	652	518	620	678	433
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	3,591	1,913	2,341	1,675	2,479	2,671	2,185
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance	farms, 2002	947	700	857	673	695	826	669
	1997	1,030	761	799	753	843	826	601
	\$1,000, 2002	9,219	7,575	7,136	6,085	6,009	7,713	3,348
	1997	8,185	4,463	5,912	5,166	6,324	5,175	2,034
Hired farm labor	farms, 2002	465	223	306	321	246	467	157
	1997	538	260	372	350	430	391	266
	\$1,000, 2002	6,224	3,175	4,009	4,153	2,209	6,306	5,522
	1997	3,932	2,072	4,012	4,203	3,503	2,932	1,600
Contract labor	farms, 2002	59	98	56	12	34	161	22
	1997	134	47	73	50	49	63	67
	\$1,000, 2002	710	200	272	383	41	640	27
	1997	331	131	598	314	215	383	161
Customwork and custom hauling	farms, 2002	353	284	310	230	351	368	254
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,813	1,392	1,580	1,468	1,935	1,923	574
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002	533	295	424	398	470	357	103
	1997	527	422	445	455	532	429	180
	\$1,000, 2002	19,317	8,034	15,999	16,759	16,229	12,778	1,335
	1997	13,630	8,867	12,119	15,301	11,670	10,020	1,201
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	108	81	42	142	68	55	61
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	666	638	491	1,009	608	385	402
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	602	431	553	361	562	478	364
	1997	813	545	585	530	631	602	416
	\$1,000, 2002	10,066	7,865	8,252	5,888	6,146	6,744	3,840
	1997	10,010	5,650	6,991	5,130	7,408	6,140	2,898
Secured by real estate	farms, 2002	476	334	361	254	363	356	245
	1997	454	343	399	306	391	406	315
	\$1,000, 2002	6,100	3,928	4,300	3,797	3,344	3,920	3,119
	1997	4,796	2,884	4,090	2,562	4,612	3,315	1,692
Not secured by real estate	farms, 2002	324	311	395	269	384	289	242
	1997	541	430	400	379	415	394	215
	\$1,000, 2002	3,966	3,937	3,952	2,091	2,802	2,824	721
	1997	5,214	2,766	2,901	2,567	2,796	2,825	1,206
Property taxes paid	farms, 2002	932	676	861	692	701	911	706
	1997	953	750	836	699	783	879	690
	\$1,000, 2002	5,798	3,323	4,361	2,793	3,106	3,791	2,429
	1997	3,118	2,376	3,490	2,486	2,541	2,382	1,962
All other production expenses (see text)	farms, 2002	802	537	661	599	625	757	505
	1997	1,124	796	976	829	880	916	690
	\$1,000, 2002	12,070	6,520	6,988	5,632	7,442	6,604	3,048
	1997	10,892	5,966	8,448	8,375	9,514	7,676	3,887
Depreciation expenses claimed (see text)	farms, 2002	725	329	592	407	486	571	380
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	18,989	8,214	12,040	9,391	9,743	11,452	6,725
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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Table 3. Farm Production Expenses: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Total farm production expenses	farms, 2002	691	1,607	1,220	924	939	1,007	789
	1997	703	1,740	1,353	1,171	998	962	804
	\$1,000, 2002	129,245	137,918	118,840	129,361	81,089	47,101	42,556
	1997	82,992	123,885	114,206	112,331	74,301	45,779	41,757
Average per farm	dollars, 2002	187,041	85,823	97,410	140,001	86,357	46,774	53,937
	1997	118,055	71,198	84,409	95,927	74,449	47,587	51,936
Fertilizer, lime, and soil conditioners purchased <sup>1</sup>	farms, 2002	522	876	885	638	645	497	366
	1997	577	1,056	944	844	597	558	405
	\$1,000, 2002	7,566	7,659	10,345	8,693	6,872	3,560	2,517
	1997	7,142	7,567	9,928	9,565	6,469	2,499	1,935
Chemicals purchased	farms, 2002	464	828	828	594	587	282	349
	1997	534	1,094	1,000	882	654	469	345
	\$1,000, 2002	4,530	4,230	7,771	6,012	5,474	1,941	1,797
	1997	5,082	5,647	7,225	8,194	5,329	1,655	1,307
Seeds, plants, vines, and trees	farms, 2002	541	845	921	539	650	446	357
	1997	626	1,195	1,027	886	681	515	377
	\$1,000, 2002	6,956	6,330	7,809	7,511	6,636	2,983	1,709
	1997	5,587	6,454	7,065	6,704	5,261	1,392	1,256
Livestock and poultry purchased	farms, 2002	208	389	367	274	173	310	276
	1997	218	645	602	438	236	389	204
	\$1,000, 2002	18,521	16,232	19,344	26,987	9,420	5,974	6,454
	1997	11,498	11,075	20,686	21,136	6,753	5,306	6,584
Breeding livestock purchased (see text)	farms, 2002	82	232	157	143	98	233	175
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,507	1,513	795	748	215	661	623
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	149	222	252	167	101	165	115
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	17,014	14,719	18,549	26,239	9,205	5,313	5,831
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	299	914	572	423	354	559	521
	1997	368	1,076	755	675	428	610	453
	\$1,000, 2002	39,611	27,559	9,681	19,280	9,611	7,923	8,732
	1997	13,539	30,393	14,211	14,877	8,038	14,361	13,141
Gasoline, fuels, and oils	farms, 2002	689	1,590	1,219	856	921	979	763
	1997	667	1,607	1,240	1,058	943	875	732
	\$1,000, 2002	4,455	6,062	4,153	4,069	2,822	1,819	2,132
	1997	3,457	6,081	4,808	4,341	3,281	2,221	1,612
Utilities (see text)	farms, 2002	523	1,090	931	694	722	708	494
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	3,002	3,897	2,284	2,184	1,685	1,079	972
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance	farms, 2002	636	1,530	1,161	850	853	956	718
	1997	653	1,399	1,166	1,016	788	849	642
	\$1,000, 2002	8,067	12,346	7,679	7,034	6,180	3,853	5,470
	1997	5,091	8,797	6,549	7,264	5,604	3,483	2,442
Hired farm labor	farms, 2002	213	457	431	247	260	188	187
	1997	309	628	543	403	339	293	179
	\$1,000, 2002	4,758	5,829	3,539	3,399	3,317	1,321	1,161
	1997	3,326	5,238	2,890	3,432	6,494	1,980	1,290
Contract labor	farms, 2002	23	82	42	67	71	98	75
	1997	46	114	72	62	61	77	83
	\$1,000, 2002	696	296	195	175	96	312	195
	1997	404	315	252	176	1,868	172	144
Customwork and custom hauling	farms, 2002	233	463	510	388	405	347	239
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	994	3,171	2,806	2,519	2,282	645	960
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002	322	442	640	469	285	268	272
	1997	350	553	589	486	371	170	193
	\$1,000, 2002	12,807	11,498	22,723	16,238	10,219	3,925	1,828
	1997	9,482	7,433	17,428	12,634	7,899	1,708	1,646
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	121	103	149	160	88	62	67
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,013	1,237	603	1,526	699	721	314
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	425	811	647	555	441	564	317
	1997	472	1,126	821	708	532	570	359
	\$1,000, 2002	6,592	14,527	8,317	10,806	5,459	4,881	2,996
	1997	5,946	10,917	8,281	8,412	4,659	2,964	2,981
Secured by real estate	farms, 2002	301	695	453	480	311	501	254
	1997	327	822	586	449	367	430	269
	\$1,000, 2002	4,168	10,419	4,749	7,374	3,870	3,025	2,043
	1997	3,378	7,046	5,098	4,518	2,623	2,030	2,049
Not secured by real estate	farms, 2002	286	480	427	282	256	311	221
	1997	318	675	535	550	289	322	151
	\$1,000, 2002	2,425	4,108	3,567	3,431	1,589	1,856	953
	1997	2,569	3,871	3,183	3,894	2,036	934	932
Property taxes paid	farms, 2002	626	1,499	1,056	845	896	976	775
	1997	596	1,583	1,163	1,019	862	912	757
	\$1,000, 2002	2,627	5,614	4,144	4,979	3,819	2,685	2,515
	1997	1,856	4,661	3,216	3,368	2,863	1,966	1,592
All other production expenses (see text)	farms, 2002	519	1,038	964	706	731	757	508
	1997	686	1,627	1,307	1,124	885	893	720
	\$1,000, 2002	7,049	11,432	7,445	7,948	6,499	3,480	2,803
	1997	7,733	13,527	7,698	8,264	7,317	4,644	4,640
Depreciation expenses claimed (see text)	farms, 2002	470	841	717	464	530	479	330
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	13,462	17,813	11,991	9,426	8,231	16,232	4,922
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 4. Net Cash Farm Income of the Operations and Operators: 2002**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Net cash farm income of operations (see text)	\$1,000	2,863,769	24,556	13,177	19,812	5,631	22,440	44,991
Average per farm	dollars	31,592	29,060	23,281	18,294	6,876	35,283	37,744
Farms with net gains <sup>1</sup>	number	60,139	591	342	620	468	436	868
Average per farm	dollars	58,054	47,803	44,964	43,824	19,011	70,067	56,349
Farms with net losses	number	30,509	254	224	463	351	200	324
Average per farm	dollars	20,570	14,552	9,822	15,892	9,304	40,545	12,100
Net cash farm income of operators (see text)	\$1,000	2,624,949	22,206	10,756	18,770	4,991	22,775	40,010
Average per farm	dollars	28,958	26,280	19,004	17,332	6,094	35,810	33,565
Farm operators reporting net gains	farms	59,502	591	342	622	468	446	852
Average per farm	dollars	54,850	44,387	38,310	42,319	19,185	67,448	51,749
Farm operators reporting net losses	farms	31,146	254	224	461	351	190	340
Average per farm	dollars	20,508	15,852	10,472	16,383	11,361	38,457	12,002

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Net cash farm income of operations (see text)	\$1,000	31,962	29,465	28,344	36,026	65,845	32,808	37,092
Average per farm	dollars	34,075	35,500	29,494	33,828	79,716	30,576	48,486
Farms with net gains <sup>1</sup>	number	708	513	630	675	684	696	590
Average per farm	dollars	49,896	67,225	49,050	63,978	103,056	57,229	70,089
Farms with net losses	number	230	317	331	390	142	377	175
Average per farm	dollars	14,627	15,841	7,727	18,356	32,714	18,629	24,349
Net cash farm income of operators (see text)	\$1,000	30,843	23,170	26,379	32,861	57,826	32,476	30,265
Average per farm	dollars	32,882	27,915	27,450	30,856	70,007	30,266	39,562
Farm operators reporting net gains	farms	707	499	629	650	687	695	563
Average per farm	dollars	50,054	56,346	46,509	62,768	89,661	56,946	63,721
Farm operators reporting net losses	farms	231	331	332	415	139	378	202
Average per farm	dollars	19,675	14,945	8,660	19,128	27,129	18,787	27,771

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Net cash farm income of operations (see text)	\$1,000	47,965	21,240	34,709	31,566	33,548	19,121	2,758
Average per farm	dollars	45,944	27,729	35,636	39,806	40,082	20,043	3,793
Farms with net gains <sup>1</sup>	number	717	441	689	518	612	609	409
Average per farm	dollars	83,794	62,344	57,612	68,362	64,757	50,105	20,194
Farms with net losses	number	327	325	285	275	225	345	318
Average per farm	dollars	37,049	19,241	17,492	13,985	27,035	33,024	17,300
Net cash farm income of operators (see text)	\$1,000	44,228	19,647	32,517	28,568	30,078	19,553	2,127
Average per farm	dollars	42,364	25,649	33,385	36,025	35,936	20,496	2,926
Farm operators reporting net gains	farms	695	456	701	507	602	593	419
Average per farm	dollars	81,865	56,996	53,175	64,686	59,167	52,666	18,783
Farm operators reporting net losses	farms	349	310	273	286	235	361	308
Average per farm	dollars	36,298	20,461	17,430	14,783	23,575	32,349	18,646

Item		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Net cash farm income of operations (see text)	\$1,000	34,410	42,154	28,831	36,606	20,212	10,599	9,663
Average per farm	dollars	49,798	26,232	23,632	39,617	21,525	10,526	12,247
Farms with net gains <sup>1</sup>	number	485	1,061	752	651	499	588	334
Average per farm	dollars	87,366	45,785	47,695	66,343	53,054	26,824	47,624
Farms with net losses	number	206	546	468	273	440	419	455
Average per farm	dollars	38,652	11,766	15,032	24,114	14,231	12,347	13,723
Net cash farm income of operators (see text)	\$1,000	23,393	40,487	28,743	33,918	16,769	9,224	8,878
Average per farm	dollars	33,854	25,194	23,560	36,708	17,859	9,160	11,252
Farm operators reporting net gains	farms	462	1,054	767	642	513	585	343
Average per farm	dollars	72,577	44,920	46,725	61,814	43,803	25,216	43,825
Farm operators reporting net losses	farms	229	553	453	282	426	422	446
Average per farm	dollars	44,269	12,404	15,663	20,448	13,384	13,098	13,798

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Net cash farm income of operations (see text)	\$1,000	40,641	8,031	27,500	42,178	28,104	36,385	24,700	28,419
Average per farm	dollars	32,487	11,916	56,007	28,576	55,215	27,112	27,475	34,531
Farms with net gains <sup>1</sup>	number	827	414	364	980	382	940	550	557
Average per farm	dollars	60,484	32,632	77,448	51,312	81,187	48,021	63,126	69,365
Farms with net losses	number	424	260	127	496	127	402	349	266
Average per farm	dollars	22,121	21,070	5,446	16,347	22,905	21,780	28,708	38,410
Net cash farm income of operators (see text)	\$1,000	43,152	6,432	22,237	41,761	26,438	35,606	22,166	29,028
Average per farm	dollars	34,494	9,542	45,289	28,293	51,941	26,532	24,656	35,271
Farm operators reporting net gains	farms	837	386	340	985	363	948	548	572
Average per farm	dollars	64,055	32,251	68,645	50,237	81,479	47,042	59,501	65,516
Farm operators reporting net losses	farms	414	288	151	491	146	394	351	251
Average per farm	dollars	25,271	20,893	7,301	15,729	21,499	22,816	29,745	33,652

See footnote(s) at end of table.

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**Table 4. Net Cash Farm Income of the Operations and Operators: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Net cash farm income of operations (see text)	\$1,000	15,074	25,795	31,273	11,173	39,659	32,265	56,844
Average per farm	dollars	27,659	35,384	42,840	12,611	49,886	39,015	68,240
Farms with net gains <sup>1</sup>	number	344	476	528	564	576	684	562
Average per farm	dollars	58,599	65,936	70,870	35,655	87,403	54,430	113,080
Farms with net losses	number	201	253	202	322	219	143	271
Average per farm	dollars	25,292	22,097	30,427	27,752	48,790	34,722	24,750
Net cash farm income of operators (see text)	\$1,000	9,623	17,856	26,953	12,091	31,678	28,435	55,381
Average per farm	dollars	17,657	24,493	36,921	13,647	39,847	34,383	66,484
Farm operators reporting net gains	farms	296	436	491	566	575	683	564
Average per farm	dollars	56,324	53,091	69,393	37,221	74,822	48,830	110,697
Farm operators reporting net losses	farms	249	293	239	320	220	144	269
Average per farm	dollars	28,309	18,062	29,788	28,050	51,566	34,141	26,216

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Net cash farm income of operations (see text)	\$1,000	18,666	22,604	28,738	31,045	49,386	16,848	46,498
Average per farm	dollars	21,908	25,370	47,501	50,316	48,371	12,620	38,460
Farms with net gains <sup>1</sup>	number	444	620	450	422	644	763	866
Average per farm	dollars	53,711	48,363	67,536	83,068	84,947	34,718	60,677
Farms with net losses	number	408	271	155	195	377	572	343
Average per farm	dollars	12,701	27,234	10,664	20,563	14,109	16,856	17,632
Net cash farm income of operators (see text)	\$1,000	17,238	21,751	20,888	29,665	48,121	15,104	42,036
Average per farm	dollars	20,232	24,411	34,526	48,079	47,132	11,314	34,769
Farm operators reporting net gains	farms	454	622	434	415	609	754	865
Average per farm	dollars	48,886	46,705	52,185	81,552	88,530	34,176	55,678
Farm operators reporting net losses	farms	398	269	171	202	412	581	344
Average per farm	dollars	12,454	27,137	10,293	20,690	14,061	18,356	17,807

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Net cash farm income of operations (see text)	\$1,000	17,385	34,840	25,528	50,015	13,220	19,100	18,986
Average per farm	dollars	13,797	33,924	23,356	37,158	13,960	13,227	31,331
Farms with net gains <sup>1</sup>	number	776	725	761	930	588	904	383
Average per farm	dollars	35,845	54,758	43,438	62,373	31,552	33,635	56,945
Farms with net losses	number	484	302	332	416	359	540	223
Average per farm	dollars	21,552	16,094	22,675	19,211	14,855	20,938	12,662
Net cash farm income of operators (see text)	\$1,000	16,246	33,165	23,083	44,296	12,370	17,238	16,635
Average per farm	dollars	12,893	32,294	21,119	32,909	13,063	11,938	27,451
Farm operators reporting net gains	farms	777	712	740	942	559	902	396
Average per farm	dollars	34,343	53,403	43,447	56,189	31,714	31,975	49,811
Farm operators reporting net losses	farms	483	315	353	404	388	542	210
Average per farm	dollars	21,613	15,420	25,689	21,372	13,809	21,408	14,713

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Net cash farm income of operations (see text)	\$1,000	47,605	16,639	28,186	29,541	28,327	20,734	29,848
Average per farm	dollars	45,555	16,824	26,973	28,135	33,365	44,975	36,136
Farms with net gains <sup>1</sup>	number	774	515	745	673	542	370	610
Average per farm	dollars	71,561	41,444	48,312	48,779	66,911	62,289	64,312
Farms with net losses	number	271	474	300	377	307	91	216
Average per farm	dollars	28,721	9,926	26,019	8,719	25,858	25,422	43,438
Net cash farm income of operators (see text)	\$1,000	45,334	16,533	27,356	27,803	24,361	16,875	29,587
Average per farm	dollars	43,382	16,717	26,178	26,479	28,694	36,605	35,819
Farm operators reporting net gains	farms	780	548	717	673	529	370	606
Average per farm	dollars	67,118	38,074	49,529	46,219	60,477	52,077	64,027
Farm operators reporting net losses	farms	265	441	328	377	320	91	220
Average per farm	dollars	26,480	9,823	24,865	8,761	23,847	26,301	41,880

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Net cash farm income of operations (see text)	\$1,000	9,116	21,918	17,270	46,090	42,606	20,013	37,200
Average per farm	dollars	12,857	37,530	21,216	46,462	67,308	22,872	47,693
Farms with net gains <sup>1</sup>	number	432	403	525	710	514	594	617
Average per farm	dollars	26,553	58,994	40,362	74,604	92,939	38,887	70,837
Farms with net losses	number	277	181	289	282	119	281	163
Average per farm	dollars	8,502	10,259	13,565	24,393	43,397	10,981	39,914
Net cash farm income of operators (see text)	\$1,000	8,244	21,472	14,578	42,112	40,268	16,094	34,569
Average per farm	dollars	11,627	36,766	17,909	42,452	63,615	18,394	44,320
Farm operators reporting net gains	farms	428	403	516	703	487	572	595
Average per farm	dollars	24,976	57,787	36,737	69,950	96,272	34,204	69,194
Farm operators reporting net losses	farms	281	181	298	289	146	303	185
Average per farm	dollars	8,705	10,037	14,692	24,440	45,315	11,452	35,682

See footnote(s) at end of table.

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**Table 4. Net Cash Farm Income of the Operations and Operators: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby	
Net cash farm income of operations (see text) . . . . .	\$1,000	40,303	30,299	38,723	37,052	12,441	38,811	17,492	27,527
Average per farm . . . . .	dollars	55,285	39,607	30,904	40,100	16,349	49,190	23,230	31,823
Farms with net gains <sup>1</sup> . . . . .	number	557	491	736	670	496	571	490	593
Average per farm . . . . .	dollars	83,566	66,678	67,303	63,708	33,931	89,217	53,639	58,541
Farms with net losses . . . . .	number	172	274	517	254	265	218	263	272
Average per farm . . . . .	dollars	36,301	8,903	20,912	22,174	16,560	55,654	33,425	26,428
Net cash farm income of operators (see text) . . . . .	\$1,000	35,031	26,753	38,700	35,362	11,646	34,585	16,651	25,726
Average per farm . . . . .	dollars	48,053	34,971	30,886	38,271	15,303	43,833	22,112	29,741
Farm operators reporting net gains . . . . .	farms	534	471	723	652	510	545	490	594
Average per farm . . . . .	dollars	78,258	62,712	67,942	63,491	30,836	83,803	49,976	54,759
Farm operators reporting net losses . . . . .	farms	195	294	530	272	251	244	263	271
Average per farm . . . . .	dollars	34,663	9,471	19,665	22,183	16,259	45,443	29,800	25,095

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren	
Net cash farm income of operations (see text) . . . . .	\$1,000	106,105	37,816	30,304	14,643	10,319	6,368	5,138	15,224
Average per farm . . . . .	dollars	63,574	38,825	26,192	18,419	14,763	7,328	6,095	11,395
Farms with net gains <sup>1</sup> . . . . .	number	1,200	600	833	478	466	428	411	834
Average per farm . . . . .	dollars	106,799	72,837	49,142	41,277	41,807	29,334	24,230	23,382
Farms with net losses . . . . .	number	469	374	324	317	233	441	432	502
Average per farm . . . . .	dollars	47,023	15,739	32,813	16,049	39,327	14,029	11,158	8,519
Net cash farm income of operators (see text) . . . . .	\$1,000	121,149	31,659	29,630	13,113	11,348	3,516	4,966	14,731
Average per farm . . . . .	dollars	72,588	32,505	25,610	16,495	16,234	4,046	5,891	11,027
Farm operators reporting net gains . . . . .	farms	1,221	590	832	477	470	419	413	830
Average per farm . . . . .	dollars	114,149	64,208	48,114	38,265	37,953	25,971	22,728	23,088
Farm operators reporting net losses . . . . .	farms	448	384	325	318	229	450	430	506
Average per farm . . . . .	dollars	40,686	16,206	32,002	16,160	28,342	16,368	10,280	8,758

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright	
Net cash farm income of operations (see text) . . . . .	\$1,000	41,600	11,870	47,986	17,474	32,642	38,733	16,868	54,832
Average per farm . . . . .	dollars	34,695	15,026	51,597	27,825	21,805	33,710	28,639	72,819
Farms with net gains <sup>1</sup> . . . . .	number	888	556	683	395	922	755	420	629
Average per farm . . . . .	dollars	55,429	29,278	79,232	54,226	46,741	59,894	48,819	90,779
Farms with net losses . . . . .	number	311	234	247	233	575	394	169	124
Average per farm . . . . .	dollars	24,504	18,839	24,818	16,931	18,179	16,466	21,513	18,287
Net cash farm income of operators (see text) . . . . .	\$1,000	38,050	10,713	34,050	14,288	30,563	35,699	15,665	50,141
Average per farm . . . . .	dollars	31,734	13,561	36,613	22,752	20,416	31,070	26,595	66,589
Farm operators reporting net gains . . . . .	farms	887	554	666	399	921	741	419	608
Average per farm . . . . .	dollars	51,227	28,582	61,713	46,158	44,501	56,692	46,521	87,805
Farm operators reporting net losses . . . . .	farms	312	236	264	229	576	408	170	145
Average per farm . . . . .	dollars	23,683	21,699	26,707	18,030	18,093	15,465	22,516	22,376

<sup>1</sup> Farms with total production expenses equal to total of market value of agricultural products sold, government payments, and farm-related income are included as farms with gains.

**Table 5. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton	
<b>GOVERNMENT PAYMENTS</b>								
Total received	farms, 2002	63,074	574	425	799	534	480	824
	1997	71,439	621	469	793	527	526	934
	\$1,000, 2002	538,896	4,872	4,150	7,183	3,629	4,678	7,104
	1997	562,555	4,384	3,619	5,011	3,100	4,663	7,977
Average per farm	dollars, 2002	8,544	8,487	9,765	8,990	6,796	9,745	8,621
	1997	7,875	7,060	7,715	6,319	5,883	8,864	8,540
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 2002	30,454	296	264	482	322	240	356
	1997	25,841	263	260	399	297	199	320
	\$1,000, 2002	150,444	1,951	2,184	3,377	2,162	1,689	1,548
	1997	139,366	1,618	1,779	2,474	1,978	1,054	1,703
Average per farm	dollars, 2002	4,940	6,590	8,272	7,006	6,714	7,037	4,348
	1997	5,393	6,154	6,842	6,202	6,659	5,296	5,321
Amount from other federal farm programs	farms, 2002	45,009	395	270	421	327	322	630
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	388,452	2,921	1,967	3,806	1,467	2,989	5,556
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Average per farm	dollars, 2002	8,631	7,395	7,283	9,041	4,486	9,281	8,819
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	farms, 2002	17,025	126	78	157	44	138	267
	1997	13,252	103	58	139	28	100	200
	\$1,000, 2002	709,718	4,425	2,538	3,788	632	9,082	12,624
	1997	522,904	3,907	2,143	2,060	630	4,348	11,364
Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun	
<b>GOVERNMENT PAYMENTS</b>								
Total received	farms, 2002	635	520	669	665	642	808	560
	1997	795	668	765	828	706	875	652
	\$1,000, 2002	4,967	4,303	4,239	5,799	4,814	6,543	4,524
	1997	6,269	5,322	8,552	7,590	5,509	7,077	5,095
Average per farm	dollars, 2002	7,823	8,276	6,336	8,721	7,499	8,098	8,079
	1997	7,886	7,966	11,179	9,167	7,804	8,089	7,815
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 2002	255	214	303	262	232	440	272
	1997	180	157	187	169	121	329	128
	\$1,000, 2002	703	739	680	682	484	1,504	766
	1997	381	421	489	537	366	1,572	328
Average per farm	dollars, 2002	2,756	3,453	2,243	2,603	2,086	3,417	2,814
	1997	2,116	2,682	2,613	3,176	3,023	4,778	2,559
Amount from other federal farm programs	farms, 2002	509	419	517	541	529	554	420
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	4,265	3,564	3,559	5,118	4,331	5,040	3,759
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Average per farm	dollars, 2002	8,378	8,507	6,885	9,459	8,186	9,097	8,949
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	farms, 2002	177	149	233	289	175	234	177
	1997	157	92	182	189	122	160	112
	\$1,000, 2002	7,457	4,521	10,075	15,254	7,222	10,669	5,836
	1997	6,727	2,918	7,300	8,845	4,499	6,470	3,121
Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke	
<b>GOVERNMENT PAYMENTS</b>								
Total received	farms, 2002	713	548	719	577	539	687	478
	1997	863	626	743	682	712	752	516
	\$1,000, 2002	4,808	4,879	7,124	5,483	3,888	4,694	2,941
	1997	5,295	5,031	7,758	6,693	5,326	5,646	3,396
Average per farm	dollars, 2002	6,744	8,902	9,909	9,503	7,213	6,832	6,153
	1997	6,136	8,037	10,441	9,813	7,480	7,508	6,581
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 2002	342	231	347	240	134	350	275
	1997	140	213	237	224	129	233	317
	\$1,000, 2002	873	1,320	1,517	792	391	1,048	1,682
	1997	574	1,331	1,094	1,017	599	827	2,314
Average per farm	dollars, 2002	2,553	5,713	4,371	3,301	2,915	2,994	6,117
	1997	4,103	6,250	4,616	4,539	4,644	3,551	7,300
Amount from other federal farm programs	farms, 2002	553	413	519	439	467	484	311
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	3,935	3,559	5,607	4,691	3,497	3,646	1,259
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Average per farm	dollars, 2002	7,116	8,617	10,804	10,685	7,489	7,532	4,048
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	farms, 2002	245	154	228	214	217	211	71
	1997	157	112	177	170	172	201	50
	\$1,000, 2002	6,590	7,214	12,429	14,498	7,381	11,024	950
	1997	3,582	4,511	9,174	9,982	6,619	9,720	1,177

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**Table 5. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>GOVERNMENT PAYMENTS</b>							
Total received	503	1,160	843	613	578	630	542
1997	565	1,296	1,012	849	648	601	528
\$1,000, 2002	4,485	10,384	8,617	5,943	4,613	4,952	4,078
1997	4,929	9,414	9,443	6,086	5,109	3,896	3,375
Average per farm	8,916	8,952	10,222	9,695	7,980	7,861	7,524
1997	8,725	7,264	9,331	7,168	7,884	6,483	6,392
Amount from Conservation Reserve and Wetlands Reserve Programs	159	640	314	243	292	421	343
1997	186	567	335	248	231	371	338
\$1,000, 2002	580	4,274	1,954	1,189	816	2,793	2,253
1997	1,001	3,655	2,294	1,418	809	2,537	2,292
Average per farm	3,648	6,679	6,224	4,892	2,795	6,634	6,568
1997	5,381	6,447	6,848	5,719	3,501	6,838	6,782
Amount from other federal farm programs	430	682	631	465	390	352	301
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	3,905	6,110	6,663	4,754	3,797	2,159	1,825
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Average per farm	9,081	8,959	10,559	10,224	9,735	6,135	6,063
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>COMMODITY CREDIT CORPORATION LOANS</b>							
Total	167	257	295	165	137	57	57
1997	124	246	241	171	94	54	43
\$1,000, 2002	7,376	7,404	14,686	6,660	7,434	2,465	1,553
1997	5,957	7,163	11,991	7,781	5,531	1,605	1,223

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>GOVERNMENT PAYMENTS</b>								
Total received	919	478	361	973	365	1,007	682	599
1997	1,010	521	443	1,163	469	1,071	709	720
\$1,000, 2002	8,283	3,043	2,824	7,915	3,671	8,969	5,133	5,171
1997	7,349	3,485	3,724	6,011	4,558	7,910	5,981	9,038
Average per farm	9,013	6,366	7,824	8,135	10,059	8,906	7,527	8,632
1997	7,276	6,688	8,406	5,168	9,718	7,385	8,435	12,553
Amount from Conservation Reserve and Wetlands Reserve Programs	409	231	119	448	134	578	376	274
1997	295	184	174	375	162	336	288	203
\$1,000, 2002	1,460	750	503	2,776	538	2,352	1,276	792
1997	1,138	728	926	1,994	1,057	1,328	1,099	815
Average per farm	3,571	3,248	4,223	6,196	4,011	4,069	3,394	2,890
1997	3,859	3,959	5,322	5,316	6,523	3,952	3,817	4,014
Amount from other federal farm programs	708	349	295	655	295	677	454	463
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	6,822	2,292	2,322	5,140	3,134	6,617	3,857	4,379
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Average per farm	9,636	6,569	7,871	7,847	10,624	9,774	8,496	9,457
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	324	87	122	258	181	281	224	232
1997	307	74	84	198	157	280	165	224
\$1,000, 2002	10,402	3,018	4,152	3,968	12,799	12,020	12,179	13,619
1997	9,121	2,597	3,727	3,197	9,033	10,226	11,829	11,375

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>GOVERNMENT PAYMENTS</b>								
Total received	402	486	501	638	606	610	595	573
1997	502	628	609	681	656	732	672	680
\$1,000, 2002	4,287	5,343	5,451	5,501	4,837	5,067	5,438	6,244
1997	3,872	5,093	6,880	4,907	5,888	7,135	6,652	4,971
Average per farm	10,664	10,993	10,880	8,622	7,981	8,307	9,140	10,897
1997	7,713	8,110	11,296	7,206	8,976	9,748	9,899	7,310
Amount from Conservation Reserve and Wetlands Reserve Programs	144	235	190	349	294	255	275	248
1997	173	188	90	304	150	184	140	219
\$1,000, 2002	686	732	401	1,997	793	543	764	1,256
1997	810	674	167	1,884	457	628	457	986
Average per farm	4,767	3,113	2,109	5,723	2,699	2,128	2,779	5,066
1997	4,684	3,585	1,854	6,197	3,047	3,413	3,261	4,504
Amount from other federal farm programs	314	379	410	422	468	485	440	438
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	3,601	4,611	5,050	3,503	4,043	4,525	4,674	4,987
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Average per farm	11,467	12,167	12,317	8,302	8,639	9,329	10,623	11,387
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	114	167	186	106	194	225	216	175
1997	80	110	131	73	154	209	161	118
\$1,000, 2002	5,401	5,120	9,257	5,340	11,730	9,239	15,417	6,711
1997	3,164	2,735	5,287	2,224	7,427	10,068	6,623	4,837

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**Table 5. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>GOVERNMENT PAYMENTS</b>								
Total received	606	706	451	419	743	896	802	605
..... farms, 2002	680	716	492	486	824	995	909	644
..... 1997	\$1,000, 2002	5,365	5,613	3,758	4,238	7,172	7,546	6,418
..... 1997	5,029	5,411	4,081	3,862	7,339	6,580	7,355	5,093
Average per farm	8,854	7,951	8,333	10,115	9,653	8,421	8,002	8,419
..... dollars, 2002	7,395	7,557	8,294	7,946	8,907	6,613	8,091	6,853
..... 1997								
Amount from Conservation Reserve and Wetlands Reserve Programs	375	424	192	177	418	493	320	405
..... farms, 2002	333	331	69	131	441	445	326	378
..... 1997	\$1,000, 2002	2,048	2,019	466	698	3,364	4,106	1,533
..... 1997	1,932	1,493	178	564	3,215	3,178	1,550	2,635
Average per farm	5,462	4,763	2,426	3,942	8,048	8,328	4,792	6,506
..... dollars, 2002	5,803	4,509	2,581	4,306	7,291	7,141	5,675	5,781
..... 1997	374	436	380	312	470	538	605	351
Amount from other federal farm programs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... 1997	\$1,000, 2002	3,317	3,594	3,292	3,541	3,808	3,440	4,885
..... 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2,458
Average per farm	8,870	8,242	8,664	11,348	8,102	6,394	8,074	7,004
..... dollars, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... 1997								
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	103	192	164	102	155	160	216	99
..... farms, 2002	91	164	117	107	108	159	147	72
..... 1997	\$1,000, 2002	3,989	8,258	5,729	5,750	6,399	3,898	8,346
..... 1997	3,535	8,803	4,309	5,373	3,399	2,977	5,131	3,369

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>GOVERNMENT PAYMENTS</b>								
Total received	773	716	839	1,038	624	871	456	495
..... farms, 2002	896	833	816	1,205	636	1,082	507	507
..... 1997	\$1,000, 2002	6,135	6,650	8,559	10,247	4,961	6,016	4,547
..... 1997	6,626	7,151	7,842	10,689	3,951	6,850	4,630	3,411
Average per farm	7,936	9,288	10,201	9,872	7,951	6,907	9,971	7,361
..... dollars, 2002	7,395	8,585	9,610	8,871	6,213	6,331	9,133	6,728
..... 1997								
Amount from Conservation Reserve and Wetlands Reserve Programs	397	306	549	397	349	389	268	316
..... farms, 2002	374	242	502	227	325	421	249	336
..... 1997	\$1,000, 2002	2,161	1,681	4,335	1,107	1,610	1,516	1,631
..... 1997	2,497	1,445	4,007	709	1,558	2,026	1,623	2,432
Average per farm	5,443	5,493	7,897	2,788	4,613	3,898	6,085	7,326
..... dollars, 2002	6,676	5,973	7,983	3,125	4,793	4,813	6,518	7,237
..... 1997	500	522	491	851	407	614	305	283
Amount from other federal farm programs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... 1997	\$1,000, 2002	3,974	4,969	4,224	9,140	3,352	4,500	2,916
..... 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1,329
Average per farm	7,948	9,520	8,602	10,741	8,235	7,328	9,560	4,695
..... dollars, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... 1997								
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	163	211	139	406	87	216	109	42
..... farms, 2002	105	195	151	365	76	129	83	32
..... 1997	\$1,000, 2002	4,578	8,306	7,338	22,737	3,357	8,746	5,182
..... 1997	3,415	9,249	6,179	15,552	3,079	5,918	3,331	633

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>GOVERNMENT PAYMENTS</b>								
Total received	691	586	783	699	592	323	583	454
..... farms, 2002	871	754	844	736	746	378	640	590
..... 1997	\$1,000, 2002	4,860	3,564	6,330	4,733	5,757	3,585	4,379
..... 1997	4,825	4,040	6,375	4,217	7,279	3,168	5,081	5,010
Average per farm	7,033	6,081	8,084	6,771	9,724	11,100	7,511	9,693
..... dollars, 2002	5,539	5,358	7,553	5,730	9,758	8,380	7,939	8,492
..... 1997								
Amount from Conservation Reserve and Wetlands Reserve Programs	144	309	450	414	276	111	267	151
..... farms, 2002	170	348	440	393	288	115	184	185
..... 1997	\$1,000, 2002	412	1,606	2,904	2,132	1,111	428	743
..... 1997	608	1,729	2,406	1,772	1,463	494	612	1,161
Average per farm	2,864	5,197	6,453	5,149	4,026	3,852	2,782	5,180
..... dollars, 2002	3,574	4,968	5,468	4,508	5,080	4,292	3,326	6,274
..... 1997	630	381	504	414	437	264	442	372
Amount from other federal farm programs	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... 1997	\$1,000, 2002	4,448	1,958	3,426	2,601	4,645	3,636	3,618
..... 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Average per farm	7,060	5,139	6,797	6,283	10,630	11,961	8,227	9,727
..... dollars, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... 1997								
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	269	115	167	109	132	79	194	148
..... farms, 2002	221	87	107	70	106	59	140	112
..... 1997	\$1,000, 2002	7,520	3,458	4,581	3,533	7,402	2,796	10,162
..... 1997	6,815	2,212	3,157	3,001	5,921	1,691	5,843	3,580

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**Table 5. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>GOVERNMENT PAYMENTS</b>								
Total received	460	442	568	701	482	645	599	856
farms, 2002	466	486	605	781	519	696	686	1,137
1997	3,413	4,252	5,376	5,705	4,611	4,664	5,135	6,441
\$1,000, 2002	2,708	3,852	4,793	5,587	3,902	4,516	6,192	8,114
1997	7,420	9,620	9,466	8,138	9,566	7,231	8,573	7,524
Average per farm	5,812	7,926	7,923	7,154	7,518	6,488	9,026	7,137
dollars, 2002								
1997								
Amount from Conservation Reserve and Wetlands Reserve Programs	250	214	274	210	196	330	305	260
farms, 2002	246	231	221	129	122	319	221	321
1997	1,746	1,294	1,267	506	677	1,779	1,125	1,199
\$1,000, 2002	1,654	1,315	1,027	395	462	1,972	1,209	1,680
1997	6,983	6,046	4,624	2,408	3,454	5,390	3,689	4,611
Average per farm	6,724	5,694	4,647	3,059	3,783	6,180	5,470	5,235
dollars, 2002	304	313	400	599	390	470	436	699
farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	1,668	2,958	4,110	5,199	3,934	2,885	4,010	5,242
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	5,485	9,450	10,274	8,679	10,086	6,139	9,197	7,499
Average per farm	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
dollars, 2002								
1997								
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	44	109	140	312	177	124	245	285
farms, 2002	26	83	121	229	123	66	212	222
1997	1,158	6,034	7,144	10,613	6,655	2,826	13,476	8,699
\$1,000, 2002	412	2,977	5,923	7,595	4,021	2,035	8,823	6,112
1997								
Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>GOVERNMENT PAYMENTS</b>								
Total received	575	408	804	721	565	564	468	623
farms, 2002	694	539	981	821	581	636	558	738
1997	4,661	3,259	8,636	6,234	4,874	4,644	4,675	5,470
\$1,000, 2002	6,152	4,156	7,759	7,384	4,210	5,129	5,410	5,934
1997	8,106	7,987	10,742	8,646	8,627	8,234	9,990	8,780
Average per farm	8,865	7,711	7,909	8,993	7,246	8,065	9,696	8,040
dollars, 2002								
1997								
Amount from Conservation Reserve and Wetlands Reserve Programs	261	170	260	391	385	215	139	192
farms, 2002	131	188	187	424	380	119	101	170
1997	578	699	940	2,537	3,117	495	493	777
\$1,000, 2002	458	865	799	3,362	2,980	272	430	679
1997	2,215	4,113	3,617	6,487	8,096	2,305	3,550	4,045
Average per farm	3,494	4,602	4,270	7,930	4,270	2,285	4,254	3,994
dollars, 2002	479	294	658	465	325	482	391	535
farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	4,083	2,559	7,696	3,697	1,757	4,149	4,182	4,693
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	8,524	8,706	11,696	7,951	5,406	8,607	10,695	8,772
Average per farm	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
dollars, 2002								
1997								
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	179	91	215	152	68	224	146	229
farms, 2002	141	51	170	121	51	145	107	144
1997	7,124	4,081	7,282	4,670	1,890	9,162	5,211	7,071
\$1,000, 2002	5,121	2,073	6,090	4,323	1,106	6,925	4,819	4,538
1997								
Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>GOVERNMENT PAYMENTS</b>								
Total received	995	631	816	618	491	565	515	794
farms, 2002	1,177	728	898	628	533	617	549	831
1997	8,198	5,577	7,708	6,650	3,563	3,646	3,909	4,503
\$1,000, 2002	7,632	5,636	8,321	5,392	3,330	3,613	3,092	4,268
1997	8,239	8,838	9,446	10,761	7,256	6,452	7,590	5,671
Average per farm	6,484	7,742	9,266	8,586	6,247	5,855	5,633	5,136
dollars, 2002								
1997								
Amount from Conservation Reserve and Wetlands Reserve Programs	279	251	379	394	285	350	322	496
farms, 2002	139	176	369	405	308	364	289	399
1997	681	672	2,108	3,729	1,795	1,921	1,835	2,140
\$1,000, 2002	368	467	2,196	3,209	1,901	2,071	1,350	1,840
1997	2,439	2,678	5,562	9,464	6,299	5,489	5,699	4,315
Average per farm	2,650	2,653	5,950	7,922	6,172	5,691	4,672	4,612
dollars, 2002	870	508	587	381	300	330	291	459
farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	7,517	4,904	5,600	2,922	1,767	1,724	2,074	2,363
\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1997	8,640	9,654	9,540	7,668	5,892	5,226	7,127	5,147
Average per farm	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
dollars, 2002								
1997								
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total	366	216	219	90	68	69	83	112
farms, 2002	272	135	193	64	57	65	52	70
1997	8,289	8,389	11,323	3,066	1,873	1,411	2,570	4,180
\$1,000, 2002	5,841	4,552	8,639	2,983	1,636	1,632	2,084	2,629
1997								

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**Table 5. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>GOVERNMENT PAYMENTS</b>								
Total received . . . . . farms, 2002	878	566	688	485	1,012	693	454	581
1997	803	572	758	524	1,169	997	528	598
\$1,000, 2002	8,663	5,133	6,320	4,546	8,014	7,205	3,723	5,048
1997	6,821	4,763	6,018	5,367	7,033	9,973	4,905	6,360
Average per farm . . . . . dollars, 2002	9,866	9,069	9,186	9,373	7,919	10,396	8,199	8,688
1997	8,494	8,327	7,940	10,242	6,016	10,003	9,290	10,636
Amount from Conservation Reserve and Wetlands Reserve Programs . . . . . farms, 2002	586	383	352	259	540	299	210	292
1997	373	363	144	193	517	441	200	155
\$1,000, 2002	3,976	2,893	810	962	2,924	2,223	662	974
1997	2,220	3,046	324	960	2,665	2,975	946	522
Average per farm . . . . . dollars, 2002	6,785	7,552	2,300	3,714	5,414	7,434	3,152	3,337
1997	5,951	8,391	2,251	4,976	5,155	6,745	4,729	3,370
Amount from other federal farm programs . . . . . farms, 2002	539	335	539	320	646	466	337	435
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	4,687	2,241	5,510	3,584	5,090	4,982	3,061	4,073
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Average per farm . . . . . dollars, 2002	8,695	6,688	10,223	11,201	7,879	10,691	9,082	9,364
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total . . . . . farms, 2002	176	68	205	191	245	230	195	164
1997	164	50	123	168	185	188	151	121
\$1,000, 2002	7,683	2,436	7,680	14,608	6,461	11,094	12,811	7,970
1997	5,124	1,375	4,142	13,083	3,940	10,101	7,079	5,011

**Table 6. Income From Farm-Related Sources: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	40,681	316	229	542	211	322	538
1997	41,908	400	240	598	227	295	491
\$1,000, 2002	339,770	2,790	1,684	3,495	1,076	3,858	4,595
1997	274,702	2,395	2,333	2,766	659	1,231	3,798
Average per farm . . . . . dollars, 2002	8,352	8,828	7,352	6,448	5,099	11,980	8,540
1997	6,555	5,988	9,723	4,626	2,904	4,172	7,735
Customwork and other agricultural services . . . . . farms, 2002	10,771	92	57	87	53	72	165
1997	11,154	86	37	69	75	32	151
\$1,000, 2002	103,243	996	330	716	271	1,390	1,832
1997	90,652	926	288	741	224	334	955
Gross cash rent or share payments (see text) . . . . . farms, 2002	12,081	122	80	196	83	100	149
1997	12,152	149	100	195	117	51	164
\$1,000, 2002	170,001	1,403	1,225	1,740	551	1,757	1,992
1997	143,658	1,010	1,952	949	418	531	2,506
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	688	3	-	66	12	2	16
1997	820	-	-	77	-	-	-
\$1,000, 2002	4,934	(D)	-	617	62	(D)	139
1997	4,249	-	-	628	-	-	-
Recreational services (see text) . . . . . farms, 2002	256	2	4	4	10	2	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	880	(D)	(D)	(D)	108	(D)	(Z)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	24,233	154	116	317	65	214	327
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	27,174	93	45	210	14	287	163
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	8,445	94	61	104	53	66	89
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	33,537	285	(D)	(D)	69	(D)	468
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	467	387	445	438	454	435	401
1997	533	420	486	465	521	418	437
\$1,000, 2002	4,707	2,746	2,741	4,206	3,255	4,556	3,064
1997	2,826	1,986	2,477	3,156	3,363	4,196	2,042
Average per farm . . . . . dollars, 2002	10,078	7,097	6,160	9,604	7,171	10,473	7,640
1997	5,301	4,728	5,096	6,787	6,455	10,039	4,673
Customwork and other agricultural services . . . . . farms, 2002	120	113	134	173	132	148	111
1997	138	136	191	154	152	162	124
\$1,000, 2002	1,066	1,103	860	1,926	1,431	1,058	999
1997	1,039	658	1,362	768	2,042	559	801
Gross cash rent or share payments (see text) . . . . . farms, 2002	140	96	110	125	86	148	71
1997	144	113	152	141	99	134	53
\$1,000, 2002	2,696	1,051	1,390	1,775	1,080	3,039	1,375
1997	1,306	1,087	836	2,227	781	3,403	543
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	4	6	10	6	-	4	-
1997	13	-	13	10	-	7	8
\$1,000, 2002	(D)	(D)	52	44	-	(D)	-
1997	6	-	33	25	-	7	1
Recreational services (see text) . . . . . farms, 2002	1	1	-	5	2	1	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	-	22	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	307	258	248	221	350	210	316
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	210	301	152	157	223	104	526
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	93	67	107	113	105	106	69
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	691	238	287	283	(D)	349	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	553	294	432	397	452	498	251
1997	577	262	397	451	386	470	240
\$1,000, 2002	4,471	2,296	3,957	4,561	3,466	3,663	1,264
1997	4,088	1,751	4,280	3,360	3,079	2,458	1,185
Average per farm . . . . . dollars, 2002	8,085	7,809	9,160	11,488	7,668	7,356	5,036
1997	7,085	6,685	10,781	7,451	7,977	5,229	4,939
Customwork and other agricultural services . . . . . farms, 2002	115	79	150	121	122	119	45
1997	126	74	146	88	99	91	78
\$1,000, 2002	1,219	718	1,101	1,564	1,439	845	236
1997	1,768	594	1,271	892	1,277	1,019	465
Gross cash rent or share payments (see text) . . . . . farms, 2002	139	103	142	115	100	132	96
1997	106	89	116	140	83	132	87
\$1,000, 2002	2,582	1,339	2,348	2,251	1,701	2,093	848
1997	1,650	1,012	2,510	2,101	1,421	941	615
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	-	2	4	-	-	3	11
1997	-	1	13	6	-	8	8
\$1,000, 2002	-	(D)	(D)	-	-	(D)	(D)
1997	-	(D)	97	(Z)	-	14	6
Recreational services (see text) . . . . . farms, 2002	1	2	1	4	1	2	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	20	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	404	143	233	256	344	324	108
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	339	67	163	310	220	315	23
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	160	74	76	80	94	112	80
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	334	416	(D)	383	93
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	361	771	496	475	354	321	270
1997	335	945	501	526	394	209	233
\$1,000, 2002	2,842	6,239	4,735	4,008	2,984	2,045	1,589
1997	1,881	4,962	2,936	3,808	3,303	876	826
Average per farm . . . . . dollars, 2002	7,872	8,092	9,547	8,437	8,430	6,371	5,886
1997	5,616	5,250	5,860	7,239	8,383	4,192	3,547
Customwork and other agricultural services . . . . . farms, 2002	85	161	171	114	98	65	59
1997	80	162	164	102	161	84	75
\$1,000, 2002	1,146	1,363	1,651	881	1,390	713	449
1997	739	1,135	1,220	772	2,232	514	433
Gross cash rent or share payments (see text) . . . . . farms, 2002	84	238	154	152	104	128	126
1997	104	282	146	176	115	80	82
\$1,000, 2002	1,189	2,951	2,390	2,438	970	692	704
1997	789	2,646	1,381	2,581	858	323	304
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	-	77	6	2	6	15	6
1997	6	72	8	-	-	20	14
\$1,000, 2002	-	576	5	(D)	10	(D)	(D)
1997	(Z)	673	36	-	-	17	53
Recreational services (see text) . . . . . farms, 2002	-	8	-	3	-	4	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	-	5	-	(D)	-	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	262	446	227	290	221	109	104
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	209	433	242	299	187	129	41
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	58	192	117	107	66	93	84
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	298	910	447	357	428	411	303
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	647	207	287	683	266	645	364	363
1997	726	246	321	640	339	609	424	389
\$1,000, 2002	4,683	1,843	2,586	4,860	1,396	5,631	3,623	4,450
1997	3,652	2,286	2,061	3,531	2,042	3,645	3,136	3,678
Average per farm . . . . . dollars, 2002	7,238	8,903	9,012	7,116	5,248	8,730	9,952	12,259
1997	5,030	9,293	6,421	5,517	6,025	5,986	7,396	9,455
Customwork and other agricultural services . . . . . farms, 2002	195	62	72	122	56	139	100	131
1997	162	92	101	126	45	124	93	131
\$1,000, 2002	1,661	631	662	1,508	580	1,299	845	1,331
1997	1,110	741	703	1,256	334	809	719	988
Gross cash rent or share payments (see text) . . . . . farms, 2002	144	84	67	221	49	217	130	108
1997	146	82	79	216	98	133	188	154
\$1,000, 2002	2,200	903	1,512	2,208	447	3,226	2,404	2,396
1997	1,865	1,380	1,039	1,508	1,281	1,792	2,271	2,260
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	11	6	-	24	-	16	7	-
1997	27	14	-	32	7	18	1	1
\$1,000, 2002	31	36	-	(D)	-	194	(D)	-
1997	139	106	-	410	12	370	(D)	(D)
Recreational services (see text) . . . . . farms, 2002	3	5	3	2	-	-	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(Z)	4	13	(D)	-	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	450	58	222	386	228	388	185	191
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	305	18	207	395	223	427	233	402
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	140	47	46	162	40	143	85	88
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	486	251	194	445	146	485	133	321
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	213	399	389	409	433	463	468	343
1997	221	449	454	349	469	619	502	309
\$1,000, 2002	3,296	3,087	4,577	2,984	4,495	4,118	5,107	3,986
1997	3,070	2,833	5,540	1,762	4,120	2,508	3,001	2,140
Average per farm . . . . . dollars, 2002	15,473	7,737	11,765	7,295	10,381	8,893	10,912	11,622
1997	13,893	6,310	12,202	5,049	8,784	4,052	5,979	6,924
Customwork and other agricultural services . . . . . farms, 2002	119	117	151	87	103	130	133	85
1997	95	118	145	78	164	170	87	56
\$1,000, 2002	1,371	1,223	2,083	868	941	1,118	1,378	755
1997	982	791	2,960	670	1,689	764	861	302
Gross cash rent or share payments (see text) . . . . . farms, 2002	72	89	85	163	87	99	120	147
1997	77	76	110	128	111	105	112	101
\$1,000, 2002	1,583	1,292	1,817	1,856	2,224	2,091	2,791	2,864
1997	2,021	1,394	1,974	785	1,585	978	1,082	1,636
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	1	-	1	5	2	1	3	4
1997	-	1	-	-	-	-	16	8
\$1,000, 2002	(D)	-	(D)	2	(D)	(D)	(D)	(D)
1997	-	(D)	-	-	-	-	60	46
Recreational services (see text) . . . . . farms, 2002	5	2	3	6	2	-	2	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	(D)	5	(D)	-	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	28	313	221	218	355	352	329	162
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	11	369	172	113	857	609	357	44
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	36	58	81	77	52	75	85	63
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	299	(D)	504	139	(D)	(D)	504	304
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	285	437	370	231	485	564	518	252
1997	306	402	416	249	482	540	669	355
\$1,000, 2002	2,490	3,872	3,499	2,686	4,039	4,445	4,028	1,881
1997	1,817	1,655	3,920	1,598	2,395	3,511	3,740	2,189
Average per farm . . . . . dollars, 2002	8,738	8,861	9,458	11,628	8,327	7,881	7,775	7,466
1997	5,939	4,117	9,424	6,419	4,968	6,502	5,590	6,166
Customwork and other agricultural services . . . . . farms, 2002	90	100	81	48	113	136	151	82
1997	94	78	91	90	131	126	125	97
\$1,000, 2002	868	989	1,018	374	1,339	927	1,076	596
1997	583	522	793	406	764	1,012	1,405	315
Gross cash rent or share payments (see text) . . . . . farms, 2002	91	139	65	93	171	251	161	90
1997	85	97	94	60	189	239	199	163
\$1,000, 2002	1,153	2,285	1,593	2,146	2,253	2,423	1,955	953
1997	1,123	803	2,195	1,123	1,209	1,951	1,767	1,780
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	5	6	1	-	9	33	2	5
1997	24	17	-	-	7	36	9	12
\$1,000, 2002	(D)	54	(D)	-	34	328	(D)	(D)
1997	11	108	-	-	80	52	34	24
Recreational services (see text) . . . . . farms, 2002	6	-	-	-	6	1	3	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	-	-	-	8	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	116	293	306	107	274	237	295	91
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	299	296	686	63	128	507	186	20
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	58	76	64	58	97	149	88	70
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	134	248	(D)	103	277	(D)	782	270
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	466	450	348	810	276	619	219	233
1997	399	484	369	700	186	613	246	316
\$1,000, 2002	3,608	3,868	2,799	6,391	1,840	4,177	2,190	1,371
1997	2,160	2,184	1,883	3,918	1,408	3,435	2,099	1,961
Average per farm . . . . . dollars, 2002	7,743	8,595	8,043	7,891	6,666	6,749	10,000	5,886
1997	5,414	4,512	5,102	5,597	7,572	5,603	8,531	6,207
Customwork and other agricultural services . . . . . farms, 2002	133	138	84	172	79	139	68	49
1997	149	107	83	188	90	155	64	73
\$1,000, 2002	1,038	1,449	709	1,790	396	949	813	234
1997	887	517	344	1,044	894	696	806	174
Gross cash rent or share payments (see text) . . . . . farms, 2002	162	131	149	163	115	190	70	113
1997	117	161	148	153	76	181	102	153
\$1,000, 2002	1,815	1,756	1,594	3,294	833	2,387	986	847
1997	1,034	1,322	1,289	2,154	429	2,425	1,236	1,687
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	9	14	21	-	17	31	9	11
1997	29	12	11	10	1	22	6	-
\$1,000, 2002	(D)	154	153	-	113	324	(D)	77
1997	90	33	58	23	(D)	93	5	-
Recreational services (see text) . . . . . farms, 2002	1	3	4	6	7	7	1	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	26	1	2	22	4	(D)	10
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	184	238	118	646	70	381	88	66
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	115	146	24	707	192	126	27	19
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	127	118	70	172	48	107	29	57
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	627	337	317	597	283	388	265	185
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	657	397	382	389	371	161	475	300
1997	637	371	372	399	452	204	406	323
\$1,000, 2002	4,517	2,852	3,856	1,810	3,711	1,781	4,545	3,100
1997	3,544	1,355	3,052	1,610	3,908	1,607	2,631	2,591
Average per farm . . . . . dollars, 2002	6,876	7,185	10,094	4,653	10,003	11,063	9,569	10,332
1997	5,564	3,653	8,204	4,034	8,646	7,878	6,480	8,023
Customwork and other agricultural services . . . . . farms, 2002	173	109	107	68	116	63	113	104
1997	142	98	118	99	162	54	116	76
\$1,000, 2002	1,883	666	737	337	1,224	539	1,415	1,003
1997	614	428	1,113	579	1,991	143	625	796
Gross cash rent or share payments (see text) . . . . . farms, 2002	126	145	139	147	126	44	118	83
1997	193	149	167	161	148	76	71	85
\$1,000, 2002	1,361	1,376	2,264	1,134	1,736	953	2,047	1,532
1997	1,943	781	1,781	912	1,581	1,346	1,472	1,333
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	1	7	12	3	3	2	7	3
1997	-	17	4	-	-	-	-	1
\$1,000, 2002	(D)	49	(D)	(D)	(D)	(D)	33	9
1997	-	22	2	-	-	-	-	(D)
Recreational services (see text) . . . . . farms, 2002	1	-	2	2	2	1	3	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	-	(D)	(D)	(D)	(D)	20	19
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	550	192	162	226	184	42	341	179
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	850	276	76	78	136	9	674	311
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	107	98	83	95	74	46	81	58
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	487	687	234	585	(D)	355	226
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	185	256	315	518	386	340	426	724
1997	132	314	270	553	407	320	380	633
\$1,000, 2002	783	2,784	2,290	3,443	3,848	2,531	2,961	4,109
1997	1,000	2,485	2,905	3,140	2,194	2,434	1,288	4,626
Average per farm . . . . . dollars, 2002	4,235	10,876	7,268	6,647	9,970	7,444	6,951	5,676
1997	7,579	7,915	10,758	5,678	5,392	7,608	3,390	7,307
Customwork and other agricultural services . . . . . farms, 2002	40	103	73	146	79	137	89	209
1997	81	96	66	133	122	150	81	151
\$1,000, 2002	208	1,287	471	1,445	1,168	1,107	1,085	1,496
1997	635	1,426	1,247	1,106	1,062	1,353	584	2,242
Gross cash rent or share payments (see text) . . . . . farms, 2002	78	80	104	96	80	110	93	155
1997	65	110	92	89	51	92	56	130
\$1,000, 2002	401	1,007	1,257	1,376	1,414	1,149	1,283	1,727
1997	320	852	1,579	947	662	956	333	1,443
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	7	-	1	-	-	3	2	1
1997	-	-	7	-	-	6	-	-
\$1,000, 2002	(D)	-	(D)	-	-	(D)	(D)	(D)
1997	-	-	14	-	-	24	-	-
Recreational services (see text) . . . . . farms, 2002	2	3	-	-	1	2	2	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	10	-	-	(D)	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	59	139	182	399	314	126	317	541
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	8	90	213	264	654	42	306	481
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	41	52	57	119	53	85	57	147
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	94	390	(D)	359	(D)	228	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	453	313	489	410	281	375	377	426
1997	571	380	681	446	241	341	485	469
\$1,000, 2002	3,247	2,916	4,638	2,981	1,493	3,561	3,924	3,014
1997	3,927	2,419	9,358	2,754	2,086	6,182	2,738	2,126
Average per farm . . . . . dollars, 2002	7,168	9,318	9,485	7,271	5,313	9,496	10,408	7,075
1997	6,877	6,365	13,741	6,174	8,657	18,130	5,645	4,533
Customwork and other agricultural services . . . . . farms, 2002	100	84	164	121	64	101	90	103
1997	156	100	190	120	76	115	86	151
\$1,000, 2002	840	1,239	1,430	553	285	932	813	1,087
1997	1,312	711	1,808	531	1,230	1,174	536	769
Gross cash rent or share payments (see text) . . . . . farms, 2002	81	78	175	153	104	96	101	112
1997	100	77	179	129	115	97	124	84
\$1,000, 2002	1,305	810	2,394	2,156	994	2,088	2,253	1,521
1997	1,864	1,344	7,330	1,932	678	4,683	1,724	1,119
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	-	1	4	2	5	3	5	1
1997	-	1	-	-	11	-	-	-
\$1,000, 2002	-	(D)	(D)	(D)	9	(D)	(D)	(D)
1997	-	(D)	-	-	31	-	-	-
Recreational services (see text) . . . . . farms, 2002	2	-	5	1	2	1	2	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	-	(D)	(D)	37	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	386	214	180	202	138	237	264	268
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	591	380	50	157	70	225	330	109
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	79	53	104	72	69	58	64	103
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	734	(D)	97	(D)	509	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	1,039	486	537	330	273	271	157	436
1997	969	499	466	192	308	193	191	458
\$1,000, 2002	8,328	4,004	4,460	3,051	1,749	2,288	1,364	3,077
1997	5,743	3,194	4,108	1,081	881	526	1,845	1,942
Average per farm . . . . . dollars, 2002	8,015	8,239	8,305	9,244	6,406	8,444	8,689	7,057
1997	5,927	6,401	8,815	5,628	2,862	2,727	9,657	4,241
Customwork and other agricultural services . . . . . farms, 2002	277	136	155	89	59	72	45	108
1997	310	194	120	62	48	80	40	149
\$1,000, 2002	3,121	1,670	1,771	817	421	398	261	849
1997	2,749	1,856	1,022	450	256	151	232	797
Gross cash rent or share payments (see text) . . . . . farms, 2002	164	113	151	150	104	128	67	166
1997	184	104	179	72	105	50	119	154
\$1,000, 2002	2,951	1,434	1,960	1,992	1,076	1,410	881	1,816
1997	1,610	899	2,523	575	554	281	1,390	978
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	-	1	8	8	1	9	9	8
1997	2	-	19	-	-	32	11	8
\$1,000, 2002	-	(D)	12	50	(D)	26	(D)	(D)
1997	(D)	-	148	-	-	65	126	5
Recreational services (see text) . . . . . farms, 2002	3	4	3	5	4	15	2	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	3	39	(D)	89	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	858	317	313	113	137	77	32	209
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,497	469	237	47	96	168	3	114
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	201	82	123	81	57	57	34	93
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	425	477	106	149	196	165	265
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 6. Income From Farm-Related Sources: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002	394	293	503	320	765	503	313	403
1997	371	228	559	309	917	472	347	387
\$1,000, 2002	3,543	2,105	4,808	2,963	5,552	5,928	3,817	3,240
1997	3,168	1,247	2,630	2,176	3,957	3,810	1,868	3,663
Average per farm . . . . . dollars, 2002	8,991	7,183	9,558	9,260	7,257	11,785	12,196	8,039
1997	8,540	5,470	4,705	7,041	4,316	8,073	5,384	9,465
Customwork and other agricultural services . . . . . farms, 2002	116	54	141	61	158	148	83	87
1997	166	35	130	67	208	99	69	73
\$1,000, 2002	987	733	1,382	753	1,666	2,079	693	885
1997	1,202	369	1,005	479	715	1,785	255	1,439
Gross cash rent or share payments (see text) . . . . . farms, 2002	168	141	69	89	242	182	90	78
1997	131	122	64	86	279	192	94	94
\$1,000, 2002	2,058	1,110	2,006	1,459	2,213	2,761	2,027	1,643
1997	1,770	865	860	1,522	2,026	1,574	924	1,330
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002	22	3	2	-	27	-	1	1
1997	26	-	-	-	55	15	-	-
\$1,000, 2002	(D)	(D)	(D)	-	(D)	-	(D)	(D)
1997	84	-	-	-	329	38	-	-
Recreational services (see text) . . . . . farms, 2002	5	3	-	-	7	2	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	(D)	(D)	-	-	(D)	(D)	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002	112	87	420	236	529	255	217	309
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	127	109	1,018	436	793	496	839	603
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other farm-related income sources (see text) . . . . . farms, 2002	93	76	78	52	165	99	56	57
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	186	147	(D)	315	629	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

<sup>1</sup> Data for 1997 are based on a sample of farms.

**Table 7. Hired Farm Labor - Workers and Payroll: 2002**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton	
Hired farm labor	28,135	231	94	289	150	157	399	
farms	82,991	601	196	645	239	528	823	
workers	\$1,000 payroll	409,190	2,474	808	4,201	487	3,810	5,167
Farms with-								
1 worker	12,502	95	56	172	125	81	235	
farms	12,502	95	56	172	125	81	235	
workers	5,995	81	14	61	9	21	72	
2 workers	11,990	162	28	122	18	42	144	
farms								
workers	5,452	41	19	32	4	18	74	
3 or 4 workers	18,341	135	60	100	(D)	58	246	
farms	3,000	5	4	18	11	21	11	
workers	18,486	29	(D)	141	57	136	65	
5 to 9 workers	1,186	9	1	6	1	16	7	
farms	21,672	180	(D)	110	(D)	211	133	
workers								
Workers by days worked:								
150 days or more	9,057	51	18	94	26	65	79	
farms	22,027	165	40	238	40	184	206	
workers								
Farms with-								
1 worker	5,042	25	10	56	(D)	39	34	
farms	5,042	25	10	56	(D)	39	34	
workers	1,780	16	2	12	-	11	14	
2 workers	3,560	32	(D)	24	-	22	(D)	
farms								
workers	1,479	7	4	15	-	8	23	
3 or 4 workers	4,928	(D)	14	46	-	27	72	
farms	570	2	2	8	-	3	6	
workers	3,378	(D)	(D)	54	-	17	33	
5 to 9 workers	186	1	-	3	1	4	2	
farms	5,119	(D)	-	58	(D)	79	(D)	
workers								
10 workers or more	24,103	207	84	252	129	117	356	
farms	60,964	436	156	407	199	344	617	
workers								
Farms with-								
1 worker	12,408	102	52	185	104	58	240	
farms	12,408	102	52	185	104	58	240	
workers	4,748	64	14	32	10	14	54	
2 workers	9,496	128	(D)	64	(D)	28	108	
farms								
workers	4,173	30	17	22	3	18	52	
3 or 4 workers	13,893	93	51	68	10	55	179	
farms	1,918	4	-	13	11	17	6	
workers	11,659	25	-	90	55	103	31	
5 to 9 workers	856	7	1	-	1	10	4	
farms	13,508	88	(D)	-	(D)	100	59	
workers								
10 workers or more	4,032	24	10	37	21	40	43	
farms	10,253	118	(D)	119	21	71	101	
workers	\$1,000 payroll	140,295	1,433	207	1,768	137	1,189	1,032
\$1,000 payroll								
Reported only workers working								
150 days or more	19,078	180	76	195	124	92	320	
farms	46,702	375	142	251	174	279	491	
workers	\$1,000 payroll	53,210	341	170	410	402	902	
\$1,000 payroll								
Reported both - workers working 150								
days or more and workers								
working less than 150 days	5,025	27	8	57	5	25	36	
farms	11,774	47	(D)	119	19	113	105	
150 days or more, workers	14,262	61	(D)	156	25	65	126	
less than 150 days, workers	215,685	699	431	2,022	(D)	2,218	3,234	
\$1,000 payroll								
Migrant farm labor on farms with hired								
labor (see text)	101	-	1	2	-	-	8	
farms								
Migrant farm labor on farms reporting only								
contract labor (see text)	39	-	-	-	-	-	-	
farms								

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Hired farm labor							
farms	323	290	341	424	301	393	339
workers	1,363	1,185	1,118	1,438	725	1,173	685
\$1,000 payroll	7,183	4,574	2,979	4,500	5,074	7,447	3,862
Farms with-							
1 worker	96	106	112	163	162	149	174
farms	96	106	112	163	162	149	174
workers	37	87	88	107	67	52	66
\$1,000 payroll	74	174	176	214	134	104	132
2 workers							
farms	106	45	74	73	48	129	80
workers	355	160	255	254	162	423	254
\$1,000 payroll	46	25	57	39	16	51	18
3 or 4 workers	262	184	421	282	111	289	(D)
farms	38	27	10	42	8	12	1
workers	576	561	154	525	156	208	(D)
\$1,000 payroll							
Workers by days worked:							
150 days or more	127	102	82	175	104	88	103
farms	360	199	171	333	229	285	174
workers							
\$1,000 payroll							
Farms with-							
1 worker	54	55	42	95	73	45	72
farms	54	55	42	95	73	45	72
workers	32	33	16	26	12	9	19
\$1,000 payroll	64	66	32	52	24	(D)	38
2 workers							
farms	12	5	21	48	9	19	8
workers	39	(D)	71	149	29	58	30
\$1,000 payroll	20	7	2	5	7	13	3
3 or 4 workers	104	41	(D)	(D)	44	71	(D)
farms	9	2	1	1	3	2	1
workers	99	(D)	(D)	(D)	59	(D)	(D)
\$1,000 payroll							
5 to 9 workers							
farms	298	261	312	349	246	341	310
workers	1,003	986	947	1,105	496	888	511
\$1,000 payroll							
Farms with-							
1 worker	99	147	106	175	139	123	202
farms	99	147	106	175	139	123	202
workers	49	38	92	54	53	63	29
\$1,000 payroll	98	76	184	108	106	126	58
2 workers							
farms	85	34	55	51	40	123	75
workers	287	113	193	182	125	399	229
\$1,000 payroll	45	17	50	42	11	22	4
3 or 4 workers	232	133	356	283	69	130	22
farms	20	25	9	27	3	10	-
workers	287	517	108	357	57	110	-
\$1,000 payroll							
5 to 9 workers							
farms	25	29	29	75	55	52	29
workers	52	67	56	138	119	180	62
\$1,000 payroll	1,034	1,173	1,187	1,435	2,194	4,837	1,782
10 workers or more							
farms	196	188	259	249	197	305	236
workers	527	796	667	797	325	815	386
\$1,000 payroll	786	540	242	522	561	478	531
Reported only workers working							
150 days or more							
farms	102	73	53	100	49	36	74
workers	308	132	115	195	110	105	112
\$1,000 payroll	476	190	280	308	171	73	125
less than 150 days	5,363	2,862	1,549	2,542	2,319	2,132	1,550
farms							
workers							
\$1,000 payroll							
Reported both - workers working 150							
days or more and workers							
working less than 150 days							
farms	4	2	9	1	-	1	-
workers							
\$1,000 payroll							
Migrant farm labor on farms with hired							
labor (see text)							
farms	-	-	-	-	-	-	-
Migrant farm labor on farms reporting only							
contract labor (see text)							
farms							

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Hired farm labor . . . . . farms	465	223	306	321	246	467	157
workers	1,313	580	1,148	1,122	492	1,543	520
\$1,000 payroll	6,224	3,175	4,009	4,153	2,209	6,306	5,522
Farms with-							
1 worker . . . . . farms	185	107	176	125	142	165	79
workers	185	107	176	125	142	165	79
2 workers . . . . . farms	102	46	36	91	49	114	44
workers	204	92	72	182	98	228	88
3 or 4 workers . . . . . farms	98	31	47	38	39	69	13
workers	324	105	158	143	142	231	(D)
5 to 9 workers . . . . . farms	66	34	34	51	14	98	19
workers	434	192	192	309	(D)	687	97
10 workers or more . . . . . farms	14	5	13	16	2	21	2
workers	166	84	550	363	(D)	232	(D)
Workers by days worked:							
150 days or more . . . . . farms	141	57	112	126	82	181	52
workers	290	164	200	272	121	390	167
Farms with-							
1 worker . . . . . farms	89	27	71	69	66	66	42
workers	89	27	71	69	66	66	42
2 workers . . . . . farms	9	12	15	25	6	71	6
workers	(D)	(D)	30	50	12	142	(D)
3 or 4 workers . . . . . farms	35	8	21	26	7	34	2
workers	113	27	69	90	24	111	(D)
5 to 9 workers . . . . . farms	7	8	5	3	3	8	-
workers	42	47	30	18	19	(D)	-
10 workers or more . . . . . farms	1	2	-	3	-	2	2
workers	(D)	(D)	-	45	-	(D)	(D)
Less than 150 days . . . . . farms	431	189	247	279	219	373	119
workers	1,023	416	948	850	371	1,153	353
Farms with-							
1 worker . . . . . farms	205	98	163	149	130	139	54
workers	205	98	163	149	130	139	54
2 workers . . . . . farms	103	40	33	42	54	77	36
workers	206	(D)	66	84	108	154	72
3 or 4 workers . . . . . farms	70	28	15	45	31	60	11
workers	237	96	56	149	101	202	(D)
5 to 9 workers . . . . . farms	44	21	25	29	2	80	17
workers	285	120	140	165	(D)	487	85
10 workers or more . . . . . farms	9	2	11	14	2	17	1
workers	90	(D)	523	303	(D)	171	(D)
Reported only workers working							
150 days or more . . . . . farms	34	34	59	42	27	94	38
workers	60	105	95	98	37	184	54
\$1,000 payroll	542	1,071	1,131	1,147	504	3,480	(D)
Reported only workers working							
less than 150 days . . . . . farms	324	166	194	195	164	286	105
workers	748	349	835	641	225	745	235
\$1,000 payroll	901	512	533	547	434	353	(D)
Reported both - workers working 150							
days or more and workers							
working less than 150 days . . . . . farms	107	23	53	84	55	87	14
150 days or more, workers	230	59	105	174	84	206	113
less than 150 days, workers	275	67	113	209	146	408	118
\$1,000 payroll	4,781	1,592	2,345	2,459	1,271	2,472	(D)
Migrant farm labor on farms with hired							
labor (see text) . . . . . farms	-	1	1	-	-	1	-
Migrant farm labor on farms reporting only							
contract labor (see text) . . . . . farms	-	-	-	-	-	-	-

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Hired farm labor	213	457	431	247	260	188	187
farms	615	1,497	1,044	489	1,034	656	459
workers	4,758	5,829	3,539	3,399	3,317	1,321	1,161
\$1,000 payroll							
Farms with-							
1 worker	95	163	205	144	103	94	67
farms	95	163	205	144	103	94	67
workers	28	97	86	49	60	43	37
2 workers	56	194	172	98	120	86	74
farms							
workers							
3 or 4 workers	58	102	90	38	50	21	77
farms	178	340	301	126	175	78	255
workers	26	58	41	13	28	13	3
5 to 9 workers	148	378	251	80	166	76	21
farms	6	37	9	3	19	17	3
workers	138	422	115	41	470	322	42
\$1,000 payroll							
Workers by days worked:							
150 days or more	83	192	118	69	58	52	41
farms	193	423	215	146	299	98	65
workers							
Farms with-							
1 worker	48	107	80	40	22	32	37
farms	48	107	80	40	22	32	37
workers	24	16	22	11	22	11	2
2 workers	48	(D)	44	(D)	44	22	(D)
farms							
workers							
3 or 4 workers	3	52	11	12	5	5	1
farms	10	172	(D)	41	17	16	(D)
workers	4	16	2	5	4	4	-
5 to 9 workers	21	96	(D)	27	25	28	-
farms	4	1	3	1	5	-	1
workers	66	(D)	44	(D)	191	-	(D)
\$1,000 payroll							
10 workers or more	203	344	394	225	243	167	166
farms	422	1,074	829	343	735	558	394
workers							
Farms with-							
1 worker	122	117	215	163	117	95	61
farms	122	117	215	163	117	95	61
workers	27	111	51	30	50	35	25
2 workers	54	222	(D)	60	100	70	50
farms							
workers							
3 or 4 workers	42	65	95	26	36	20	76
farms	141	228	304	79	121	71	251
workers	9	18	32	5	25	-	3
5 to 9 workers	60	136	197	(D)	151	-	(D)
farms	3	33	1	1	15	17	1
workers	45	371	(D)	(D)	246	322	(D)
\$1,000 payroll							
10 workers or more	10	113	37	22	17	21	21
farms	20	234	78	68	155	38	41
workers	350	1,991	713	1,264	1,377	550	317
\$1,000 payroll							
Reported only workers working							
less than 150 days	130	265	313	178	202	136	146
farms	220	881	609	241	577	503	355
workers	294	536	780	592	480	286	262
\$1,000 payroll							
Reported both - workers working 150							
days or more and workers							
working less than 150 days	73	79	81	47	41	31	20
farms	173	189	137	78	144	60	24
workers	202	193	220	102	158	55	39
\$1,000 payroll	4,114	3,302	2,046	1,543	1,460	485	583
Migrant farm labor on farms with hired							
labor (see text)	-	11	-	1	2	-	-
Migrant farm labor on farms reporting only							
contract labor (see text)	-	-	-	1	-	-	-

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Hired farm labor . . . . . farms	556	174	170	490	163	502	337	254
workers	1,397	645	430	1,518	361	1,621	916	701
\$1,000 payroll	5,908	811	1,545	4,011	1,881	5,575	5,931	4,969
Farms with-								
1 worker . . . . . farms	247	76	101	210	96	176	170	106
workers	247	76	101	210	96	176	170	106
2 workers . . . . . farms	108	32	24	109	44	100	71	80
workers	216	64	48	218	88	200	142	160
3 or 4 workers . . . . . farms	124	20	16	94	11	123	47	32
workers	414	60	58	352	36	441	158	113
5 to 9 workers . . . . . farms	63	25	19	54	7	86	44	28
workers	365	128	101	323	40	578	256	169
10 workers or more . . . . . farms	14	21	10	23	5	17	5	8
workers	155	317	122	415	101	226	190	153
Workers by days worked:								
150 days or more . . . . . farms	215	37	33	233	35	183	127	79
workers	487	119	50	413	110	409	359	186
Farms with-								
1 worker . . . . . farms	87	24	26	122	26	92	78	45
workers	87	(D)	26	122	26	92	78	45
2 workers . . . . . farms	60	-	3	71	3	22	18	14
workers	120	-	6	142	6	44	36	28
3 or 4 workers . . . . . farms	54	-	2	37	2	60	8	11
workers	202	-	(D)	116	(D)	209	29	35
5 to 9 workers . . . . . farms	13	12	2	2	1	7	19	6
workers	(D)	66	(D)	(D)	(D)	(D)	99	32
10 workers or more . . . . . farms	1	1	-	1	3	2	4	3
workers	(D)	(D)	-	(D)	66	(D)	117	46
Less than 150 days . . . . . farms	470	172	152	364	137	437	273	225
workers	910	526	380	1,105	251	1,212	557	515
Farms with-								
1 worker . . . . . farms	271	99	100	182	75	191	158	123
workers	271	99	100	182	75	191	158	123
2 workers . . . . . farms	103	11	11	66	44	65	50	53
workers	206	22	22	132	88	130	100	106
3 or 4 workers . . . . . farms	55	19	13	53	9	125	55	31
workers	(D)	57	47	182	(D)	448	178	119
5 to 9 workers . . . . . farms	40	34	18	42	7	44	9	14
workers	230	186	95	247	36	287	(D)	84
10 workers or more . . . . . farms	1	9	10	21	2	12	1	4
workers	(D)	162	116	362	(D)	156	(D)	83
Reported only workers working								
150 days or more . . . . . farms	86	2	18	126	26	65	64	29
workers	177	(D)	31	216	45	132	232	78
\$1,000 payroll	1,704	(D)	401	1,323	492	971	2,963	2,107
Reported only workers working								
less than 150 days . . . . . farms	341	137	137	257	128	319	210	175
workers	625	434	339	697	216	903	375	341
\$1,000 payroll	523	(D)	746	709	233	597	527	1,062
Reported both - workers working 150								
days or more and workers								
working less than 150 days . . . . . farms	129	35	15	107	9	118	63	50
150 days or more, workers	310	89	19	197	65	277	127	108
less than 150 days, workers	285	(D)	41	408	35	309	182	174
\$1,000 payroll	3,681	535	398	1,979	1,157	4,008	2,442	1,800
Migrant farm labor on farms with hired								
labor (see text) . . . . . farms	-	-	1	-	-	10	1	1
Migrant farm labor on farms reporting only								
contract labor (see text) . . . . . farms	-	-	-	-	-	-	-	-

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Hired farm labor . . . . . farms	170	271	235	169	289	364	372	263
workers	351	807	616	612	1,007	1,194	1,278	727
\$1,000 payroll	1,960	3,967	5,886	5,347	12,693	3,765	10,866	4,748
Farms with-								
1 worker . . . . . farms	89	101	134	64	129	161	158	108
workers	89	101	134	64	129	161	158	108
2 workers . . . . . farms	45	40	14	13	82	58	81	31
workers	90	80	28	(D)	164	116	162	(D)
3 or 4 workers . . . . . farms	32	68	43	75	34	79	60	83
workers	105	230	151	246	122	260	213	300
5 to 9 workers . . . . . farms	3	59	41	14	29	39	60	40
workers	(D)	363	236	99	177	251	345	247
10 workers or more . . . . . farms	1	3	3	3	15	27	13	1
workers	(D)	33	67	(D)	415	406	400	(D)
Workers by days worked:								
150 days or more . . . . . farms	82	91	100	46	95	93	115	121
workers	111	159	270	240	459	163	396	262
Farms with-								
1 worker . . . . . farms	66	46	35	33	41	62	47	64
workers	66	(D)	35	33	41	(D)	47	64
2 workers . . . . . farms	9	30	21	4	23	20	34	13
workers	(D)	60	42	8	46	40	68	26
3 or 4 workers . . . . . farms	6	14	36	4	14	5	23	31
workers	21	48	122	(D)	49	17	75	96
5 to 9 workers . . . . . farms	1	1	6	3	10	5	7	13
workers	(D)	(D)	(D)	20	63	28	37	76
10 workers or more . . . . . farms	-	-	2	2	7	1	4	-
workers	-	-	(D)	(D)	260	(D)	169	-
Less than 150 days . . . . . farms	136	253	187	136	257	316	334	195
workers	240	648	346	372	548	1,031	882	465
Farms with-								
1 worker . . . . . farms	94	119	122	41	124	134	170	100
workers	94	119	122	41	124	134	170	100
2 workers . . . . . farms	29	39	28	12	85	49	71	25
workers	58	(D)	(D)	24	170	98	142	50
3 or 4 workers . . . . . farms	10	51	22	74	26	84	46	47
workers	(D)	173	76	241	86	270	163	173
5 to 9 workers . . . . . farms	2	42	13	9	16	25	41	23
workers	(D)	258	67	66	86	179	236	142
10 workers or more . . . . . farms	1	2	2	-	6	24	6	-
workers	(D)	(D)	(D)	-	82	350	171	-
Reported only workers working								
150 days or more . . . . . farms	34	18	48	33	32	48	38	68
workers	57	31	111	203	164	62	175	151
\$1,000 payroll	749	1,067	2,142	3,441	3,920	1,062	4,661	1,596
Reported only workers working								
less than 150 days . . . . . farms	88	180	135	123	194	271	257	142
workers	162	434	218	343	331	895	675	369
\$1,000 payroll	289	1,037	482	1,011	519	504	1,918	519
Reported both - workers working 150								
days or more and workers								
working less than 150 days . . . . . farms	48	73	52	13	63	45	77	53
150 days or more, workers	54	128	159	37	295	101	221	111
less than 150 days, workers	78	214	128	29	217	136	207	96
\$1,000 payroll	922	1,863	3,262	896	8,255	2,199	4,287	2,632
Migrant farm labor on farms with hired								
labor (see text) . . . . . farms	-	-	-	-	-	1	-	-
Migrant farm labor on farms reporting only								
contract labor (see text) . . . . . farms	-	-	-	-	-	-	-	-

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Hired farm labor . . . . . farms	200	296	221	195	281	331	358	169
workers	432	700	696	511	1,225	842	938	434
\$1,000 payroll	2,131	3,797	3,034	2,681	4,631	2,836	4,533	1,624
Farms with-								
1 worker . . . . . farms	100	162	64	85	158	149	194	72
workers	100	162	64	85	158	149	194	72
2 workers . . . . . farms	39	46	80	33	38	77	40	38
workers	78	92	160	(D)	76	154	80	(D)
3 or 4 workers . . . . . farms	53	69	42	36	59	71	66	30
workers	180	236	158	112	199	249	224	105
5 to 9 workers . . . . . farms	6	13	24	40	17	22	54	27
workers	(D)	96	155	230	117	144	343	152
10 workers or more . . . . . farms	2	6	11	1	9	12	4	2
workers	(D)	114	159	(D)	675	146	97	(D)
Workers by days worked:								
150 days or more . . . . . farms	49	95	83	69	108	101	168	54
workers	107	242	170	148	785	190	390	120
Farms with-								
1 worker . . . . . farms	26	32	62	31	66	64	86	24
workers	26	(D)	62	31	(D)	(D)	86	24
2 workers . . . . . farms	8	29	11	23	15	14	21	11
workers	(D)	58	22	46	30	28	(D)	(D)
3 or 4 workers . . . . . farms	13	29	6	11	16	17	44	18
workers	47	87	19	42	49	55	144	67
5 to 9 workers . . . . . farms	1	2	3	4	10	5	16	1
workers	(D)	(D)	(D)	29	57	33	83	(D)
10 workers or more . . . . . farms	1	3	1	-	1	1	1	-
workers	(D)	54	(D)	-	(D)	(D)	(D)	(D)
Less than 150 days . . . . . farms	174	253	177	166	241	313	243	163
workers	325	458	526	363	440	652	548	314
Farms with-								
1 worker . . . . . farms	101	180	43	96	164	194	136	99
workers	101	180	43	96	164	194	136	99
2 workers . . . . . farms	31	23	76	17	20	53	25	34
workers	62	(D)	152	(D)	(D)	106	(D)	68
3 or 4 workers . . . . . farms	39	36	38	23	38	39	57	17
workers	126	130	148	70	130	136	204	(D)
5 to 9 workers . . . . . farms	2	12	10	29	18	19	23	12
workers	(D)	67	74	153	91	119	122	74
10 workers or more . . . . . farms	1	2	10	1	1	8	2	1
workers	(D)	(D)	109	(D)	(D)	97	(D)	(D)
Reported only workers working								
150 days or more . . . . . farms	26	43	44	29	40	18	115	6
workers	66	114	110	57	(D)	41	213	10
\$1,000 payroll	619	1,365	1,650	655	2,506	373	1,772	180
Reported only workers working								
less than 150 days . . . . . farms	151	201	138	126	173	230	190	115
workers	265	307	444	289	265	500	357	241
\$1,000 payroll	287	218	210	259	271	273	205	236
Reported both - workers working 150								
days or more and workers								
working less than 150 days . . . . . farms	23	52	39	40	68	83	53	48
150 days or more, workers	41	128	60	91	(D)	149	177	110
less than 150 days, workers	60	151	82	74	175	152	191	73
\$1,000 payroll	1,225	2,213	1,175	1,767	1,854	2,190	2,556	1,207
Migrant farm labor on farms with hired								
labor (see text) . . . . . farms	-	-	-	1	1	-	-	-
Migrant farm labor on farms reporting only								
contract labor (see text) . . . . . farms	-	-	-	7	-	-	-	-

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Hired farm labor . . . . . farms	314	323	332	533	264	355	179	125
workers	783	998	716	1,673	702	1,126	677	416
\$1,000 payroll	4,682	4,602	2,784	7,179	2,451	4,253	3,346	1,244
Farms with-								
1 worker . . . . . farms	157	126	162	204	138	97	70	42
workers	157	126	162	204	138	97	70	42
2 workers . . . . . farms	53	55	87	98	55	112	21	19
workers	106	110	174	196	110	224	42	(D)
3 or 4 workers . . . . . farms	66	103	52	144	53	94	30	40
workers	231	317	194	465	164	298	94	144
5 to 9 workers . . . . . farms	31	27	28	54	4	30	52	23
workers	159	144	152	320	25	198	293	172
10 workers or more . . . . . farms	7	12	3	33	14	22	6	1
workers	130	301	34	488	265	309	178	(D)
Workers by days worked:								
150 days or more . . . . . farms	118	143	109	144	91	104	67	43
workers	234	284	168	294	155	199	280	95
Farms with-								
1 worker . . . . . farms	72	65	87	97	64	64	19	21
workers	72	65	87	97	(D)	64	19	(D)
2 workers . . . . . farms	9	46	7	22	8	24	6	11
workers	18	92	(D)	(D)	16	48	(D)	22
3 or 4 workers . . . . . farms	34	26	10	20	17	10	4	10
workers	106	88	31	65	56	35	13	39
5 to 9 workers . . . . . farms	-	5	4	2	1	4	37	-
workers	-	(D)	26	(D)	(D)	(D)	225	-
10 workers or more . . . . . farms	3	1	1	3	1	2	1	1
workers	38	(D)	(D)	78	(D)	(D)	(D)	(D)
Less than 150 days . . . . . farms	244	259	298	499	219	324	126	105
workers	549	714	548	1,379	547	927	397	321
Farms with-								
1 worker . . . . . farms	99	138	166	234	133	128	61	34
workers	99	138	166	234	133	128	61	34
2 workers . . . . . farms	77	40	63	73	49	94	19	28
workers	154	(D)	126	146	98	188	38	56
3 or 4 workers . . . . . farms	61	69	48	128	21	59	26	27
workers	216	208	146	413	(D)	190	81	102
5 to 9 workers . . . . . farms	3	2	20	33	2	23	16	16
workers	21	(D)	(D)	193	(D)	150	80	129
10 workers or more . . . . . farms	4	10	1	31	14	20	4	-
workers	59	275	(D)	393	243	271	137	-
Reported only workers working								
150 days or more . . . . . farms	70	64	34	34	45	31	53	20
workers	78	103	59	65	79	79	232	48
\$1,000 payroll	811	1,361	882	981	792	2,001	1,739	235
Reported only workers working								
less than 150 days . . . . . farms	196	180	223	389	173	251	112	82
workers	388	592	374	1,065	388	796	247	249
\$1,000 payroll	512	551	384	1,138	269	695	183	130
Reported both - workers working 150								
days or more and workers								
working less than 150 days . . . . . farms	48	79	75	110	46	73	14	23
workers	156	181	109	229	76	120	48	47
less than 150 days, workers	161	122	174	314	159	131	150	72
\$1,000 payroll	3,360	2,691	1,518	5,061	1,390	1,557	1,424	879
Migrant farm labor on farms with hired								
labor (see text) . . . . . farms	2	-	-	-	1	1	3	-
Migrant farm labor on farms reporting only								
contract labor (see text) . . . . . farms	-	-	-	-	-	-	-	-

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Hired farm labor . . . . . farms	374	214	309	197	367	129	315	213
workers	1,222	424	659	662	1,103	233	1,039	554
\$1,000 payroll	5,560	2,964	3,933	2,958	7,614	1,014	6,560	2,558
Farms with-								
1 worker . . . . . farms	95	133	151	94	140	64	109	88
workers	95	133	151	94	140	64	109	88
2 workers . . . . . farms	114	40	94	35	101	47	43	22
workers	228	80	188	70	202	94	86	44
3 or 4 workers . . . . . farms	105	37	31	33	65	12	95	84
workers	361	112	104	102	234	38	333	280
5 to 9 workers . . . . . farms	40	2	26	21	48	6	51	15
workers	225	(D)	136	138	274	37	282	94
10 workers or more . . . . . farms	20	2	7	14	13	-	17	4
workers	313	(D)	80	258	253	-	229	48
Workers by days worked:								
150 days or more . . . . . farms	128	55	90	45	119	34	133	92
workers	268	140	216	140	347	61	356	192
Farms with-								
1 worker . . . . . farms	53	48	28	27	51	16	67	48
workers	53	48	(D)	27	51	16	67	48
2 workers . . . . . farms	58	3	30	11	37	15	31	24
workers	116	6	60	22	74	30	62	48
3 or 4 workers . . . . . farms	7	1	24	5	19	1	17	10
workers	22	(D)	75	(D)	63	(D)	(D)	35
5 to 9 workers . . . . . farms	7	2	7	-	7	2	17	10
workers	40	(D)	43	-	45	(D)	139	61
10 workers or more . . . . . farms	3	1	1	2	5	-	1	-
workers	37	(D)	(D)	(D)	114	-	(D)	-
Less than 150 days . . . . . farms	323	168	273	171	339	112	274	186
workers	954	284	443	522	756	172	683	362
Farms with-								
1 worker . . . . . farms	104	95	164	85	153	73	128	111
workers	104	95	164	85	153	73	128	111
2 workers . . . . . farms	111	37	78	35	106	23	24	18
workers	222	(D)	156	70	212	(D)	(D)	36
3 or 4 workers . . . . . farms	60	35	24	20	39	15	85	51
workers	213	106	74	62	131	47	286	162
5 to 9 workers . . . . . farms	33	1	6	19	35	1	35	4
workers	182	(D)	(D)	128	183	(D)	193	(D)
10 workers or more . . . . . farms	15	-	1	12	6	-	2	2
workers	233	-	(D)	177	77	-	(D)	(D)
Reported only workers working								
150 days or more . . . . . farms	51	46	36	26	28	17	41	27
workers	85	122	103	67	72	36	101	87
\$1,000 payroll	754	2,373	1,257	603	1,114	267	2,216	654
Reported only workers working								
less than 150 days . . . . . farms	246	159	219	152	248	95	182	121
workers	786	261	313	489	467	144	493	235
\$1,000 payroll	1,010	321	881	557	721	486	638	378
Reported both - workers working 150								
days or more and workers								
working less than 150 days . . . . . farms	77	9	54	19	91	17	92	65
workers	183	18	113	73	275	25	255	105
less than 150 days, workers	168	23	130	33	289	28	190	127
\$1,000 payroll	3,797	270	1,795	1,797	5,779	261	3,706	1,526
Migrant farm labor on farms with hired								
labor (see text) . . . . . farms	-	-	-	-	1	-	13	-
Migrant farm labor on farms reporting only								
contract labor (see text) . . . . . farms	-	-	-	-	-	-	-	-

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Hired farm labor . . . . . farms	144	131	215	308	202	250	268	477
workers	337	429	486	671	671	672	787	1,436
\$1,000 payroll	1,857	5,921	2,433	3,093	4,901	2,137	4,335	7,439
Farms with-								
1 worker . . . . . farms	70	83	104	150	69	138	95	206
workers	70	83	104	150	69	138	95	206
2 workers . . . . . farms	46	24	46	81	54	64	76	68
workers	92	48	92	162	108	128	152	136
3 or 4 workers . . . . . farms	22	19	54	50	39	22	54	115
workers	66	(D)	168	174	143	70	182	361
5 to 9 workers . . . . . farms	3	3	8	24	32	3	36	44
workers	18	(D)	61	147	193	16	219	241
10 workers or more . . . . . farms	3	2	3	3	8	23	7	44
workers	91	(D)	61	38	158	320	139	492
Workers by days worked:								
150 days or more . . . . . farms	14	55	45	97	71	43	43	137
workers	60	204	97	162	194	96	142	276
Farms with-								
1 worker . . . . . farms	9	43	34	57	40	33	30	84
workers	9	43	34	57	40	33	30	84
2 workers . . . . . farms	-	3	1	30	15	4	5	18
workers	-	6	(D)	60	30	8	(D)	36
3 or 4 workers . . . . . farms	2	6	7	7	7	3	2	25
workers	(D)	(D)	25	22	23	12	(D)	80
5 to 9 workers . . . . . farms	1	1	1	3	6	1	3	7
workers	(D)	(D)	(D)	23	37	(D)	18	38
10 workers or more . . . . . farms	2	2	-	-	3	2	3	3
workers	(D)	(D)	(D)	-	64	(D)	77	38
Less than 150 days . . . . . farms	140	90	185	250	185	219	250	426
workers	277	225	389	509	477	576	645	1,160
Farms with-								
1 worker . . . . . farms	71	52	85	143	86	116	96	231
workers	71	52	85	143	86	116	96	231
2 workers . . . . . farms	47	24	53	50	38	58	68	44
workers	94	48	106	100	76	116	(D)	88
3 or 4 workers . . . . . farms	20	12	38	35	36	23	51	76
workers	(D)	(D)	116	123	128	(D)	173	232
5 to 9 workers . . . . . farms	-	-	7	19	20	1	33	35
workers	-	-	(D)	105	119	(D)	200	193
10 workers or more . . . . . farms	2	2	2	3	5	21	2	40
workers	(D)	(D)	(D)	38	68	262	(D)	416
Reported only workers working								
150 days or more . . . . . farms	4	41	30	58	17	31	18	51
workers	8	48	62	112	80	39	93	92
\$1,000 payroll	132	(D)	1,351	1,215	2,276	592	2,431	1,355
Reported only workers working								
less than 150 days . . . . . farms	130	76	170	211	131	207	225	340
workers	231	117	340	428	331	508	595	987
\$1,000 payroll	295	256	490	853	235	787	558	803
Reported both - workers working 150								
days or more and workers								
working less than 150 days . . . . . farms	10	14	15	39	54	12	25	86
150 days or more, workers	52	156	35	50	114	57	49	184
less than 150 days, workers	46	108	49	81	146	68	50	173
\$1,000 payroll	1,429	(D)	592	1,024	2,391	758	1,345	5,282
Migrant farm labor on farms with hired								
labor (see text) . . . . . farms	-	-	-	-	-	-	2	1
Migrant farm labor on farms reporting only								
contract labor (see text) . . . . . farms	-	-	-	-	-	-	-	-

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Hired farm labor . . . . . farms	273	211	379	181	196	257	177	401
workers	932	593	849	926	465	707	526	1,130
\$1,000 payroll	3,358	5,132	3,378	4,594	2,818	5,440	3,224	5,590
Farms with-								
1 worker . . . . . farms	96	120	170	68	99	98	67	157
workers	96	120	170	68	99	98	67	157
2 workers . . . . . farms	84	6	111	54	60	89	51	87
workers	168	12	222	108	120	178	102	174
3 or 4 workers . . . . . farms	33	46	74	27	24	35	39	87
workers	101	163	252	107	72	110	128	289
5 to 9 workers . . . . . farms	43	32	12	16	3	24	9	66
workers	290	170	73	101	22	151	56	425
10 workers or more . . . . . farms	17	7	12	16	10	11	11	4
workers	277	128	132	542	152	170	173	85
Workers by days worked:								
150 days or more . . . . . farms	50	105	118	90	61	104	75	134
workers	108	255	202	325	132	235	181	350
Farms with-								
1 worker . . . . . farms	28	59	90	55	52	62	28	58
workers	28	59	90	(D)	52	62	28	58
2 workers . . . . . farms	14	8	7	6	4	28	9	31
workers	28	16	14	12	8	56	18	62
3 or 4 workers . . . . . farms	5	31	11	25	2	9	35	32
workers	18	118	36	76	(D)	32	109	111
5 to 9 workers . . . . . farms	2	3	10	3	1	4	2	10
workers	(D)	19	62	23	(D)	(D)	(D)	70
10 workers or more . . . . . farms	1	4	-	1	2	1	1	3
workers	(D)	43	-	(D)	(D)	(D)	(D)	49
Less than 150 days . . . . . farms	259	172	325	140	149	207	149	336
workers	824	338	647	601	333	472	345	780
Farms with-								
1 worker . . . . . farms	113	122	171	61	65	107	79	188
workers	113	122	171	61	65	107	79	188
2 workers . . . . . farms	73	8	83	39	53	53	44	40
workers	146	16	166	78	106	106	88	(D)
3 or 4 workers . . . . . farms	18	34	59	23	20	21	13	61
workers	57	105	197	79	(D)	66	39	197
5 to 9 workers . . . . . farms	40	5	4	4	2	17	3	46
workers	270	30	25	27	(D)	99	19	305
10 workers or more . . . . . farms	15	3	8	13	9	9	10	1
workers	238	65	88	356	92	94	120	(D)
Reported only workers working								
150 days or more . . . . . farms	14	39	54	41	47	50	28	65
workers	53	77	92	210	98	152	75	199
\$1,000 payroll	1,481	864	836	2,367	2,206	3,509	871	2,066
Reported only workers working								
less than 150 days . . . . . farms	223	106	261	91	135	153	102	267
workers	743	166	537	505	298	355	142	650
\$1,000 payroll	848	339	909	825	94	484	318	1,257
Reported both - workers working 150								
days or more and workers								
working less than 150 days . . . . . farms	36	66	64	49	14	54	47	69
150 days or more, workers	55	178	110	115	34	83	106	151
less than 150 days, workers	81	172	110	96	35	117	203	130
\$1,000 payroll	1,028	3,930	1,634	1,401	517	1,447	2,035	2,267
Migrant farm labor on farms with hired								
labor (see text) . . . . . farms	-	-	1	-	-	1	1	1
Migrant farm labor on farms reporting only								
contract labor (see text) . . . . . farms	-	20	-	-	-	-	-	-

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Hired farm labor	767	279	372	220	141	200	217	262
farms	3,186	1,166	911	608	432	539	575	790
workers	14,609	4,024	3,765	1,217	2,849	2,016	1,103	1,630
\$1,000 payroll								
Farms with-								
1 worker	290	104	190	125	74	97	92	125
farms	290	104	190	125	74	97	92	125
workers	175	56	45	32	25	52	55	58
2 workers	350	112	90	64	50	104	110	116
farms								
workers								
3 or 4 workers	127	34	98	25	20	29	15	27
farms	418	119	299	78	60	96	47	84
workers	99	49	27	32	10	16	55	41
5 to 9 workers	622	325	181	216	63	82	326	205
farms	76	36	12	6	12	6	-	11
workers	1,506	506	151	125	185	160	-	260
10 workers or more								
farms								
workers								
Workers by days worked:								
150 days or more	255	115	125	72	45	27	47	47
farms	802	346	222	188	129	83	83	71
workers								
Farms with-								
1 worker	99	59	81	43	17	14	20	30
farms	99	59	81	43	(D)	(D)	20	30
workers	67	9	20	2	23	7	22	13
2 workers	134	18	20	(D)	46	14	44	26
farms								
workers								
3 or 4 workers	34	28	29	13	1	-	4	3
farms	115	110	89	(D)	(D)	-	(D)	(D)
workers	42	16	5	13	1	5	1	1
5 to 9 workers	248	94	32	67	(D)	31	(D)	(D)
farms	13	3	-	1	3	1	-	-
workers	206	65	-	(D)	57	(D)	-	-
10 workers or more								
farms								
workers								
Less than 150 days	632	234	296	163	111	192	200	238
farms	2,384	820	689	420	303	456	492	719
workers								
Farms with-								
1 worker	265	95	171	95	73	101	91	127
farms	265	95	171	95	73	101	91	127
workers	142	54	26	27	9	44	43	46
2 workers	284	108	52	54	18	88	86	92
farms								
workers								
3 or 4 workers	102	43	67	15	10	34	29	15
farms	342	157	201	45	30	111	103	47
workers	68	11	23	22	9	10	37	40
5 to 9 workers	421	66	148	169	54	52	212	203
farms	55	31	9	4	10	3	-	10
workers	1,072	394	117	57	128	104	-	250
10 workers or more								
farms								
workers								
Reported only workers working								
150 days or more	135	45	76	57	30	8	17	24
farms	379	136	141	121	96	36	39	32
workers	4,478	685	1,438	332	2,320	554	313	479
\$1,000 payroll								
Reported only workers working								
less than 150 days	512	164	247	148	96	173	170	215
farms	1,800	579	572	333	267	400	369	689
workers	2,199	789	891	150	222	361	310	412
\$1,000 payroll								
Reported both - workers working 150								
days or more and workers								
working less than 150 days	120	70	49	15	15	19	30	23
farms	423	210	81	67	33	47	44	39
workers	584	241	117	87	36	56	123	30
less than 150 days, workers	7,932	2,550	1,436	734	306	1,101	480	739
\$1,000 payroll								
Migrant farm labor on farms with hired								
labor (see text)	1	2	-	-	1	-	-	1
farms								
Migrant farm labor on farms reporting only								
contract labor (see text)	-	-	2	-	-	-	-	-
farms								

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**Table 7. Hired Farm Labor - Workers and Payroll: 2002 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Hired farm labor	341	161	303	215	515	319	198	283
farms	853	461	938	625	2,012	816	420	865
workers	5,560	1,000	3,315	4,040	6,435	4,198	730	10,731
\$1,000 payroll								
Farms with-								
1 worker	136	102	115	120	185	142	115	144
farms	136	102	115	120	185	142	115	144
workers	104	15	80	16	128	77	26	87
2 workers	208	30	160	32	256	154	52	174
farms								
workers								
3 or 4 workers	59	15	51	56	84	82	36	29
farms	193	48	185	179	297	299	121	98
workers	37	21	43	19	64	10	18	9
5 to 9 workers	222	161	278	110	421	69	92	59
farms	5	8	14	4	54	8	3	14
workers	94	120	200	184	853	152	40	390
workers								
Workers by days worked:								
150 days or more	131	28	70	76	148	109	38	77
farms	282	42	146	190	350	213	75	345
workers								
Farms with-								
1 worker	57	16	40	64	54	72	20	61
farms	57	(D)	40	64	(D)	72	20	(D)
workers	46	11	17	5	62	20	2	8
2 workers	92	22	34	10	124	40	(D)	16
farms								
workers								
3 or 4 workers	23	1	8	4	18	9	15	3
farms	83	(D)	(D)	15	64	31	45	10
workers	3	-	4	-	12	5	1	1
5 to 9 workers	(D)	-	27	-	77	34	(D)	(D)
farms	2	-	1	3	2	3	-	4
workers	(D)	-	(D)	101	(D)	36	-	253
workers								
10 workers or more	265	139	276	162	469	273	169	247
farms	571	419	792	435	1,662	603	345	520
workers								
Farms with-								
1 worker	150	91	113	75	217	135	100	141
farms	150	91	113	75	217	135	100	141
workers	48	7	75	15	98	73	27	64
2 workers	96	14	150	30	196	146	(D)	128
farms								
workers								
3 or 4 workers	38	13	44	53	66	55	24	25
farms	117	41	166	162	239	207	84	79
workers	26	20	30	15	40	4	17	5
5 to 9 workers	150	153	197	85	272	27	91	35
farms	3	8	14	4	48	6	1	12
workers	58	120	166	83	738	88	(D)	137
workers								
10 workers or more	76	22	27	53	46	46	29	36
farms	177	32	49	55	128	86	52	247
workers	2,175	614	863	330	1,430	1,709	272	(D)
\$1,000 payroll								
Reported only workers working								
less than 150 days	210	133	233	139	367	210	160	206
farms	467	404	640	317	1,301	407	313	410
workers	714	236	523	266	1,042	709	151	(D)
\$1,000 payroll								
Reported both - workers working 150								
days or more and workers	55	6	43	23	102	63	9	41
working less than 150 days	105	10	97	135	222	127	23	98
farms	104	15	152	118	361	196	32	110
workers	2,671	150	1,930	3,444	3,963	1,779	308	2,551
\$1,000 payroll								
Migrant farm labor on farms with hired								
labor (see text)	-	-	2	1	1	2	1	-
farms								
Migrant farm labor on farms reporting only								
contract labor (see text)	-	-	-	8	-	1	-	-
farms								





**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>FARMS AND LAND IN FARMS</b>							
Farms ..... number, 2002	939	827	956	1,067	825	1,076	762
..... 1997	1,061	920	1,044	1,203	904	1,158	829
Land in farms ..... acres, 2002	275,014	312,708	254,923	340,422	341,677	327,708	340,739
..... 1997	292,620	342,552	246,107	347,257	366,225	334,766	345,828
Average size of farm ..... acres, 2002	293	378	267	319	414	305	447
..... 1997	276	372	236	289	405	289	417
Estimated market value of land and buildings <sup>1</sup> ..... farms, 2002	938	830	961	1,065	826	1,073	765
..... 1997	1,061	919	1,048	1,205	903	1,157	828
..... \$1,000, 2002	786,915	777,098	647,874	764,699	894,151	712,552	819,444
..... 1997	671,955	699,812	512,746	611,223	783,996	590,843	816,508
Average per farm ..... dollars, 2002	838,929	936,262	674,166	718,027	1,082,507	664,074	1,071,168
..... 1997	633,322	761,493	489,261	507,239	868,212	510,668	986,121
Average per acre ..... dollars, 2002	2,786	2,151	2,588	2,449	2,465	2,233	2,460
..... 1997	2,329	2,156	2,112	1,850	2,260	1,785	2,429
2002 farms by value group:							
\$1 to \$49,999 .....	129	83	35	108	140	115	96
\$50,000 to \$99,999 .....	78	95	86	102	57	132	66
\$100,000 to \$199,999 .....	159	145	271	167	52	182	58
\$200,000 to \$499,999 .....	214	188	244	246	114	270	146
\$500,000 to \$999,999 .....	94	100	119	160	176	180	109
\$1,000,000 to \$1,999,999 .....	163	66	115	171	131	111	150
\$2,000,000 to \$4,999,999 .....	80	139	80	105	147	74	128
\$5,000,000 to \$9,999,999 .....	21	12	11	5	7	8	12
\$10,000,000 or more .....	-	2	-	1	2	1	-
Approximate land area ..... acres, 2002	362,953	365,734	280,254	365,605	367,862	371,443	364,896
Proportion in farms ..... percent, 2002	75.8	85.5	91.0	93.1	92.9	88.2	93.4
2002 size of farm:							
1 to 9 acres ..... farms	78	70	71	86	59	85	65
..... acres	409	377	343	447	358	490	342
10 to 49 acres ..... farms	209	177	192	178	113	242	122
..... acres	5,296	4,780	4,642	4,257	2,343	5,559	2,976
50 to 69 acres ..... farms	41	33	44	50	13	36	22
..... acres	2,398	1,947	2,559	2,874	721	2,107	1,273
70 to 99 acres ..... farms	80	53	80	102	42	82	36
..... acres	6,595	4,299	6,569	8,306	3,361	6,646	2,967
100 to 139 acres ..... farms	60	46	85	91	41	48	25
..... acres	7,090	5,301	9,830	10,495	4,761	5,676	3,040
140 to 179 acres ..... farms	74	48	85	79	50	80	63
..... acres	11,633	7,512	13,344	12,311	7,932	12,475	10,031
180 to 219 acres ..... farms	46	30	47	47	28	49	22
..... acres	9,063	5,943	9,195	9,263	5,514	9,725	4,393
220 to 259 acres ..... farms	43	24	61	40	50	70	28
..... acres	10,081	5,796	14,206	9,536	11,901	16,610	6,617
260 to 499 acres ..... farms	131	133	145	175	163	173	125
..... acres	46,834	50,115	51,781	64,744	62,226	64,123	45,894
500 to 999 acres ..... farms	109	115	95	138	200	143	148
..... acres	74,721	82,149	64,013	98,586	139,115	98,399	103,819
1,000 to 1,999 acres ..... farms	60	82	46	71	57	58	88
..... acres	80,235	105,021	66,241	92,384	75,445	76,234	115,881
2,000 acres or more ..... farms	8	16	5	10	9	10	18
..... acres	20,659	39,468	12,200	27,219	28,000	29,664	43,506
1997 size of farm:							
1 to 9 acres ..... farms	88	75	91	97	77	86	52
..... acres	369	328	377	384	324	370	229
10 to 49 acres ..... farms	202	147	184	184	73	182	91
..... acres	5,062	3,957	4,705	4,647	1,807	4,561	2,628
50 to 69 acres ..... farms	42	33	46	50	12	33	26
..... acres	2,465	1,942	2,588	2,931	701	1,971	1,497
70 to 99 acres ..... farms	90	61	86	105	50	86	54
..... acres	7,241	4,911	7,042	8,559	4,031	7,020	4,338
100 to 139 acres ..... farms	83	51	114	123	34	97	34
..... acres	9,581	5,903	13,241	14,485	3,869	11,070	3,933
140 to 179 acres ..... farms	82	71	96	117	70	99	70
..... acres	12,879	11,180	14,961	18,498	10,979	15,695	11,122
180 to 219 acres ..... farms	49	51	76	59	27	75	29
..... acres	9,751	10,082	14,846	11,684	5,377	14,847	5,793
220 to 259 acres ..... farms	46	29	58	56	56	76	40
..... acres	10,924	6,834	13,721	13,341	13,540	18,021	9,436
260 to 499 acres ..... farms	193	159	160	188	228	236	161
..... acres	70,048	59,875	56,285	68,130	85,193	87,665	60,601
500 to 999 acres ..... farms	132	164	98	162	219	128	192
..... acres	91,327	116,189	64,285	109,738	149,595	84,748	134,544
1,000 to 1,999 acres ..... farms	51	69	31	52	50	54	70
..... acres	63,711	92,296	41,747	69,014	65,101	69,911	89,031
2,000 acres or more ..... farms	3	10	4	10	8	6	10
..... acres	9,262	29,055	12,309	25,846	25,708	18,887	22,676
<b>LAND IN FARMS ACCORDING TO USE</b>							
Total cropland ..... farms, 2002	874	770	885	994	773	1,016	724
..... 1997	962	836	932	1,076	814	1,065	784
..... acres, 2002	252,577	280,874	231,155	311,313	315,058	295,736	320,259
..... 1997	269,234	309,665	216,957	312,318	335,328	303,180	325,377
Harvested cropland ..... farms, 2002	723	668	746	857	662	783	612
..... 1997	907	797	858	1,008	787	943	761
..... acres, 2002	241,295	267,212	218,189	298,590	305,632	277,250	309,225
..... 1997	258,606	295,493	205,940	293,232	324,361	277,238	314,757
Cropland used only for pasture or grazing ..... farms, 2002	143	129	164	205	103	179	99
..... 1997	209	163	241	349	149	254	132
..... acres, 2002	3,172	4,472	3,160	5,049	2,863	4,243	4,185
..... 1997	5,124	7,785	5,342	11,395	6,011	10,249	5,578

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>FARMS AND LAND IN FARMS</b>								
Farms . . . . . number, 2002	1,045	990	1,043	1,051	848	462	828	625
1997	1,201	1,064	1,083	1,059	979	535	871	740
Land in farms . . . . . acres, 2002	341,534	304,333	328,579	276,782	335,043	247,254	289,259	392,430
1997	356,082	331,350	334,487	296,865	332,537	246,088	272,196	387,034
Average size of farm . . . . . acres, 2002	327	307	315	263	395	535	349	628
1997	296	311	309	280	340	460	313	523
Estimated market value of land and buildings <sup>1</sup> . . . . . farms, 2002	1,045	989	1,045	1,050	849	461	826	624
1997	1,203	1,069	1,084	1,062	976	532	872	739
\$1,000, 2002	775,777	514,795	705,803	419,221	739,375	445,313	633,801	690,490
1997	663,118	425,949	488,936	416,345	630,375	395,948	498,972	528,752
Average per farm . . . . . dollars, 2002	742,370	520,520	675,409	399,258	870,878	965,971	767,313	1,106,554
1997	551,220	398,456	451,048	392,039	645,876	744,262	572,215	715,497
Average per acre . . . . . dollars, 2002	2,356	1,757	1,852	1,491	2,009	1,803	2,222	1,792
1997	1,923	1,213	1,604	1,440	2,032	1,632	1,850	1,308
2002 farms by value group:								
\$1 to \$49,999 . . . . .	98	152	78	76	73	42	60	18
\$50,000 to \$99,999 . . . . .	155	106	146	117	105	19	68	85
\$100,000 to \$199,999 . . . . .	116	207	166	281	155	70	117	74
\$200,000 to \$499,999 . . . . .	227	284	280	347	135	88	194	93
\$500,000 to \$999,999 . . . . .	170	101	172	162	185	98	171	111
\$1,000,000 to \$1,999,999 . . . . .	180	63	81	24	60	79	160	100
\$2,000,000 to \$4,999,999 . . . . .	93	69	117	41	120	59	51	124
\$5,000,000 to \$9,999,999 . . . . .	6	5	5	2	15	6	4	18
\$10,000,000 or more . . . . .	-	1	-	-	1	-	1	1
Approximate land area . . . . . acres, 2002	376,001	359,127	365,357	354,697	366,282	279,381	300,110	443,594
Proportion in farms . . . . . percent, 2002	90.8	84.7	89.9	78.0	91.5	88.5	96.4	88.5
2002 size of farm:								
1 to 9 acres . . . . . farms	69	19	35	34	42	16	53	15
acres	359	115	156	204	230	102	290	61
10 to 49 acres . . . . . farms	148	212	172	258	212	73	136	67
acres	3,257	6,015	4,704	7,282	5,267	1,851	3,295	1,762
50 to 69 acres . . . . . farms	27	60	61	79	40	15	44	17
acres	1,560	3,482	3,493	4,654	2,302	900	2,594	1,034
70 to 99 acres . . . . . farms	71	110	88	124	47	22	63	30
acres	5,850	8,971	7,221	10,087	3,794	1,804	5,131	2,501
100 to 139 acres . . . . . farms	38	106	78	79	39	25	50	42
acres	4,437	12,322	9,075	9,187	4,445	2,774	5,820	4,959
140 to 179 acres . . . . . farms	105	78	81	103	48	14	52	46
acres	16,643	12,297	12,700	16,049	7,475	2,224	8,262	7,280
180 to 219 acres . . . . . farms	56	47	76	48	44	16	31	25
acres	11,080	9,292	15,011	9,358	8,622	3,146	6,162	4,918
220 to 259 acres . . . . . farms	66	52	45	39	28	18	38	22
acres	15,717	12,506	10,847	9,304	6,761	4,225	9,120	5,257
260 to 499 acres . . . . . farms	236	133	193	125	118	82	149	116
acres	86,888	48,008	69,289	43,274	42,120	30,257	53,400	42,522
500 to 999 acres . . . . . farms	173	110	155	101	116	94	159	123
acres	120,289	75,852	104,421	69,727	80,767	65,101	111,910	88,412
1,000 to 1,999 acres . . . . . farms	52	48	48	48	97	70	40	84
acres	65,969	66,717	59,580	65,254	131,072	89,233	53,663	117,428
2,000 acres or more . . . . . farms	4	15	11	13	17	17	13	38
acres	9,485	48,756	32,082	32,402	42,188	45,637	29,612	116,296
1997 size of farm:								
1 to 9 acres . . . . . farms	127	30	62	45	63	19	86	32
acres	518	129	239	200	284	110	(D)	128
10 to 49 acres . . . . . farms	133	182	120	187	161	72	117	59
acres	2,946	4,963	3,170	5,225	4,059	1,964	2,566	1,728
50 to 69 acres . . . . . farms	29	57	61	74	46	10	24	17
acres	1,690	3,299	3,495	4,313	2,653	600	1,455	994
70 to 99 acres . . . . . farms	80	116	95	130	77	48	54	46
acres	6,355	9,336	7,977	10,386	6,249	3,881	4,468	3,697
100 to 139 acres . . . . . farms	41	107	87	103	65	50	55	43
acres	4,795	12,446	10,131	11,785	7,521	5,949	6,408	5,062
140 to 179 acres . . . . . farms	137	88	107	96	71	18	74	70
acres	21,681	13,851	16,910	14,813	11,079	2,899	11,745	11,050
180 to 219 acres . . . . . farms	55	61	65	44	38	23	50	29
acres	10,916	11,892	13,097	8,655	7,468	4,541	9,824	5,704
220 to 259 acres . . . . . farms	75	54	68	45	61	18	39	34
acres	17,911	12,959	16,383	10,770	14,528	4,236	(D)	8,262
260 to 499 acres . . . . . farms	304	173	201	153	165	98	180	145
acres	110,349	61,796	73,864	54,104	60,285	36,990	64,908	54,103
500 to 999 acres . . . . . farms	183	132	163	127	154	105	144	160
acres	127,745	89,990	108,638	85,825	107,323	75,792	98,115	113,923
1,000 to 1,999 acres . . . . . farms	34	49	47	44	70	60	47	78
acres	43,651	67,038	58,877	62,380	90,885	75,641	61,043	106,596
2,000 acres or more . . . . . farms	3	15	7	11	8	14	1	27
acres	7,525	43,651	21,706	28,409	20,203	33,485	(D)	75,787
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland . . . . . farms, 2002	933	931	988	981	803	445	780	583
1997	1,050	971	979	959	880	503	769	694
acres, 2002	304,913	210,080	278,134	214,360	302,281	220,178	263,009	334,926
1997	320,989	236,285	276,999	225,618	300,378	217,480	248,227	333,338
Harvested cropland . . . . . farms, 2002	876	750	737	708	636	392	650	505
1997	987	831	820	766	763	454	725	611
acres, 2002	294,141	154,993	231,055	168,055	279,661	203,926	249,796	309,621
1997	299,009	167,002	231,022	174,644	268,016	191,758	235,243	291,022
Cropland used only for pasture or grazing . . . . . farms, 2002	207	318	191	281	161	134	130	111
1997	350	455	341	403	256	194	178	230
acres, 2002	7,700	33,499	14,051	17,826	8,750	8,112	3,042	11,404
1997	15,993	50,448	20,661	28,847	12,978	11,463	6,018	23,920

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>FARMS AND LAND IN FARMS</b>								
Farms . . . . . number, 2002	714	583	816	993	636	873	783	1,339
1997	739	616	844	1,011	677	902	831	1,566
Land in farms . . . . . acres, 2002	252,743	242,588	229,950	362,365	257,044	339,086	326,884	531,053
1997	227,945	252,574	229,442	367,936	248,558	321,652	338,921	529,330
Average size of farm . . . . . acres, 2002	354	416	282	365	404	388	417	397
1997	308	410	272	364	367	357	408	338
Estimated market value of land and buildings <sup>1</sup> . . . . . farms, 2002	709	584	814	992	633	875	780	1,338
1997	737	615	844	1,009	676	901	831	1,565
\$1,000, 2002	244,817	330,182	515,977	942,393	617,769	445,448	659,059	1,209,712
1997	186,047	330,854	381,962	803,618	492,396	350,072	666,146	993,250
Average per farm . . . . . dollars, 2002	345,299	565,380	633,878	949,993	975,939	509,083	844,947	904,120
1997	252,438	537,973	452,562	796,450	728,396	388,538	801,620	634,664
Average per acre . . . . . dollars, 2002	1,008	1,420	2,283	2,545	2,475	1,256	2,356	2,267
1997	836	1,212	1,747	2,258	1,814	1,154	1,964	1,957
2002 farms by value group:								
\$1 to \$49,999 . . . . .	105	114	58	34	41	88	138	87
\$50,000 to \$99,999 . . . . .	78	97	58	73	3	153	64	92
\$100,000 to \$199,999 . . . . .	205	108	212	85	64	134	82	136
\$200,000 to \$499,999 . . . . .	200	78	213	295	220	187	131	291
\$500,000 to \$999,999 . . . . .	74	66	103	151	94	196	153	345
\$1,000,000 to \$1,999,999 . . . . .	25	90	119	240	129	94	97	233
\$2,000,000 to \$4,999,999 . . . . .	20	25	49	106	73	23	106	136
\$5,000,000 to \$9,999,999 . . . . .	2	6	2	8	8	-	8	18
\$10,000,000 or more . . . . .	-	-	-	-	1	-	1	-
Approximate land area . . . . . acres, 2002	277,379	271,284	280,748	366,770	255,215	342,287	360,852	552,681
Proportion in farms . . . . . percent, 2002	91.1	89.4	81.9	98.8	100.7	99.1	90.6	96.1
2002 size of farm:								
1 to 9 acres . . . . . farms	7	14	30	75	39	24	38	65
acres	22	79	144	407	221	111	201	345
10 to 49 acres . . . . . farms	109	102	198	110	90	130	149	165
acres	3,271	2,704	4,861	2,257	2,171	3,503	3,365	3,925
50 to 69 acres . . . . . farms	34	32	57	17	9	35	21	38
acres	1,994	1,878	3,274	983	504	2,064	1,198	2,176
70 to 99 acres . . . . . farms	63	42	66	67	37	70	47	91
acres	5,276	3,479	5,517	5,416	3,022	5,621	3,839	7,360
100 to 139 acres . . . . . farms	74	40	54	31	27	69	39	57
acres	8,598	4,621	6,323	3,639	3,126	7,905	4,483	6,630
140 to 179 acres . . . . . farms	66	44	73	103	57	71	52	116
acres	10,296	6,987	11,430	16,136	8,958	11,120	8,059	18,424
180 to 219 acres . . . . . farms	46	20	44	39	18	53	27	56
acres	9,080	4,004	8,758	7,699	3,541	10,447	5,398	11,317
220 to 259 acres . . . . . farms	30	32	31	62	29	38	33	93
acres	7,187	7,650	7,423	14,726	6,833	9,018	7,838	22,194
260 to 499 acres . . . . . farms	140	86	108	227	135	130	138	291
acres	49,060	31,825	36,917	82,977	50,076	47,711	51,275	107,112
500 to 999 acres . . . . . farms	95	103	102	198	137	163	143	262
acres	66,035	71,385	69,291	138,688	93,318	115,535	99,983	180,747
1,000 to 1,999 acres . . . . . farms	36	57	47	56	46	83	81	87
acres	45,798	74,713	59,991	71,073	57,316	109,983	103,491	120,063
2,000 acres or more . . . . . farms	14	11	6	8	12	7	15	18
acres	46,126	33,263	16,021	18,364	27,958	16,068	37,754	50,760
1997 size of farm:								
1 to 9 acres . . . . . farms	15	27	58	67	56	49	48	109
acres	51	107	(D)	(D)	261	182	201	398
10 to 49 acres . . . . . farms	83	59	172	78	51	110	76	198
acres	2,376	1,658	4,464	1,971	1,215	2,963	1,977	4,794
50 to 69 acres . . . . . farms	37	18	48	17	13	28	12	43
acres	2,165	1,052	2,767	982	737	1,630	674	2,527
70 to 99 acres . . . . . farms	61	55	72	59	37	79	56	89
acres	4,982	4,489	5,827	4,710	3,057	6,464	4,589	7,177
100 to 139 acres . . . . . farms	96	40	50	30	31	64	41	85
acres	11,371	4,722	5,756	3,480	3,622	7,539	4,901	9,925
140 to 179 acres . . . . . farms	54	56	80	97	95	93	74	138
acres	8,440	8,823	12,772	15,230	14,908	14,660	11,725	21,681
180 to 219 acres . . . . . farms	62	34	46	50	17	43	23	72
acres	12,155	6,777	9,163	10,013	3,387	8,413	4,611	14,259
220 to 259 acres . . . . . farms	44	27	33	77	42	35	36	97
acres	10,447	6,451	7,777	18,355	9,919	8,253	8,682	23,054
260 to 499 acres . . . . . farms	151	116	139	271	158	169	201	392
acres	54,107	42,454	50,946	98,219	59,390	62,594	75,519	142,839
500 to 999 acres . . . . . farms	105	124	105	207	135	165	198	268
acres	72,760	86,478	73,695	139,139	90,663	114,532	136,180	184,891
1,000 to 1,999 acres . . . . . farms	24	55	38	56	37	57	61	64
acres	31,200	72,580	49,543	70,367	48,509	72,212	77,927	85,853
2,000 acres or more . . . . . farms	7	5	3	2	5	10	5	11
acres	17,891	16,983	(D)	(D)	12,890	22,210	11,935	31,932
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland . . . . . farms, 2002	680	553	753	907	599	831	739	1,263
1997	684	566	764	915	609	821	766	1,402
acres, 2002	165,220	205,128	197,018	332,191	243,048	278,011	307,578	471,510
1997	158,113	216,537	198,172	338,207	229,265	269,543	315,336	470,183
Harvested cropland . . . . . farms, 2002	522	424	584	844	506	675	599	1,116
1997	599	483	657	902	592	695	722	1,272
acres, 2002	95,718	179,055	176,389	321,700	231,467	228,710	292,988	438,153
1997	86,516	176,700	177,063	321,927	221,101	209,814	297,909	421,791
Cropland used only for pasture or grazing . . . . . farms, 2002	308	130	162	121	52	285	79	264
1997	373	258	246	191	99	426	115	469
acres, 2002	45,864	9,975	5,843	4,190	1,108	25,831	2,892	16,578
1997	53,709	21,416	9,633	10,792	3,585	37,575	3,774	28,920

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>FARMS AND LAND IN FARMS</b>								
Farms . . . . . number, 2002	730	764	1,255	925	758	791	750	868
1997	810	886	1,416	1,005	728	847	845	963
Land in farms . . . . . acres, 2002	354,398	227,069	540,288	344,840	299,426	339,426	228,992	348,104
1997	370,293	239,580	561,611	348,151	275,118	354,694	231,376	351,506
Average size of farm . . . . . acres, 2002	485	297	431	373	395	429	305	401
1997	457	270	397	346	378	419	274	365
Estimated market value of land and buildings <sup>1</sup> . . . . . farms, 2002	729	765	1,253	924	761	789	753	865
1997	811	888	1,417	1,001	729	849	844	959
\$1,000, 2002	874,163	571,884	1,163,446	585,561	348,953	931,805	709,659	658,386
1997	844,305	494,201	1,045,792	476,115	192,962	743,098	697,417	587,744
Average per farm . . . . . dollars, 2002	1,199,126	747,561	928,528	633,723	458,545	1,180,995	942,443	761,140
1997	1,041,067	556,533	738,032	475,640	264,694	875,263	826,323	612,871
Average per acre . . . . . dollars, 2002	2,377	2,156	2,028	1,832	1,015	2,438	3,003	2,044
1997	2,283	2,077	1,930	1,426	750	2,100	2,792	1,619
2002 farms by value group:								
\$1 to \$49,999 . . . . .	75	82	31	108	106	128	37	69
\$50,000 to \$99,999 . . . . .	71	69	134	120	138	41	62	42
\$100,000 to \$199,999 . . . . .	48	113	116	130	121	51	89	83
\$200,000 to \$499,999 . . . . .	113	226	340	246	196	124	232	200
\$500,000 to \$999,999 . . . . .	105	95	184	153	110	129	121	223
\$1,000,000 to \$1,999,999 . . . . .	143	115	249	109	49	171	90	186
\$2,000,000 to \$4,999,999 . . . . .	164	52	184	51	40	131	107	59
\$5,000,000 to \$9,999,999 . . . . .	10	11	15	6	-	13	15	3
\$10,000,000 or more . . . . .	-	2	-	1	1	1	-	-
Approximate land area . . . . . acres, 2002	369,729	364,381	610,728	374,422	344,106	368,527	293,078	378,131
Proportion in farms . . . . . percent, 2002	95.9	62.3	88.5	92.1	87.0	92.1	78.0	92.1
2002 size of farm:								
1 to 9 acres . . . . . farms	35	70	66	35	9	55	42	41
acres	215	351	352	197	45	290	221	221
10 to 49 acres . . . . . farms	94	246	256	165	101	114	164	97
acres	1,821	5,848	6,392	4,387	3,174	2,474	3,847	2,310
50 to 69 acres . . . . . farms	15	43	54	43	36	17	27	18
acres	876	2,540	3,124	2,552	2,036	991	1,583	1,093
70 to 99 acres . . . . . farms	32	52	84	80	78	41	54	44
acres	2,604	4,204	6,806	6,530	6,237	3,315	4,409	3,490
100 to 139 acres . . . . . farms	25	49	70	63	64	44	54	46
acres	2,978	5,532	8,094	7,524	7,504	5,140	6,324	5,271
140 to 179 acres . . . . . farms	50	36	61	66	69	51	64	69
acres	7,890	5,655	9,573	10,440	10,771	8,050	10,062	10,978
180 to 219 acres . . . . . farms	25	35	46	53	52	28	39	44
acres	5,004	7,025	9,124	10,419	10,277	5,527	7,637	8,727
220 to 259 acres . . . . . farms	25	27	49	32	36	35	35	54
acres	5,949	6,400	11,672	7,620	8,482	8,915	8,363	13,020
260 to 499 acres . . . . . farms	152	70	175	146	145	156	125	192
acres	55,953	24,910	64,610	53,203	51,828	57,725	45,174	70,449
500 to 999 acres . . . . . farms	178	69	227	165	88	160	90	192
acres	130,373	49,374	159,892	116,391	61,322	110,443	61,426	129,743
1,000 to 1,999 acres . . . . . farms	90	46	141	60	59	75	47	67
acres	116,565	63,369	188,569	77,741	79,975	99,482	58,794	85,297
2,000 acres or more . . . . . farms	9	21	26	17	21	13	9	4
acres	24,170	51,861	72,080	47,836	57,775	37,074	20,852	17,505
1997 size of farm:								
1 to 9 acres . . . . . farms	28	68	91	41	23	53	54	61
acres	92	334	438	175	91	191	241	220
10 to 49 acres . . . . . farms	56	280	236	133	84	81	172	86
acres	1,219	6,713	5,872	3,611	2,480	1,920	3,972	2,053
50 to 69 acres . . . . . farms	9	33	53	36	17	20	30	16
acres	483	1,955	3,076	2,082	960	1,126	1,768	970
70 to 99 acres . . . . . farms	46	80	73	93	71	48	66	42
acres	3,689	6,536	5,935	7,602	5,854	3,896	5,328	3,440
100 to 139 acres . . . . . farms	33	59	87	86	66	42	64	68
acres	3,871	6,959	10,238	10,216	7,750	4,918	7,521	7,950
140 to 179 acres . . . . . farms	62	63	92	82	65	76	75	74
acres	9,788	9,846	14,407	13,055	10,272	12,027	11,898	11,649
180 to 219 acres . . . . . farms	31	30	59	60	59	35	47	65
acres	6,113	6,051	11,672	11,787	11,659	6,936	9,365	12,859
220 to 259 acres . . . . . farms	38	30	51	48	43	40	47	57
acres	9,002	7,036	12,167	11,355	10,180	9,467	11,105	13,513
260 to 499 acres . . . . . farms	207	93	252	183	129	216	139	244
acres	77,029	34,216	92,981	66,087	48,199	80,246	50,078	91,230
500 to 999 acres . . . . . farms	223	88	279	176	102	164	109	191
acres	155,270	61,158	191,815	120,487	70,320	112,930	74,870	131,367
1,000 to 1,999 acres . . . . . farms	70	52	125	57	58	61	38	56
acres	86,074	72,386	160,421	73,385	76,644	82,000	46,810	69,328
2,000 acres or more . . . . . farms	7	10	18	10	11	11	4	3
acres	17,663	26,390	52,589	28,309	30,709	39,037	8,420	6,927
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland . . . . . farms, 2002	710	704	1,185	870	711	742	708	819
1997	781	793	1,296	918	677	764	786	883
acres, 2002	332,828	204,203	487,579	294,325	215,860	313,245	210,317	322,852
1997	351,494	213,037	505,340	302,835	218,977	320,682	210,867	323,236
Harvested cropland . . . . . farms, 2002	634	579	994	639	489	669	626	725
1997	766	689	1,183	730	524	735	718	836
acres, 2002	325,178	190,229	442,923	248,601	119,277	303,104	201,417	298,959
1997	343,376	194,344	456,975	237,907	117,574	306,680	199,152	294,825
Cropland used only for pasture or grazing . . . . . farms, 2002	60	155	392	271	312	142	156	244
1997	89	196	509	388	399	201	222	344
acres, 2002	1,365	5,657	24,063	18,903	56,926	4,713	3,393	12,680
1997	2,897	7,729	27,269	29,907	66,338	9,051	6,510	18,076

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>FARMS AND LAND IN FARMS</b>								
Farms . . . . . number, 2002	1,673	977	1,159	794	698	870	845	1,338
1997	1,819	1,004	1,227	807	726	875	863	1,329
Land in farms . . . . . acres, 2002	505,175	359,604	417,917	308,340	238,034	253,255	206,138	299,216
1997	503,966	353,532	415,288	304,710	236,211	269,100	218,196	315,263
Average size of farm . . . . . acres, 2002	302	368	361	388	341	291	244	224
1997	277	352	338	378	325	308	253	237
Estimated market value of land and buildings <sup>1</sup> . . . . . farms, 2002	1,669	974	1,157	795	699	869	843	1,336
1997	1,814	1,005	1,229	809	728	880	862	1,332
\$1,000, 2002	1,296,004	925,503	956,576	394,288	314,563	303,517	329,097	469,327
1997	1,185,350	791,225	748,312	278,767	226,984	211,977	288,392	467,545
Average per farm . . . . . dollars, 2002	776,515	950,209	826,772	495,960	450,018	349,272	390,388	351,293
1997	653,445	787,288	608,879	344,582	311,791	240,882	334,562	351,010
Average per acre . . . . . dollars, 2002	2,655	2,342	2,253	1,226	1,309	1,220	1,540	1,468
1997	2,442	2,247	1,900	960	935	875	1,382	1,543
2002 farms by value group:								
\$1 to \$49,999 . . . . .	130	80	117	33	98	157	103	213
\$50,000 to \$99,999 . . . . .	170	62	137	154	81	144	163	148
\$100,000 to \$199,999 . . . . .	202	168	130	218	210	228	243	395
\$200,000 to \$499,999 . . . . .	413	221	268	121	151	186	175	347
\$500,000 to \$999,999 . . . . .	317	160	197	141	89	78	79	141
\$1,000,000 to \$1,999,999 . . . . .	295	134	171	92	31	54	30	73
\$2,000,000 to \$4,999,999 . . . . .	119	131	124	35	36	19	48	15
\$5,000,000 to \$9,999,999 . . . . .	21	4	13	1	3	3	2	4
\$10,000,000 or more . . . . .	2	14	-	-	-	-	-	-
Approximate land area . . . . . acres, 2002	491,445	366,630	461,631	341,730	271,608	310,284	276,358	365,852
Proportion in farms . . . . . percent, 2002	102.8	98.1	90.5	90.2	87.6	81.6	74.6	81.8
2002 size of farm:								
1 to 9 acres . . . . . farms	189	87	45	16	24	26	31	73
acres	930	434	262	94	115	118	(D)	372
10 to 49 acres . . . . . farms	238	215	180	102	118	131	188	390
acres	4,709	5,633	4,525	2,964	3,378	4,181	5,010	11,068
50 to 69 acres . . . . . farms	38	42	48	24	38	55	79	89
acres	2,276	2,470	2,859	1,412	2,269	3,221	(D)	5,258
70 to 99 acres . . . . . farms	102	76	82	77	79	83	94	138
acres	8,056	6,140	6,642	6,162	6,419	6,863	7,804	11,209
100 to 139 acres . . . . . farms	100	42	93	69	54	88	66	141
acres	11,686	4,969	10,626	7,918	6,288	10,240	7,779	16,474
140 to 179 acres . . . . . farms	155	72	92	76	61	89	68	101
acres	24,428	11,417	14,378	11,896	9,377	13,826	10,788	16,087
180 to 219 acres . . . . . farms	91	57	74	60	27	70	55	71
acres	18,128	11,217	14,614	11,720	5,275	13,937	10,889	14,229
220 to 259 acres . . . . . farms	113	29	52	46	40	43	37	50
acres	26,690	6,846	12,511	10,925	9,489	10,218	8,956	11,851
260 to 499 acres . . . . . farms	337	118	223	145	118	146	108	128
acres	121,325	42,693	81,322	51,498	43,425	51,439	38,965	46,471
500 to 999 acres . . . . . farms	231	142	176	91	75	89	75	92
acres	156,001	99,406	124,433	62,195	52,764	62,796	51,364	63,367
1,000 to 1,999 acres . . . . . farms	66	75	79	69	57	43	42	50
acres	87,276	97,458	108,567	88,327	74,675	57,949	53,912	66,836
2,000 acres or more . . . . . farms	13	22	15	19	7	7	(D)	15
acres	43,670	70,921	37,178	53,229	24,560	18,467	(D)	35,994
1997 size of farm:								
1 to 9 acres . . . . . farms	260	89	77	32	28	28	23	69
acres	1,050	361	342	122	90	119	(D)	306
10 to 49 acres . . . . . farms	203	165	165	64	122	103	165	324
acres	4,453	4,299	4,311	1,937	3,579	2,876	4,964	8,899
50 to 69 acres . . . . . farms	41	41	24	21	28	47	62	96
acres	2,428	2,359	1,417	1,222	1,667	2,775	3,552	5,725
70 to 99 acres . . . . . farms	111	82	88	77	87	69	91	153
acres	8,905	6,654	7,145	6,268	7,079	5,810	7,752	12,239
100 to 139 acres . . . . . farms	103	54	91	69	43	94	92	112
acres	12,077	6,244	10,402	8,158	5,009	10,799	10,920	13,218
140 to 179 acres . . . . . farms	178	84	112	85	64	77	68	115
acres	28,019	12,998	17,645	13,271	9,988	12,029	10,847	18,226
180 to 219 acres . . . . . farms	76	55	74	56	34	62	70	81
acres	15,031	10,909	14,697	10,831	6,723	12,242	13,699	16,234
220 to 259 acres . . . . . farms	132	37	71	48	46	48	34	48
acres	31,119	8,900	16,799	11,478	10,873	11,422	8,075	11,588
260 to 499 acres . . . . . farms	414	150	257	178	129	189	128	165
acres	151,210	54,741	95,294	66,143	46,254	67,479	44,296	58,439
500 to 999 acres . . . . . farms	242	168	201	119	94	115	91	104
acres	163,319	119,569	140,986	83,527	63,879	79,779	62,721	74,684
1,000 to 1,999 acres . . . . . farms	54	64	58	43	42	36	37	49
acres	70,290	81,473	78,477	54,763	52,767	47,412	46,104	62,718
2,000 acres or more . . . . . farms	5	15	9	15	9	7	2	13
acres	16,065	45,025	27,773	46,990	28,303	16,358	(D)	32,987
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland . . . . . farms, 2002	1,476	903	1,093	755	633	823	792	1,231
1997	1,552	918	1,128	747	665	794	798	1,182
acres, 2002	462,587	330,149	370,853	239,277	176,040	175,115	156,110	216,763
1997	459,583	328,726	362,451	237,680	176,096	176,438	166,280	231,144
Harvested cropland . . . . . farms, 2002	1,350	771	889	521	466	608	583	910
1997	1,470	874	971	531	466	649	641	1,007
acres, 2002	447,482	310,483	331,855	159,970	116,889	121,039	117,295	160,435
1997	438,203	315,848	311,558	150,122	111,685	116,218	121,717	172,957
Cropland used only for pasture or grazing . . . . . farms, 2002	222	151	315	274	249	279	243	405
1997	391	167	408	372	357	381	378	513
acres, 2002	5,181	4,278	15,898	31,429	36,831	25,328	16,567	26,860
1997	12,774	4,610	26,336	45,185	41,652	35,468	27,256	37,252

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>FARMS AND LAND IN FARMS</b>								
Farms . . . . . number, 2002	1,200	788	932	631	1,501	1,148	588	752
1997	1,114	783	988	654	1,561	1,418	649	759
Land in farms . . . . . acres, 2002	334,564	304,983	417,019	240,310	380,034	442,152	224,206	345,490
1997	319,575	298,435	429,724	252,348	373,930	526,671	236,904	366,111
Average size of farm . . . . . acres, 2002	279	387	447	381	253	385	381	459
1997	287	381	435	386	240	371	365	482
Estimated market value of land and buildings <sup>1</sup> . . . . . farms, 2002	1,199	790	930	628	1,497	1,149	589	753
1997	1,117	785	986	653	1,558	1,414	652	757
\$1,000, 2002	742,041	323,089	876,385	566,069	743,193	802,844	486,531	836,600
1997	609,449	200,581	1,040,417	465,459	482,230	698,600	423,722	793,200
Average per farm . . . . . dollars, 2002	618,883	408,974	942,349	901,384	496,455	698,733	826,029	1,111,023
1997	545,613	255,517	1,055,190	712,801	309,519	494,060	649,880	1,047,820
Average per acre . . . . . dollars, 2002	2,271	1,001	2,206	2,101	1,808	1,794	2,153	2,479
1997	1,762	631	2,316	1,801	1,360	1,349	1,646	2,209
2002 farms by value group:								
\$1 to \$49,999 . . . . .	152	133	72	75	65	84	33	42
\$50,000 to \$99,999 . . . . .	102	98	144	30	176	118	113	107
\$100,000 to \$199,999 . . . . .	187	212	95	101	314	220	109	108
\$200,000 to \$499,999 . . . . .	348	182	159	152	532	291	88	136
\$500,000 to \$999,999 . . . . .	183	65	172	90	206	228	52	103
\$1,000,000 to \$1,999,999 . . . . .	143	84	161	68	151	104	125	109
\$2,000,000 to \$4,999,999 . . . . .	80	14	107	103	51	85	67	130
\$5,000,000 to \$9,999,999 . . . . .	4	2	19	9	2	19	2	14
\$10,000,000 or more . . . . .	-	-	1	-	-	-	-	4
Approximate land area . . . . . acres, 2002	363,976	336,387	457,750	256,299	441,350	558,460	255,998	371,663
Proportion in farms . . . . . percent, 2002	91.9	90.7	91.1	93.8	86.1	79.2	87.6	93.0
2002 size of farm:								
1 to 9 acres . . . . . farms	68	12	60	55	65	49	31	67
acres	355	83	328	332	370	237	174	396
10 to 49 acres . . . . . farms	249	87	149	136	284	226	135	120
acres	6,499	2,431	3,303	3,036	7,526	5,685	2,901	2,726
50 to 69 acres . . . . . farms	57	33	22	19	91	59	11	15
acres	3,365	1,968	1,338	1,076	5,332	3,451	625	874
70 to 99 acres . . . . . farms	95	77	56	40	116	94	37	33
acres	8,076	6,275	4,598	3,192	9,523	7,565	3,023	2,615
100 to 139 acres . . . . . farms	98	75	48	28	138	68	34	34
acres	11,432	8,756	5,586	3,206	16,434	7,996	3,988	4,055
140 to 179 acres . . . . . farms	78	77	68	40	126	105	33	50
acres	12,319	12,165	10,707	6,238	19,982	16,559	5,304	7,955
180 to 219 acres . . . . . farms	66	49	39	22	92	43	20	15
acres	12,945	9,613	7,623	4,318	18,054	8,515	4,050	2,940
220 to 259 acres . . . . . farms	57	36	48	26	98	46	22	37
acres	13,678	8,470	11,337	6,183	23,414	10,863	5,175	8,784
260 to 499 acres . . . . . farms	211	161	160	105	282	180	87	129
acres	76,018	58,179	59,041	38,300	98,786	64,530	30,690	47,805
500 to 999 acres . . . . . farms	164	115	147	87	152	159	109	133
acres	111,088	79,364	102,763	64,236	100,045	113,477	79,668	92,706
1,000 to 1,999 acres . . . . . farms	52	50	111	61	50	92	66	108
acres	68,215	64,268	147,730	81,671	64,966	127,148	80,943	142,506
2,000 acres or more . . . . . farms	5	16	24	12	7	27	3	11
acres	10,574	53,411	62,665	28,522	15,602	76,126	7,665	32,128
1997 size of farm:								
1 to 9 acres . . . . . farms	86	28	64	61	76	84	49	47
acres	351	86	280	259	317	342	230	235
10 to 49 acres . . . . . farms	154	77	98	88	236	230	91	73
acres	3,936	2,146	2,445	2,288	6,472	5,898	2,309	1,715
50 to 69 acres . . . . . farms	39	26	26	16	57	48	17	13
acres	2,293	1,596	1,528	914	3,306	2,851	1,030	775
70 to 99 acres . . . . . farms	81	58	52	38	122	100	47	41
acres	6,642	4,706	4,191	2,997	9,985	7,977	3,764	3,284
100 to 139 acres . . . . . farms	86	68	51	33	146	97	37	40
acres	9,936	8,088	5,904	3,873	16,836	11,320	4,427	4,654
140 to 179 acres . . . . . farms	105	59	73	52	183	141	57	47
acres	16,673	9,257	11,509	8,135	28,822	22,342	8,843	7,414
180 to 219 acres . . . . . farms	70	55	54	26	123	54	28	42
acres	13,747	10,842	10,660	5,242	23,920	10,647	5,547	8,281
220 to 259 acres . . . . . farms	60	41	51	28	116	69	30	31
acres	14,109	9,704	12,172	6,622	27,765	16,242	7,158	7,493
260 to 499 acres . . . . . farms	232	170	221	135	316	266	103	132
acres	85,288	60,990	79,097	50,036	109,784	96,587	37,147	50,375
500 to 999 acres . . . . . farms	158	135	184	120	158	212	138	187
acres	107,201	93,025	129,415	84,195	104,095	146,144	99,871	130,990
1,000 to 1,999 acres . . . . . farms	38	53	97	50	24	93	52	99
acres	48,579	65,975	128,449	68,097	30,858	125,431	66,578	130,863
2,000 acres or more . . . . . farms	5	13	17	7	4	24	-	7
acres	10,820	32,020	44,074	19,690	11,770	80,890	-	20,032
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland . . . . . farms, 2002	1,111	742	898	600	1,385	1,046	559	715
1997	990	726	928	598	1,407	1,261	584	698
acres, 2002	284,218	235,265	387,383	224,945	303,258	383,871	208,991	327,057
1997	274,233	225,899	402,064	236,242	294,813	447,106	217,593	345,426
Harvested cropland . . . . . farms, 2002	815	521	759	435	1,021	799	442	581
1997	871	598	886	533	1,155	1,059	516	670
acres, 2002	236,858	144,768	371,464	212,573	251,757	332,515	197,858	316,591
1997	234,010	132,145	388,886	223,225	234,505	380,228	204,000	333,094
Cropland used only for pasture or grazing . . . . . farms, 2002	294	340	88	61	426	273	84	79
1997	343	435	130	83	642	450	117	74
acres, 2002	11,652	48,014	3,210	1,506	19,478	23,020	1,749	2,105
1997	17,670	57,919	5,363	2,230	30,674	30,787	3,644	3,395

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>							
Total cropland - Con.							
Other cropland . . . . . farms, 2002	30,411	315	227	467	280	270	373
1997	26,018	244	246	264	271	238	363
acres, 2002	1,803,787	28,011	23,393	33,611	27,605	19,171	17,268
1997	1,636,847	19,074	22,897	19,500	21,639	13,552	17,971
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	29,532	305	226	462	269	267	363
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	1,758,758	27,681	23,336	33,361	27,230	19,114	17,129
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	1,395	14	4	13	17	4	15
1997	1,265	13	8	6	12	6	10
acres, 2002	45,029	330	57	250	375	57	139
1997	45,571	(D)	141	(D)	252	95	88
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-
1997	697	2	11	5	12	4	6
acres, 2002	-	-	-	-	-	-	-
1997	34,128	(D)	1,366	(D)	469	119	178
Total woodland . . . . . farms, 2002	21,515	140	102	662	313	50	244
1997	24,157	176	132	679	366	92	286
acres, 2002	1,336,752	8,587	7,242	84,781	23,498	2,621	9,885
1997	1,406,516	7,087	6,643	83,931	24,567	3,014	14,779
Woodland pastured . . . . . farms, 2002	9,809	87	62	353	166	24	126
1997	11,957	94	76	459	220	48	144
acres, 2002	548,815	5,117	4,190	45,728	9,531	1,524	4,998
1997	664,136	4,276	4,287	49,991	12,613	947	7,761
Woodland not pastured . . . . . farms, 2002	14,593	72	54	443	181	34	152
1997	16,266	101	66	458	189	52	187
acres, 2002	787,937	3,470	3,052	39,053	13,967	1,097	4,887
1997	742,380	2,811	2,356	33,940	11,954	2,067	7,018
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	23,863	327	216	340	344	130	305
1997	20,080	244	216	280	267	91	217
acres, 2002	1,735,421	33,870	33,998	36,136	36,796	8,744	15,224
1997	1,524,668	25,543	31,657	22,686	32,825	4,856	10,482
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	56,291	563	342	651	535	412	711
1997	65,662	645	431	697	592	495	882
acres, 2002	1,504,026	23,687	14,296	13,605	15,695	16,160	17,439
1997	1,668,894	23,133	16,130	15,026	10,925	17,423	22,789
Pastureland, all types . . . . . farms, 2002	39,529	517	347	618	558	240	529
1997	47,914	603	435	761	663	356	593
acres, 2002	3,639,397	75,136	62,775	95,241	89,806	19,566	29,255
1997	4,256,172	83,229	74,061	101,146	105,832	23,621	36,473
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	30,454	296	264	482	322	240	356
1997	25,848	263	260	399	297	199	320
acres, 2002	1,694,138	25,285	24,872	34,366	27,827	17,364	15,464
1997	1,863,808	25,988	28,558	30,830	30,306	14,933	20,325
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	364	5	2	11	-	5	8
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	46,557	445	(D)	1,839	-	724	548
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	45,205	398	209	263	209	302	619
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	19,609,071	179,057	94,709	70,659	48,460	175,446	257,244
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>								
Total cropland - Con.								
Other cropland .....	farms, 2002	268	201	260	270	208	423	260
	1997	231	163	183	196	146	306	145
acres, 2002	2002	8,110	9,190	9,806	7,674	6,563	14,063	6,849
	1997	5,504	6,387	5,675	7,691	4,956	15,693	5,042
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .....	farms, 2002	261	197	253	264	206	423	257
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	2002	7,816	9,002	9,639	7,575	6,527	14,049	6,690
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned .....	farms, 2002	14	13	7	9	4	4	10
	1997	14	7	5	5	7	31	16
acres, 2002	2002	294	188	167	99	36	14	159
	1997	96	20	43	42	(D)	545	574
Cropland in cultivated summer fallow .....	farms, 2002	-	-	-	-	-	-	-
	1997	6	-	8	11	4	12	4
acres, 2002	2002	-	-	-	-	-	-	-
	1997	147	-	235	203	(D)	612	403
Total woodland .....	farms, 2002	163	162	221	238	65	190	48
	1997	191	209	228	279	70	191	51
acres, 2002	2002	6,500	15,390	6,790	10,239	3,450	9,420	1,889
	1997	7,599	13,877	7,718	10,933	4,000	8,908	2,003
Woodland pastured .....	farms, 2002	42	85	57	108	23	60	21
	1997	55	121	76	141	22	74	23
acres, 2002	2002	1,237	9,340	1,141	3,916	1,448	2,296	616
	1997	2,533	8,861	2,147	4,595	2,316	3,513	1,061
Woodland not pastured .....	farms, 2002	139	98	184	159	51	152	30
	1997	154	118	179	176	53	138	34
acres, 2002	2002	5,263	6,050	5,649	6,323	2,002	7,124	1,273
	1997	5,066	5,016	5,571	6,338	1,684	5,395	942
Pastureland and rangeland, other than cropland and woodland pastured (see text) .....	farms, 2002	151	136	231	224	131	231	118
	1997	151	155	183	206	126	211	83
acres, 2002	2002	4,470	5,348	5,232	8,072	8,865	9,021	5,500
	1997	5,168	6,541	5,897	8,261	6,574	7,727	4,455
Land in house lots, ponds, roads, wasteland, etc. ....	farms, 2002	575	491	614	664	500	689	454
	1997	716	607	734	832	668	790	558
acres, 2002	2002	11,467	11,096	11,746	10,798	14,304	13,531	13,091
	1997	10,619	12,469	15,535	15,745	20,323	14,951	13,993
Pastureland, all types .....	farms, 2002	263	293	355	414	204	376	189
	1997	357	363	422	551	268	461	219
acres, 2002	2002	8,879	19,160	9,533	17,037	13,176	15,740	10,301
	1997	12,825	23,187	13,386	24,251	14,901	21,489	11,094
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....								
farms, 2002	2002	255	214	303	262	232	440	272
	1997	180	157	186	169	121	329	128
acres, 2002	2002	6,913	7,712	5,880	5,799	3,838	13,225	6,692
	1997	4,667	5,816	5,910	6,449	4,201	18,160	4,167
Land used to raise certified organically produced crops (see text) .....	farms, 2002	3	2	2	13	5	2	2
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	2002	(D)	(D)	(D)	1,051	576	(D)	(D)
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) .....	farms, 2002	431	470	436	480	589	542	513
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	2002	176,123	245,507	155,872	216,386	266,948	225,686	284,771
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>							
Total cropland - Con.							
Other cropland . . . . . farms, 2002	323	278	362	230	146	322	291
1997	240	265	247	237	146	231	257
acres, 2002	9,857	20,010	13,856	8,749	4,844	11,032	25,661
1997	8,711	15,396	11,470	13,375	6,273	11,594	21,959
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	315	268	358	220	140	320	286
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	9,641	19,530	13,817	8,339	(D)	(D)	25,124
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	12	15	6	14	8	2	12
1997	11	24	2	11	3	8	23
acres, 2002	216	480	39	410	(D)	(D)	537
1997	383	809	(D)	465	(D)	161	437
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-
1997	7	7	5	4	4	11	6
acres, 2002	-	-	-	-	-	-	-
1997	589	430	(D)	416	(D)	661	358
Total woodland . . . . . farms, 2002	67	99	231	102	70	217	255
1997	73	144	249	111	110	235	261
acres, 2002	2,130	4,698	13,826	1,744	4,948	7,428	18,029
1997	2,602	5,649	11,504	2,564	6,884	8,426	19,972
Woodland pastured . . . . . farms, 2002	28	49	105	37	28	62	130
1997	35	70	132	36	52	84	155
acres, 2002	822	2,384	5,485	621	2,731	1,815	8,573
1997	1,479	2,776	5,542	949	3,449	3,269	11,297
Woodland not pastured . . . . . farms, 2002	44	58	163	73	48	181	152
1997	45	87	168	80	75	180	134
acres, 2002	1,308	2,314	8,341	1,123	2,217	5,613	9,456
1997	1,123	2,873	5,962	1,615	3,435	5,157	8,675
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	194	254	244	179	278	238	332
1997	149	211	206	102	229	204	295
acres, 2002	10,073	20,472	12,505	6,805	26,575	9,738	41,327
1997	7,614	17,185	10,194	4,377	21,113	9,306	42,488
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	691	498	626	468	551	602	473
1997	748	598	689	549	646	685	513
acres, 2002	20,693	15,622	14,226	11,765	14,077	12,424	13,545
1997	19,694	22,975	14,073	13,379	17,887	13,406	15,045
Pastureland, all types . . . . . farms, 2002	314	395	411	251	394	344	506
1997	393	544	517	254	458	441	568
acres, 2002	21,705	43,984	28,224	10,275	42,372	17,357	85,173
1997	22,362	57,962	32,819	10,523	41,257	21,862	104,740
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	342	231	347	240	134	350	275
1997	140	215	238	224	129	233	317
acres, 2002	9,524	15,789	14,248	7,394	3,753	10,449	25,155
1997	7,335	18,175	14,123	11,955	7,603	10,797	35,503
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	6	1	3	2	-	3	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	1,098	(D)	(D)	(D)	-	585	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	691	393	484	476	577	478	226
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	273,199	206,832	226,987	261,677	243,369	175,670	43,958
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>							
Total cropland - Con.							
Other cropland . . . . . farms, 2002	168	649	367	285	296	375	311
1997	188	514	353	313	238	295	264
acres, 2002	9,365	49,097	22,040	14,284	9,487	35,031	33,810
1997	10,594	34,247	20,377	19,303	11,969	27,281	31,225
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	147	638	337	276	287	356	310
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	8,039	48,721	20,891	14,224	9,350	33,659	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	25	22	37	13	16	30	1
1997	11	12	24	10	9	10	4
acres, 2002	1,326	376	1,149	60	137	1,372	(D)
1997	99	336	602	392	339	255	42
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-
1997	3	29	12	9	6	4	7
acres, 2002	-	-	-	-	-	-	-
1997	108	1,323	452	390	205	89	629
Total woodland . . . . . farms, 2002	65	869	293	134	244	451	290
1997	77	991	379	153	279	409	318
acres, 2002	5,078	73,242	13,382	6,004	11,204	28,111	28,351
1997	3,767	82,420	16,879	7,070	13,532	27,401	30,212
Woodland pastured . . . . . farms, 2002	23	416	129	83	107	258	155
1997	31	549	160	91	102	281	200
acres, 2002	2,012	27,128	4,671	2,851	4,264	13,159	11,086
1997	2,060	33,729	5,880	4,242	5,481	15,623	15,270
Woodland not pastured . . . . . farms, 2002	50	653	210	67	164	275	175
1997	51	749	272	84	201	227	169
acres, 2002	3,066	46,114	8,711	3,153	6,940	14,952	17,265
1997	1,707	48,691	10,999	2,828	8,051	11,778	14,942
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	162	454	310	282	245	453	353
1997	129	368	287	293	194	332	306
acres, 2002	11,121	22,553	13,346	19,848	15,020	38,921	61,509
1997	6,663	18,830	11,520	26,813	10,799	38,431	50,209
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	411	1,018	741	618	550	706	479
1997	476	1,158	912	821	654	737	568
acres, 2002	10,956	21,972	15,645	25,129	12,733	19,375	15,994
1997	13,814	20,167	16,923	25,415	13,336	17,590	16,092
Pastureland, all types . . . . . farms, 2002	235	840	528	491	412	713	520
1997	260	1,067	688	701	452	766	625
acres, 2002	17,979	67,511	27,658	42,440	27,583	92,634	114,643
1997	17,548	86,305	33,389	62,340	29,515	108,713	122,827
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	159	640	314	243	292	421	343
1997	186	567	335	248	231	371	338
acres, 2002	6,595	45,156	20,290	13,796	10,015	37,939	35,569
1997	11,375	43,115	25,297	19,669	10,233	37,921	37,499
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	-	3	2	2	4	14	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	-	775	(D)	(D)	(D)	1,196	43
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	463	537	659	558	386	262	206
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	242,994	157,881	263,616	326,251	200,110	80,061	60,347
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>								
Total cropland - Con.								
Other cropland . . . . . farms, 2002	379	227	119	418	121	553	337	255
1997	283	158	150	360	161	303	236	237
acres, 2002	16,533	8,049	6,525	26,156	5,100	21,813	13,792	7,593
1997	10,949	7,222	8,052	20,316	11,621	13,792	11,096	12,059
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	363	222	115	401	116	548	332	249
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	15,523	7,996	6,480	25,844	5,077	21,727	13,483	7,531
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	24	6	5	32	5	12	6	8
1997	5	1	5	9	13	7	13	58
acres, 2002	1,010	53	45	312	23	86	309	62
1997	184	(D)	(D)	255	678	67	505	2,025
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	10	7	2	28	4	10	9	7
acres, 2002	-	-	-	-	-	-	-	-
1997	422	(D)	(D)	1,268	444	389	666	629
Total woodland . . . . . farms, 2002	323	244	43	565	51	418	192	89
1997	395	287	41	717	64	428	218	98
acres, 2002	19,592	14,280	856	36,716	1,239	26,180	6,564	3,930
1997	19,828	18,430	857	42,616	1,958	24,924	8,188	3,662
Woodland pastured . . . . . farms, 2002	157	75	23	312	21	154	50	33
1997	219	131	17	451	33	204	88	36
acres, 2002	7,366	3,578	530	20,599	487	8,744	1,685	1,214
1997	9,570	6,923	526	26,224	1,185	10,543	2,929	1,629
Woodland not pastured . . . . . farms, 2002	209	192	28	349	35	333	161	64
1997	250	218	29	427	35	322	155	74
acres, 2002	12,226	10,702	326	16,117	752	17,436	4,879	2,716
1997	10,258	11,507	331	16,392	773	14,381	5,259	2,033
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	270	133	115	499	101	313	178	132
1997	210	133	120	430	80	284	136	117
acres, 2002	10,720	7,068	7,510	26,147	7,848	15,276	6,027	6,293
1997	8,288	9,610	8,190	23,345	4,202	18,666	4,740	9,604
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	823	386	289	898	274	844	533	496
1997	911	468	367	990	341	925	612	572
acres, 2002	14,797	7,386	7,125	11,203	7,712	15,146	10,916	13,826
1997	13,565	11,159	12,676	17,345	9,319	18,569	14,502	15,537
Pastureland, all types . . . . . farms, 2002	558	258	172	874	162	552	268	208
1997	684	335	226	1,117	180	679	342	234
acres, 2002	30,498	18,265	9,990	60,893	13,491	34,348	10,266	10,838
1997	35,321	25,693	16,645	76,386	12,516	44,427	14,934	15,815
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	409	231	119	448	134	578	376	274
1997	295	184	174	375	162	336	288	203
acres, 2002	13,817	7,362	5,463	27,023	5,864	21,580	13,353	6,465
1997	13,311	9,364	11,555	23,748	11,903	16,529	14,047	9,340
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	3	4	-	6	-	-	3	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	(D)	644	-	(D)	-	-	824	1,505
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	642	329	308	621	323	608	433	521
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	187,665	106,819	164,479	115,718	183,449	239,062	197,750	258,256
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>								
Total cropland - Con.								
Other cropland . . . . . farms, 2002	191	211	177	345	277	262	251	263
1997	238	181	125	271	190	174	194	254
acres, 2002	13,073	8,144	7,970	22,997	10,852	7,415	8,309	16,040
1997	19,041	8,838	3,525	19,574	8,813	8,828	7,824	19,578
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	172	209	171	344	273	257	246	256
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	10,939	8,106	(D)	(D)	10,682	7,334	8,271	15,408
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	23	3	8	5	6	8	7	15
1997	39	14	6	12	26	16	41	15
acres, 2002	2,134	38	(D)	(D)	170	81	38	632
1997	6,204	(D)	(D)	309	785	1,188	1,338	1,396
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	8	2	2	6	5	6	9	6
acres, 2002	-	-	-	-	-	-	-	-
1997	139	(D)	(D)	271	189	316	161	155
Total woodland . . . . . farms, 2002	137	109	50	244	100	53	130	253
1997	181	121	65	242	106	79	144	304
acres, 2002	11,834	6,888	2,306	13,267	6,438	1,168	7,211	17,300
1997	11,721	6,706	1,931	15,523	6,120	2,402	6,987	21,192
Woodland pastured . . . . . farms, 2002	50	71	13	123	34	16	64	127
1997	68	70	30	150	36	34	68	140
acres, 2002	3,451	4,658	1,252	6,570	1,526	338	3,826	7,881
1997	3,353	4,082	1,384	8,063	1,429	1,036	4,395	8,121
Woodland not pastured . . . . . farms, 2002	102	59	39	153	75	40	83	161
1997	136	71	45	143	81	56	88	218
acres, 2002	8,383	2,230	1,054	6,697	4,912	830	3,385	9,419
1997	8,368	2,624	547	7,460	4,691	1,366	2,592	13,071
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	143	146	163	318	82	79	171	244
1997	95	115	133	271	81	89	131	158
acres, 2002	9,034	8,348	6,567	31,572	4,322	2,336	11,854	23,764
1997	19,260	6,494	4,832	27,787	2,214	3,721	8,387	14,137
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	338	410	452	525	461	454	464	498
1997	408	504	521	616	542	568	550	575
acres, 2002	17,091	14,644	9,623	17,522	10,737	10,245	10,646	19,610
1997	20,246	14,521	16,355	21,827	11,691	13,665	12,215	16,964
Pastureland, all types . . . . . farms, 2002	234	253	215	483	164	172	256	390
1997	316	327	287	540	189	224	302	432
acres, 2002	23,539	17,392	9,695	55,986	7,845	5,034	19,366	45,926
1997	41,635	21,701	13,319	65,728	7,585	7,906	20,102	44,197
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	144	235	190	349	294	255	275	248
1997	173	188	90	304	150	184	140	219
acres, 2002	8,352	7,444	3,334	21,843	7,405	4,861	7,248	15,900
1997	12,063	9,455	2,106	25,788	6,114	7,676	6,046	16,185
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	2	2	4	-	1	2	-	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	(D)	(D)	1,102	-	(D)	(D)	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	331	458	429	373	478	545	500	420
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	225,889	270,007	224,695	188,108	273,032	255,595	255,662	264,727
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>								
Total cropland - Con.								
Other cropland . . . . . farms, 2002	341	391	166	210	443	502	353	400
1997	328	276	104	187	436	378	351	351
acres, 2002	22,257	19,031	5,159	9,906	38,354	44,219	20,120	28,906
1997	20,862	14,761	3,570	8,093	32,342	27,967	21,684	25,306
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	335	381	166	205	437	469	352	379
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	21,977	18,792	5,108	9,778	38,060	42,464	(D)	27,947
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	14	10	3	6	7	53	2	32
1997	3	4	7	1	16	7	8	7
acres, 2002	280	239	51	128	294	1,755	(D)	959
1997	(D)	(D)	204	(D)	489	61	149	(D)
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	12	8	12	6	3	9	10	4
acres, 2002	-	-	-	-	-	-	-	-
1997	(D)	(D)	225	(D)	105	294	296	(D)
Total woodland . . . . . farms, 2002	297	218	53	24	243	651	253	341
1997	354	222	65	59	265	681	301	360
acres, 2002	22,807	8,077	2,729	829	21,091	51,330	10,840	22,653
1997	23,501	6,677	2,075	1,255	21,485	55,758	13,054	21,766
Woodland pastured . . . . . farms, 2002	110	79	20	6	115	421	113	145
1997	137	90	32	18	135	469	165	167
acres, 2002	4,990	2,209	1,314	412	6,506	31,078	4,765	6,746
1997	8,235	2,752	1,005	392	6,982	38,227	6,688	8,258
Woodland not pastured . . . . . farms, 2002	229	166	34	19	159	344	173	249
1997	265	152	39	42	173	366	181	274
acres, 2002	17,817	5,868	1,415	417	14,585	20,252	6,075	15,907
1997	15,266	3,925	1,070	863	14,503	17,531	6,366	13,508
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	234	166	81	165	243	550	388	262
1997	199	186	53	121	186	447	342	233
acres, 2002	14,532	9,732	3,340	10,208	20,650	46,522	24,486	16,814
1997	11,194	9,273	2,027	7,813	17,807	38,722	20,383	16,172
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	550	549	345	383	626	793	803	527
1997	595	645	401	495	706	851	921	583
acres, 2002	15,503	14,976	11,524	14,555	20,986	13,282	20,345	16,525
1997	12,135	14,905	8,488	14,177	23,241	11,047	23,277	16,178
Pastureland, all types . . . . . farms, 2002	383	289	120	253	476	915	612	427
1997	442	417	119	362	570	1,025	751	503
acres, 2002	30,343	17,386	6,006	16,973	48,858	100,780	43,351	36,685
1997	35,301	22,633	6,076	25,597	55,199	119,359	54,848	41,858
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	375	424	192	177	418	493	320	405
1997	335	331	69	131	441	445	326	378
acres, 2002	22,750	20,749	4,619	7,854	37,749	42,335	17,620	29,081
1997	25,175	18,964	2,090	7,123	38,251	36,602	22,219	29,290
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	3	11	1	3	4	1	2	10
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	(D)	1,930	(D)	521	288	(D)	(D)	2,722
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	365	422	414	346	440	441	628	355
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	137,137	173,306	213,441	203,014	162,870	101,789	267,250	107,817
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>								
Total cropland - Con.								
Other cropland . . . . . farms, 2002	419	350	555	341	355	400	270	324
1997	440	277	434	238	287	431	248	299
acres, 2002	22,895	17,629	45,191	10,867	19,728	17,851	16,115	28,504
1997	28,390	14,200	39,792	10,926	16,268	22,671	15,059	31,056
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	414	323	539	331	332	389	264	314
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	22,825	16,874	44,242	10,664	19,052	17,702	15,417	26,651
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	10	42	27	11	30	21	18	16
1997	20	9	11	16	7	20	7	7
acres, 2002	70	755	949	203	676	149	698	1,853
1997	295	327	646	(D)	278	778	(D)	168
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	21	10	12	4	5	7	1	9
acres, 2002	-	-	-	-	-	-	-	-
1997	500	409	578	(D)	365	102	(D)	723
Total woodland . . . . . farms, 2002	384	366	341	65	455	462	215	311
1997	485	411	380	86	486	501	252	320
acres, 2002	14,463	21,841	18,707	4,119	37,112	22,478	15,073	26,597
1997	15,259	23,732	21,202	4,310	36,511	19,692	16,484	23,696
Woodland pastured . . . . . farms, 2002	169	187	160	25	203	183	61	165
1997	195	225	180	31	228	239	95	184
acres, 2002	5,544	9,741	8,055	2,589	12,896	7,315	3,694	8,943
1997	5,214	11,971	8,999	2,551	16,024	10,008	4,471	12,097
Woodland not pastured . . . . . farms, 2002	264	231	234	45	316	328	165	197
1997	342	286	260	60	341	338	204	207
acres, 2002	8,919	12,100	10,652	1,530	24,216	15,163	11,379	17,654
1997	10,045	11,761	12,203	1,759	20,487	9,684	12,013	11,599
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	300	308	316	132	262	406	131	319
1997	252	301	222	116	274	367	121	254
acres, 2002	12,897	17,605	22,890	7,952	19,566	18,586	6,911	41,391
1997	11,229	19,670	12,974	8,806	21,166	14,985	6,485	37,743
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	818	665	642	752	604	972	354	459
1997	964	724	710	891	655	1,090	417	532
acres, 2002	15,775	13,529	22,357	20,004	11,989	15,975	9,725	20,079
1997	16,326	14,177	27,004	19,811	13,292	16,511	11,707	14,828
Pastureland, all types . . . . . farms, 2002	605	526	537	224	478	704	218	492
1997	733	680	577	299	565	835	278	562
acres, 2002	33,192	43,449	54,401	15,677	44,290	37,341	15,665	83,821
1997	38,816	53,859	54,267	19,489	55,825	39,595	18,895	103,813
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	397	306	549	397	349	389	268	316
1997	375	242	502	227	325	421	249	336
acres, 2002	21,571	17,264	44,576	9,408	18,342	16,331	15,532	31,454
1997	29,133	15,616	47,157	9,470	19,604	23,745	16,800	37,632
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	19	1	7	7	4	8	3	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	1,706	(D)	344	1,746	(D)	1,128	583	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	492	485	570	940	352	584	313	189
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	163,731	163,513	181,851	483,522	128,404	215,418	124,466	42,189
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>								
Total cropland - Con.								
Other cropland . . . . . farms, 2002	119	323	445	435	290	158	236	183
1997	179	316	412	338	310	169	151	224
acres, 2002	3,072	21,588	33,028	28,479	13,870	8,140	10,171	13,901
1997	5,987	18,835	25,316	22,127	19,384	14,259	6,966	18,396
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	118	312	438	426	286	142	234	168
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	2,974	21,115	32,659	28,192	13,704	7,407	(D)	12,933
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	6	20	15	13	5	20	2	19
1997	15	25	16	8	12	26	-	18
acres, 2002	98	473	369	287	166	733	(D)	968
1997	103	961	(D)	82	(D)	(D)	-	302
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	16	6	2	9	2	1	9	9
acres, 2002	-	-	(D)	-	(D)	(D)	263	137
1997	441	221	(D)	475	(D)	(D)	263	137
Total woodland . . . . . farms, 2002	44	370	298	390	146	113	189	164
1997	41	368	333	438	185	124	191	185
acres, 2002	1,256	25,067	17,509	19,058	6,460	4,725	6,750	18,891
1997	1,194	28,502	16,888	24,805	6,996	5,576	6,299	18,410
Woodland pastured . . . . . farms, 2002	26	165	121	173	54	44	62	96
1997	27	187	151	180	74	46	78	102
acres, 2002	749	11,537	5,655	6,225	1,920	881	1,291	10,379
1997	675	14,515	6,793	9,863	3,586	1,123	2,344	9,093
Woodland not pastured . . . . . farms, 2002	24	254	205	263	102	82	138	87
1997	21	237	235	327	128	91	138	100
acres, 2002	507	13,530	11,854	12,833	4,540	3,844	5,459	8,512
1997	519	13,987	10,095	14,942	3,410	4,453	3,955	9,317
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	317	457	311	375	208	98	159	166
1997	219	395	272	334	191	84	151	163
acres, 2002	18,226	49,978	16,783	28,217	11,769	5,367	8,452	21,885
1997	13,526	46,216	20,564	25,929	8,604	7,154	5,954	20,975
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	716	685	657	658	524	319	527	368
1997	846	764	790	757	654	376	582	445
acres, 2002	17,139	19,208	16,153	15,147	14,533	16,984	11,048	16,728
1997	20,373	20,347	20,036	20,513	16,559	15,878	11,716	14,311
Pastureland, all types . . . . . farms, 2002	456	677	454	571	322	208	268	265
1997	543	767	578	685	431	265	331	355
acres, 2002	26,675	95,014	36,489	52,268	22,439	14,360	12,785	43,668
1997	30,194	111,179	48,018	64,639	25,168	19,740	14,316	53,988
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	144	309	450	414	276	111	267	151
1997	170	348	439	393	289	115	184	185
acres, 2002	5,768	20,491	30,338	25,877	12,966	5,213	8,131	10,774
1997	8,899	27,540	28,475	27,415	18,937	6,889	7,836	17,862
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	4	1	4	2	3	-	8	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	804	(D)	984	(D)	488	-	682	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	683	322	560	388	452	268	482	407
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	244,998	107,832	194,952	126,234	246,535	169,065	214,869	268,728
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>								
Total cropland - Con.								
Other cropland . . . . . farms, 2002	264	248	294	189	187	321	280	276
1997	205	256	236	147	123	297	229	332
acres, 2002	23,638	16,098	14,786	6,301	10,473	23,470	11,698	16,779
1997	17,888	18,421	11,476	5,488	4,579	22,154	13,653	19,472
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	239	236	286	186	184	311	267	270
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	21,318	15,796	13,160	6,030	10,397	22,706	9,935	16,600
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	42	15	14	3	6	19	30	8
1997	16	16	18	6	4	15	28	12
acres, 2002	2,320	302	1,626	271	76	764	1,763	179
1997	(D)	376	(D)	83	101	(D)	456	286
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	3	4	2	5	6	1	5	10
acres, 2002	-	-	(D)	-	-	-	-	-
1997	(D)	333	(D)	36	295	(D)	82	401
Total woodland . . . . . farms, 2002	383	93	251	48	22	169	52	92
1997	370	122	257	50	16	194	69	99
acres, 2002	36,138	3,262	14,245	2,726	444	7,890	1,624	4,927
1997	28,921	4,265	14,341	2,197	1,060	8,271	2,654	6,508
Woodland pastured . . . . . farms, 2002	219	48	98	26	8	93	17	48
1997	212	55	122	24	4	81	23	48
acres, 2002	19,584	1,540	5,926	1,277	60	3,887	802	2,635
1997	15,019	1,779	7,131	1,070	52	3,366	547	4,304
Woodland not pastured . . . . . farms, 2002	217	56	175	27	14	99	39	53
1997	237	81	170	30	17	147	57	60
acres, 2002	16,554	1,722	8,319	1,449	384	4,003	822	2,292
1997	13,902	2,486	7,210	1,127	1,008	4,905	2,107	2,204
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	274	192	200	227	89	345	105	387
1997	252	160	176	159	84	248	95	290
acres, 2002	39,160	18,954	7,869	12,790	3,437	28,473	5,275	31,810
1997	30,837	11,926	7,473	9,710	2,902	20,435	5,389	24,236
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	458	362	509	659	368	581	446	879
1997	499	474	580	710	481	671	529	1,089
acres, 2002	12,225	15,244	10,818	14,658	10,115	24,712	12,407	22,806
1997	10,074	19,846	9,456	17,822	15,331	23,403	15,542	28,403
Pastureland, all types . . . . . farms, 2002	487	280	353	305	126	499	169	553
1997	560	373	423	336	174	595	208	715
acres, 2002	104,608	30,469	19,638	18,257	4,605	58,191	8,969	51,023
1997	99,565	35,121	24,237	21,572	6,539	61,376	9,710	57,460
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	250	214	274	210	196	330	305	260
1997	246	231	221	129	122	319	222	321
acres, 2002	23,215	15,311	12,640	5,623	7,502	22,569	10,431	15,308
1997	25,530	19,221	11,578	4,640	5,208	27,657	15,280	23,276
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	-	-	2	2	1	5	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	-	-	(D)	(D)	(D)	319	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	247	307	380	693	456	442	510	918
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	61,711	144,208	148,435	275,104	208,734	182,618	258,920	402,407
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>								
Total cropland - Con.								
Other cropland . . . . . farms, 2002	213	182	349	373	345	204	162	265
1997	138	211	393	399	309	174	158	269
acres, 2002	6,285	8,317	20,593	26,821	39,657	5,428	5,507	11,213
1997	5,221	10,964	21,096	35,021	35,065	4,951	5,205	10,335
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	206	180	325	372	331	201	149	249
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	5,693	(D)	19,624	(D)	38,554	5,395	5,194	10,752
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	9	4	32	5	26	5	19	17
1997	16	18	29	4	11	8	6	8
acres, 2002	592	(D)	969	(D)	1,103	33	313	461
1997	(D)	713	1,147	(D)	987	46	135	(D)
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	4	-	5	8	5	5	-	2
acres, 2002	-	-	-	-	-	-	-	-
1997	(D)	-	348	(D)	218	132	-	(D)
Total woodland . . . . . farms, 2002	23	188	214	180	184	65	149	63
1997	28	218	291	214	196	74	138	89
acres, 2002	1,118	6,701	9,573	9,076	14,604	5,056	5,024	1,568
1997	1,164	9,814	10,290	6,969	9,741	3,451	6,021	2,880
Woodland pastured . . . . . farms, 2002	11	61	100	68	97	32	54	34
1997	9	66	126	72	99	24	63	45
acres, 2002	675	2,422	4,012	2,959	5,689	1,968	1,679	928
1997	689	3,542	3,685	2,541	5,034	1,433	3,080	1,853
Woodland not pastured . . . . . farms, 2002	14	142	140	133	110	39	106	34
1997	20	172	194	157	131	56	87	51
acres, 2002	443	4,279	5,561	6,117	8,915	3,088	3,345	640
1997	475	6,272	6,605	4,428	4,707	2,018	2,941	1,027
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	75	177	316	294	280	172	164	191
1997	50	137	212	243	184	152	124	141
acres, 2002	5,994	7,364	16,579	19,085	47,299	5,903	5,797	7,726
1997	2,775	5,770	13,341	17,312	25,985	13,777	4,774	6,813
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	431	470	823	575	442	474	472	565
1997	485	576	971	716	521	570	548	671
acres, 2002	14,458	8,801	26,557	22,354	21,663	15,222	7,554	15,958
1997	14,860	10,959	32,640	21,035	20,415	16,784	9,714	18,577
Pastureland, all types . . . . . farms, 2002	118	314	582	471	490	266	287	365
1997	135	342	701	594	517	323	350	457
acres, 2002	8,034	15,443	44,654	40,947	109,914	12,584	10,869	21,334
1997	6,361	17,041	44,295	49,760	97,357	24,261	14,364	26,742
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	261	170	260	391	385	215	139	192
1997	131	188	187	424	381	119	101	170
acres, 2002	4,793	7,613	9,909	27,320	47,515	5,264	4,753	8,730
1997	5,482	11,276	10,570	39,682	47,677	3,669	4,455	10,101
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	-	8	4	5	6	4	2	9
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	-	224	256	587	206	954	(D)	1,405
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	586	310	725	446	243	549	351	616
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	293,668	153,266	384,936	190,425	69,201	276,359	143,749	257,407
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>								
Total cropland - Con.								
Other cropland . . . . . farms, 2002	221	261	409	392	258	390	344	524
1997	208	228	382	352	257	316	290	402
acres, 2002	9,924	15,388	23,100	47,878	22,320	28,748	22,448	29,468
1997	8,606	8,268	24,557	42,373	22,759	24,752	17,307	20,935
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	209	257	406	387	258	376	324	510
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	9,156	15,167	22,945	47,370	22,219	28,240	21,448	29,321
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	17	10	3	12	4	28	26	27
1997	16	18	20	7	7	8	10	18
acres, 2002	768	221	155	508	101	508	800	147
1997	246	(D)	620	169	136	62	131	259
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	10	6	15	7	5	5	7	7
acres, 2002	-	-	-	-	-	-	-	-
1997	775	(D)	378	420	108	315	148	116
Total woodland . . . . . farms, 2002	36	158	268	175	143	477	386	489
1997	61	175	288	227	162	498	403	544
acres, 2002	1,519	7,442	15,156	11,919	10,567	39,655	21,355	21,808
1997	1,853	6,809	14,829	12,797	9,379	46,843	21,619	25,327
Woodland pastured . . . . . farms, 2002	11	59	146	95	73	229	180	197
1997	23	74	148	102	97	269	201	266
acres, 2002	535	2,431	5,852	4,044	4,296	14,265	8,917	7,628
1997	462	3,365	5,790	3,517	5,135	21,002	8,440	11,438
Woodland not pastured . . . . . farms, 2002	28	117	164	115	81	328	248	339
1997	42	128	189	165	88	351	275	345
acres, 2002	984	5,011	9,304	7,875	6,271	25,390	12,438	14,180
1997	1,391	3,444	9,039	9,280	4,244	25,841	13,179	13,889
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	285	194	313	281	268	280	273	473
1997	237	140	243	229	240	296	240	427
acres, 2002	19,218	9,327	17,842	33,739	35,817	25,833	16,583	41,216
1997	18,149	6,265	13,906	30,517	36,500	28,585	14,638	35,854
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	1,074	613	665	482	403	571	572	869
1997	1,197	658	832	576	485	621	637	983
acres, 2002	21,851	12,686	14,066	23,405	15,610	12,652	12,090	19,429
1997	24,381	11,732	24,102	23,716	14,236	17,234	15,659	22,938
Pastureland, all types . . . . . farms, 2002	446	324	534	470	438	502	462	762
1997	598	320	603	538	535	631	560	878
acres, 2002	24,934	16,036	39,592	69,212	76,944	65,426	42,067	75,704
1997	31,385	14,240	46,032	79,219	83,287	85,055	50,334	84,544
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	279	251	379	394	285	350	322	496
1997	139	176	369	403	308	364	289	399
acres, 2002	11,070	6,798	22,986	48,721	23,026	25,158	19,446	29,699
1997	5,755	5,614	28,667	51,783	30,985	33,642	19,694	26,775
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	8	3	5	-	4	1	1	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	909	(D)	417	-	290	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	1,029	589	583	280	242	309	254	393
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	382,393	279,960	262,186	121,293	72,808	85,975	87,968	117,256
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>								
Total cropland - Con.								
Other cropland . . . . . farms, 2002	528	356	303	251	561	358	204	279
1997	374	292	167	178	472	429	156	176
acres, 2002	35,708	42,483	12,709	10,866	32,023	28,336	9,384	8,361
1997	22,553	35,835	7,815	10,787	29,634	36,091	9,949	8,937
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms, 2002	518	345	298	233	558	350	198	274
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	35,617	41,970	12,484	10,573	31,833	28,088	9,316	8,329
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland on which all crops failed or were abandoned . . . . . farms, 2002	16	17	12	20	10	12	6	5
1997	9	14	9	7	10	12	5	28
acres, 2002	91	513	225	293	190	248	68	32
1997	(D)	295	60	87	240	306	(D)	832
Cropland in cultivated summer fallow . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	1	14	4	9	16	9	2	8
acres, 2002	-	-	-	-	-	-	-	-
1997	(D)	1,123	342	164	1,259	1,017	(D)	163
Total woodland . . . . . farms, 2002	391	245	134	69	644	171	100	74
1997	388	238	173	97	725	244	123	64
acres, 2002	19,912	16,082	9,846	1,876	35,981	9,586	3,111	2,263
1997	17,833	15,452	11,619	1,645	38,513	14,711	3,873	2,754
Woodland pastured . . . . . farms, 2002	140	121	68	34	247	84	37	24
1997	144	121	79	43	355	147	59	15
acres, 2002	6,728	6,949	4,224	450	12,953	3,780	898	999
1997	5,960	6,748	6,154	535	19,045	10,132	1,596	487
Woodland not pastured . . . . . farms, 2002	285	161	86	48	509	104	77	52
1997	307	157	107	70	544	125	75	53
acres, 2002	13,184	9,133	5,622	1,426	23,028	5,806	2,213	1,264
1997	11,873	8,704	5,465	1,110	19,468	4,579	2,277	2,267
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms, 2002	281	261	80	62	481	348	100	92
1997	225	234	73	79	425	304	103	77
acres, 2002	13,434	36,386	5,101	1,844	22,140	25,975	3,697	3,220
1997	8,295	36,308	3,897	2,770	18,633	33,168	3,614	3,052
Land in house lots, ponds, roads, wasteland, etc. . . . . farms, 2002	756	443	481	351	990	676	344	413
1997	795	568	560	434	1,107	933	428	492
acres, 2002	17,000	17,250	14,689	11,645	18,655	22,720	8,407	12,950
1997	19,214	20,776	12,144	11,691	21,971	31,686	11,824	14,879
Pastureland, all types . . . . . farms, 2002	511	497	184	115	781	549	179	154
1997	531	565	259	157	983	723	234	143
acres, 2002	31,814	91,349	12,535	3,800	54,571	52,775	6,344	6,324
1997	31,925	100,975	15,414	5,535	68,352	74,087	8,854	6,934
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms, 2002	586	383	352	259	540	299	210	292
1997	373	363	144	193	519	441	200	155
acres, 2002	37,700	43,340	8,179	10,116	30,166	29,583	6,513	8,125
1997	25,743	49,183	3,943	12,273	35,092	43,218	10,921	6,354
Land used to raise certified organically produced crops (see text) . . . . . farms, 2002	21	-	3	1	16	3	3	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	1,857	-	(D)	(D)	2,861	352	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Land enrolled in federal or other crop insurance programs (see text) . . . . . farms, 2002	539	256	624	373	515	546	350	470
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres, 2002	188,506	102,723	340,176	191,942	155,251	293,557	179,193	283,072
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

<sup>1</sup> Data are based on a sample of farms.

**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms . . . . . number, 2002	67,338	621	380	630	580	428	933
1997	77,706	671	459	731	654	557	1,060
acres harvested, 2002	23,994,343	242,912	134,308	144,612	88,565	205,216	331,805
1997	24,008,826	222,971	128,291	138,471	103,810	225,163	350,786
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>							
2002 size of farm:							
1 to 9 acres . . . . . farms	1,249	4	9	8	8	7	19
acres harvested	4,787	16	(D)	24	21	22	57
10 to 49 acres . . . . . farms	6,965	42	24	43	70	31	111
acres harvested	112,526	702	(D)	556	1,304	570	1,724
50 to 69 acres . . . . . farms	2,120	10	8	10	20	11	17
acres harvested	74,661	422	(D)	316	526	432	538
70 to 99 acres . . . . . farms	4,384	36	25	34	61	20	58
acres harvested	235,674	1,664	963	1,526	2,229	1,136	3,205
100 to 139 acres . . . . . farms	4,481	40	17	41	53	16	40
acres harvested	343,599	2,919	878	2,499	3,010	949	3,545
140 to 179 acres . . . . . farms	5,803	52	29	38	50	40	96
acres harvested	665,855	4,418	2,158	3,055	3,143	4,199	11,146
180 to 219 acres . . . . . farms	3,769	23	19	57	35	18	55
acres harvested	522,009	2,018	1,609	4,965	2,247	2,264	8,363
220 to 259 acres . . . . . farms	3,932	41	25	60	36	15	51
acres harvested	678,920	6,322	3,609	7,429	2,990	2,309	10,285
260 to 499 acres . . . . . farms	14,456	148	68	166	120	103	213
acres harvested	4,068,100	30,728	10,977	31,462	18,093	28,605	66,687
500 to 999 acres . . . . . farms	12,728	129	88	124	89	96	178
acres harvested	7,306,624	62,138	40,371	46,172	26,842	58,005	106,299
1,000 to 1,999 acres . . . . . farms	6,141	68	56	43	32	52	85
acres harvested	6,902,124	62,483	55,481	32,635	20,845	60,195	98,318
2,000 acres or more . . . . . farms	1,310	28	12	6	6	19	10
acres harvested	3,079,464	69,082	17,610	13,973	7,315	46,530	21,638
1997 size of farm:							
1 to 9 acres . . . . . farms	1,618	2	6	4	2	14	32
acres harvested	5,979	(D)	24	13	(D)	55	107
10 to 49 acres . . . . . farms	7,942	45	35	58	65	39	125
acres harvested	126,299	874	610	820	1,232	646	2,048
50 to 69 acres . . . . . farms	2,163	13	7	10	23	17	30
acres harvested	75,431	457	253	380	580	587	1,047
70 to 99 acres . . . . . farms	5,126	47	31	24	71	27	62
acres harvested	276,828	2,072	1,120	846	2,803	1,555	3,376
100 to 139 acres . . . . . farms	5,296	36	30	61	54	23	54
acres harvested	410,376	2,227	1,925	3,673	2,319	1,628	4,386
140 to 179 acres . . . . . farms	7,127	63	33	69	69	47	98
acres harvested	815,127	6,066	1,918	5,058	4,322	5,429	11,588
180 to 219 acres . . . . . farms	4,744	29	29	72	54	31	63
acres harvested	659,805	2,751	2,523	7,693	4,287	3,417	9,927
220 to 259 acres . . . . . farms	4,759	42	22	59	48	34	65
acres harvested	824,067	6,320	2,319	7,580	4,612	6,546	13,087
260 to 499 acres . . . . . farms	17,940	160	108	202	115	136	234
acres harvested	5,010,112	35,781	19,712	38,964	16,594	38,406	69,957
500 to 999 acres . . . . . farms	14,853	153	110	133	113	134	207
acres harvested	8,267,650	72,342	46,318	42,504	33,580	78,970	124,488
1,000 to 1,999 acres . . . . . farms	5,311	66	38	33	30	42	83
acres harvested	5,688,040	60,815	35,248	23,705	20,382	46,436	94,332
2,000 acres or more . . . . . farms	827	15	10	6	10	13	7
acres harvested	1,849,112	(D)	16,321	7,235	(D)	41,488	16,443
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>							
2002 acres harvested:							
1 to 9 acres . . . . . farms	4,320	22	30	46	25	14	72
acres	21,718	129	179	206	128	69	355
10 to 19 acres . . . . . farms	3,813	29	20	34	54	20	39
acres	50,583	398	261	442	722	260	529
20 to 29 acres . . . . . farms	2,616	30	16	23	53	28	26
acres	60,826	675	347	525	1,242	613	622
30 to 49 acres . . . . . farms	3,938	35	30	48	90	10	50
acres	148,678	1,345	1,101	1,878	3,270	391	1,845
50 to 99 acres . . . . . farms	7,557	81	48	100	117	42	93
acres	542,299	5,905	3,523	7,400	8,177	2,975	6,962
100 to 199 acres . . . . . farms	11,660	112	58	133	106	64	149
acres	1,677,257	16,234	8,124	19,218	14,312	9,266	22,264
200 to 499 acres . . . . . farms	17,404	169	82	178	93	109	279
acres	5,613,338	52,952	27,786	52,295	26,793	36,898	91,814
500 to 999 acres . . . . . farms	10,515	86	57	48	33	86	154
acres	7,319,342	60,685	38,880	31,793	22,709	62,108	107,446
1,000 acres or more . . . . . farms	5,515	57	39	20	9	55	71
acres	8,560,302	104,589	54,107	30,855	11,212	92,636	99,968
1997 acres harvested:							
1 to 9 acres . . . . . farms	5,320	26	28	43	22	26	89
acres	26,175	160	127	219	118	132	395
10 to 19 acres . . . . . farms	4,165	33	37	32	63	27	54
acres	55,245	470	483	461	821	335	701
20 to 29 acres . . . . . farms	2,770	22	16	44	42	19	24
acres	64,576	521	367	1,013	1,012	434	561
30 to 49 acres . . . . . farms	4,405	44	40	53	116	21	60
acres	166,097	1,621	1,548	2,031	4,309	777	2,257
50 to 99 acres . . . . . farms	9,065	75	62	113	129	49	113
acres	656,852	5,118	4,464	8,113	8,806	3,422	8,320
100 to 199 acres . . . . . farms	14,838	135	80	199	129	93	173
acres	2,142,782	19,546	11,128	28,760	17,783	13,332	25,438
200 to 499 acres . . . . . farms	21,506	202	118	200	107	173	298
acres	6,953,246	65,743	38,237	59,262	31,701	55,195	97,006
500 to 999 acres . . . . . farms	11,534	95	55	37	37	109	182
acres	7,898,163	66,619	38,853	23,969	25,051	74,754	124,208
1,000 acres or more . . . . . farms	4,103	39	23	10	9	40	67
acres	6,045,690	63,173	33,084	14,643	14,209	76,782	91,900

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Farms . . . . . number, 2002	723	668	746	857	662	783	612
1997	907	797	858	1,008	787	943	761
acres harvested, 2002	241,295	267,212	218,189	298,590	305,632	277,250	309,225
1997	258,606	295,493	205,940	293,232	324,361	277,238	314,757
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>							
2002 size of farm:							
1 to 9 acres . . . . . farms	19	30	26	18	13	17	12
acres harvested	62	118	94	66	55	79	44
10 to 49 acres . . . . . farms	110	105	87	88	30	92	49
acres harvested	2,169	1,736	1,487	1,647	509	1,347	891
50 to 69 acres . . . . . farms	29	24	31	32	8	19	12
acres harvested	1,383	795	1,238	1,173	320	712	483
70 to 99 acres . . . . . farms	62	42	58	93	37	55	34
acres harvested	3,902	2,595	3,753	5,410	2,448	3,229	2,439
100 to 139 acres . . . . . farms	47	42	74	84	38	39	21
acres harvested	4,566	3,534	7,053	7,552	3,838	3,662	2,423
140 to 179 acres . . . . . farms	68	44	83	73	44	74	60
acres harvested	9,501	5,708	10,916	9,788	6,191	9,647	7,989
180 to 219 acres . . . . . farms	43	25	47	41	26	44	20
acres harvested	7,057	4,433	7,684	6,591	4,680	6,925	3,671
220 to 259 acres . . . . . farms	41	22	55	40	45	68	25
acres harvested	8,383	3,924	11,426	8,260	9,677	12,449	4,975
260 to 499 acres . . . . . farms	128	128	141	169	155	167	125
acres harvested	41,185	41,357	44,765	54,556	54,628	51,885	41,466
500 to 999 acres . . . . . farms	108	108	95	138	200	140	148
acres harvested	67,051	68,999	59,942	90,515	125,968	88,159	96,485
1,000 to 1,999 acres . . . . . farms	60	82	44	71	57	58	88
acres harvested	76,756	98,843	57,861	86,709	70,721	70,653	107,102
2,000 acres or more . . . . . farms	8	16	5	10	9	10	18
acres harvested	19,280	35,170	11,970	26,323	26,597	28,503	41,257
1997 size of farm:							
1 to 9 acres . . . . . farms	27	26	22	16	8	23	20
acres harvested	97	86	70	61	30	97	74
10 to 49 acres . . . . . farms	146	109	131	119	43	121	72
acres harvested	2,503	1,850	2,267	2,076	755	1,737	1,680
50 to 69 acres . . . . . farms	30	22	31	38	10	23	25
acres harvested	1,181	875	1,118	1,521	320	876	1,124
70 to 99 acres . . . . . farms	83	50	63	97	47	62	50
acres harvested	5,267	2,658	4,230	5,863	3,060	3,970	3,336
100 to 139 acres . . . . . farms	75	45	102	114	29	79	33
acres harvested	6,945	4,015	9,640	9,900	2,676	6,845	3,346
140 to 179 acres . . . . . farms	78	66	96	111	66	83	67
acres harvested	10,733	7,580	11,711	13,594	9,532	10,568	9,810
180 to 219 acres . . . . . farms	48	50	68	55	26	63	27
acres harvested	8,256	8,250	11,303	8,515	4,444	9,982	4,970
220 to 259 acres . . . . . farms	44	29	56	52	56	69	39
acres harvested	9,373	5,695	10,784	10,726	12,164	13,414	8,394
260 to 499 acres . . . . . farms	191	159	159	185	226	234	156
acres harvested	61,132	52,069	48,964	59,000	75,555	73,653	53,231
500 to 999 acres . . . . . farms	131	162	96	159	218	126	192
acres harvested	84,124	102,168	57,134	96,293	134,036	73,677	123,927
1,000 to 1,999 acres . . . . . farms	51	69	31	52	50	54	70
acres harvested	60,171	83,523	39,719	63,342	59,433	64,436	83,243
2,000 acres or more . . . . . farms	3	10	3	10	8	6	10
acres harvested	8,824	26,724	9,000	22,341	22,356	17,983	21,622
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>							
2002 acres harvested:							
1 to 9 acres . . . . . farms	53	64	64	47	23	68	28
acres	251	323	297	224	108	374	128
10 to 19 acres . . . . . farms	48	55	31	38	13	32	19
acres	637	751	454	517	167	416	255
20 to 29 acres . . . . . farms	21	27	20	24	10	25	13
acres	505	602	459	534	238	567	303
30 to 49 acres . . . . . farms	48	31	36	60	11	25	21
acres	1,924	1,173	1,408	2,263	397	946	757
50 to 99 acres . . . . . farms	79	63	102	122	44	77	43
acres	5,916	4,744	7,436	8,840	3,166	5,469	3,301
100 to 199 acres . . . . . farms	144	92	171	157	105	151	97
acres	21,093	12,719	24,770	22,354	14,996	21,644	14,092
200 to 499 acres . . . . . farms	176	156	196	210	223	226	155
acres	56,082	53,177	60,918	68,326	76,046	72,154	52,049
500 to 999 acres . . . . . farms	90	96	82	129	173	116	138
acres	62,533	72,004	56,186	92,208	118,038	80,534	96,088
1,000 acres or more . . . . . farms	64	84	44	70	60	63	98
acres	92,354	121,719	66,261	103,324	92,476	95,146	142,252
1997 acres harvested:							
1 to 9 acres . . . . . farms	82	78	75	62	27	87	36
acres	402	383	372	340	112	459	159
10 to 19 acres . . . . . farms	55	38	39	43	18	40	14
acres	710	498	546	577	232	534	211
20 to 29 acres . . . . . farms	27	30	31	30	7	21	28
acres	641	729	718	710	155	474	611
30 to 49 acres . . . . . farms	59	42	51	59	18	47	33
acres	2,200	1,618	1,900	2,283	658	1,822	1,228
50 to 99 acres . . . . . farms	116	77	133	190	61	106	65
acres	8,389	5,719	9,919	13,764	4,628	7,714	4,544
100 to 199 acres . . . . . farms	164	121	213	201	109	189	124
acres	23,862	17,852	30,440	29,260	16,103	27,426	17,897
200 to 499 acres . . . . . farms	233	206	209	235	327	307	216
acres	74,756	70,535	65,467	76,129	110,152	99,409	72,916
500 to 999 acres . . . . . farms	127	133	77	137	173	93	175
acres	87,701	93,091	51,740	92,832	118,878	63,399	121,071
1,000 acres or more . . . . . farms	44	72	30	51	47	53	70
acres	59,945	105,068	44,838	77,337	73,443	76,001	96,120

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms . . . . . number, 2002	838	564	728	619	702	707	503
1997	1,000	697	843	729	802	816	530
acres harvested, 2002	310,612	254,695	273,846	291,508	271,900	224,672	82,352
1997	309,778	244,324	272,753	274,248	271,754	229,138	82,930
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>							
2002 size of farm:							
1 to 9 acres . . . . . farms	28	16	12	11	7	20	5
acres harvested	97	70	44	56	26	78	9
10 to 49 acres . . . . . farms	48	38	72	97	55	73	48
acres harvested	846	516	971	1,324	1,056	1,305	772
50 to 69 acres . . . . . farms	18	25	13	28	25	20	19
acres harvested	873	732	308	1,086	896	736	634
70 to 99 acres . . . . . farms	33	33	51	31	31	44	49
acres harvested	1,916	1,736	2,572	1,875	1,885	2,762	1,856
100 to 139 acres . . . . . farms	49	35	40	21	30	68	56
acres harvested	4,730	2,390	3,149	2,084	2,809	6,142	2,449
140 to 179 acres . . . . . farms	74	43	75	42	46	69	34
acres harvested	9,722	4,703	9,481	5,450	6,078	8,016	2,089
180 to 219 acres . . . . . farms	52	19	44	24	35	47	36
acres harvested	8,725	2,636	6,352	3,984	6,238	7,513	3,068
220 to 259 acres . . . . . farms	58	24	54	14	43	35	41
acres harvested	11,709	3,806	10,586	3,121	8,147	6,904	3,797
260 to 499 acres . . . . . farms	249	97	143	125	198	161	107
acres harvested	81,526	24,595	44,609	39,408	63,057	48,576	16,007
500 to 999 acres . . . . . farms	161	119	138	126	159	124	67
acres harvested	101,283	64,635	82,338	84,920	93,399	79,041	20,474
1,000 to 1,999 acres . . . . . farms	57	71	71	85	57	36	31
acres harvested	65,567	106,706	78,401	110,200	54,703	41,572	17,022
2,000 acres or more . . . . . farms	11	19	15	16	10	10	10
acres harvested	23,618	42,170	35,035	38,000	33,606	22,027	14,175
1997 size of farm:							
1 to 9 acres . . . . . farms	28	13	18	10	9	18	7
acres harvested	91	53	56	36	35	89	28
10 to 49 acres . . . . . farms	69	55	86	119	53	88	52
acres harvested	1,212	929	1,130	1,399	1,126	1,791	890
50 to 69 acres . . . . . farms	15	17	20	12	20	23	11
acres harvested	745	564	542	565	714	786	269
70 to 99 acres . . . . . farms	47	44	48	43	49	61	41
acres harvested	3,406	2,499	2,802	2,457	3,045	3,679	1,361
100 to 139 acres . . . . . farms	64	38	61	26	27	76	42
acres harvested	6,102	2,891	4,506	2,370	2,326	6,302	1,847
140 to 179 acres . . . . . farms	109	53	84	59	65	76	37
acres harvested	14,306	4,775	10,352	7,618	8,676	9,091	2,203
180 to 219 acres . . . . . farms	73	32	55	27	51	52	42
acres harvested	12,790	3,772	8,065	4,570	8,440	7,926	3,292
220 to 259 acres . . . . . farms	71	44	56	39	44	37	35
acres harvested	14,272	6,918	11,033	8,363	8,973	6,624	3,035
260 to 499 acres . . . . . farms	297	142	174	171	245	209	137
acres harvested	93,831	35,199	53,920	56,303	75,365	62,112	17,710
500 to 999 acres . . . . . farms	188	171	183	157	182	134	80
acres harvested	111,360	92,329	106,815	97,652	98,804	77,134	25,171
1,000 to 1,999 acres . . . . . farms	35	81	51	57	53	39	39
acres harvested	39,920	82,376	58,009	69,018	55,464	46,074	20,908
2,000 acres or more . . . . . farms	4	7	7	9	4	3	7
acres harvested	11,743	12,019	15,523	23,897	8,786	7,530	6,216
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>							
2002 acres harvested:							
1 to 9 acres . . . . . farms	49	35	59	66	23	42	25
acres	211	190	319	351	99	183	115
10 to 19 acres . . . . . farms	16	38	37	31	23	40	54
acres	208	512	474	393	277	549	702
20 to 29 acres . . . . . farms	10	6	30	12	19	23	44
acres	219	144	694	292	440	537	1,077
30 to 49 acres . . . . . farms	30	27	16	23	29	26	65
acres	1,129	1,045	616	819	1,149	965	2,508
50 to 99 acres . . . . . farms	60	63	60	53	48	87	93
acres	4,372	4,283	4,172	3,678	3,299	6,295	6,339
100 to 199 acres . . . . . farms	158	87	140	79	114	143	99
acres	23,001	12,518	20,406	11,682	16,619	20,453	13,703
200 to 499 acres . . . . . farms	319	114	192	145	252	202	85
acres	104,542	36,933	61,767	47,198	83,585	63,217	25,185
500 to 999 acres . . . . . farms	141	119	132	122	157	111	28
acres	97,457	83,138	90,926	89,945	104,437	78,852	17,448
1,000 acres or more . . . . . farms	55	75	62	88	37	33	10
acres	79,473	115,932	94,472	137,150	61,995	53,621	15,275
1997 acres harvested:							
1 to 9 acres . . . . . farms	54	31	72	73	24	42	30
acres	234	155	358	369	110	234	177
10 to 19 acres . . . . . farms	28	32	44	40	16	42	49
acres	369	403	555	494	202	577	653
20 to 29 acres . . . . . farms	15	26	26	26	26	30	49
acres	357	642	600	598	610	696	1,100
30 to 49 acres . . . . . farms	26	36	28	17	28	48	56
acres	953	1,410	1,033	616	1,030	1,785	2,059
50 to 99 acres . . . . . farms	85	87	71	57	65	108	101
acres	6,436	6,103	5,047	4,180	4,588	7,786	7,101
100 to 199 acres . . . . . farms	230	122	166	99	149	167	119
acres	34,042	17,329	24,091	14,545	22,530	24,097	16,761
200 to 499 acres . . . . . farms	381	176	251	220	320	254	90
acres	123,307	58,418	82,617	73,508	105,017	84,190	28,870
500 to 999 acres . . . . . farms	148	138	142	142	141	88	31
acres	96,602	93,988	97,094	96,791	91,380	59,748	19,906
1,000 acres or more . . . . . farms	33	49	43	55	33	37	5
acres	47,478	65,876	61,358	83,147	46,287	50,025	6,303

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms . . . . . number, 2002	570	1,011	897	722	703	707	511
1997	597	1,324	1,081	939	804	726	547
acres harvested, 2002	270,329	248,030	313,542	360,907	252,414	128,895	96,216
1997	250,866	275,172	299,978	333,789	274,553	113,877	91,684
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>							
2002 size of farm:							
1 to 9 acres . . . . . farms	6	12	25	15	23	4	7
acres harvested	17	51	102	72	111	13	23
10 to 49 acres . . . . . farms	49	69	100	79	158	65	52
acres harvested	584	1,172	1,695	1,327	2,579	1,134	1,002
50 to 69 acres . . . . . farms	13	32	24	19	31	27	14
acres harvested	419	1,151	881	781	1,029	732	445
70 to 99 acres . . . . . farms	24	57	49	41	47	64	46
acres harvested	1,415	2,740	2,998	2,103	2,335	2,276	1,691
100 to 139 acres . . . . . farms	23	96	56	34	48	89	35
acres harvested	1,958	6,594	5,022	2,906	3,215	4,264	1,732
140 to 179 acres . . . . . farms	50	111	70	53	41	77	52
acres harvested	6,075	9,513	9,071	6,681	4,579	5,216	2,969
180 to 219 acres . . . . . farms	27	82	55	27	31	54	33
acres harvested	4,735	10,724	8,787	3,486	4,471	4,308	2,151
220 to 259 acres . . . . . farms	24	84	61	30	30	48	18
acres harvested	5,181	12,104	11,043	4,232	5,438	4,821	1,665
260 to 499 acres . . . . . farms	127	242	209	153	101	141	115
acres harvested	42,282	56,242	64,357	44,877	31,186	19,414	14,820
500 to 999 acres . . . . . farms	140	174	174	153	106	92	84
acres harvested	87,056	86,110	100,201	90,926	66,014	34,605	21,920
1,000 to 1,999 acres . . . . . farms	73	46	62	91	65	28	36
acres harvested	89,691	48,563	74,203	106,210	75,619	21,065	26,000
2,000 acres or more . . . . . farms	14	6	12	27	18	19	19
acres harvested	30,916	13,066	35,182	97,306	55,838	31,047	21,792
1997 size of farm:							
1 to 9 acres . . . . . farms	14	31	33	16	27	6	3
acres harvested	50	115	(D)	61	90	22	12
10 to 49 acres . . . . . farms	46	100	113	86	140	75	74
acres harvested	763	1,745	1,855	1,320	2,084	1,212	1,177
50 to 69 acres . . . . . farms	5	40	40	14	39	33	11
acres harvested	232	1,291	1,471	508	1,431	765	173
70 to 99 acres . . . . . farms	29	73	68	54	68	61	42
acres harvested	2,002	3,637	4,294	2,767	3,582	1,924	1,249
100 to 139 acres . . . . . farms	28	125	75	59	63	84	36
acres harvested	2,402	9,234	6,406	4,823	4,752	4,174	1,763
140 to 179 acres . . . . . farms	63	128	97	87	51	66	43
acres harvested	8,597	12,525	11,998	9,962	5,011	3,696	2,539
180 to 219 acres . . . . . farms	25	120	88	47	28	50	20
acres harvested	3,883	13,884	13,532	7,096	4,321	3,949	1,784
220 to 259 acres . . . . . farms	32	125	73	54	41	61	28
acres harvested	5,977	18,269	13,985	8,990	8,127	5,811	2,749
260 to 499 acres . . . . . farms	133	345	238	226	117	137	128
acres harvested	43,638	77,901	68,430	63,709	34,027	18,554	15,999
500 to 999 acres . . . . . farms	149	188	203	213	139	106	107
acres harvested	89,730	87,222	113,756	120,615	84,521	35,593	27,444
1,000 to 1,999 acres . . . . . farms	66	46	51	67	75	36	46
acres harvested	76,980	44,849	58,960	70,586	86,261	24,443	24,495
2,000 acres or more . . . . . farms	7	3	2	16	16	11	9
acres harvested	16,612	4,500	(D)	43,352	40,346	13,734	12,300
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>							
2002 acres harvested:							
1 to 9 acres . . . . . farms	37	61	61	48	81	36	22
acres	175	300	280	267	457	202	101
10 to 19 acres . . . . . farms	26	63	41	29	74	63	51
acres	348	870	540	381	1,018	781	692
20 to 29 acres . . . . . farms	7	29	25	22	39	61	59
acres	167	708	541	500	895	1,385	1,350
30 to 49 acres . . . . . farms	13	78	45	37	55	112	67
acres	482	2,887	1,748	1,359	2,066	4,410	2,433
50 to 99 acres . . . . . farms	32	151	88	70	69	140	90
acres	2,270	11,018	6,309	4,917	4,723	9,467	6,424
100 to 199 acres . . . . . farms	85	228	174	101	81	139	90
acres	12,316	32,070	26,017	14,388	11,364	19,155	12,244
200 to 499 acres . . . . . farms	165	273	257	189	134	94	83
acres	55,549	86,669	84,165	63,209	42,994	29,022	24,794
500 to 999 acres . . . . . farms	135	96	144	136	101	40	33
acres	92,789	65,390	94,900	95,943	70,713	26,381	22,768
1,000 acres or more . . . . . farms	70	32	62	90	69	22	16
acres	106,233	48,118	99,042	179,943	118,184	38,092	25,410
1997 acres harvested:							
1 to 9 acres . . . . . farms	38	96	95	61	82	48	42
acres	196	456	467	311	374	259	222
10 to 19 acres . . . . . farms	18	59	48	34	78	71	54
acres	235	831	620	474	1,019	949	669
20 to 29 acres . . . . . farms	5	57	29	26	40	64	36
acres	111	1,381	654	610	952	1,512	843
30 to 49 acres . . . . . farms	17	88	47	43	49	103	81
acres	602	3,318	1,753	1,631	1,830	3,986	3,019
50 to 99 acres . . . . . farms	35	219	133	84	102	154	86
acres	2,427	16,044	9,746	6,152	7,249	10,372	6,181
100 to 199 acres . . . . . farms	111	333	235	187	93	131	104
acres	15,810	47,493	34,955	26,806	13,002	17,604	14,055
200 to 499 acres . . . . . farms	189	342	296	278	157	100	103
acres	63,404	102,634	95,408	89,955	49,374	31,844	31,224
500 to 999 acres . . . . . farms	125	108	155	172	133	42	32
acres	85,652	73,249	100,365	116,332	90,051	29,136	21,254
1,000 acres or more . . . . . farms	59	22	43	54	70	13	9
acres	82,429	29,766	56,010	91,518	110,702	18,215	14,217

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms . . . . . number, 2002	991	511	387	1,117	401	962	639	655
1997	1,119	582	441	1,291	442	1,118	751	775
acres harvested, 2002	271,184	136,795	179,208	201,526	208,352	326,110	251,429	302,363
1997	258,649	144,197	172,476	213,944	195,272	324,935	264,434	308,982
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>								
2002 size of farm:								
1 to 9 acres . . . . . farms	17	14	7	20	8	25	13	13
acres harvested	68	62	25	78	22	113	65	40
10 to 49 acres . . . . . farms	64	76	41	114	23	87	55	52
acres harvested	1,042	1,341	738	1,530	354	1,306	917	817
50 to 69 acres . . . . . farms	19	23	13	33	16	21	23	9
acres harvested	(D)	680	347	1,196	629	735	874	402
70 to 99 acres . . . . . farms	48	50	21	84	14	57	46	37
acres harvested	2,888	2,514	1,431	5,006	599	3,416	2,958	2,489
100 to 139 acres . . . . . farms	76	35	10	125	18	77	36	38
acres harvested	6,879	2,117	694	9,708	1,657	6,481	2,758	3,740
140 to 179 acres . . . . . farms	162	35	28	152	16	80	59	60
acres harvested	21,417	4,117	3,888	17,584	2,250	9,813	7,396	8,081
180 to 219 acres . . . . . farms	78	26	16	118	17	61	36	36
acres harvested	13,023	3,599	2,738	16,769	2,644	9,730	5,906	6,131
220 to 259 acres . . . . . farms	81	40	14	100	16	69	42	40
acres harvested	15,575	6,943	2,914	15,878	3,335	12,671	8,470	8,254
260 to 499 acres . . . . . farms	262	106	86	251	85	228	131	128
acres harvested	79,657	28,570	29,597	66,119	29,436	67,419	41,963	42,385
500 to 999 acres . . . . . farms	131	78	98	100	119	172	126	143
acres harvested	73,972	48,447	64,266	45,813	77,290	99,079	77,992	94,118
1,000 to 1,999 acres . . . . . farms	52	23	43	17	62	69	61	83
acres harvested	55,270	27,564	50,127	17,901	72,717	82,578	73,932	98,190
2,000 acres or more . . . . . farms	1	5	10	3	7	16	16	16
acres harvested	(D)	10,841	22,443	3,944	17,417	32,769	28,198	37,716
1997 size of farm:								
1 to 9 acres . . . . . farms	20	17	10	24	7	33	16	18
acres harvested	(D)	67	(D)	(D)	(D)	140	49	70
10 to 49 acres . . . . . farms	81	94	43	120	33	100	90	59
acres harvested	1,246	1,459	873	1,837	494	1,770	1,533	886
50 to 69 acres . . . . . farms	19	21	9	44	9	26	20	22
acres harvested	706	581	310	1,810	502	1,061	598	954
70 to 99 acres . . . . . farms	52	45	25	91	13	65	52	38
acres harvested	3,356	2,156	1,649	5,213	876	4,199	3,505	2,529
100 to 139 acres . . . . . farms	111	52	13	121	16	83	48	46
acres harvested	10,164	3,456	1,009	10,061	1,499	7,184	4,277	4,593
140 to 179 acres . . . . . farms	170	36	35	191	25	127	74	65
acres harvested	21,304	3,571	4,603	20,790	3,126	15,667	9,397	8,887
180 to 219 acres . . . . . farms	131	41	18	164	41	66	45	45
acres harvested	21,674	5,300	2,823	23,699	2,797	10,208	7,248	7,575
220 to 259 acres . . . . . farms	95	36	23	125	23	84	48	35
acres harvested	18,340	6,082	4,511	21,380	4,683	16,068	9,599	7,393
260 to 499 acres . . . . . farms	300	119	112	301	104	289	144	179
acres harvested	88,251	34,129	35,099	69,807	33,765	84,800	46,265	59,665
500 to 999 acres . . . . . farms	106	86	110	97	151	176	147	184
acres harvested	57,813	48,232	67,581	44,379	94,599	99,458	91,015	118,474
1,000 to 1,999 acres . . . . . farms	33	32	41	11	41	61	59	80
acres harvested	33,706	33,942	49,071	11,650	48,750	69,551	68,523	89,129
2,000 acres or more . . . . . farms	1	3	2	2	2	8	8	4
acres harvested	(D)	5,222	(D)	(D)	(D)	14,829	22,425	8,827
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>								
2002 acres harvested:								
1 to 9 acres . . . . . farms	49	53	27	80	15	75	36	38
acres	252	272	122	392	53	408	177	195
10 to 19 acres . . . . . farms	37	32	10	74	16	31	25	17
acres	540	473	132	975	192	411	341	228
20 to 29 acres . . . . . farms	21	23	12	44	13	35	18	11
acres	513	542	282	1,040	315	810	426	262
30 to 49 acres . . . . . farms	30	42	17	52	8	32	32	14
acres	1,140	1,519	637	1,994	300	1,207	1,222	457
50 to 99 acres . . . . . farms	88	72	27	172	22	100	73	55
acres	6,566	5,045	1,933	12,588	1,450	7,310	5,323	4,100
100 to 199 acres . . . . . farms	297	78	46	356	44	199	102	122
acres	44,138	11,433	7,144	51,605	6,214	29,274	15,197	17,981
200 to 499 acres . . . . . farms	329	118	106	274	118	283	177	174
acres	104,072	35,738	35,919	83,767	41,434	90,698	58,050	56,217
500 to 999 acres . . . . . farms	107	74	96	53	114	138	110	136
acres	73,384	50,510	66,474	34,039	82,772	93,168	73,853	96,356
1,000 acres or more . . . . . farms	33	19	46	12	51	69	66	88
acres	40,579	31,263	66,565	15,126	75,622	102,824	96,840	126,567
1997 acres harvested:								
1 to 9 acres . . . . . farms	62	62	28	87	23	63	54	48
acres	326	299	151	436	(D)	295	229	232
10 to 19 acres . . . . . farms	38	38	11	63	12	51	33	20
acres	487	476	149	876	142	643	476	286
20 to 29 acres . . . . . farms	23	37	14	28	5	25	21	8
acres	524	826	320	648	(D)	580	514	201
30 to 49 acres . . . . . farms	35	52	16	73	13	54	37	23
acres	1,314	2,015	623	2,789	474	2,048	1,442	803
50 to 99 acres . . . . . farms	120	67	37	215	31	131	79	64
acres	9,210	4,924	2,680	15,943	2,346	9,747	5,917	4,672
100 to 199 acres . . . . . farms	378	95	71	485	49	261	144	138
acres	56,176	13,830	10,828	70,335	7,193	38,459	20,561	20,333
200 to 499 acres . . . . . farms	362	146	140	286	141	346	199	229
acres	110,592	48,587	46,687	82,397	47,408	110,852	66,141	74,756
500 to 999 acres . . . . . farms	79	64	88	48	134	134	132	181
acres	54,508	44,475	61,487	31,640	91,928	90,839	90,579	126,530
1,000 acres or more . . . . . farms	22	21	36	6	34	53	52	64
acres	25,512	28,765	49,551	8,880	45,578	71,472	78,575	81,169

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**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms . . . . . number, 2002	432	577	565	604	602	658	639	616
1997	517	707	701	682	734	774	769	782
acres harvested, 2002	256,220	304,668	295,797	220,536	313,870	298,798	286,019	337,240
1997	246,541	307,113	297,094	199,395	327,197	315,757	307,118	318,423
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>								
2002 size of farm:								
1 to 9 acres . . . . . farms	3	8	15	4	10	8	15	14
acres harvested	7	34	49	14	25	22	31	44
10 to 49 acres . . . . . farms	27	46	36	70	66	50	72	61
acres harvested	387	747	510	1,091	967	905	1,324	1,018
50 to 69 acres . . . . . farms	9	18	8	27	9	14	18	18
acres harvested	252	689	295	736	273	612	709	681
70 to 99 acres . . . . . farms	23	29	23	27	34	24	30	24
acres harvested	1,242	1,926	1,603	1,096	2,283	1,649	1,923	985
100 to 139 acres . . . . . farms	20	25	36	43	26	33	44	23
acres harvested	1,245	2,236	3,837	2,477	2,764	3,596	4,477	1,773
140 to 179 acres . . . . . farms	35	35	55	59	44	75	34	45
acres harvested	3,994	4,593	7,965	5,543	5,997	10,697	4,587	4,292
180 to 219 acres . . . . . farms	21	23	15	29	19	26	27	35
acres harvested	2,992	3,704	2,542	2,924	3,416	4,464	4,472	4,912
220 to 259 acres . . . . . farms	27	18	33	30	33	44	28	19
acres harvested	4,256	3,076	7,061	4,044	7,244	9,618	5,844	3,681
260 to 499 acres . . . . . farms	73	103	141	135	123	154	137	122
acres harvested	21,310	40,910	49,776	30,151	40,509	53,876	44,545	34,369
500 to 999 acres . . . . . farms	79	124	126	94	142	146	144	115
acres harvested	44,123	84,443	82,581	48,421	89,604	96,618	91,945	66,660
1,000 to 1,999 acres . . . . . farms	84	103	58	67	73	73	81	105
acres harvested	102,419	120,316	74,350	72,900	96,210	89,572	98,826	119,665
2,000 acres or more . . . . . farms	31	20	19	23	11	11	9	35
acres harvested	73,993	41,994	65,228	51,139	64,578	27,169	27,336	99,160
1997 size of farm:								
1 to 9 acres . . . . . farms	5	19	14	8	20	15	21	12
acres harvested	18	85	46	28	71	49	55	50
10 to 49 acres . . . . . farms	35	46	62	63	65	45	84	89
acres harvested	580	853	912	978	1,152	787	1,776	1,317
50 to 69 acres . . . . . farms	8	16	6	29	9	7	21	15
acres harvested	182	533	192	936	370	270	729	541
70 to 99 acres . . . . . farms	29	44	47	40	52	36	36	32
acres harvested	1,627	2,843	3,055	2,025	3,398	2,350	2,453	1,874
100 to 139 acres . . . . . farms	30	37	36	56	31	34	55	49
acres harvested	1,881	3,319	3,546	3,495	2,955	3,278	5,339	4,047
140 to 179 acres . . . . . farms	42	46	70	53	51	93	46	61
acres harvested	4,067	6,112	10,155	4,862	7,036	13,257	6,064	6,575
180 to 219 acres . . . . . farms	24	32	30	43	39	34	35	32
acres harvested	2,910	5,407	5,668	5,007	6,712	5,333	6,032	4,431
220 to 259 acres . . . . . farms	23	34	36	35	44	59	41	35
acres harvested	4,384	6,625	7,556	4,367	9,690	12,260	7,932	6,207
260 to 499 acres . . . . . farms	94	157	184	153	162	190	169	178
acres harvested	24,938	51,185	62,565	32,574	54,813	63,756	54,030	49,853
500 to 999 acres . . . . . farms	119	197	141	136	175	191	179	169
acres harvested	64,494	124,165	89,759	71,538	110,607	125,240	112,726	97,107
1,000 to 1,999 acres . . . . . farms	85	66	63	55	69	64	74	91
acres harvested	86,055	76,670	75,811	53,438	84,108	77,037	86,084	100,828
2,000 acres or more . . . . . farms	23	13	12	11	17	6	8	19
acres harvested	55,405	29,316	37,829	20,147	46,285	12,140	23,898	45,593
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>								
2002 acres harvested:								
1 to 9 acres . . . . . farms	22	34	38	41	39	28	39	46
acres	112	190	182	229	171	117	165	255
10 to 19 acres . . . . . farms	17	15	8	53	20	10	36	35
acres	230	194	(D)	659	240	127	493	431
20 to 29 acres . . . . . farms	10	11	3	33	14	11	10	17
acres	230	240	(D)	739	324	253	243	424
30 to 49 acres . . . . . farms	17	19	12	36	16	23	23	26
acres	652	711	491	1,340	625	885	862	1,027
50 to 99 acres . . . . . farms	36	48	38	71	48	42	51	47
acres	2,647	3,578	3,007	4,828	3,538	3,114	3,698	3,421
100 to 199 acres . . . . . farms	64	74	91	99	80	117	90	78
acres	9,048	10,689	13,061	13,683	11,568	17,037	12,528	11,517
200 to 499 acres . . . . . farms	100	146	186	138	170	206	174	152
acres	32,180	49,470	62,530	42,188	56,490	67,161	56,925	50,016
500 to 999 acres . . . . . farms	69	126	122	67	128	142	146	112
acres	49,974	94,159	85,124	45,685	87,864	97,973	102,339	81,371
1,000 acres or more . . . . . farms	97	104	67	66	87	79	70	103
acres	161,147	145,437	131,220	111,185	153,050	112,131	108,766	188,778
1997 acres harvested:								
1 to 9 acres . . . . . farms	26	37	44	40	40	39	40	46
acres	130	184	219	214	184	190	139	247
10 to 19 acres . . . . . farms	17	20	25	52	27	12	33	47
acres	220	278	331	679	356	179	419	607
20 to 29 acres . . . . . farms	15	19	8	27	11	7	23	28
acres	338	437	195	617	265	162	580	632
30 to 49 acres . . . . . farms	22	20	16	55	28	22	36	30
acres	785	748	605	2,055	1,029	845	1,339	1,160
50 to 99 acres . . . . . farms	60	57	55	94	63	47	65	75
acres	4,488	4,269	4,169	6,836	4,644	3,541	4,830	5,520
100 to 199 acres . . . . . farms	72	116	122	117	101	154	126	113
acres	10,343	17,257	18,028	16,574	14,859	22,510	18,234	16,190
200 to 499 acres . . . . . farms	125	199	234	161	227	250	217	230
acres	41,456	69,051	77,974	50,691	74,535	81,761	71,799	76,232
500 to 999 acres . . . . . farms	117	174	140	100	156	183	165	140
acres	82,370	121,438	97,915	68,025	105,671	125,973	114,747	99,230
1,000 acres or more . . . . . farms	63	65	57	36	81	60	64	73
acres	106,411	93,451	97,658	53,704	125,654	80,596	95,031	118,605

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**Table 10. Irrigation: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms . . . . . number, 2002	976	1	3	7	1	3	10
1997	1,006	3	1	4	2	-	11
Land in irrigated farms . . . . . acres, 2002	577,230	(D)	(D)	1,068	(D)	6	258
1997	547,510	3,374	(D)	(D)	(D)	-	1,110
Harvested cropland . . . . . farms, 2002	948	1	3	6	1	3	10
1997	986	3	1	3	2	-	9
acres, 2002	509,245	(D)	9	454	(D)	5	176
1997	453,472	2,468	(D)	(D)	(D)	-	(D)
Other cropland, excluding cropland pastured . . . . . farms, 2002	223	1	-	-	-	-	1
1997	329	2	-	2	-	-	4
acres, 2002	14,825	(D)	-	-	-	-	(D)
1997	19,572	(D)	-	(D)	-	-	338
Pastureland, excluding woodland pastured . . . . . farms, 2002	265	1	-	1	-	-	3
1997	275	3	-	1	1	-	2
acres, 2002	20,333	(D)	-	(D)	-	-	4
1997	42,686	518	-	(D)	(D)	-	(D)
Irrigated land . . . . . acres, 2002	142,109	(D)	(D)	9	(D)	3	47
1997	133,149	(D)	(D)	(D)	(D)	-	399
Harvested cropland . . . . . farms, 2002	934	1	3	6	1	3	10
1997	971	3	1	3	2	-	9
acres, 2002	141,438	(D)	(D)	(D)	(D)	3	47
1997	130,557	(D)	(D)	(D)	(D)	-	(D)
Pastureland and other land . . . . . farms, 2002	45	-	-	1	-	-	-
1997	43	-	-	1	-	-	4
acres, 2002	671	-	-	(D)	-	-	-
1997	2,592	-	-	(D)	-	-	(D)
2002 irrigated acres by size of farm:							
1 to 9 acres . . . . . farms	182	-	2	2	1	3	4
acres irrigated	227	-	(D)	(D)	(D)	3	(D)
10 to 49 acres . . . . . farms	162	-	-	2	-	-	4
acres irrigated	848	-	-	(D)	-	-	12
50 to 69 acres . . . . . farms	19	-	1	-	-	-	1
acres irrigated	210	-	(D)	-	-	-	(D)
70 to 99 acres . . . . . farms	35	-	-	2	-	-	1
acres irrigated	439	-	-	(D)	-	-	(D)
100 to 139 acres . . . . . farms	35	-	-	-	-	-	-
acres irrigated	505	-	-	-	-	-	-
140 to 179 acres . . . . . farms	38	-	-	-	-	-	-
acres irrigated	1,486	-	-	-	-	-	-
180 to 219 acres . . . . . farms	22	-	-	-	-	-	-
acres irrigated	1,364	-	-	-	-	-	-
220 to 259 acres . . . . . farms	24	-	-	-	-	-	-
acres irrigated	2,816	-	-	-	-	-	-
260 to 499 acres . . . . . farms	104	1	-	-	-	-	-
acres irrigated	10,524	(D)	-	-	-	-	-
500 to 999 acres . . . . . farms	155	-	-	1	-	-	-
acres irrigated	27,742	-	-	(D)	-	-	-
1,000 to 1,999 acres . . . . . farms	138	-	-	-	-	-	-
acres irrigated	49,727	-	-	-	-	-	-
2,000 acres or more . . . . . farms	62	-	-	-	-	-	-
acres irrigated	46,221	-	-	-	-	-	-
1997 irrigated acres by size of farm:							
1 to 9 acres . . . . . farms	151	-	-	1	1	-	3
acres irrigated	246	-	-	(D)	(D)	-	(D)
10 to 49 acres . . . . . farms	154	-	-	1	-	-	4
acres irrigated	963	-	-	(D)	-	-	14
50 to 69 acres . . . . . farms	30	-	1	-	-	-	-
acres irrigated	453	-	(D)	-	-	-	-
70 to 99 acres . . . . . farms	27	-	-	-	-	-	-
acres irrigated	538	-	-	-	-	-	-
100 to 139 acres . . . . . farms	50	-	-	-	-	-	-
acres irrigated	1,181	-	-	-	-	-	-
140 to 179 acres . . . . . farms	43	-	-	-	-	-	3
acres irrigated	3,000	-	-	-	-	-	370
180 to 219 acres . . . . . farms	40	-	-	1	-	-	-
acres irrigated	2,708	-	-	(D)	-	-	-
220 to 259 acres . . . . . farms	19	-	-	-	-	-	-
acres irrigated	1,865	-	-	-	-	-	-
260 to 499 acres . . . . . farms	117	1	-	-	-	-	-
acres irrigated	14,196	(D)	-	-	-	-	-
500 to 999 acres . . . . . farms	188	1	-	1	1	-	1
acres irrigated	36,587	(D)	-	(D)	(D)	-	(D)
1,000 to 1,999 acres . . . . . farms	140	-	-	-	-	-	-
acres irrigated	46,653	-	-	-	-	-	-
2,000 acres or more . . . . . farms	47	1	-	-	-	-	-
acres irrigated	24,759	(D)	-	-	-	-	-

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun	
Farms . . . . .	number, 2002	16	10	5	1	5	3	1
	1997	24	11	8	6	5	4	3
Land in irrigated farms . . . . .	acres, 2002	1,244	1,196	(D)	(D)	(D)	(D)	(D)
	1997	2,719	560	3,399	(D)	(D)	545	(D)
Harvested cropland . . . . .	farms, 2002	16	10	5	1	5	3	1
	1997	24	11	8	6	5	4	3
	acres, 2002	991	898	(D)	(D)	(D)	(D)	(D)
	1997	1,908	445	2,810	996	(D)	440	(D)
Other cropland, excluding cropland pastured . . . . .	farms, 2002	2	2	1	1	1	1	-
	1997	14	1	1	3	1	-	-
	acres, 2002	(D)	(D)	-	-	(D)	(D)	-
	1997	337	(D)	(D)	(D)	(D)	-	-
Pastureland, excluding woodland pastured . . . . .	farms, 2002	-	2	2	-	-	-	-
	1997	3	5	3	1	2	-	2
	acres, 2002	-	(D)	(D)	-	-	-	-
	1997	104	22	34	(D)	(D)	-	(D)
Irrigated land . . . . .	acres, 2002	157	45	(D)	(D)	(D)	(D)	(D)
	1997	1,001	259	345	(D)	(D)	91	(D)
Harvested cropland . . . . .	farms, 2002	16	10	4	1	5	3	1
	1997	23	9	8	6	5	4	3
	acres, 2002	157	45	(D)	(D)	(D)	(D)	(D)
	1997	(D)	(D)	345	(D)	(D)	91	(D)
Pastureland and other land . . . . .	farms, 2002	1	2	1	-	-	-	-
	1997	1	2	(D)	-	-	-	-
	acres, 2002	(D)	(D)	-	-	-	-	-
	1997	(D)	(D)	-	-	-	-	-
2002 irrigated acres by size of farm:								
1 to 9 acres . . . . .	farms	6	3	2	-	4	-	1
	acres irrigated	12	(D)	(D)	-	11	-	(D)
10 to 49 acres . . . . .	farms	3	5	2	-	-	1	-
	acres irrigated	19	29	(D)	-	-	(D)	-
50 to 69 acres . . . . .	farms	-	1	-	-	-	-	-
	acres irrigated	-	(D)	-	-	-	-	-
70 to 99 acres . . . . .	farms	1	-	-	-	-	-	-
	acres irrigated	(D)	-	-	-	-	-	-
100 to 139 acres . . . . .	farms	1	-	-	-	-	-	-
	acres irrigated	(D)	-	-	-	-	-	-
140 to 179 acres . . . . .	farms	4	-	-	-	-	1	-
	acres irrigated	(D)	-	-	-	-	(D)	-
180 to 219 acres . . . . .	farms	-	-	-	-	-	1	-
	acres irrigated	-	-	-	-	-	(D)	-
220 to 259 acres . . . . .	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
260 to 499 acres . . . . .	farms	1	-	1	-	1	-	-
	acres irrigated	(D)	-	(D)	-	(D)	-	-
500 to 999 acres . . . . .	farms	-	-	-	1	-	-	-
	acres irrigated	-	-	-	(D)	-	-	-
1,000 to 1,999 acres . . . . .	farms	-	1	-	-	-	-	-
	acres irrigated	-	(D)	-	-	-	-	-
2,000 acres or more . . . . .	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
1997 irrigated acres by size of farm:								
1 to 9 acres . . . . .	farms	7	5	-	-	2	-	-
	acres irrigated	12	(D)	-	-	(D)	-	-
10 to 49 acres . . . . .	farms	6	4	3	2	1	-	-
	acres irrigated	26	27	(D)	(D)	(D)	-	-
50 to 69 acres . . . . .	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
70 to 99 acres . . . . .	farms	1	-	-	-	-	-	-
	acres irrigated	(D)	-	-	-	-	-	-
100 to 139 acres . . . . .	farms	2	-	-	1	-	3	-
	acres irrigated	(D)	-	-	(D)	-	(D)	-
140 to 179 acres . . . . .	farms	3	1	-	-	-	-	-
	acres irrigated	(D)	(D)	-	-	-	-	-
180 to 219 acres . . . . .	farms	1	-	1	-	-	1	-
	acres irrigated	(D)	-	(D)	-	-	(D)	-
220 to 259 acres . . . . .	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
260 to 499 acres . . . . .	farms	4	1	2	-	1	-	-
	acres irrigated	666	(D)	(D)	-	(D)	-	-
500 to 999 acres . . . . .	farms	-	-	1	-	-	-	-
	acres irrigated	-	-	(D)	2	-	-	2
1,000 to 1,999 acres . . . . .	farms	-	-	1	-	-	-	-
	acres irrigated	-	-	(D)	-	-	-	-
2,000 acres or more . . . . .	farms	-	-	-	1	1	-	1
	acres irrigated	-	-	-	(D)	(D)	-	(D)

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms . . . . . number, 2002	6	4	5	8	3	3	2
1997	8	3	7	11	-	6	5
Land in irrigated farms . . . . . acres, 2002	326	(D)	100	5,848	806	(D)	(D)
1997	3,415	(D)	1,044	(D)	-	2,622	1,639
Harvested cropland . . . . . farms, 2002	6	4	5	8	3	3	2
1997	8	3	7	11	-	6	5
acres, 2002	164	(D)	46	5,260	641	(D)	(D)
1997	3,047	(D)	(D)	(D)	-	2,179	760
Other cropland, excluding cropland pastured . . . . . farms, 2002	2	-	1	3	-	1	-
1997	3	-	2	2	-	-	2
acres, 2002	(D)	-	(D)	82	-	(D)	-
1997	(D)	-	(D)	(D)	-	-	(D)
Pastureland, excluding woodland pastured . . . . . farms, 2002	2	-	1	4	2	1	2
1997	2	2	2	1	-	3	3
acres, 2002	(D)	-	(D)	391	(D)	(D)	(D)
1997	(D)	(D)	(D)	(D)	-	368	615
Irrigated land . . . . . acres, 2002	7	(D)	9	454	(D)	3	(D)
1997	578	(D)	(D)	201	-	613	383
Harvested cropland . . . . . farms, 2002	6	4	5	8	3	3	2
1997	8	3	7	11	-	6	4
acres, 2002	7	(D)	9	454	(D)	3	(D)
1997	578	(D)	(D)	201	-	613	(D)
Pastureland and other land . . . . . farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	1
acres, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	(D)
2002 irrigated acres by size of farm:							
1 to 9 acres . . . . . farms	4	1	2	1	1	1	-
acres irrigated	(D)	(D)	(D)	(D)	(D)	(D)	-
10 to 49 acres . . . . . farms	-	1	2	2	-	1	-
acres irrigated	-	(D)	(D)	(D)	-	(D)	-
50 to 69 acres . . . . . farms	-	-	1	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-
70 to 99 acres . . . . . farms	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-
100 to 139 acres . . . . . farms	-	-	-	2	-	-	-
acres irrigated	-	-	-	(D)	-	-	-
140 to 179 acres . . . . . farms	2	-	-	-	-	-	-
acres irrigated	(D)	-	-	-	-	-	-
180 to 219 acres . . . . . farms	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	(D)	-
220 to 259 acres . . . . . farms	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-
260 to 499 acres . . . . . farms	-	1	-	-	2	-	2
acres irrigated	-	(D)	-	-	(D)	-	(D)
500 to 999 acres . . . . . farms	-	1	-	-	-	-	-
acres irrigated	-	(D)	-	-	-	-	-
1,000 to 1,999 acres . . . . . farms	-	-	-	1	-	-	-
acres irrigated	-	-	-	(D)	-	-	-
2,000 acres or more . . . . . farms	-	-	-	2	-	-	-
acres irrigated	-	-	-	(D)	-	-	-
1997 irrigated acres by size of farm:							
1 to 9 acres . . . . . farms	2	1	3	4	-	-	-
acres irrigated	(D)	(D)	3	(D)	-	-	-
10 to 49 acres . . . . . farms	-	-	1	5	-	1	-
acres irrigated	-	-	(D)	18	-	(D)	-
50 to 69 acres . . . . . farms	-	1	-	-	-	-	-
acres irrigated	-	(D)	-	-	-	-	-
70 to 99 acres . . . . . farms	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-
100 to 139 acres . . . . . farms	-	-	1	-	-	1	-
acres irrigated	-	-	(D)	-	-	(D)	-
140 to 179 acres . . . . . farms	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-
180 to 219 acres . . . . . farms	1	-	-	-	-	-	2
acres irrigated	(D)	-	-	-	-	-	(D)
220 to 259 acres . . . . . farms	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-
260 to 499 acres . . . . . farms	3	-	1	-	-	1	2
acres irrigated	364	-	(D)	-	-	(D)	(D)
500 to 999 acres . . . . . farms	1	-	1	1	-	3	1
acres irrigated	(D)	-	(D)	(D)	-	490	(D)
1,000 to 1,999 acres . . . . . farms	1	1	-	1	-	-	-
acres irrigated	(D)	(D)	-	(D)	-	-	-
2,000 acres or more . . . . . farms	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms . . . . . number, 2002	5	6	8	2	22	10	4
1997	9	8	9	5	19	5	4
Land in irrigated farms . . . . . acres, 2002	2,275	3,307	544	(D)	14,405	1,455	(D)
1997	2,967	3,352	1,006	3,265	10,546	621	(D)
Harvested cropland . . . . . farms, 2002	5	6	6	2	20	10	4
1997	9	6	9	5	19	5	4
acres, 2002	2,132	2,918	115	(D)	13,475	475	(D)
1997	2,482	1,911	(D)	2,768	9,147	238	(D)
Other cropland, excluding cropland pastured . . . . . farms, 2002	-	1	-	-	8	1	3
1997	7	3	1	2	6	2	-
acres, 2002	-	(D)	-	-	154	(D)	(D)
1997	270	650	(D)	(D)	571	(D)	-
Pastureland, excluding woodland pastured . . . . . farms, 2002	2	-	4	2	6	8	4
1997	2	4	3	5	8	3	2
acres, 2002	(D)	-	83	(D)	384	491	(D)
1997	(D)	560	50	367	287	(D)	(D)
Irrigated land . . . . . acres, 2002	240	484	28	(D)	521	10	(D)
1997	844	466	113	184	1,084	(D)	15
Harvested cropland . . . . . farms, 2002	5	6	5	2	20	10	3
1997	9	6	9	5	19	5	4
acres, 2002	240	484	(D)	(D)	1,084	(D)	3
1997	844	(D)	113	184	1,084	(D)	15
Pastureland and other land . . . . . farms, 2002	-	-	3	-	2	-	1
1997	-	2	-	-	-	-	-
acres, 2002	-	(D)	(D)	-	(D)	-	(D)
1997	-	-	-	-	-	-	-
2002 irrigated acres by size of farm:							
1 to 9 acres . . . . . farms	1	2	3	-	2	1	1
acres irrigated	(D)	(D)	3	-	(D)	(D)	(D)
10 to 49 acres . . . . . farms	-	-	2	-	11	1	2
acres irrigated	-	-	(D)	-	28	(D)	(D)
50 to 69 acres . . . . . farms	-	-	-	-	1	-	-
acres irrigated	-	-	-	-	(D)	-	-
70 to 99 acres . . . . . farms	-	1	-	-	-	3	-
acres irrigated	(D)	(D)	-	-	-	3	-
100 to 139 acres . . . . . farms	-	-	2	-	2	2	-
acres irrigated	-	-	(D)	-	(D)	(D)	-
140 to 179 acres . . . . . farms	1	1	-	-	1	2	-
acres irrigated	(D)	(D)	-	-	(D)	(D)	-
180 to 219 acres . . . . . farms	1	-	1	-	-	-	-
acres irrigated	(D)	-	(D)	-	-	-	-
220 to 259 acres . . . . . farms	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-
260 to 499 acres . . . . . farms	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-
500 to 999 acres . . . . . farms	1	-	-	2	3	1	1
acres irrigated	(D)	-	-	(D)	323	(D)	(D)
1,000 to 1,999 acres . . . . . farms	1	2	-	-	1	-	-
acres irrigated	(D)	(D)	-	-	(D)	-	-
2,000 acres or more . . . . . farms	-	-	-	-	1	-	-
acres irrigated	-	-	-	-	(D)	-	-
1997 irrigated acres by size of farm:							
1 to 9 acres . . . . . farms	2	1	3	-	4	2	-
acres irrigated	(D)	(D)	(D)	-	10	(D)	-
10 to 49 acres . . . . . farms	-	-	4	-	5	-	2
acres irrigated	-	-	18	-	28	-	(D)
50 to 69 acres . . . . . farms	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	(D)	-
70 to 99 acres . . . . . farms	-	1	-	-	-	-	-
acres irrigated	(D)	(D)	-	-	-	-	-
100 to 139 acres . . . . . farms	2	-	-	-	1	1	-
acres irrigated	(D)	-	-	-	(D)	(D)	-
140 to 179 acres . . . . . farms	2	1	-	-	1	-	-
acres irrigated	(D)	(D)	-	-	(D)	-	-
180 to 219 acres . . . . . farms	-	2	-	-	-	-	-
acres irrigated	-	(D)	-	-	-	-	-
220 to 259 acres . . . . . farms	-	-	-	-	-	-	1
acres irrigated	-	-	-	-	-	-	(D)
260 to 499 acres . . . . . farms	-	1	1	-	-	1	-
acres irrigated	-	(D)	(D)	-	-	(D)	-
500 to 999 acres . . . . . farms	3	-	1	5	3	-	-
acres irrigated	571	-	(D)	184	(D)	-	-
1,000 to 1,999 acres . . . . . farms	-	2	-	-	5	-	1
acres irrigated	-	(D)	-	-	870	-	(D)
2,000 acres or more . . . . . farms	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms . . . . . number, 2002	1	21	9	6	4	6	11	7
1997	5	14	3	8	2	13	12	2
Land in irrigated farms . . . . . acres, 2002	(D)	14,321	1,622	133	(D)	(D)	5,424	1,768
1997	(D)	7,857	(D)	(D)	(D)	3,690	10,313	(D)
Harvested cropland . . . . . farms, 2002	1	21	6	6	4	6	11	7
1997	5	14	3	6	2	13	12	2
acres, 2002	(D)	12,849	(D)	53	(D)	(D)	4,706	1,758
1997	(D)	6,980	(D)	(D)	(D)	2,389	9,454	(D)
Other cropland, excluding cropland pastured . . . . . farms, 2002	-	7	1	-	-	1	2	-
1997	-	5	1	2	1	4	4	-
acres, 2002	-	201	(D)	(D)	-	(D)	(D)	-
1997	-	113	(D)	(D)	(D)	59	74	-
Pastureland, excluding woodland pastured . . . . . farms, 2002	-	5	3	-	2	1	1	2
1997	1	6	-	1	1	3	4	-
acres, 2002	(D)	182	54	-	(D)	(D)	(D)	(D)
1997	(D)	318	-	(D)	(D)	(D)	178	-
Irrigated land . . . . . acres, 2002	(D)	3,691	257	18	(D)	(D)	1,223	10
1997	10	1,945	(D)	22	(D)	738	1,924	(D)
Harvested cropland . . . . . farms, 2002	1	21	6	6	4	6	11	7
1997	5	14	3	6	2	13	12	2
acres, 2002	(D)	3,691	(D)	18	(D)	(D)	1,223	10
1997	10	1,945	(D)	(D)	(D)	738	1,924	(D)
Pastureland and other land . . . . . farms, 2002	-	-	3	-	-	-	-	-
1997	-	-	-	2	-	-	-	-
acres, 2002	-	-	(D)	-	-	-	-	-
1997	-	-	-	(D)	-	-	-	-
2002 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	1	4	2	1	2	2	1	3
acres irrigated	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
10 to 49 acres . . . . . farms	-	3	4	5	-	1	1	2
acres irrigated	-	37	(D)	(D)	-	(D)	(D)	(D)
50 to 69 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
70 to 99 acres . . . . . farms	-	-	-	-	-	1	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
100 to 139 acres . . . . . farms	-	-	1	-	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-	-
140 to 179 acres . . . . . farms	-	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	-	(D)	-
180 to 219 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
220 to 259 acres . . . . . farms	-	2	-	-	-	-	-	-
acres irrigated	-	(D)	-	-	-	-	-	-
260 to 499 acres . . . . . farms	-	-	-	-	-	1	2	-
acres irrigated	-	-	-	-	-	(D)	(D)	-
500 to 999 acres . . . . . farms	-	9	2	-	1	-	5	2
acres irrigated	-	2,410	(D)	-	(D)	-	920	(D)
1,000 to 1,999 acres . . . . . farms	-	-	-	-	1	-	1	-
acres irrigated	-	-	-	-	(D)	-	(D)	-
2,000 acres or more . . . . . farms	-	3	-	-	-	1	-	-
acres irrigated	-	1,050	-	-	-	(D)	-	-
1997 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	3	2	-	4	-	3	-	2
acres irrigated	(D)	(D)	-	4	-	3	-	(D)
10 to 49 acres . . . . . farms	1	2	1	3	-	4	-	-
acres irrigated	(D)	(D)	(D)	(D)	-	10	-	-
50 to 69 acres . . . . . farms	-	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	-	(D)	-
70 to 99 acres . . . . . farms	-	-	-	-	-	1	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
100 to 139 acres . . . . . farms	-	1	-	-	-	-	1	-
acres irrigated	-	(D)	-	-	-	-	(D)	-
140 to 179 acres . . . . . farms	-	-	1	-	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-	-
180 to 219 acres . . . . . farms	1	-	-	-	-	1	-	-
acres irrigated	(D)	-	-	-	-	(D)	-	-
220 to 259 acres . . . . . farms	-	1	-	-	-	-	-	-
acres irrigated	-	(D)	-	-	-	-	-	-
260 to 499 acres . . . . . farms	-	-	-	-	1	3	2	-
acres irrigated	-	-	-	-	(D)	465	(D)	-
500 to 999 acres . . . . . farms	-	5	1	-	1	-	5	-
acres irrigated	-	1,256	(D)	-	(D)	-	749	-
1,000 to 1,999 acres . . . . . farms	-	3	-	1	-	-	2	-
acres irrigated	-	570	-	(D)	-	-	(D)	-
2,000 acres or more . . . . . farms	-	-	-	-	-	1	1	-
acres irrigated	-	-	-	-	-	(D)	(D)	-

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms . . . . . number, 2002	8	7	4	4	7	6	7	62
1997	14	7	5	3	7	9	5	65
Land in irrigated farms . . . . . acres, 2002	6,572	4,595	(D)	(D)	3,825	3,749	67	76,543
1997	27,810	4,321	(D)	(D)	(D)	7,028	(D)	66,379
Harvested cropland . . . . . farms, 2002	8	7	2	4	7	6	7	62
1997	13	7	5	2	7	9	5	65
acres, 2002	6,456	4,108	(D)	(D)	3,802	3,364	34	72,607
1997	12,891	3,662	(D)	(D)	(D)	6,617	(D)	62,295
Other cropland, excluding cropland pastured . . . . . farms, 2002	2	2	1	-	-	4	1	11
1997	4	5	1	1	3	3	1	11
acres, 2002	(D)	(D)	(D)	-	-	240	(D)	906
1997	262	99	(D)	(D)	(D)	(D)	(D)	437
Pastureland, excluding woodland pastured . . . . . farms, 2002	2	2	2	1	2	2	1	5
1997	6	6	2	2	2	1	-	7
acres, 2002	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,077
1997	14,115	279	(D)	(D)	(D)	(D)	(D)	836
Irrigated land . . . . . acres, 2002	1,181	(D)	7	(D)	184	649	10	25,567
1997	2,067	1,207	(D)	(D)	(D)	524	(D)	22,444
Harvested cropland . . . . . farms, 2002	8	7	2	4	7	6	7	62
1997	13	7	3	2	5	9	5	65
acres, 2002	1,181	(D)	(D)	(D)	184	649	10	25,567
1997	(D)	1,207	(D)	(D)	(D)	524	(D)	22,444
Pastureland and other land . . . . . farms, 2002	-	-	2	-	-	-	-	-
1997	1	-	2	1	2	-	-	-
acres, 2002	-	-	(D)	-	-	-	-	-
1997	(D)	-	(D)	(D)	(D)	-	-	-
2002 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	-	1	3	1	2	2	5	-
acres irrigated	-	(D)	(D)	(D)	(D)	(D)	(D)	-
10 to 49 acres . . . . . farms	-	1	-	1	3	-	2	2
acres irrigated	-	(D)	-	(D)	(D)	-	(D)	(D)
50 to 69 acres . . . . . farms	-	1	-	-	-	1	-	-
acres irrigated	-	(D)	-	-	-	(D)	-	-
70 to 99 acres . . . . . farms	-	-	-	-	-	-	-	1
acres irrigated	-	-	-	-	-	-	-	(D)
100 to 139 acres . . . . . farms	1	-	1	-	-	-	-	1
acres irrigated	(D)	-	(D)	-	-	-	-	(D)
140 to 179 acres . . . . . farms	-	-	-	1	-	-	-	2
acres irrigated	-	-	-	(D)	-	-	-	(D)
180 to 219 acres . . . . . farms	-	-	-	-	-	-	-	3
acres irrigated	-	-	-	-	-	-	-	(D)
220 to 259 acres . . . . . farms	-	-	-	-	-	-	-	3
acres irrigated	-	-	-	-	-	-	-	571
260 to 499 acres . . . . . farms	2	-	-	-	-	-	-	9
acres irrigated	(D)	-	-	-	-	-	-	940
500 to 999 acres . . . . . farms	3	3	-	-	-	1	-	11
acres irrigated	(D)	(D)	-	-	-	(D)	-	2,864
1,000 to 1,999 acres . . . . . farms	2	-	-	-	2	2	-	17
acres irrigated	(D)	-	-	-	(D)	(D)	-	9,834
2,000 acres or more . . . . . farms	-	1	-	1	-	-	-	13
acres irrigated	-	(D)	-	(D)	-	-	-	10,745
1997 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	-	-	2	1	4	1	3	2
acres irrigated	-	-	(D)	(D)	6	(D)	4	(D)
10 to 49 acres . . . . . farms	1	1	1	-	1	-	-	-
acres irrigated	(D)	(D)	(D)	-	(D)	-	-	-
50 to 69 acres . . . . . farms	-	-	-	-	-	-	-	3
acres irrigated	-	-	-	-	-	-	-	(D)
70 to 99 acres . . . . . farms	-	-	-	1	-	-	-	2
acres irrigated	-	-	-	(D)	-	-	-	(D)
100 to 139 acres . . . . . farms	2	-	-	-	-	-	-	3
acres irrigated	(D)	-	-	-	-	-	-	(D)
140 to 179 acres . . . . . farms	-	2	-	-	-	-	-	3
acres irrigated	-	(D)	-	-	-	-	-	382
180 to 219 acres . . . . . farms	-	-	-	-	-	-	1	1
acres irrigated	-	-	-	-	-	-	(D)	(D)
220 to 259 acres . . . . . farms	-	-	-	-	1	1	-	3
acres irrigated	-	-	-	-	(D)	(D)	-	418
260 to 499 acres . . . . . farms	1	-	-	1	-	-	-	9
acres irrigated	(D)	-	-	(D)	-	-	-	1,667
500 to 999 acres . . . . . farms	2	2	-	-	-	5	-	11
acres irrigated	(D)	(D)	-	-	-	243	-	2,657
1,000 to 1,999 acres . . . . . farms	4	2	2	-	1	1	1	19
acres irrigated	1,080	(D)	(D)	-	(D)	(D)	(D)	10,728
2,000 acres or more . . . . . farms	4	-	-	-	-	1	-	9
acres irrigated	722	-	-	-	-	(D)	-	6,112

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Farms . . . . . number, 2002	6	2	4	-	7	8	14	3
1997	2	2	1	2	4	9	6	5
Land in irrigated farms . . . . . acres, 2002	951	(D)	12	-	(D)	2,570	6,837	(D)
1997	(D)	(D)	(D)	(D)	471	5,584	1,633	(D)
Harvested cropland . . . . . farms, 2002	6	2	4	-	7	7	14	3
1997	2	2	1	2	4	9	6	5
acres, 2002	(D)	(D)	10	-	(D)	1,154	5,630	(D)
1997	(D)	(D)	(D)	(D)	250	1,946	(D)	(D)
Other cropland, excluding cropland pastured . . . . . farms, 2002	2	-	-	-	2	2	3	3
1997	1	1	-	-	1	5	2	4
acres, 2002	(D)	-	-	-	(D)	(D)	125	34
1997	(D)	(D)	-	-	(D)	366	(D)	(D)
Pastureland, excluding woodland pastured . . . . . farms, 2002	2	1	-	-	2	4	3	1
1997	-	-	1	-	3	6	2	1
acres, 2002	(D)	(D)	-	-	(D)	696	12	(D)
1997	-	-	(D)	-	(D)	1,672	(D)	(D)
Irrigated land . . . . . acres, 2002	11	(D)	4	-	(D)	8	952	5
1997	(D)	(D)	(D)	(D)	22	248	(D)	(D)
Harvested cropland . . . . . farms, 2002	6	1	4	-	7	5	14	3
1997	2	2	-	2	3	8	6	5
acres, 2002	11	(D)	4	-	(D)	5	952	5
1997	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)
Pastureland and other land . . . . . farms, 2002	-	1	-	-	-	3	-	-
1997	1	-	1	-	1	1	-	-
acres, 2002	-	(D)	-	-	-	3	-	-
1997	(D)	-	(D)	-	(D)	(D)	-	-
2002 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	1	-	4	-	3	3	5	-
acres irrigated	(D)	-	4	-	3	3	5	-
10 to 49 acres . . . . . farms	3	1	-	-	2	1	3	2
acres irrigated	(D)	(D)	-	-	(D)	(D)	3	(D)
50 to 69 acres . . . . . farms	-	-	-	-	1	-	-	-
acres irrigated	-	-	-	-	(D)	-	-	-
70 to 99 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
100 to 139 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
140 to 179 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
180 to 219 acres . . . . . farms	-	-	-	-	-	-	-	1
acres irrigated	-	-	-	-	-	-	-	(D)
220 to 259 acres . . . . . farms	-	-	-	-	-	1	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
260 to 499 acres . . . . . farms	2	1	-	-	-	-	1	-
acres irrigated	(D)	(D)	-	-	-	-	(D)	-
500 to 999 acres . . . . . farms	-	-	-	-	-	3	2	-
acres irrigated	-	-	-	-	-	(D)	(D)	-
1,000 to 1,999 acres . . . . . farms	-	-	-	-	-	-	3	-
acres irrigated	-	-	-	-	-	-	(D)	-
2,000 acres or more . . . . . farms	-	-	-	-	1	-	-	-
acres irrigated	-	-	-	-	(D)	-	-	-
1997 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	-	-	-	2	-	1	2	1
acres irrigated	-	-	-	(D)	-	(D)	(D)	(D)
10 to 49 acres . . . . . farms	1	2	-	-	-	-	1	2
acres irrigated	(D)	(D)	-	-	-	-	(D)	(D)
50 to 69 acres . . . . . farms	1	-	-	-	1	-	-	-
acres irrigated	(D)	-	-	-	(D)	-	-	-
70 to 99 acres . . . . . farms	-	-	-	-	1	-	-	-
acres irrigated	-	-	-	-	(D)	-	-	-
100 to 139 acres . . . . . farms	-	-	-	-	-	2	1	1
acres irrigated	-	-	-	-	-	(D)	(D)	(D)
140 to 179 acres . . . . . farms	-	-	-	-	1	-	-	-
acres irrigated	-	-	-	-	(D)	-	-	-
180 to 219 acres . . . . . farms	-	-	1	-	1	-	1	-
acres irrigated	-	-	(D)	-	(D)	-	(D)	-
220 to 259 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
260 to 499 acres . . . . . farms	-	-	-	-	-	2	-	1
acres irrigated	-	-	-	-	-	(D)	-	(D)
500 to 999 acres . . . . . farms	-	-	-	-	-	2	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
1,000 to 1,999 acres . . . . . farms	-	-	-	-	-	2	1	-
acres irrigated	-	-	-	-	-	(D)	(D)	-
2,000 acres or more . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms . . . . . number, 2002	12	1	5	4	12	15	36	1
1997	20	3	-	8	13	24	37	1
Land in irrigated farms . . . . . acres, 2002	501	(D)	811	1,800	3,788	1,960	24,328	(D)
1997	5,608	(D)	-	7,869	3,530	2,274	21,627	(D)
Harvested cropland . . . . . farms, 2002	12	1	3	4	12	15	34	1
1997	20	3	-	8	13	24	37	1
acres, 2002	420	(D)	(D)	1,624	2,627	801	20,163	(D)
1997	5,106	(D)	-	5,111	2,847	1,239	18,652	(D)
Other cropland, excluding cropland pastured . . . . . farms, 2002	4	-	1	2	4	3	12	1
1997	8	1	-	4	3	7	18	1
acres, 2002	25	-	(D)	(D)	163	(D)	723	(D)
1997	286	(D)	-	295	34	395	998	(D)
Pastureland, excluding woodland pastured . . . . . farms, 2002	1	-	3	-	4	6	10	-
1997	4	1	-	2	1	6	6	-
acres, 2002	(D)	-	(D)	-	208	68	908	-
1997	56	(D)	-	(D)	(D)	193	209	-
Irrigated land . . . . . acres, 2002	292	(D)	157	373	699	253	5,961	(D)
1997	771	(D)	-	614	942	190	5,383	(D)
Harvested cropland . . . . . farms, 2002	12	1	2	4	12	15	34	1
1997	20	3	-	8	13	24	37	1
acres, 2002	292	(D)	(D)	373	699	253	(D)	(D)
1997	771	(D)	-	614	942	190	5,383	(D)
Pastureland and other land . . . . . farms, 2002	-	-	3	-	-	-	2	-
1997	-	-	-	-	-	-	-	-
acres, 2002	-	-	(D)	-	-	-	(D)	-
1997	-	-	-	-	-	-	-	-
2002 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	4	-	2	-	3	2	-	1
acres irrigated	6	-	(D)	-	4	(D)	-	(D)
10 to 49 acres . . . . . farms	6	1	-	-	3	5	3	-
acres irrigated	(D)	(D)	-	-	11	(D)	25	-
50 to 69 acres . . . . . farms	-	-	-	-	1	2	-	-
acres irrigated	-	-	-	-	(D)	(D)	(D)	-
70 to 99 acres . . . . . farms	1	-	1	-	-	3	-	-
acres irrigated	(D)	-	(D)	-	-	7	-	-
100 to 139 acres . . . . . farms	-	-	-	-	-	1	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
140 to 179 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
180 to 219 acres . . . . . farms	-	-	-	1	-	-	2	-
acres irrigated	-	-	-	(D)	-	-	(D)	-
220 to 259 acres . . . . . farms	-	-	-	1	-	-	2	-
acres irrigated	-	-	-	(D)	-	-	(D)	-
260 to 499 acres . . . . . farms	1	-	2	-	2	1	9	-
acres irrigated	(D)	-	(D)	-	(D)	(D)	867	-
500 to 999 acres . . . . . farms	-	-	-	2	2	-	10	-
acres irrigated	-	-	-	(D)	(D)	-	1,952	-
1,000 to 1,999 acres . . . . . farms	-	-	-	-	1	1	7	-
acres irrigated	-	-	-	-	(D)	(D)	1,702	-
2,000 acres or more . . . . . farms	-	-	-	-	-	-	2	-
acres irrigated	-	-	-	-	-	-	(D)	-
1997 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	2	2	-	-	1	8	2	-
acres irrigated	(D)	(D)	-	-	(D)	11	(D)	-
10 to 49 acres . . . . . farms	8	-	-	1	4	11	2	-
acres irrigated	58	-	-	(D)	14	42	(D)	-
50 to 69 acres . . . . . farms	-	-	-	-	2	1	4	-
acres irrigated	-	-	-	-	(D)	(D)	(D)	-
70 to 99 acres . . . . . farms	2	-	-	-	-	-	1	-
acres irrigated	(D)	-	-	-	-	-	(D)	-
100 to 139 acres . . . . . farms	1	-	-	-	3	2	-	1
acres irrigated	(D)	-	-	-	21	(D)	-	(D)
140 to 179 acres . . . . . farms	-	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	-	(D)	-
180 to 219 acres . . . . . farms	1	-	-	1	-	-	1	-
acres irrigated	(D)	-	-	(D)	-	-	(D)	-
220 to 259 acres . . . . . farms	1	-	-	1	-	-	1	-
acres irrigated	(D)	-	-	(D)	-	-	(D)	-
260 to 499 acres . . . . . farms	3	-	-	-	1	-	4	-
acres irrigated	7	-	-	-	(D)	-	467	-
500 to 999 acres . . . . . farms	-	1	-	3	1	2	15	-
acres irrigated	-	(D)	-	313	(D)	(D)	2,353	-
1,000 to 1,999 acres . . . . . farms	1	-	-	1	1	-	6	-
acres irrigated	(D)	-	-	(D)	(D)	-	2,010	-
2,000 acres or more . . . . . farms	1	-	-	1	-	-	-	-
acres irrigated	(D)	-	-	(D)	-	-	-	-

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Farms . . . . . number, 2002	8	5	5	5	4	8	15	105
1997	7	6	6	7	6	4	7	106
Land in irrigated farms . . . . . acres, 2002	3,506	3,278	546	(D)	(D)	8,247	1,853	139,111
1997	3,435	(D)	(D)	1,552	(D)	8,788	1,766	115,005
Harvested cropland . . . . . farms, 2002	7	5	5	5	4	8	15	104
1997	7	5	4	7	6	4	7	106
acres, 2002	3,105	1,325	212	(D)	(D)	7,606	1,273	133,409
1997	2,454	(D)	(D)	(D)	(D)	6,294	1,332	106,614
Other cropland, excluding cropland pastured . . . . . farms, 2002	2	-	2	1	1	1	-	24
1997	2	3	1	3	2	3	1	32
acres, 2002	(D)	-	(D)	(D)	(D)	(D)	-	1,322
1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,123
Pastureland, excluding woodland pastured . . . . . farms, 2002	4	4	2	-	2	2	3	19
1997	4	1	3	3	1	3	2	26
acres, 2002	231	1,676	(D)	-	(D)	(D)	74	1,709
1997	752	(D)	(D)	(D)	(D)	(D)	(D)	4,486
Irrigated land . . . . . acres, 2002	405	9	(D)	14	(D)	2,337	(D)	54,300
1997	515	46	(D)	55	8	(D)	394	42,693
Harvested cropland . . . . . farms, 2002	7	5	5	7	4	8	15	104
1997	7	5	4	7	6	4	6	106
acres, 2002	(D)	9	(D)	14	(D)	2,337	(D)	(D)
1997	515	(D)	(D)	55	8	(D)	(D)	42,693
Pastureland and other land . . . . . farms, 2002	1	-	2	-	-	-	1	1
1997	-	1	-	-	-	-	-	-
acres, 2002	(D)	-	-	-	-	-	-	(D)
1997	-	(D)	(D)	-	-	-	(D)	-
2002 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	-	1	1	2	1	2	7	1
acres irrigated	-	(D)	(D)	(D)	(D)	(D)	7	(D)
10 to 49 acres . . . . . farms	2	-	2	2	1	-	1	-
acres irrigated	(D)	-	(D)	(D)	(D)	-	(D)	-
50 to 69 acres . . . . . farms	-	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	-	(D)	-
70 to 99 acres . . . . . farms	-	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	-	(D)	-
100 to 139 acres . . . . . farms	2	-	-	-	-	-	1	4
acres irrigated	(D)	-	-	-	-	-	(D)	132
140 to 179 acres . . . . . farms	1	-	1	1	-	-	1	3
acres irrigated	(D)	-	(D)	(D)	-	-	(D)	(D)
180 to 219 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
220 to 259 acres . . . . . farms	-	-	-	-	-	-	2	1
acres irrigated	-	-	-	-	-	-	(D)	(D)
260 to 499 acres . . . . . farms	-	-	1	-	1	1	-	14
acres irrigated	-	-	(D)	-	(D)	(D)	-	2,224
500 to 999 acres . . . . . farms	2	4	-	-	-	2	1	28
acres irrigated	(D)	(D)	-	-	-	(D)	(D)	7,367
1,000 to 1,999 acres . . . . . farms	1	-	-	-	1	1	-	35
acres irrigated	(D)	-	-	-	(D)	(D)	-	20,061
2,000 acres or more . . . . . farms	-	-	-	-	-	2	-	19
acres irrigated	-	-	-	-	-	(D)	-	24,163
1997 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	-	1	1	1	2	-	2	-
acres irrigated	-	(D)	(D)	(D)	(D)	-	(D)	-
10 to 49 acres . . . . . farms	1	2	-	2	2	-	-	-
acres irrigated	(D)	(D)	-	(D)	(D)	-	-	-
50 to 69 acres . . . . . farms	-	2	1	1	-	-	-	-
acres irrigated	-	(D)	(D)	(D)	-	-	-	-
70 to 99 acres . . . . . farms	-	-	1	1	-	-	-	-
acres irrigated	-	-	(D)	(D)	-	-	-	-
100 to 139 acres . . . . . farms	-	-	2	-	-	-	2	1
acres irrigated	-	-	(D)	-	-	-	(D)	(D)
140 to 179 acres . . . . . farms	1	-	-	1	-	-	1	4
acres irrigated	(D)	-	-	(D)	-	-	(D)	308
180 to 219 acres . . . . . farms	-	-	-	-	-	-	-	2
acres irrigated	-	-	-	-	-	-	-	(D)
220 to 259 acres . . . . . farms	-	-	-	-	-	-	-	2
acres irrigated	-	-	-	-	-	-	-	(D)
260 to 499 acres . . . . . farms	2	-	-	-	1	-	-	18
acres irrigated	(D)	-	-	-	(D)	-	-	3,388
500 to 999 acres . . . . . farms	2	-	-	-	1	-	2	38
acres irrigated	(D)	-	-	-	(D)	-	(D)	13,649
1,000 to 1,999 acres . . . . . farms	1	1	1	1	-	2	-	27
acres irrigated	(D)	(D)	(D)	(D)	-	(D)	-	13,484
2,000 acres or more . . . . . farms	-	-	-	-	-	2	-	14
acres irrigated	-	-	-	-	-	(D)	-	11,316

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Farms . . . . . number, 2002	4	3	35	6	11	8	19	15
1997	2	2	42	4	7	8	27	9
Land in irrigated farms . . . . . acres, 2002	1,000	(D)	20,378	2,839	9,560	1,465	22,882	9,612
1997	(D)	(D)	17,160	2,053	5,384	2,709	22,417	6,652
Harvested cropland . . . . . farms, 2002	4	1	35	6	11	8	19	15
1997	1	2	42	4	7	8	27	9
acres, 2002	148	(D)	17,581	2,293	8,577	(D)	21,197	7,940
1997	(D)	(D)	15,657	1,869	4,915	1,929	18,791	5,442
Other cropland, excluding cropland pastured . . . . . farms, 2002	1	3	16	3	4	1	4	3
1997	1	-	21	2	7	3	8	3
acres, 2002	(D)	(D)	353	283	(D)	(D)	(D)	(D)
1997	(D)	-	524	(D)	168	147	1,601	214
Pastureland, excluding woodland pastured . . . . . farms, 2002	1	-	3	3	4	1	4	12
1997	1	1	7	1	4	3	9	4
acres, 2002	(D)	(D)	171	114	39	(D)	173	1,310
1997	(D)	(D)	258	(D)	57	(D)	484	771
Irrigated land . . . . . acres, 2002	28	44	4,933	277	1,396	242	3,434	2,171
1997	(D)	(D)	6,977	(D)	717	187	4,185	2,262
Harvested cropland . . . . . farms, 2002	3	1	35	6	11	8	19	15
1997	1	2	42	4	7	8	27	9
acres, 2002	(D)	(D)	4,933	277	1,396	242	3,434	2,171
1997	(D)	(D)	(D)	(D)	717	187	(D)	(D)
Pastureland and other land . . . . . farms, 2002	1	3	-	-	-	-	-	-
1997	1	-	1	-	-	-	1	1
acres, 2002	(D)	(D)	-	-	-	-	-	-
1997	(D)	-	(D)	-	-	-	(D)	(D)
2002 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	-	-	1	-	-	3	2	1
acres irrigated	-	-	(D)	-	-	3	(D)	(D)
10 to 49 acres . . . . . farms	-	2	3	1	1	2	-	2
acres irrigated	-	(D)	(D)	(D)	(D)	(D)	-	(D)
50 to 69 acres . . . . . farms	-	-	2	-	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-	-
70 to 99 acres . . . . . farms	1	-	1	-	-	1	-	1
acres irrigated	(D)	-	(D)	-	-	(D)	-	(D)
100 to 139 acres . . . . . farms	-	-	3	-	1	-	-	-
acres irrigated	-	-	177	-	(D)	-	-	-
140 to 179 acres . . . . . farms	-	-	2	2	-	-	2	1
acres irrigated	-	-	(D)	(D)	-	-	(D)	(D)
180 to 219 acres . . . . . farms	-	-	3	-	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-	-
220 to 259 acres . . . . . farms	-	1	3	-	-	1	-	3
acres irrigated	-	(D)	474	-	-	(D)	-	419
260 to 499 acres . . . . . farms	3	-	3	-	4	-	2	-
acres irrigated	(D)	-	542	-	760	-	(D)	-
500 to 999 acres . . . . . farms	-	-	5	2	-	-	4	3
acres irrigated	-	-	925	(D)	-	-	902	1,020
1,000 to 1,999 acres . . . . . farms	-	-	7	1	4	1	5	4
acres irrigated	-	-	1,931	(D)	(D)	(D)	992	720
2,000 acres or more . . . . . farms	-	-	2	-	1	-	4	-
acres irrigated	-	-	(D)	-	(D)	-	1,132	-
1997 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	1	-	5	-	-	3	1	-
acres irrigated	(D)	-	9	-	-	11	(D)	-
10 to 49 acres . . . . . farms	-	1	8	1	-	-	-	2
acres irrigated	-	(D)	153	(D)	-	-	-	(D)
50 to 69 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
70 to 99 acres . . . . . farms	-	-	2	-	-	2	-	-
acres irrigated	-	-	(D)	-	-	(D)	-	-
100 to 139 acres . . . . . farms	-	-	2	1	-	-	-	-
acres irrigated	-	-	(D)	(D)	-	-	-	-
140 to 179 acres . . . . . farms	-	-	-	-	1	-	1	-
acres irrigated	-	-	-	-	(D)	-	(D)	-
180 to 219 acres . . . . . farms	1	-	2	-	-	1	1	1
acres irrigated	(D)	-	(D)	-	-	(D)	(D)	(D)
220 to 259 acres . . . . . farms	-	-	1	-	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-	-
260 to 499 acres . . . . . farms	-	-	10	-	2	-	8	1
acres irrigated	-	-	1,797	-	(D)	-	931	(D)
500 to 999 acres . . . . . farms	-	-	7	1	2	1	7	3
acres irrigated	-	-	1,859	(D)	(D)	(D)	965	650
1,000 to 1,999 acres . . . . . farms	-	1	5	1	2	1	7	2
acres irrigated	-	(D)	2,598	(D)	(D)	(D)	1,605	(D)
2,000 acres or more . . . . . farms	-	-	-	-	-	-	2	-
acres irrigated	-	-	-	-	-	-	(D)	-

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms . . . . . number, 2002	2	20	27	4	7	13	14	3
1997	8	20	18	3	2	9	11	6
Land in irrigated farms . . . . . acres, 2002	(D)	1,457	20,475	(D)	645	8,869	1,866	(D)
1997	1,335	338	14,325	237	(D)	8,459	2,391	800
Harvested cropland . . . . . farms, 2002	2	20	27	4	5	13	12	3
1997	8	20	18	3	2	9	11	6
acres, 2002	(D)	1,371	19,014	(D)	192	8,829	1,595	(D)
1997	1,177	122	13,241	(D)	(D)	7,507	1,379	(D)
Other cropland, excluding cropland pastured . . . . . farms, 2002	-	2	5	2	4	-	3	1
1997	3	6	8	2	2	3	2	-
acres, 2002	-	(D)	456	(D)	142	-	13	(D)
1997	81	37	447	(D)	(D)	(D)	(D)	-
Pastureland, excluding woodland pastured . . . . . farms, 2002	1	5	10	1	4	-	5	1
1997	1	6	2	-	2	-	3	4
acres, 2002	(D)	13	399	(D)	105	-	52	(D)
1997	(D)	43	(D)	-	(D)	(D)	82	(D)
Irrigated land . . . . . acres, 2002	(D)	(D)	3,123	4	72	703	1,087	3
1997	111	112	2,114	3	(D)	860	640	21
Harvested cropland . . . . . farms, 2002	2	20	26	4	5	13	12	3
1997	8	20	18	3	2	8	11	6
acres, 2002	(D)	(D)	(D)	4	(D)	703	(D)	3
1997	111	112	2,114	3	(D)	(D)	640	21
Pastureland and other land . . . . . farms, 2002	-	-	1	-	2	-	2	-
1997	-	-	-	-	-	-	-	-
acres, 2002	-	-	(D)	-	(D)	-	(D)	-
1997	-	-	-	-	-	(D)	-	-
2002 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	2	10	4	2	-	8	2	1
acres irrigated	(D)	11	7	(D)	-	13	(D)	(D)
10 to 49 acres . . . . . farms	-	8	4	-	1	-	7	1
acres irrigated	-	47	42	-	(D)	-	83	(D)
50 to 69 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	(D)	-
70 to 99 acres . . . . . farms	-	-	1	1	3	-	-	1
acres irrigated	-	-	(D)	(D)	64	-	-	(D)
100 to 139 acres . . . . . farms	-	-	-	-	3	-	1	-
acres irrigated	-	-	-	-	(D)	-	(D)	-
140 to 179 acres . . . . . farms	-	-	2	1	-	-	-	-
acres irrigated	-	-	(D)	(D)	-	-	-	-
180 to 219 acres . . . . . farms	-	-	-	-	-	2	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
220 to 259 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
260 to 499 acres . . . . . farms	-	-	3	-	-	-	1	-
acres irrigated	-	-	(D)	-	-	-	(D)	-
500 to 999 acres . . . . . farms	-	2	4	-	-	-	2	-
acres irrigated	(D)	(D)	241	-	-	-	(D)	-
1,000 to 1,999 acres . . . . . farms	-	-	7	-	-	1	-	-
acres irrigated	-	-	1,688	-	-	(D)	-	-
2,000 acres or more . . . . . farms	-	-	2	-	-	2	-	-
acres irrigated	-	-	(D)	-	-	(D)	-	-
1997 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	2	5	1	-	-	1	3	-
acres irrigated	(D)	8	(D)	-	-	(D)	3	-
10 to 49 acres . . . . . farms	2	15	3	-	-	1	1	2
acres irrigated	(D)	104	(D)	-	-	(D)	(D)	(D)
50 to 69 acres . . . . . farms	-	-	1	1	-	1	-	-
acres irrigated	-	-	(D)	(D)	-	(D)	-	-
70 to 99 acres . . . . . farms	1	-	-	1	2	-	-	2
acres irrigated	(D)	-	-	(D)	(D)	-	-	(D)
100 to 139 acres . . . . . farms	1	-	-	1	-	-	1	1
acres irrigated	(D)	-	-	(D)	-	-	(D)	(D)
140 to 179 acres . . . . . farms	-	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	-	(D)	-
180 to 219 acres . . . . . farms	-	-	2	-	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-	-
220 to 259 acres . . . . . farms	-	-	-	-	-	-	2	-
acres irrigated	-	-	-	-	-	-	(D)	-
260 to 499 acres . . . . . farms	1	-	2	-	-	2	-	1
acres irrigated	(D)	-	(D)	-	-	(D)	-	(D)
500 to 999 acres . . . . . farms	1	-	2	-	-	1	3	-
acres irrigated	(D)	-	(D)	-	-	(D)	(D)	-
1,000 to 1,999 acres . . . . . farms	-	-	5	-	-	2	-	-
acres irrigated	-	-	745	-	-	(D)	-	-
2,000 acres or more . . . . . farms	-	-	2	-	-	1	-	-
acres irrigated	-	-	(D)	-	-	(D)	-	-

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Farms . . . . . number, 2002	54	20	4	5	2	2	7	11
1997	48	24	6	-	9	3	6	8
Land in irrigated farms . . . . . acres, 2002	44,855	3,900	1,809	2,172	(D)	(D)	578	1,267
1997	26,473	1,996	1,853	-	4,257	350	(D)	574
Harvested cropland . . . . . farms, 2002	54	20	4	3	1	2	7	10
1997	48	24	6	-	9	3	4	8
acres, 2002	38,694	3,346	856	837	(D)	(D)	25	417
1997	22,795	1,077	1,229	-	3,126	88	(D)	324
Other cropland, excluding cropland pastured . . . . . farms, 2002	14	5	-	2	-	-	1	5
1997	9	14	4	-	2	1	4	1
acres, 2002	1,076	32	-	(D)	-	-	(D)	96
1997	474	302	146	-	(D)	(D)	78	(D)
Pastureland, excluding woodland pastured . . . . . farms, 2002	18	5	3	5	2	1	2	8
1997	13	9	2	3	3	3	1	1
acres, 2002	1,929	(D)	645	839	(D)	(D)	(D)	540
1997	2,301	233	-	-	570	118	(D)	(D)
Irrigated land . . . . . acres, 2002	8,414	490	16	17	(D)	(D)	9	26
1997	7,972	333	91	-	242	13	71	255
Harvested cropland . . . . . farms, 2002	54	20	4	2	-	2	7	9
1997	48	24	6	-	9	1	4	8
acres, 2002	(D)	(D)	16	(D)	242	(D)	(D)	(D)
1997	(D)	333	91	-	-	-	(D)	255
Pastureland and other land . . . . . farms, 2002	1	1	-	3	2	2	2	2
1997	1	-	-	-	-	-	-	-
acres, 2002	(D)	(D)	-	(D)	(D)	-	-	(D)
1997	(D)	-	-	-	-	(D)	(D)	-
2002 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	4	3	1	-	-	1	3	1
acres irrigated	4	5	(D)	-	-	(D)	3	(D)
10 to 49 acres . . . . . farms	2	7	-	-	-	-	2	4
acres irrigated	(D)	13	-	-	-	(D)	(D)	19
50 to 69 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
70 to 99 acres . . . . . farms	2	2	-	2	1	-	-	-
acres irrigated	(D)	(D)	-	(D)	(D)	-	-	-
100 to 139 acres . . . . . farms	-	2	-	-	-	-	-	3
acres irrigated	-	(D)	-	-	-	-	-	3
140 to 179 acres . . . . . farms	1	1	-	-	1	-	1	-
acres irrigated	(D)	(D)	-	-	(D)	-	(D)	-
180 to 219 acres . . . . . farms	1	1	-	-	-	-	-	1
acres irrigated	(D)	(D)	-	-	-	-	-	(D)
220 to 259 acres . . . . . farms	2	-	-	-	-	-	-	-
acres irrigated	(D)	-	-	-	-	-	-	-
260 to 499 acres . . . . . farms	14	2	1	2	-	-	1	2
acres irrigated	1,977	(D)	(D)	(D)	-	-	(D)	(D)
500 to 999 acres . . . . . farms	14	1	2	-	-	-	-	-
acres irrigated	2,344	(D)	(D)	-	-	-	-	-
1,000 to 1,999 acres . . . . . farms	12	1	-	1	-	-	-	-
acres irrigated	2,891	(D)	-	(D)	-	-	-	-
2,000 acres or more . . . . . farms	2	-	-	-	-	-	-	-
acres irrigated	(D)	-	-	-	-	-	-	-
1997 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	1	8	1	-	4	-	1	1
acres irrigated	(D)	10	(D)	-	8	-	(D)	(D)
10 to 49 acres . . . . . farms	-	5	-	-	-	-	4	4
acres irrigated	-	13	-	-	-	-	(D)	83
50 to 69 acres . . . . . farms	-	4	-	-	-	-	-	-
acres irrigated	(D)	-	-	-	-	-	-	-
70 to 99 acres . . . . . farms	2	-	-	-	-	2	-	1
acres irrigated	(D)	-	-	-	-	(D)	-	(D)
100 to 139 acres . . . . . farms	2	1	-	-	-	-	-	-
acres irrigated	(D)	(D)	-	-	-	-	-	-
140 to 179 acres . . . . . farms	5	2	1	-	-	-	-	1
acres irrigated	320	(D)	(D)	-	-	-	-	(D)
180 to 219 acres . . . . . farms	3	2	1	-	-	1	-	1
acres irrigated	371	(D)	(D)	-	-	(D)	-	(D)
220 to 259 acres . . . . . farms	1	1	-	-	1	-	-	-
acres irrigated	(D)	(D)	-	-	(D)	-	-	-
260 to 499 acres . . . . . farms	15	1	2	-	-	-	-	-
acres irrigated	1,758	(D)	(D)	-	-	-	-	-
500 to 999 acres . . . . . farms	12	-	1	-	2	-	-	-
acres irrigated	3,038	-	(D)	-	(D)	-	-	-
1,000 to 1,999 acres . . . . . farms	6	-	-	-	2	-	1	-
acres irrigated	1,884	-	-	-	(D)	-	(D)	-
2,000 acres or more . . . . . farms	1	-	-	-	-	-	-	-
acres irrigated	(D)	-	-	-	-	-	-	-

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**Table 10. Irrigation: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms . . . . . number, 2002	9	2	7	3	5	36	9	-
1997	2	4	10	3	14	46	3	1
Land in irrigated farms . . . . . acres, 2002	1,108	(D)	2,069	(D)	1,089	31,280	4,585	-
1997	(D)	(D)	355	(D)	3,468	31,409	3,140	(D)
Harvested cropland . . . . . farms, 2002	8	2	7	3	5	36	9	-
1997	2	3	10	3	10	46	3	1
acres, 2002	915	(D)	(D)	(D)	64	30,181	4,242	-
1997	(D)	(D)	298	(D)	1,914	29,728	2,866	(D)
Other cropland, excluding cropland pastured . . . . . farms, 2002	2	1	4	-	2	3	1	-
1997	-	2	-	-	6	11	-	-
acres, 2002	(D)	(D)	(D)	-	750	38	(D)	-
1997	-	(D)	-	-	751	751	-	-
Pastureland, excluding woodland pastured . . . . . farms, 2002	2	1	1	-	2	7	2	-
1997	-	1	-	-	5	6	-	-
acres, 2002	(D)	(D)	(D)	-	(D)	82	(D)	-
1997	-	(D)	-	-	424	138	-	-
Irrigated land . . . . . acres, 2002	26	(D)	16	(D)	29	8,489	590	-
1997	(D)	(D)	106	(D)	182	8,244	402	(D)
Harvested cropland . . . . . farms, 2002	8	2	7	3	5	34	9	-
1997	2	3	10	3	10	46	3	1
acres, 2002	(D)	(D)	16	(D)	29	(D)	590	-
1997	(D)	(D)	106	(D)	170	8,244	402	(D)
Pastureland and other land . . . . . farms, 2002	1	-	-	-	4	2	-	-
1997	-	1	-	-	-	-	-	-
acres, 2002	(D)	-	-	-	12	(D)	-	-
1997	-	(D)	-	-	-	-	-	-
2002 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	3	-	3	2	1	-	3	-
acres irrigated	3	-	4	(D)	(D)	-	3	-
10 to 49 acres . . . . . farms	-	1	-	1	-	9	-	-
acres irrigated	(D)	(D)	-	(D)	-	9	-	-
50 to 69 acres . . . . . farms	1	-	-	-	2	-	-	-
acres irrigated	(D)	-	-	-	(D)	-	-	-
70 to 99 acres . . . . . farms	1	-	-	-	1	-	-	-
acres irrigated	(D)	-	-	-	(D)	-	-	-
100 to 139 acres . . . . . farms	-	-	1	-	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-	-
140 to 179 acres . . . . . farms	-	-	-	-	-	1	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
180 to 219 acres . . . . . farms	2	-	-	-	-	1	-	-
acres irrigated	(D)	-	-	-	-	(D)	-	-
220 to 259 acres . . . . . farms	-	-	-	-	-	2	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
260 to 499 acres . . . . . farms	-	-	1	-	-	5	1	-
acres irrigated	-	-	(D)	-	-	785	(D)	-
500 to 999 acres . . . . . farms	1	1	2	-	1	3	4	-
acres irrigated	(D)	(D)	(D)	-	(D)	550	(D)	-
1,000 to 1,999 acres . . . . . farms	-	-	-	-	-	12	1	-
acres irrigated	-	-	-	-	-	5,070	(D)	-
2,000 acres or more . . . . . farms	-	-	-	-	-	3	-	-
acres irrigated	-	-	-	-	-	1,749	-	-
1997 irrigated acres by size of farm:								
1 to 9 acres . . . . . farms	-	-	5	2	1	8	-	1
acres irrigated	-	-	9	(D)	(D)	8	-	(D)
10 to 49 acres . . . . . farms	2	2	2	1	1	4	-	-
acres irrigated	(D)	(D)	(D)	(D)	(D)	4	-	-
50 to 69 acres . . . . . farms	-	-	1	-	2	-	-	-
acres irrigated	-	-	(D)	-	(D)	-	-	-
70 to 99 acres . . . . . farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
100 to 139 acres . . . . . farms	-	-	1	-	2	2	-	-
acres irrigated	-	-	(D)	-	(D)	(D)	-	-
140 to 179 acres . . . . . farms	-	-	1	-	2	2	-	-
acres irrigated	-	-	(D)	-	(D)	(D)	-	-
180 to 219 acres . . . . . farms	-	1	-	-	1	1	-	-
acres irrigated	-	(D)	-	-	(D)	(D)	-	-
220 to 259 acres . . . . . farms	-	-	-	-	-	1	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
260 to 499 acres . . . . . farms	-	-	-	-	3	1	-	-
acres irrigated	-	-	-	-	7	(D)	-	-
500 to 999 acres . . . . . farms	-	1	-	-	1	14	2	-
acres irrigated	-	(D)	-	-	(D)	3,454	(D)	-
1,000 to 1,999 acres . . . . . farms	-	-	-	-	1	10	1	-
acres irrigated	-	-	-	-	(D)	3,367	(D)	-
2,000 acres or more . . . . . farms	-	-	-	-	-	3	-	-
acres irrigated	-	-	-	-	-	1,002	-	-











**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>INVENTORY</b>								
Cattle and calves								
farms, 2002	584	193	118	840	133	487	209	170
1997	694	267	149	1,064	151	636	268	226
number, 2002	75,243	10,202	25,108	103,537	20,933	54,698	17,099	16,629
1997	70,147	16,377	27,360	112,834	20,234	59,109	16,798	19,546
Farms by inventory:								
1 to 9								
farms, 2002	50	57	15	51	16	49	47	20
1997	54	49	16	69	20	53	54	34
number, 2002	297	312	72	307	69	260	240	114
1997	299	256	91	376	88	269	277	172
10 to 19								
farms, 2002	52	19	14	77	19	41	25	40
1997	60	55	17	91	13	59	46	28
number, 2002	767	(D)	192	1,042	283	566	348	594
1997	851	746	241	1,260	158	783	677	411
farms, 2002	100	56	32	174	25	102	49	39
1997	123	68	37	221	43	144	69	75
number, 2002	3,355	1,746	1,108	5,794	754	3,356	1,610	1,273
1997	4,092	2,200	1,276	7,304	1,315	4,805	2,144	2,411
20 to 49								
farms, 2002	134	33	15	177	28	115	34	35
1997	185	48	32	276	21	161	51	40
number, 2002	9,737	2,103	1,135	13,162	2,015	8,153	2,488	2,417
1997	13,145	3,152	2,142	19,775	1,497	11,279	3,590	2,851
farms, 2002	145	20	19	217	16	106	29	22
1997	190	28	20	269	32	155	25	32
number, 2002	19,817	2,888	2,615	29,245	2,286	14,430	3,918	2,851
1997	25,692	3,422	2,606	35,560	4,428	21,201	3,471	4,242
200 to 499								
farms, 2002	63	6	9	117	20	61	21	7
1997	74	15	15	121	13	53	22	11
number, 2002	23,167	1,537	2,496	33,331	6,130	17,889	5,961	2,132
1997	19,644	3,801	4,275	35,518	4,576	13,814	(D)	3,204
500 or more								
farms, 2002	20	2	14	27	4	13	4	7
1997	8	4	12	17	9	11	1	6
number, 2002	18,103	(D)	17,490	20,656	9,396	10,044	2,534	7,248
1997	6,424	2,800	16,729	13,041	8,172	6,958	(D)	6,255
Cows and heifers that had calved								
farms, 2002	421	158	89	633	100	354	138	137
1997	537	221	105	825	101	453	183	171
number, 2002	22,441	4,635	3,797	35,336	4,181	19,801	4,415	4,194
1997	26,620	6,315	4,750	44,649	3,767	22,170	5,269	4,651
Beef cows								
farms, 2002	215	146	86	397	98	236	118	129
1997	243	217	101	452	99	280	165	157
number, 2002	7,437	4,141	3,607	14,492	4,176	8,948	3,397	3,932
1997	7,929	5,795	4,134	16,797	(D)	9,441	4,275	4,215
2002 farms by inventory:								
1 to 9								
farms	48	44	21	58	10	46	31	35
number	(D)	245	112	299	45	(D)	156	184
10 to 19								
farms	34	29	14	86	31	44	34	38
number	493	377	184	1,233	428	589	457	501
20 to 49								
farms	86	49	22	159	27	88	32	36
number	2,459	1,470	645	4,921	904	2,699	1,011	1,069
50 to 99								
farms	33	15	20	71	19	44	15	13
number	2,078	966	1,343	4,631	1,302	2,843	1,063	798
100 to 199								
farms	13	9	9	18	11	10	6	3
number	1,660	1,083	1,323	2,378	1,497	1,195	710	300
200 to 499								
farms	-	-	-	5	-	3	-	4
number	-	-	-	1,030	-	875	-	1,080
500 or more								
farms	1	-	-	-	-	1	-	-
number	(D)	-	-	-	-	(D)	-	-
Milk cows								
farms, 2002	227	16	8	278	4	147	23	8
1997	313	11	7	413	3	205	28	19
number, 2002	15,004	494	190	20,844	5	10,853	1,018	262
1997	18,691	520	616	27,852	(D)	12,729	994	436
2002 farms by inventory:								
1 to 9								
farms	6	4	4	10	4	5	2	2
number	10	18	(D)	45	5	26	(D)	(D)
10 to 19								
farms	18	4	-	13	-	5	1	-
number	266	44	-	153	-	65	(D)	-
20 to 49								
farms	64	4	3	53	-	56	10	5
number	2,324	110	70	2,055	-	(D)	(D)	(D)
50 to 99								
farms	100	4	-	143	-	54	10	1
number	6,690	322	-	9,854	-	3,627	590	(D)
100 to 199								
farms	33	-	1	51	-	15	-	-
number	4,036	-	(D)	6,773	-	1,838	-	-
200 to 499								
farms	6	-	-	8	-	11	-	-
number	1,678	-	-	1,964	-	2,899	-	-
500 or more								
farms	-	-	-	-	-	1	-	-
number	-	-	-	-	-	(D)	-	-
Other cattle (see text)								
farms, 2002	541	174	104	770	129	454	188	154
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	52,802	5,567	21,311	68,201	16,752	34,897	12,684	12,435
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9								
farms	78	78	21	92	41	68	61	47
number	386	284	93	449	145	286	280	232
10 to 19								
farms	66	31	22	95	15	55	23	26
number	912	414	330	1,241	180	730	300	389
20 to 49								
farms	118	39	21	214	23	140	42	32
number	3,878	1,103	617	7,123	756	4,450	1,387	949
50 to 99								
farms	138	19	9	186	16	81	25	27
number	9,316	1,464	641	12,790	1,199	5,615	1,596	1,862
100 to 199								
farms	80	3	13	97	12	68	17	11
number	10,978	(D)	1,983	12,579	1,556	8,728	2,310	1,213
200 to 499								
farms	44	2	6	67	13	35	17	6
number	12,096	(D)	2,025	19,059	3,692	10,417	4,901	2,404
500 or more								
farms	17	2	12	19	9	7	3	5
number	15,236	(D)	15,622	14,960	9,224	4,671	1,910	5,386

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>INVENTORY</b>								
Cattle and calves								
farms, 2002	171	197	184	390	95	147	213	284
1997	231	257	229	473	125	200	262	376
number, 2002	18,835	18,742	16,461	36,137	5,593	9,669	19,839	33,874
1997	23,912	21,450	20,361	37,950	5,211	11,784	20,275	34,223
Farms by inventory:								
1 to 9								
farms, 2002	13	31	40	27	25	42	35	33
1997	11	48	42	36	31	54	42	35
number, 2002	63	190	223	166	133	(D)	142	149
1997	37	250	235	187	133	297	227	154
10 to 19								
farms, 2002	19	31	34	53	19	20	38	28
1997	25	34	27	50	25	28	46	42
number, 2002	266	452	454	776	272	272	536	390
1997	344	459	390	715	334	399	679	612
20 to 49								
farms, 2002	60	55	41	135	26	39	60	65
1997	79	84	71	145	37	52	66	104
number, 2002	1,996	1,740	1,284	4,593	858	1,251	1,931	2,012
1997	2,641	2,752	2,339	4,926	1,162	1,702	2,153	3,541
50 to 99								
farms, 2002	34	42	23	105	10	21	33	74
1997	72	45	38	151	19	30	56	102
number, 2002	2,457	2,730	1,444	7,182	664	1,418	2,218	5,373
1997	5,019	3,233	2,386	10,064	1,318	2,069	3,876	7,316
100 to 199								
farms, 2002	30	21	29	35	11	17	26	35
1997	32	26	27	58	10	25	29	52
number, 2002	3,840	2,730	3,908	4,689	1,349	2,477	3,644	4,622
1997	4,470	3,276	3,468	7,723	1,253	3,206	3,988	6,655
200 to 499								
farms, 2002	12	8	13	26	-	6	10	37
1997	8	14	19	29	2	7	17	32
number, 2002	3,823	2,448	4,194	6,867	-	1,654	2,807	11,455
1997	2,641	3,904	5,698	7,315	(D)	1,849	5,224	8,479
500 or more								
farms, 2002	3	9	4	9	4	2	11	12
1997	4	6	5	5	1	4	6	9
number, 2002	6,390	8,452	4,954	11,864	2,317	(D)	8,561	9,873
1997	8,760	7,576	5,845	7,020	(D)	2,262	4,128	7,466
Cows and heifers that had calved								
farms, 2002	149	171	120	371	65	102	163	241
1997	205	205	156	424	90	122	209	303
number, 2002	6,238	5,069	4,187	16,851	1,932	2,627	6,023	12,024
1997	7,912	5,882	5,163	17,709	2,013	3,162	6,841	12,214
Beef cows								
farms, 2002	148	171	112	368	61	99	162	240
1997	204	203	144	419	87	116	206	299
number, 2002	6,070	(D)	3,557	15,434	(D)	2,331	(D)	12,001
1997	(D)	5,874	4,418	17,091	1,673	2,807	6,679	12,130
2002 farms by inventory:								
1 to 9								
farms	15	40	31	45	20	35	44	30
number	(D)	(D)	169	237	113	(D)	221	133
10 to 19								
farms	29	42	30	64	11	24	32	33
number	393	602	397	878	138	313	461	471
20 to 49								
farms	66	60	26	170	22	29	47	101
number	2,055	1,826	815	5,516	660	868	1,405	3,232
50 to 99								
farms	32	20	17	53	6	9	30	47
number	2,197	1,322	1,073	3,399	426	627	1,967	3,240
100 to 199								
farms	5	8	8	28	2	1	6	23
number	846	884	1,103	3,429	(D)	(D)	733	3,135
200 to 499								
farms	-	1	-	8	-	1	2	6
number	(D)	(D)	-	1,975	(D)	(D)	(D)	1,790
500 or more								
farms	1	-	-	-	-	-	1	-
number	(D)	-	-	-	-	-	(D)	-
Milk cows								
farms, 2002	4	2	8	6	6	5	4	5
1997	2	6	13	10	4	8	7	7
number, 2002	168	(D)	630	1,417	(D)	296	(D)	23
1997	(D)	8	745	618	340	355	162	84
2002 farms by inventory:								
1 to 9								
farms	1	2	-	2	4	1	2	4
number	(D)	(D)	-	(D)	17	(D)	(D)	(D)
10 to 19								
farms	-	-	1	-	-	1	-	1
number	-	-	(D)	-	-	(D)	-	(D)
20 to 49								
farms	2	-	2	1	-	-	2	-
number	(D)	-	(D)	(D)	-	-	(D)	-
50 to 99								
farms	-	-	3	1	-	2	-	-
number	-	-	243	(D)	-	(D)	-	-
100 to 199								
farms	1	-	1	-	1	1	-	-
number	(D)	-	(D)	-	(D)	(D)	-	-
200 to 499								
farms	-	-	1	1	1	-	-	-
number	-	-	(D)	(D)	(D)	-	-	-
500 or more								
farms	-	-	-	1	-	-	-	-
number	-	-	-	(D)	-	-	-	-
Other cattle (see text)								
farms, 2002	146	171	161	343	83	127	191	253
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	12,597	13,673	12,274	19,286	3,661	7,042	13,816	21,850
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9								
farms	36	55	53	126	37	43	64	61
number	154	208	223	476	(D)	(D)	285	228
10 to 19								
farms	25	43	33	62	21	27	40	26
number	338	592	433	835	287	346	545	343
20 to 49								
farms	37	33	29	90	10	32	36	79
number	1,166	1,024	900	2,809	300	984	1,041	2,596
50 to 99								
farms	29	20	17	35	9	8	24	31
number	1,931	1,356	1,147	2,449	555	548	1,616	2,053
100 to 199								
farms	10	6	17	14	2	11	10	31
number	1,315	860	2,259	1,750	(D)	1,656	1,595	4,516
200 to 499								
farms	7	6	8	11	1	4	9	17
number	(D)	2,082	2,549	3,281	(D)	1,153	2,643	5,366
500 or more								
farms	2	8	4	5	3	2	8	8
number	(D)	7,551	4,763	7,686	1,770	(D)	6,091	6,748

--continued

**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>INVENTORY</b>								
Cattle and calves								
farms, 2002	286	318	93	230	388	752	443	286
1997	321	390	127	302	454	907	531	369
number, 2002	19,480	31,766	11,677	33,295	44,095	92,027	39,276	20,616
1997	18,179	30,882	12,754	34,103	44,875	91,157	46,318	20,699
Farms by inventory:								
1 to 9								
farms, 2002	35	37	13	12	46	66	54	30
1997	43	50	24	23	52	78	52	43
number, 2002	(D)	187	86	68	210	353	276	173
1997	217	295	114	138	312	414	253	184
10 to 19								
farms, 2002	53	44	16	19	39	84	51	45
1997	45	45	20	45	45	82	51	56
number, 2002	763	604	211	252	565	1,177	767	625
1997	622	613	267	626	653	1,165	716	761
20 to 49								
farms, 2002	68	77	25	66	97	177	114	94
1997	106	99	35	68	133	249	152	136
number, 2002	2,176	2,493	853	2,131	3,139	5,905	3,650	3,143
1997	3,364	3,249	1,054	2,200	4,365	8,291	5,172	4,360
50 to 99								
farms, 2002	73	63	13	45	89	150	110	69
1997	80	97	17	78	104	208	128	80
number, 2002	5,095	4,617	788	3,145	6,212	10,583	7,743	4,955
1997	5,484	6,961	1,212	5,595	7,281	14,540	8,908	5,406
100 to 199								
farms, 2002	39	53	11	39	69	143	68	26
1997	35	72	11	52	69	175	103	35
number, 2002	5,282	7,125	1,561	5,277	9,663	19,433	9,125	3,409
1997	4,363	9,875	1,563	6,796	9,197	24,187	14,009	4,693
200 to 499								
farms, 2002	17	37	8	33	36	106	40	19
1997	11	20	17	33	39	95	40	18
number, 2002	4,702	10,640	2,813	9,048	10,703	31,894	10,225	4,941
1997	(D)	5,272	5,504	6,317	10,580	27,576	9,463	(D)
500 or more								
farms, 2002	1	7	3	16	12	26	6	3
1997	1	7	3	13	12	20	8	1
number, 2002	(D)	6,100	5,365	13,376	13,603	22,682	7,490	3,370
1997	(D)	4,617	3,040	12,431	12,487	14,984	7,797	(D)
Cows and heifers that had calved								
farms, 2002	231	203	64	175	312	624	364	259
1997	270	275	71	244	392	766	451	325
number, 2002	9,090	9,048	2,161	9,626	16,893	32,471	14,754	8,696
1997	8,805	9,773	1,912	9,608	17,737	33,812	17,650	9,217
Beef cows								
farms, 2002	226	152	62	170	302	567	355	254
1997	264	180	64	242	376	671	434	315
number, 2002	(D)	5,807	(D)	(D)	16,110	26,674	14,068	(D)
1997	8,441	5,237	1,613	(D)	16,723	26,117	16,728	8,673
2002 farms by inventory:								
1 to 9								
farms	44	34	14	16	42	71	55	47
number	(D)	(D)	(D)	(D)	(D)	370	288	259
10 to 19								
farms	57	25	18	42	50	118	69	64
number	795	320	250	582	725	1,657	981	909
20 to 49								
farms	72	58	20	65	116	188	131	91
number	2,220	1,710	571	2,007	3,605	5,947	4,061	2,878
50 to 99								
farms	42	25	6	27	59	121	74	35
number	2,842	1,719	452	1,647	3,930	7,796	4,982	2,321
100 to 199								
farms	9	6	4	16	29	54	21	16
number	1,143	630	662	1,966	3,769	7,103	2,419	1,905
200 to 499								
farms	2	3	-	4	4	15	5	1
number	(D)	724	-	1,185	1,120	3,801	1,337	(D)
500 or more								
farms	-	1	-	-	2	-	-	-
number	-	(D)	-	-	(D)	-	-	-
Milk cows								
farms, 2002	8	64	2	9	17	91	13	9
1997	8	105	7	5	27	144	21	18
number, 2002	(D)	3,241	(D)	(D)	783	5,797	686	(D)
1997	364	4,536	299	(D)	1,014	7,695	922	544
2002 farms by inventory:								
1 to 9								
farms	4	7	-	4	3	8	3	7
number	8	(D)	-	8	10	33	5	11
10 to 19								
farms	-	12	-	-	-	7	1	-
number	-	186	-	-	-	99	(D)	-
20 to 49								
farms	2	26	-	2	7	30	3	-
number	(D)	989	-	(D)	(D)	1,025	80	-
50 to 99								
farms	-	14	2	1	6	30	4	1
number	-	910	(D)	(D)	445	1,980	227	(D)
100 to 199								
farms	1	2	-	1	1	13	1	1
number	(D)	(D)	-	(D)	(D)	1,767	(D)	(D)
200 to 499								
farms	-	3	-	-	-	3	1	-
number	-	880	-	-	-	893	(D)	-
500 or more								
farms	1	-	-	1	-	-	-	-
number	(D)	-	-	(D)	-	-	-	-
Other cattle (see text)								
farms, 2002	262	289	77	208	340	690	395	263
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	10,390	22,718	9,516	23,669	27,202	59,556	24,522	11,920
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9								
farms	71	51	16	37	74	137	112	81
number	286	235	81	153	302	569	472	(D)
10 to 19								
farms	54	49	12	25	48	94	60	52
number	741	682	148	360	635	1,362	853	712
20 to 49								
farms	72	75	21	60	87	174	103	77
number	2,214	2,377	615	1,735	2,616	5,541	3,226	2,422
50 to 99								
farms	40	53	9	19	68	120	58	25
number	2,658	3,693	660	1,437	4,802	7,995	4,212	1,693
100 to 199								
farms	16	32	5	29	35	95	46	21
number	2,197	4,305	786	3,824	4,775	13,082	6,522	2,667
200 to 499								
farms	9	24	9	24	19	56	10	5
number	2,294	7,131	3,185	6,041	5,594	16,844	2,296	1,452
500 or more								
farms	-	5	5	14	9	14	6	2
number	-	4,295	4,041	10,119	8,478	14,163	6,941	(D)

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>INVENTORY</b>								
Cattle and calves								
farms, 2002	457	455	368	271	359	504	149	374
1997	593	549	421	313	409	642	183	464
number, 2002	34,437	57,416	29,863	31,462	22,302	33,007	9,824	37,489
1997	38,579	62,399	28,749	30,385	27,534	37,589	11,347	41,387
Farms by inventory:								
1 to 9								
farms, 2002	53	33	34	46	61	96	25	32
1997	78	53	46	44	51	130	32	41
number, 2002	286	169	168	265	314	531	(D)	174
1997	382	255	246	247	292	675	130	213
10 to 19								
farms, 2002	37	43	51	32	56	90	22	47
1997	51	41	49	49	65	123	24	44
number, 2002	553	570	744	449	807	1,253	296	683
1997	738	590	759	684	888	1,737	328	584
20 to 49								
farms, 2002	133	101	116	76	108	150	46	101
1997	208	155	133	87	106	184	54	135
number, 2002	4,553	3,254	3,735	2,637	3,296	4,956	1,422	3,353
1997	6,937	5,130	4,283	2,844	3,317	5,817	1,717	4,573
50 to 99								
farms, 2002	126	109	84	39	70	102	24	88
1997	151	125	102	58	120	120	37	108
number, 2002	8,730	7,802	5,965	2,859	4,834	7,286	1,757	5,928
1997	10,469	9,021	7,397	4,104	6,165	8,396	2,585	7,235
100 to 199								
farms, 2002	82	96	49	40	41	48	20	66
1997	71	105	67	39	67	63	27	87
number, 2002	11,336	13,183	7,015	5,353	5,892	6,403	2,857	9,195
1997	9,206	14,375	8,939	5,121	9,185	8,287	2,969	11,943
200 to 499								
farms, 2002	20	53	22	22	20	15	11	33
1997	31	45	28	27	29	19	14	42
number, 2002	5,082	15,523	8,146	6,570	5,362	4,724	2,459	9,527
1997	8,727	13,660	(D)	8,249	7,687	5,177	3,618	11,896
500 or more								
farms, 2002	6	20	6	14	3	3	1	7
1997	3	25	2	9	-	3	-	7
number, 2002	3,917	16,915	4,090	13,329	1,797	7,854	(D)	8,629
1997	2,120	19,368	(D)	9,136	-	7,500	(D)	4,943
Cows and heifers that had calved								
farms, 2002	390	337	313	155	289	415	127	348
1997	512	414	368	186	338	515	148	439
number, 2002	13,724	16,118	13,545	6,433	9,889	11,464	3,385	19,397
1997	15,565	19,091	13,633	5,960	12,003	12,814	4,844	21,789
Beef cows								
farms, 2002	309	299	312	145	280	394	125	344
1997	421	368	365	170	322	466	146	432
number, 2002	10,966	13,394	13,231	5,801	8,989	9,800	(D)	19,312
1997	12,533	15,710	13,430	4,931	10,476	10,734	4,651	21,525
2002 farms by inventory:								
1 to 9								
farms	46	37	44	34	62	117	31	42
number	223	(D)	223	169	316	(D)	(D)	268
10 to 19								
farms	56	55	73	25	56	93	33	50
number	785	765	1,035	352	749	1,346	464	731
20 to 49								
farms	127	115	113	51	100	138	43	119
number	4,048	3,647	3,697	1,650	2,980	4,056	1,375	3,606
50 to 99								
farms	68	62	53	23	47	39	14	92
number	4,527	4,043	3,642	1,481	3,131	2,603	876	6,231
100 to 199								
farms	12	24	23	9	15	6	4	28
number	1,383	3,002	2,925	1,255	1,813	850	415	3,534
200 to 499								
farms	-	5	6	3	-	1	-	10
number	-	1,228	1,709	894	-	(D)	-	2,958
500 or more								
farms	-	1	-	-	-	-	-	3
number	-	(D)	-	-	-	-	-	1,984
Milk cows								
farms, 2002	87	44	4	13	14	28	4	15
1997	98	64	7	22	24	56	7	15
number, 2002	2,758	2,724	314	632	900	1,664	(D)	85
1997	3,032	3,381	203	1,029	1,527	2,080	193	264
2002 farms by inventory:								
1 to 9								
farms	6	2	1	1	4	7	2	12
number	8	(D)	(D)	(D)	11	42	(D)	31
10 to 19								
farms	18	6	-	2	3	-	-	2
number	274	(D)	-	(D)	47	-	-	(D)
20 to 49								
farms	51	13	2	5	2	10	1	1
number	1,559	482	(D)	149	(D)	387	(D)	(D)
50 to 99								
farms	9	15	-	3	2	8	1	-
number	532	918	-	172	(D)	495	(D)	-
100 to 199								
farms	3	7	-	2	1	2	-	-
number	385	873	-	(D)	(D)	(D)	-	-
200 to 499								
farms	-	1	1	-	2	1	-	-
number	-	(D)	(D)	-	(D)	(D)	-	-
500 or more								
farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Other cattle (see text)								
farms, 2002	428	424	335	254	320	452	133	326
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	20,713	41,298	16,318	25,029	12,413	21,543	6,439	18,092
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9								
farms	91	65	100	58	117	158	49	100
number	382	254	408	286	(D)	724	(D)	475
10 to 19								
farms	68	62	68	35	54	100	21	51
number	945	864	960	481	699	1,394	288	723
20 to 49								
farms	147	114	72	72	85	105	26	74
number	4,576	3,585	2,236	2,216	2,588	3,284	816	2,210
50 to 99								
farms	78	75	51	34	30	59	18	63
number	5,383	5,078	3,457	2,288	2,024	3,873	1,281	4,466
100 to 199								
farms	30	58	25	28	22	20	11	26
number	3,868	7,936	3,096	3,680	2,871	2,621	1,392	3,381
200 to 499								
farms	8	33	15	16	10	7	7	8
number	1,922	9,806	3,936	4,796	2,536	2,103	1,573	2,432
500 or more								
farms	6	17	4	11	2	3	1	4
number	3,637	13,775	2,225	11,282	(D)	7,544	(D)	4,405

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>INVENTORY</b>								
Cattle and calves								
farms, 2002	480	478	358	374	212	135	274	205
1997	523	599	438	479	332	191	333	277
number, 2002	88,926	40,455	39,209	26,605	19,576	10,217	44,408	29,606
1997	80,517	45,980	41,970	31,131	26,362	14,867	45,239	37,844
Farms by inventory:								
1 to 9								
farms, 2002	24	47	29	52	23	12	26	13
1997	42	60	45	72	35	16	41	16
number, 2002	143	242	131	(D)	118	70	145	64
1997	204	319	233	394	192	78	219	85
10 to 19								
farms, 2002	35	59	38	43	43	10	25	17
1997	36	78	45	71	41	21	22	18
number, 2002	502	869	517	605	634	161	312	232
1997	502	1,063	651	1,036	561	294	324	242
20 to 49								
farms, 2002	99	142	107	105	44	43	53	40
1997	104	194	132	143	99	59	92	60
number, 2002	3,026	4,457	3,459	3,256	1,567	1,423	1,627	1,336
1997	3,446	6,328	4,268	4,730	3,115	1,955	3,062	2,016
50 to 99								
farms, 2002	112	113	80	89	51	45	54	53
1997	136	134	105	105	87	56	56	73
number, 2002	7,996	7,880	5,490	5,923	3,435	3,158	3,662	3,668
1997	9,379	9,444	7,384	6,319	6,225	3,968	3,866	4,929
100 to 199								
farms, 2002	89	77	59	56	30	16	57	48
1997	99	86	62	63	47	22	51	65
number, 2002	12,301	10,763	8,390	8,025	4,184	2,033	7,994	6,459
1997	14,012	11,421	8,583	8,882	6,328	2,981	7,169	9,068
200 to 499								
farms, 2002	83	30	34	27	16	6	36	27
1997	76	37	38	28	19	15	49	36
number, 2002	25,335	8,343	9,667	7,042	4,152	1,455	11,535	7,797
1997	22,201	10,422	10,611	7,256	5,365	(D)	14,034	11,504
500 or more								
farms, 2002	38	10	11	2	5	3	23	7
1997	30	10	11	4	4	2	22	9
number, 2002	39,623	7,901	11,555	(D)	5,486	1,917	19,133	10,050
1997	30,773	6,983	10,240	2,514	4,576	(D)	16,535	10,000
Cows and heifers that had calved								
farms, 2002	286	443	267	324	170	114	154	165
1997	317	542	329	414	272	158	186	215
number, 2002	15,749	20,939	10,310	12,619	7,334	4,280	5,793	8,421
1997	14,203	22,371	11,481	13,964	9,354	6,066	6,058	9,985
Beef cows								
farms, 2002	254	442	258	315	168	114	94	162
1997	271	540	313	400	266	157	113	212
number, 2002	10,365	20,926	9,695	11,975	(D)	4,280	3,402	8,212
1997	9,879	22,359	10,465	13,222	8,499	5,981	3,084	9,768
2002 farms by inventory:								
1 to 9								
farms	29	68	40	58	34	16	25	20
number	(D)	(D)	225	290	(D)	140	(D)	(D)
10 to 19								
farms	56	63	53	58	30	25	23	23
number	813	884	766	827	395	358	287	317
20 to 49								
farms	105	176	117	116	69	47	24	58
number	3,203	5,370	3,643	3,475	2,320	1,473	679	1,843
50 to 99								
farms	43	90	33	56	24	18	18	40
number	2,822	6,089	2,196	3,797	1,726	1,200	1,219	2,786
100 to 199								
farms	17	34	12	24	11	7	2	19
number	2,184	4,473	1,580	2,866	1,398	768	(D)	2,543
200 to 499								
farms	4	10	2	3	-	1	1	2
number	1,200	2,832	(D)	720	(D)	(D)	(D)	(D)
500 or more								
farms	-	1	1	-	-	-	1	-
number	(D)	(D)	(D)	-	-	-	(D)	-
Milk cows								
farms, 2002	44	3	9	15	3	-	65	6
1997	62	5	20	18	8	5	80	6
number, 2002	5,384	13	615	644	(D)	-	2,391	209
1997	4,324	12	1,016	742	855	85	2,974	217
2002 farms by inventory:								
1 to 9								
farms	2	3	1	5	1	-	19	1
number	(D)	13	(D)	5	(D)	-	84	(D)
10 to 19								
farms	-	-	-	2	-	-	12	2
number	-	-	-	(D)	-	-	163	(D)
20 to 49								
farms	14	-	2	1	-	-	13	1
number	(D)	-	(D)	(D)	-	-	437	(D)
50 to 99								
farms	13	-	5	4	-	-	17	2
number	841	-	377	265	-	-	1,187	(D)
100 to 199								
farms	6	-	1	3	1	-	4	-
number	658	-	(D)	322	(D)	-	520	-
200 to 499								
farms	6	-	-	-	-	-	-	-
number	1,530	-	-	-	-	-	-	-
500 or more								
farms	3	-	-	-	1	-	-	-
number	1,993	-	-	-	(D)	-	-	-
Other cattle (see text)								
farms, 2002	451	423	321	327	192	126	255	197
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	73,177	19,516	28,899	13,986	12,242	5,937	38,615	21,185
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9								
farms	57	132	71	99	55	26	35	31
number	235	560	283	(D)	244	100	141	99
10 to 19								
farms	55	66	35	55	28	18	25	28
number	781	888	469	743	387	240	308	396
20 to 49								
farms	91	114	93	91	52	53	60	46
number	2,859	3,471	2,919	2,845	1,562	1,713	1,809	1,487
50 to 99								
farms	84	63	48	42	29	18	37	48
number	5,901	4,309	3,283	2,882	1,977	1,301	2,419	3,273
100 to 199								
farms	62	33	44	30	18	7	44	25
number	8,177	4,404	6,012	4,004	2,444	811	6,047	3,106
200 to 499								
farms	72	11	20	9	6	2	32	15
number	21,719	3,102	5,713	2,261	1,467	(D)	10,179	4,574
500 or more								
farms	30	4	10	1	2	4	22	4
number	33,505	2,782	10,220	(D)	4,161	(D)	17,712	8,250

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>INVENTORY</b>								
Cattle and calves								
farms, 2002	392	228	242	269	155	374	170	468
1997	435	282	310	284	193	461	187	635
number, 2002	40,567	26,637	18,119	44,591	28,986	36,400	18,015	66,386
1997	38,027	29,138	19,734	34,817	30,969	40,220	19,100	80,663
Farms by inventory:								
1 to 9								
farms, 2002	30	14	42	31	16	25	27	31
1997	29	21	60	25	21	26	29	49
number, 2002	167	57	225	160	64	132	144	154
1997	172	110	343	117	112	132	136	240
10 to 19								
farms, 2002	39	18	34	30	19	32	21	36
1997	43	23	39	27	22	55	28	63
number, 2002	537	269	490	377	247	440	286	521
1997	547	322	551	347	306	791	380	877
20 to 49								
farms, 2002	119	85	64	72	27	111	44	114
1997	136	83	94	73	39	145	40	175
number, 2002	3,884	2,774	2,033	2,392	849	3,661	1,399	3,918
1997	4,492	2,768	2,958	2,448	1,210	4,759	1,185	5,774
50 to 99								
farms, 2002	80	51	52	42	22	95	34	117
1997	96	75	64	74	29	111	38	153
number, 2002	5,473	3,550	3,623	3,016	1,584	6,423	2,448	8,196
1997	6,408	5,122	4,603	5,125	2,113	7,989	2,613	10,932
100 to 199								
farms, 2002	72	35	32	48	36	66	24	85
1997	90	55	37	52	39	84	25	96
number, 2002	10,316	5,110	4,509	6,836	4,567	9,110	3,285	11,712
1997	12,629	7,688	4,839	7,370	5,285	11,268	3,488	13,081
200 to 499								
farms, 2002	43	15	14	26	21	34	12	56
1997	33	17	14	21	32	33	18	69
number, 2002	12,804	4,466	4,132	7,713	6,670	9,206	3,948	15,415
1997	8,807	4,585	(D)	6,152	9,871	9,494	5,093	19,619
500 or more								
farms, 2002	9	10	4	20	14	11	8	29
1997	8	8	2	12	11	7	9	33
number, 2002	7,386	10,411	3,107	24,097	15,005	7,428	6,505	26,470
1997	4,972	8,543	(D)	13,258	12,072	5,787	6,205	30,140
Cows and heifers that had calved								
farms, 2002	355	193	203	175	79	327	113	362
1997	393	242	251	179	92	387	124	474
number, 2002	19,981	9,135	7,544	6,145	6,502	14,971	3,423	19,886
1997	18,473	10,293	7,679	7,190	3,750	16,038	3,378	20,448
Beef cows								
farms, 2002	352	190	195	162	64	320	105	345
1997	385	236	241	162	69	384	117	441
number, 2002	19,250	8,873	6,735	5,657	3,267	14,806	3,080	16,408
1997	17,813	10,046	6,633	6,411	2,332	15,961	3,118	18,275
2002 farms by inventory:								
1 to 9								
farms	35	18	42	28	17	28	29	28
number	(D)	102	(D)	(D)	92	112	(D)	137
10 to 19								
farms	49	37	33	29	16	68	27	75
number	685	522	446	376	224	926	361	1,081
20 to 49								
farms	130	79	80	66	16	115	29	132
number	3,802	2,277	2,602	1,910	506	3,566	845	4,289
50 to 99								
farms	82	38	31	28	11	70	16	73
number	5,485	2,882	2,031	1,861	694	4,531	1,038	4,922
100 to 199								
farms	46	12	8	10	2	36	3	25
number	5,891	1,504	1,017	1,089	(D)	4,546	342	2,878
200 to 499								
farms	9	6	1	1	1	2	1	12
number	1,998	1,586	(D)	(D)	(D)	(D)	(D)	3,101
500 or more								
farms	1	-	-	-	1	1	-	-
number	(D)	-	-	-	(D)	(D)	-	-
Milk cows								
farms, 2002	7	4	14	13	15	8	8	24
1997	18	7	22	19	26	6	14	35
number, 2002	731	262	809	488	3,235	165	343	3,478
1997	660	247	1,046	779	1,418	77	260	2,173
2002 farms by inventory:								
1 to 9								
farms	1	1	5	3	2	4	1	4
number	(D)	(D)	15	14	(D)	11	(D)	11
10 to 19								
farms	2	-	-	4	-	-	1	5
number	(D)	-	-	(D)	-	-	(D)	87
20 to 49								
farms	1	-	5	4	3	2	2	5
number	(D)	-	168	176	104	(D)	(D)	148
50 to 99								
farms	1	2	2	1	3	2	4	3
number	(D)	(D)	(D)	(D)	218	(D)	254	198
100 to 199								
farms	-	1	1	1	3	-	-	5
number	-	(D)	(D)	(D)	425	-	-	(D)
200 to 499								
farms	2	-	1	-	2	-	-	1
number	(D)	-	(D)	-	(D)	-	-	(D)
500 or more								
farms	-	-	-	-	2	-	-	1
number	-	-	-	-	(D)	-	-	(D)
Other cattle (see text)								
farms, 2002	338	209	219	256	146	348	157	438
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	20,586	17,502	10,575	38,446	22,484	21,429	14,592	46,500
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9								
farms	103	47	71	61	25	77	44	84
number	427	190	295	295	121	288	238	337
10 to 19								
farms	61	39	29	38	16	66	22	59
number	853	527	390	565	204	985	309	840
20 to 49								
farms	68	64	67	50	26	96	36	111
number	2,083	1,935	2,052	1,498	832	3,024	1,117	3,507
50 to 99								
farms	46	27	28	38	26	56	23	81
number	3,291	1,763	1,972	2,835	1,832	3,851	1,629	5,781
100 to 199								
farms	33	16	15	29	23	31	14	48
number	4,019	1,848	1,926	4,052	3,075	4,220	1,799	6,476
200 to 499								
farms	22	8	6	22	20	12	11	34
number	6,483	2,329	1,623	6,343	5,975	3,037	3,618	10,165
500 or more								
farms	5	8	3	18	10	10	7	21
number	3,430	8,910	2,317	22,858	10,445	6,024	5,882	19,394

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>INVENTORY</b>								
Cattle and calves								
farms, 2002	118	160	477	423	401	212	264	344
1997	135	192	589	474	419	285	307	442
number, 2002	16,817	10,836	63,358	40,015	51,608	30,368	20,682	33,647
1997	12,116	9,678	66,184	40,175	42,970	39,526	20,568	41,383
Farms by inventory:								
1 to 9								
farms, 2002	10	35	55	30	25	18	53	31
1997	17	34	63	41	22	30	54	37
number, 2002	33	190	279	160	128	105	268	183
1997	92	178	322	228	105	129	278	206
10 to 19								
farms, 2002	21	19	53	41	36	29	49	30
1997	16	35	69	44	41	34	55	47
number, 2002	316	(D)	680	583	526	391	662	418
1997	223	503	969	613	616	440	752	666
20 to 49								
farms, 2002	29	59	140	97	114	74	61	106
1997	45	74	160	131	107	78	91	152
number, 2002	850	1,842	4,503	3,159	3,673	2,452	1,869	3,565
1997	1,346	2,362	5,054	4,294	3,393	2,407	2,821	4,981
50 to 99								
farms, 2002	18	19	86	111	89	38	49	80
1997	18	23	130	127	103	77	52	115
number, 2002	1,319	1,391	6,014	7,510	6,444	2,705	3,283	5,706
1997	1,278	1,558	9,418	8,979	7,005	5,435	3,502	7,885
100 to 199								
farms, 2002	17	12	79	103	67	20	22	63
1997	20	14	96	94	90	31	34	82
number, 2002	2,197	1,793	10,664	13,915	9,843	2,788	2,709	8,401
1997	2,781	1,802	12,591	12,636	12,110	4,331	4,719	8,755
200 to 499								
farms, 2002	14	14	39	33	51	16	24	27
1997	18	12	52	32	50	19	17	18
number, 2002	4,287	4,061	11,678	9,179	14,762	4,256	7,721	8,109
1997	(D)	3,275	15,167	9,800	15,271	5,446	5,107	5,176
500 or more								
farms, 2002	9	2	25	8	19	17	6	7
1997	1	-	19	5	6	16	4	11
number, 2002	7,815	(D)	29,540	5,509	16,232	17,671	4,170	7,265
1997	(D)	-	22,663	3,625	4,470	21,338	3,389	13,714
Cows and heifers that had calved								
farms, 2002	69	130	378	359	382	154	191	269
1997	80	156	478	408	395	196	233	358
number, 2002	3,123	4,785	14,649	16,981	25,925	4,776	5,457	10,156
1997	2,244	4,311	16,552	16,565	21,916	7,111	6,479	11,594
Beef cows								
farms, 2002	60	128	378	356	369	149	184	267
1997	74	153	477	401	391	189	218	351
number, 2002	2,048	4,664	(D)	16,298	25,745	4,421	4,827	10,052
1997	1,801	4,065	16,237	15,474	21,674	6,379	5,635	11,270
2002 farms by inventory:								
1 to 9								
farms	13	29	62	39	33	25	60	38
number	75	127	(D)	179	179	(D)	278	(D)
10 to 19								
farms	18	29	74	65	43	30	40	43
number	(D)	385	967	898	592	430	525	554
20 to 49								
farms	17	50	147	118	127	73	61	118
number	492	1,502	4,587	3,738	3,956	2,319	1,811	3,666
50 to 99								
farms	9	7	61	98	92	19	17	51
number	635	480	4,144	6,376	6,608	1,320	1,104	3,305
100 to 199								
farms	1	9	31	29	53	2	3	16
number	(D)	1,220	3,951	3,463	7,047	(D)	460	2,130
200 to 499								
farms	2	4	3	7	17	-	3	1
number	(D)	950	612	1,644	4,763	-	649	(D)
500 or more								
farms	-	-	-	-	4	-	-	-
number	-	-	-	-	2,600	-	-	-
Milk cows								
farms, 2002	11	5	4	7	18	6	8	5
1997	6	3	14	12	13	12	24	8
number, 2002	1,075	121	(D)	683	180	355	630	104
1997	443	246	315	1,091	242	732	844	324
2002 farms by inventory:								
1 to 9								
farms	-	3	2	3	10	3	-	2
number	-	(D)	(D)	3	(D)	7	-	(D)
10 to 19								
farms	2	-	-	-	7	-	-	1
number	(D)	-	-	-	95	-	-	(D)
20 to 49								
farms	6	1	1	1	-	-	2	2
number	177	(D)	(D)	(D)	-	-	(D)	(D)
50 to 99								
farms	-	1	1	1	1	1	4	-
number	-	(D)	(D)	(D)	(D)	(D)	265	-
100 to 199								
farms	2	-	-	1	2	2	2	-
number	(D)	-	-	(D)	-	(D)	(D)	-
200 to 499								
farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
500 or more								
farms	1	-	-	1	-	-	-	-
number	(D)	-	-	(D)	-	-	-	-
Other cattle (see text)								
farms, 2002	115	135	440	392	361	180	236	303
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	13,694	6,051	48,709	23,034	25,683	25,592	15,225	23,491
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9								
farms	22	48	113	67	98	40	70	58
number	97	(D)	479	255	345	180	314	228
10 to 19								
farms	26	33	80	64	54	30	51	40
number	360	450	1,078	875	729	410	725	563
20 to 49								
farms	19	28	105	124	80	48	59	87
number	586	844	3,364	4,138	2,483	1,454	1,795	2,691
50 to 99								
farms	17	12	56	69	59	17	20	68
number	1,175	915	3,777	4,854	4,224	1,135	1,307	4,857
100 to 199								
farms	11	8	41	48	42	19	12	27
number	1,428	1,204	5,425	5,806	5,419	2,479	1,445	3,622
200 to 499								
farms	12	4	20	17	19	9	18	16
number	3,241	1,165	6,100	4,961	5,535	2,465	5,561	4,402
500 or more								
farms	8	2	25	3	9	17	6	7
number	6,807	(D)	28,486	2,145	6,948	17,469	4,078	7,128

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>INVENTORY</b>								
Cattle and calves								
farms, 2002	634	180	444	367	351	368	308	492
1997	695	220	510	439	424	468	407	651
number, 2002	221,653	16,040	34,522	34,920	43,761	29,662	17,921	34,428
1997	177,241	17,898	34,519	37,936	39,178	30,731	21,658	40,391
Farms by inventory:								
1 to 9								
farms, 2002	49	40	34	19	37	33	46	60
1997	62	49	56	36	52	45	50	84
number, 2002	285	195	175	107	175	193	(D)	302
1997	332	239	308	184	283	238	247	448
10 to 19								
farms, 2002	47	30	63	37	41	41	49	72
1997	54	34	90	51	34	67	74	97
number, 2002	652	409	866	480	607	574	703	999
1997	748	477	1,255	733	478	966	1,043	1,381
20 to 49								
farms, 2002	94	50	139	111	65	105	99	178
1997	106	67	149	96	120	136	131	217
number, 2002	3,002	1,636	4,417	3,672	2,215	3,454	3,176	5,584
1997	3,386	2,108	4,846	3,043	3,821	4,466	4,106	6,884
50 to 99								
farms, 2002	97	29	104	85	80	101	62	81
1997	118	34	118	129	130	99	99	148
number, 2002	6,880	2,032	7,381	6,396	5,716	6,946	4,349	5,804
1997	8,510	2,424	8,277	8,876	5,482	9,132	6,672	9,654
100 to 199								
farms, 2002	102	14	68	78	60	61	42	73
1997	126	17	57	83	93	64	31	76
number, 2002	14,500	1,825	9,041	10,287	8,368	8,617	5,741	10,239
1997	17,398	2,457	8,045	11,341	13,055	8,460	4,022	10,357
200 to 499								
farms, 2002	138	11	30	29	55	22	9	22
1997	142	11	37	41	40	24	22	24
number, 2002	43,428	3,939	8,102	8,245	15,608	6,483	2,481	5,390
1997	42,573	3,283	9,993	11,437	11,424	(D)	5,568	7,500
500 or more								
farms, 2002	107	6	6	8	13	5	1	6
1997	87	8	3	3	5	2	-	5
number, 2002	152,906	6,004	4,540	5,733	11,072	3,395	(D)	6,110
1997	104,294	6,910	1,795	2,322	4,635	(D)	-	4,167
Cows and heifers that had calved								
farms, 2002	275	127	364	342	326	346	279	453
1997	297	143	406	386	376	429	366	591
number, 2002	30,024	4,605	14,233	18,041	20,032	15,802	9,411	16,443
1997	24,915	4,887	14,965	17,869	19,004	16,321	10,809	19,205
Beef cows								
farms, 2002	184	123	353	340	324	328	277	449
1997	188	136	391	383	376	407	362	582
number, 2002	9,872	4,101	13,258	17,748	19,771	14,993	9,154	16,197
1997	10,677	3,545	13,533	17,649	(D)	15,372	10,369	18,725
2002 farms by inventory:								
1 to 9								
farms	36	40	43	25	36	52	52	86
number	(D)	(D)	235	(D)	(D)	290	274	468
10 to 19								
farms	27	29	86	51	56	48	59	107
number	353	385	1,216	677	733	690	849	1,472
20 to 49								
farms	68	38	141	143	98	118	107	150
number	2,139	1,074	4,489	4,710	3,331	3,727	3,243	4,549
50 to 99								
farms	27	9	55	76	68	77	44	72
number	1,911	615	3,485	4,960	4,618	5,037	2,944	4,961
100 to 199								
farms	19	3	23	36	50	25	15	29
number	2,272	432	2,728	4,483	6,197	3,098	1,844	3,419
200 to 499								
farms	6	3	5	8	14	8	-	5
number	1,792	651	1,105	2,174	3,250	2,151	-	1,328
500 or more								
farms	1	1	-	1	2	-	-	-
number	(D)	(D)	-	(D)	(D)	-	-	-
Milk cows								
farms, 2002	100	7	21	8	7	26	8	8
1997	118	8	30	7	6	34	16	22
number, 2002	20,152	504	975	293	261	809	257	246
1997	14,238	1,342	1,432	220	(D)	949	440	480
2002 farms by inventory:								
1 to 9								
farms	6	2	7	3	3	11	6	4
number	21	(D)	27	4	5	(D)	(D)	21
10 to 19								
farms	9	-	-	1	-	4	-	1
number	108	-	-	(D)	-	48	-	(D)
20 to 49								
farms	13	3	7	2	2	3	1	1
number	440	(D)	(D)	(D)	(D)	104	(D)	(D)
50 to 99								
farms	21	-	6	-	2	6	-	2
number	1,416	-	389	-	(D)	364	-	(D)
100 to 199								
farms	30	1	-	2	-	2	1	-
number	4,206	(D)	-	(D)	-	(D)	(D)	-
200 to 499								
farms	15	1	1	-	-	-	-	-
number	4,956	(D)	(D)	-	-	-	-	-
500 or more								
farms	6	-	-	-	-	-	-	-
number	9,005	-	-	-	-	-	-	-
Other cattle (see text)								
farms, 2002	592	160	394	316	316	335	273	431
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	191,629	11,435	20,289	16,879	23,729	13,860	8,510	17,985
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9								
farms	71	53	87	76	91	97	119	139
number	320	210	373	(D)	363	(D)	506	572
10 to 19								
farms	45	29	74	44	36	59	49	89
number	608	385	1,041	586	458	789	647	1,195
20 to 49								
farms	91	38	115	90	65	100	55	107
number	2,830	1,187	3,577	2,908	2,087	3,054	1,682	3,218
50 to 99								
farms	97	18	62	63	55	51	36	61
number	6,354	1,272	4,104	4,218	3,963	3,465	2,505	4,164
100 to 199								
farms	82	7	40	27	41	18	11	24
number	11,358	888	5,017	3,502	5,303	2,373	1,480	2,788
200 to 499								
farms	111	10	13	15	21	8	2	7
number	34,597	2,957	3,529	4,381	5,803	2,339	(D)	1,673
500 or more								
farms	95	5	3	1	7	2	1	4
number	135,562	4,536	2,648	(D)	5,752	(D)	(D)	4,375

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>INVENTORY - Con.</b>							
Cattle and calves - Con.							
Cattle on feed (see text) . . . . . farms, 2002	8,725	120	46	103	28	72	145
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	1,249,270	13,495	7,832	8,106	1,651	11,751	12,032
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:							
1 to 9 . . . . . farms	1,408	8	3	11	6	16	29
number	6,621	40	11	55	(D)	93	133
10 to 19 . . . . . farms	1,087	10	3	15	4	4	29
number	14,709	119	30	207	56	53	417
20 to 49 . . . . . farms	1,943	29	10	21	9	13	33
number	60,557	945	336	660	296	448	1,058
50 to 99 . . . . . farms	1,570	28	14	26	4	16	26
number	108,260	1,817	916	1,738	244	1,109	1,770
100 to 199 . . . . . farms	1,203	24	6	19	2	7	14
number	162,541	3,169	809	2,558	(D)	968	1,763
200 to 499 . . . . . farms	962	18	6	11	3	9	9
number	289,934	5,297	1,780	2,888	790	2,488	2,996
500 or more . . . . . farms	552	3	4	-	-	7	5
number	606,648	2,108	3,950	-	-	6,592	3,895
<b>SALES</b>							
Dairy products sold . . . . . farms, 2002							
1997	2,913	12	8	162	11	3	26
\$1,000, 2002	3,979	9	4	234	10	5	27
1997	442,431	712	387	28,822	555	97	(D)
	407,897	465	203	28,396	594	(D)	3,928
Cattle and calves sold . . . . . farms, 2002							
1997	29,515	427	249	501	426	213	381
number, 2002	39,728	524	370	671	569	286	526
1997	2,929,704	36,287	22,300	30,009	20,912	30,600	27,256
\$1,000, 2002	2,936,978	39,752	23,872	32,455	26,203	32,284	35,187
1997	2,119,935	26,272	14,185	19,383	11,031	23,613	19,943
	1,886,416	25,128	13,571	15,955	11,971	23,815	25,310
2002 farms by number sold:							
1 to 9 . . . . . farms	5,101	61	33	48	63	36	66
number	25,618	292	171	(D)	336	187	324
10 to 19 . . . . . farms	5,186	55	28	62	80	34	89
number	71,853	765	414	872	1,159	461	1,202
20 to 49 . . . . . farms	9,025	127	85	190	145	67	133
number	283,290	4,134	2,644	6,138	4,609	2,267	4,038
50 to 99 . . . . . farms	4,957	93	60	110	99	30	45
number	338,636	6,332	4,210	7,321	6,836	2,046	3,044
100 to 199 . . . . . farms	2,586	46	28	69	29	20	28
number	344,843	5,894	3,889	8,857	3,895	2,692	3,532
200 to 499 . . . . . farms	1,662	38	8	21	9	14	11
number	487,375	10,867	2,259	6,012	(D)	4,290	3,379
500 or more . . . . . farms	998	7	7	1	1	12	9
number	1,378,089	8,003	8,713	(D)	(D)	18,657	11,737
Calves weighing less than 500 pounds, sold . . . . . farms, 2002							
1997	9,504	103	95	187	200	61	96
number, 2002	14,129	195	148	300	297	91	140
1997	259,122	2,121	2,178	5,242	4,482	2,941	2,242
	380,072	5,430	3,914	7,303	7,325	2,350	2,462
2002 farms by number sold:							
1 to 9 . . . . . farms	3,448	40	39	31	65	21	31
number	15,394	(D)	(D)	(D)	332	106	145
10 to 19 . . . . . farms	2,307	22	16	50	57	18	20
number	30,024	289	222	661	758	(D)	256
20 to 49 . . . . . farms	2,642	32	26	76	57	19	33
number	76,850	992	715	2,156	1,670	(D)	959
50 to 99 . . . . . farms	765	7	12	26	17	2	9
number	49,476	459	837	1,674	1,227	(D)	525
100 to 199 . . . . . farms	237	2	2	3	4	-	3
number	30,632	(D)	(D)	397	495	-	357
200 to 499 . . . . . farms	65	-	-	1	-	-	-
number	17,780	-	-	(D)	-	-	-
500 or more . . . . . farms	40	-	-	-	-	1	-
number	38,966	-	-	-	-	(D)	-
Cattle, including calves weighing 500 pounds or more, sold . . . . . farms, 2002							
1997	26,277	387	225	449	362	189	337
number, 2002	32,837	430	299	555	425	248	465
1997	2,670,582	34,166	20,122	24,767	16,430	27,659	25,014
	2,556,906	34,322	19,958	25,152	18,878	29,934	32,725
2002 farms by number sold:							
1 to 9 . . . . . farms	5,437	59	43	70	77	35	65
number	25,777	270	202	375	(D)	168	298
10 to 19 . . . . . farms	4,596	52	27	64	72	25	83
number	62,890	729	420	882	975	335	1,128
20 to 49 . . . . . farms	7,435	103	69	153	106	58	107
number	231,621	3,416	2,210	4,861	3,440	1,914	3,182
50 to 99 . . . . . farms	4,122	89	48	88	76	29	41
number	281,239	6,021	3,341	6,007	5,049	2,039	2,744
100 to 199 . . . . . farms	2,200	40	23	54	23	17	22
number	293,006	5,153	3,222	6,922	2,915	2,306	2,857
200 to 499 . . . . . farms	1,538	37	8	20	7	14	10
number	451,894	10,574	2,139	5,720	2,277	4,240	3,169
500 or more . . . . . farms	949	7	7	-	1	11	9
number	1,324,155	8,003	8,588	-	(D)	16,657	11,636

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>INVENTORY - Con.</b>							
Cattle and calves - Con.							
Cattle on feed (see text) . . . . . farms, 2002	70	37	123	143	52	102	41
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	6,557	7,435	6,394	8,985	10,815	6,174	8,973
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:							
1 to 9 . . . . . farms	13	9	39	30	10	18	5
number	79	50	195	131	66	(D)	(D)
10 to 19 . . . . . farms	9	2	24	28	10	19	8
number	135	(D)	346	377	127	242	111
20 to 49 . . . . . farms	20	6	29	32	6	27	11
number	545	174	890	1,054	176	940	346
50 to 99 . . . . . farms	13	6	11	33	5	22	2
number	991	397	802	2,097	309	1,553	(D)
100 to 199 . . . . . farms	11	2	12	12	7	9	3
number	1,542	(D)	1,597	1,890	998	1,159	433
200 to 499 . . . . . farms	2	6	8	5	11	6	8
number	(D)	1,823	2,564	1,736	2,982	1,644	2,421
500 or more . . . . . farms	2	6	-	3	3	1	4
number	(D)	4,689	-	1,700	6,157	(D)	5,469
<b>SALES</b>							
Dairy products sold . . . . . farms, 2002							
1997	22	5	61	85	3	32	-
\$1,000, 2002	30	3	107	144	3	41	-
1997	2,496	419	8,337	4,995	356	2,450	-
	2,906	(D)	10,552	6,102	(D)	3,405	-
Cattle and calves sold . . . . . farms, 2002							
1997	173	157	288	350	156	282	132
number, 2002	268	239	417	508	207	374	194
1997	10,893	19,371	11,980	16,287	24,425	15,871	20,340
\$1,000, 2002	12,965	14,525	21,640	19,155	26,522	17,544	21,989
1997	8,414	15,739	(D)	11,532	18,101	11,703	16,966
	8,558	9,804	12,011	12,304	19,797	12,267	17,057
2002 farms by number sold:							
1 to 9 . . . . . farms	40	41	83	94	32	64	30
number	185	212	402	442	173	327	131
10 to 19 . . . . . farms	27	30	61	74	25	65	21
number	363	446	848	1,002	356	892	298
20 to 49 . . . . . farms	58	47	85	104	41	74	35
number	1,737	1,377	2,738	3,147	1,254	2,314	1,077
50 to 99 . . . . . farms	27	19	32	42	23	53	19
number	1,760	1,459	2,177	2,787	1,572	3,753	1,382
100 to 199 . . . . . farms	15	5	17	24	16	11	12
number	1,866	647	2,246	3,310	2,089	1,456	1,670
200 to 499 . . . . . farms	3	6	9	6	11	12	7
number	1,132	1,736	(D)	1,693	3,088	3,732	2,107
500 or more . . . . . farms	3	9	1	6	8	3	8
number	3,850	13,494	(D)	3,906	15,893	3,397	13,675
Calves weighing less than 500 pounds, sold . . . . . farms, 2002							
1997	35	54	82	110	39	87	36
number, 2002	91	85	154	209	48	122	45
1997	685	830	2,142	2,299	3,128	1,539	1,072
	1,962	1,180	5,709	3,368	1,053	1,831	1,370
2002 farms by number sold:							
1 to 9 . . . . . farms	16	25	39	42	13	44	12
number	79	(D)	163	173	58	201	(D)
10 to 19 . . . . . farms	6	15	9	27	10	14	9
number	82	209	143	332	138	175	113
20 to 49 . . . . . farms	10	12	26	31	14	25	10
number	287	403	809	808	(D)	657	284
50 to 99 . . . . . farms	3	2	4	7	1	2	1
number	237	(D)	270	426	(D)	(D)	(D)
100 to 199 . . . . . farms	-	-	2	1	-	2	4
number	-	-	(D)	(D)	-	(D)	556
200 to 499 . . . . . farms	-	-	2	2	-	-	-
number	-	-	(D)	(D)	-	-	-
500 or more . . . . . farms	-	-	-	-	1	-	-
number	-	-	-	-	(D)	-	-
Cattle, including calves weighing 500 pounds or more, sold . . . . . farms, 2002							
1997	160	143	262	320	140	250	114
number, 2002	236	181	357	404	175	328	157
1997	10,208	18,541	9,838	13,988	21,297	14,332	19,268
	11,003	13,345	15,931	15,787	25,469	15,713	20,619
2002 farms by number sold:							
1 to 9 . . . . . farms	40	45	86	106	34	55	26
number	161	202	(D)	490	160	247	109
10 to 19 . . . . . farms	23	27	55	71	17	63	16
number	310	400	745	955	238	867	224
20 to 49 . . . . . farms	53	37	77	81	37	63	29
number	1,588	1,058	2,388	2,394	1,132	2,016	890
50 to 99 . . . . . farms	25	15	23	29	19	47	22
number	1,622	1,148	1,584	1,950	1,307	3,312	1,551
100 to 199 . . . . . farms	13	4	13	23	15	9	6
number	1,545	537	1,759	3,190	1,989	1,247	761
200 to 499 . . . . . farms	3	6	7	4	11	10	7
number	1,132	1,713	2,157	1,103	3,088	3,246	2,107
500 or more . . . . . farms	3	9	1	6	7	3	8
number	3,850	13,483	(D)	3,906	13,383	3,397	13,626

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>INVENTORY - Con.</b>							
Cattle and calves - Con.							
Cattle on feed (see text) . . . . . farms, 2002	112	103	95	69	134	132	38
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	48,809	19,421	6,117	4,841	31,302	15,610	2,828
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:							
1 to 9 . . . . . farms	7	9	18	23	18	19	4
number	37	53	86	95	73	103	14
10 to 19 . . . . . farms	6	16	13	8	10	31	4
number	84	230	(D)	109	128	441	(D)
20 to 49 . . . . . farms	19	23	32	14	17	33	11
number	662	736	1,024	404	586	988	368
50 to 99 . . . . . farms	16	20	22	11	25	15	10
number	1,199	1,499	1,562	659	1,731	1,026	690
100 to 199 . . . . . farms	18	13	5	9	29	10	7
number	2,463	1,846	600	1,162	4,037	1,385	997
200 to 499 . . . . . farms	17	13	4	2	16	19	2
number	5,004	4,577	1,233	(D)	5,425	6,388	(D)
500 or more . . . . . farms	29	9	1	2	19	5	-
number	39,360	10,480	(D)	(D)	19,322	5,279	-
<b>SALES</b>							
Dairy products sold . . . . . farms, 2002							
1997	6	10	11	7	17	64	4
\$1,000, 2002	6	6	21	11	19	101	10
1997	613	(D)	865	898	1,099	9,647	64
	406	507	1,613	1,059	1,276	10,940	390
Cattle and calves sold . . . . . farms, 2002							
1997	312	337	294	134	345	305	351
number, 2002	411	452	416	161	393	442	465
1997	103,840	51,968	17,261	6,348	55,327	28,225	18,796
\$1,000, 2002	96,674	38,587	22,116	7,013	42,988	33,645	21,035
1997	88,904	35,895	12,407	4,608	43,037	23,267	(D)
	64,878	25,342	14,748	4,901	29,721	24,809	10,563
2002 farms by number sold:							
1 to 9 . . . . . farms	41	37	55	45	57	54	52
number	190	166	265	159	317	301	253
10 to 19 . . . . . farms	35	58	57	29	42	69	58
number	483	809	792	407	576	1,006	783
20 to 49 . . . . . farms	91	106	104	32	80	93	136
number	2,829	3,260	3,245	1,067	2,542	2,847	4,583
50 to 99 . . . . . farms	37	71	47	17	63	41	59
number	2,560	4,968	3,174	1,199	4,425	2,698	3,929
100 to 199 . . . . . farms	36	26	20	6	38	20	34
number	4,822	3,604	2,609	674	5,005	2,783	4,686
200 to 499 . . . . . farms	29	23	8	3	36	17	9
number	8,605	7,177	2,464	(D)	9,702	4,795	2,287
500 or more . . . . . farms	43	16	3	2	29	11	3
number	84,351	31,984	4,712	(D)	32,760	13,795	2,275
Calves weighing less than 500 pounds, sold . . . . . farms, 2002							
1997	75	105	79	26	87	69	159
number, 2002	114	168	111	37	103	131	207
1997	3,123	5,607	1,436	476	3,169	1,866	3,162
	7,594	4,811	2,426	575	2,279	4,273	5,525
2002 farms by number sold:							
1 to 9 . . . . . farms	34	41	36	11	39	19	64
number	130	179	137	(D)	(D)	80	253
10 to 19 . . . . . farms	15	25	18	6	15	24	31
number	194	314	(D)	86	179	327	360
20 to 49 . . . . . farms	19	20	19	7	22	16	50
number	602	(D)	625	187	720	458	1,374
50 to 99 . . . . . farms	3	14	5	1	6	6	9
number	170	939	350	(D)	391	402	570
100 to 199 . . . . . farms	-	4	1	1	3	4	5
number	-	(D)	(D)	(D)	356	599	605
200 to 499 . . . . . farms	2	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-
500 or more . . . . . farms	2	1	-	-	2	-	-
number	(D)	(D)	-	-	(D)	-	-
Cattle, including calves weighing 500 pounds or more, sold . . . . . farms, 2002							
1997	281	298	268	125	321	277	308
number, 2002	345	356	356	143	342	381	352
1997	100,717	46,361	15,825	5,872	52,158	26,359	15,634
	89,080	33,776	19,690	6,438	40,709	29,372	15,510
2002 farms by number sold:							
1 to 9 . . . . . farms	36	40	56	42	58	55	66
number	166	188	232	(D)	303	311	301
10 to 19 . . . . . farms	33	50	50	26	34	61	55
number	466	693	691	366	480	868	748
20 to 49 . . . . . farms	76	90	98	31	73	83	101
number	2,424	2,863	2,996	932	2,256	2,557	3,446
50 to 99 . . . . . farms	38	57	36	16	60	34	45
number	2,685	3,962	2,509	1,115	4,080	2,217	2,880
100 to 199 . . . . . farms	30	24	17	5	36	17	29
number	4,094	3,124	2,221	571	4,821	2,332	3,712
200 to 499 . . . . . farms	27	21	8	3	33	17	9
number	7,975	6,547	2,464	742	8,978	4,823	2,272
500 or more . . . . . farms	41	16	3	2	27	10	3
number	82,907	28,984	4,712	(D)	31,240	13,251	2,275

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>INVENTORY - Con.</b>							
Cattle and calves - Con.							
Cattle on feed (see text) . . . . . farms, 2002	41	180	197	110	33	43	31
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	7,387	16,283	22,011	17,051	5,220	3,522	4,769
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:							
1 to 9 . . . . . farms	8	20	34	8	12	23	10
number	32	98	161	32	61	76	58
10 to 19 . . . . . farms	-	31	30	14	4	-	5
number	-	408	392	181	54	-	65
20 to 49 . . . . . farms	11	52	40	20	7	7	7
number	319	1,741	1,212	631	185	250	207
50 to 99 . . . . . farms	8	27	28	24	3	4	2
number	507	1,861	2,005	1,582	219	260	(D)
100 to 199 . . . . . farms	3	28	33	19	1	2	3
number	419	3,547	4,248	2,537	(D)	(D)	463
200 to 499 . . . . . farms	5	19	22	17	2	5	2
number	1,717	5,757	7,345	4,911	(D)	1,200	(D)
500 or more . . . . . farms	6	3	10	8	4	2	2
number	4,393	2,871	6,648	7,177	3,671	(D)	(D)
<b>SALES</b>							
Dairy products sold . . . . . farms, 2002							
1997	2	291	25	6	3	70	12
\$1,000, 2002	(D)	38,707	5,459	404	201	4,120	1,071
1997	(D)	40,569	3,864	1,055	(D)	3,072	459
Cattle and calves sold . . . . . farms, 2002							
1997	142	699	439	436	183	501	378
number, 2002	184	984	586	654	272	613	470
1997	16,461	43,455	41,708	45,516	16,365	26,470	28,999
\$1,000, 2002	18,941	41,000	56,463	48,031	19,230	27,098	51,316
1997	11,743	26,553	31,515	32,687	11,131	14,888	17,664
number	11,938	21,346	39,954	31,081	12,184	12,579	32,024
2002 farms by number sold:							
1 to 9 . . . . . farms	29	98	97	62	49	92	60
number	118	527	437	314	214	463	292
10 to 19 . . . . . farms	21	110	58	68	43	107	66
number	271	1,560	800	950	589	1,494	928
20 to 49 . . . . . farms	40	261	109	126	46	164	111
number	1,319	8,099	3,422	3,922	1,408	5,003	3,462
50 to 99 . . . . . farms	20	136	66	90	19	78	75
number	1,272	9,350	4,472	6,150	1,237	5,427	5,769
100 to 199 . . . . . farms	8	51	56	35	16	40	45
number	951	6,607	7,657	4,981	1,925	5,187	5,945
200 to 499 . . . . . farms	15	37	34	40	6	14	16
number	4,527	10,429	9,921	12,597	1,842	3,941	5,241
500 or more . . . . . farms	9	6	19	15	4	6	5
number	8,003	6,883	14,999	16,602	9,150	4,955	7,362
Calves weighing less than 500 pounds, sold . . . . . farms, 2002							
1997	42	303	108	112	58	259	162
number, 2002	43	490	147	214	97	318	225
1997	724	9,868	3,258	2,281	1,584	5,795	3,655
number	847	12,627	3,924	5,714	1,820	7,769	6,513
2002 farms by number sold:							
1 to 9 . . . . . farms	16	55	34	48	24	92	59
number	78	260	(D)	177	97	(D)	270
10 to 19 . . . . . farms	10	92	24	25	8	75	35
number	129	1,214	313	292	98	964	446
20 to 49 . . . . . farms	13	105	33	29	15	62	47
number	367	3,077	946	803	479	1,834	1,276
50 to 99 . . . . . farms	3	33	9	6	6	24	18
number	150	2,102	547	397	410	1,750	1,338
100 to 199 . . . . . farms	-	12	6	4	5	5	3
number	-	1,395	820	612	500	625	325
200 to 499 . . . . . farms	-	6	2	-	-	1	-
number	-	1,820	(D)	-	-	(D)	-
500 or more . . . . . farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Cattle, including calves weighing 500 pounds or more, sold . . . . . farms, 2002							
1997	128	609	394	403	162	422	338
number, 2002	162	801	524	549	226	456	379
1997	15,737	33,587	38,450	43,235	14,781	20,675	25,344
number	16,094	28,373	52,539	42,317	17,410	19,329	44,803
2002 farms by number sold:							
1 to 9 . . . . . farms	27	120	83	62	48	132	69
number	97	605	359	293	189	590	322
10 to 19 . . . . . farms	22	124	63	61	43	81	62
number	291	1,720	826	846	572	1,135	858
20 to 49 . . . . . farms	35	201	94	111	35	104	93
number	1,228	6,132	3,006	3,473	955	3,271	2,924
50 to 99 . . . . . farms	14	94	54	83	19	56	59
number	966	6,475	3,627	5,596	1,233	3,933	4,498
100 to 199 . . . . . farms	8	38	51	33	7	32	35
number	1,025	4,947	6,957	4,776	840	3,912	4,627
200 to 499 . . . . . farms	13	27	31	38	6	11	15
number	4,127	7,404	9,291	11,661	1,842	2,954	4,838
500 or more . . . . . farms	9	5	18	15	4	6	5
number	8,003	6,304	14,384	16,590	9,150	4,880	7,277

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>INVENTORY - Con.</b>									
Cattle and calves - Con.									
Cattle on feed (see text) . . . . . farms, 2002		231	33	42	318	44	169	79	65
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	number, 2002	26,583	1,659	17,232	39,085	11,856	12,699	7,081	7,769
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:									
1 to 9 . . . . . farms		24	14	6	23	6	28	22	16
	number	116	89	37	109	18	139	110	95
10 to 19 . . . . . farms		40	3	4	33	5	21	8	11
	number	562	46	60	446	59	259	(D)	156
20 to 49 . . . . . farms		51	7	5	91	5	52	13	9
	number	1,562	192	121	2,760	121	1,672	411	260
50 to 99 . . . . . farms		41	6	7	62	6	29	11	15
	number	2,860	425	512	4,398	440	2,049	795	1,093
100 to 199 . . . . . farms		41	1	6	49	5	21	12	4
	number	5,621	(D)	920	6,300	702	2,691	1,590	486
200 to 499 . . . . . farms		27	1	6	44	11	15	12	7
	number	8,307	(D)	2,175	12,118	3,384	3,725	3,551	2,553
500 or more . . . . . farms		7	1	8	16	6	3	1	3
	number	7,555	(D)	13,407	12,864	7,132	2,164	(D)	3,126
<b>SALES</b>									
Dairy products sold . . . . . farms, 2002									
	1997	224	15	9	279	-	148	25	8
	\$1,000, 2002	316	8	7	423	-	213	27	16
	1997	34,890	1,080	728	52,446	-	23,957	(D)	(D)
							25,003	1,863	469
Cattle and calves sold . . . . . farms, 2002									
	1997	561	144	99	787	122	461	203	156
	number, 2002	709	251	147	1,064	155	637	276	218
	1997	62,327	4,532	30,636	69,726	20,916	35,052	14,097	15,673
	\$1,000, 2002	45,604	12,141	29,226	67,401	19,408	32,815	12,173	13,763
	1997	45,730	2,696	25,123	51,244	16,210	21,928	10,857	11,590
		30,708	6,690	21,493	42,498	14,281	19,640	8,424	9,548
2002 farms by number sold:									
1 to 9 . . . . . farms		86	52	18	101	22	65	61	44
	number	408	(D)	106	502	96	369	321	212
10 to 19 . . . . . farms		97	23	10	140	24	80	36	34
	number	1,290	325	121	1,950	317	1,112	479	470
20 to 49 . . . . . farms		188	43	18	261	22	147	44	30
	number	5,886	1,260	508	8,355	676	4,533	1,370	879
50 to 99 . . . . . farms		85	20	18	137	22	84	17	26
	number	5,847	1,402	1,271	9,400	1,455	5,605	1,081	1,832
100 to 199 . . . . . farms		52	4	13	76	15	44	22	7
	number	7,005	537	1,936	9,829	1,908	6,015	2,959	1,053
200 to 499 . . . . . farms		35	1	9	44	7	29	20	9
	number	10,720	(D)	2,693	14,051	2,155	8,980	5,847	2,928
500 or more . . . . . farms		18	1	13	28	10	12	3	6
	number	31,171	(D)	24,001	25,639	14,309	8,438	2,040	8,299
Calves weighing less than 500 pounds, sold . . . . . farms, 2002									
	1997	187	52	26	263	33	136	44	35
	number, 2002	280	102	34	481	43	236	78	45
	1997	4,884	753	499	6,984	563	7,205	1,042	523
		6,704	3,083	847	12,807	632	7,389	1,071	635
2002 farms by number sold:									
1 to 9 . . . . . farms		40	24	12	68	16	30	17	22
	number	(D)	84	73	(D)	(D)	(D)	(D)	83
10 to 19 . . . . . farms		44	13	3	66	5	39	12	5
	number	571	145	(D)	864	60	513	163	74
20 to 49 . . . . . farms		77	11	9	91	11	41	9	4
	number	2,063	306	262	2,620	398	1,228	225	94
50 to 99 . . . . . farms		21	4	2	30	1	15	4	4
	number	1,302	218	(D)	1,980	(D)	981	241	272
100 to 199 . . . . . farms		4	-	-	7	-	5	1	-
	number	455	-	-	957	-	639	(D)	-
200 to 499 . . . . . farms		1	-	-	1	-	2	1	-
	number	(D)	-	-	(D)	-	(D)	(D)	-
500 or more . . . . . farms		-	-	-	-	-	4	-	-
	number	-	-	-	-	-	3,200	-	-
Cattle, including calves weighing 500 pounds or more, sold . . . . . farms, 2002									
	1997	497	124	88	699	115	417	188	142
	number, 2002	599	187	128	866	131	542	235	203
	1997	57,443	3,779	30,137	62,742	20,353	27,847	13,055	15,150
		38,900	9,058	28,379	54,594	18,776	25,426	11,102	13,128
2002 farms by number sold:									
1 to 9 . . . . . farms		95	49	17	120	23	72	62	39
	number	436	(D)	94	582	97	411	312	192
10 to 19 . . . . . farms		106	18	7	127	23	75	37	30
	number	1,414	255	85	1,741	294	1,018	498	390
20 to 49 . . . . . farms		139	34	16	216	19	131	33	29
	number	4,243	981	482	6,707	577	4,053	1,032	840
50 to 99 . . . . . farms		65	18	14	106	22	65	13	22
	number	4,309	1,264	1,040	7,332	1,491	4,267	852	1,553
100 to 199 . . . . . farms		40	3	12	64	11	38	21	8
	number	5,500	(D)	1,742	8,369	1,430	4,998	2,820	1,155
200 to 499 . . . . . farms		34	1	9	38	7	30	19	8
	number	10,370	(D)	2,693	12,372	2,155	9,215	5,501	2,721
500 or more . . . . . farms		18	1	13	28	10	6	3	6
	number	31,171	(D)	24,001	25,639	14,309	3,885	2,040	8,299

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>INVENTORY - Con.</b>								
<b>Cattle and calves - Con.</b>								
Cattle on feed (see text) . . . . . farms, 2002	67	100	31	88	139	249	145	51
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	4,005	12,443	6,454	15,594	16,735	32,209	12,852	3,577
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9 . . . . . farms	13	7	3	6	17	31	37	11
number	56	42	(D)	34	61	156	191	71
10 to 19 . . . . . farms	8	14	2	3	10	19	16	3
number	118	208	(D)	38	140	256	235	41
20 to 49 . . . . . farms	21	24	10	25	37	61	36	15
number	632	763	279	671	1,291	1,867	1,096	(D)
50 to 99 . . . . . farms	13	20	-	14	39	53	20	12
number	862	1,362	-	1,088	2,955	3,318	1,390	771
100 to 199 . . . . . farms	8	15	5	13	18	41	26	9
number	1,112	2,084	780	1,842	2,579	5,393	3,465	1,027
200 to 499 . . . . . farms	4	16	8	17	12	32	6	-
number	1,225	4,543	2,671	4,726	3,709	9,694	1,769	-
500 or more . . . . . farms	-	4	3	10	6	12	4	1
number	-	3,441	2,681	7,195	6,000	11,525	4,706	(D)
<b>SALES</b>								
<b>Dairy products sold</b>								
farms, 2002	10	64	4	6	18	91	12	2
1997	7	110	7	2	25	134	20	13
\$1,000, 2002	3,726	6,756	(D)	5,412	1,653	10,960	1,377	(D)
1997	765	7,942	512	(D)	1,838	12,732	1,549	932
<b>Cattle and calves sold</b>								
farms, 2002	246	278	85	217	337	714	441	257
1997	314	392	125	310	451	874	538	363
number, 2002	13,359	20,897	11,684	30,394	29,785	64,891	30,111	11,584
1997	11,788	18,663	12,273	29,439	31,411	57,378	34,928	12,398
\$1,000, 2002	7,922	15,255	9,010	23,879	22,260	47,486	21,800	7,226
1997	5,628	11,956	8,371	20,304	20,436	36,586	24,016	6,370
2002 farms by number sold:								
1 to 9 . . . . . farms	48	50	19	25	44	94	89	56
number	237	282	92	133	246	485	401	321
10 to 19 . . . . . farms	52	45	6	29	55	131	70	52
number	752	630	84	379	768	1,875	1,011	735
20 to 49 . . . . . farms	76	78	24	68	127	225	138	90
number	2,266	2,297	645	2,044	4,087	6,916	4,371	2,898
50 to 99 . . . . . farms	36	59	13	31	54	110	73	38
number	2,369	3,869	877	2,213	3,769	7,315	4,836	2,612
100 to 199 . . . . . farms	20	21	7	25	26	84	48	12
number	2,683	3,007	1,016	3,280	3,828	11,507	6,228	1,688
200 to 499 . . . . . farms	12	20	11	21	22	48	17	8
number	(D)	6,195	4,022	6,650	6,409	13,084	4,664	(D)
500 or more . . . . . farms	2	5	5	18	9	22	6	1
number	(D)	4,617	4,948	15,695	10,678	23,709	8,600	(D)
<b>Calves weighing less than 500 pounds, sold</b>								
farms, 2002	89	71	20	38	95	205	129	110
1997	140	128	32	88	137	255	165	160
number, 2002	3,058	1,790	481	2,151	1,604	5,297	3,049	1,880
1997	4,174	3,482	665	3,140	3,221	7,354	3,772	3,386
2002 farms by number sold:								
1 to 9 . . . . . farms	39	28	7	18	39	58	42	55
number	176	130	(D)	56	(D)	(D)	170	(D)
10 to 19 . . . . . farms	17	18	4	5	29	46	32	22
number	235	265	56	53	401	602	426	303
20 to 49 . . . . . farms	21	18	7	6	22	83	37	26
number	648	452	157	170	645	2,422	1,069	742
50 to 99 . . . . . farms	9	2	-	3	4	10	15	5
number	532	(D)	-	167	264	669	965	290
100 to 199 . . . . . farms	-	4	2	3	1	6	3	2
number	-	533	(D)	350	(D)	904	419	(D)
200 to 499 . . . . . farms	2	1	-	2	-	2	-	-
number	(D)	(D)	-	(D)	-	(D)	-	-
500 or more . . . . . farms	1	-	-	1	-	-	-	-
number	(D)	-	-	(D)	-	-	-	-
<b>Cattle, including calves weighing 500 pounds or more, sold</b>								
farms, 2002	210	262	77	204	295	618	389	226
1997	237	341	114	264	390	739	453	275
number, 2002	10,301	19,107	11,203	28,243	28,181	59,594	27,062	9,704
1997	7,614	15,181	11,608	26,299	28,190	50,024	31,156	9,012
2002 farms by number sold:								
1 to 9 . . . . . farms	46	54	21	22	42	96	86	59
number	(D)	236	92	107	209	453	387	(D)
10 to 19 . . . . . farms	49	50	5	29	48	103	69	45
number	686	689	72	392	650	1,484	965	620
20 to 49 . . . . . farms	57	64	18	64	103	180	116	72
number	1,709	1,885	516	1,950	3,424	5,501	3,763	2,079
50 to 99 . . . . . farms	30	53	12	31	46	102	56	31
number	2,011	3,522	819	2,106	3,251	6,904	3,863	2,018
100 to 199 . . . . . farms	16	18	5	21	25	72	40	10
number	2,143	2,590	774	2,802	3,660	9,815	5,086	1,378
200 to 499 . . . . . farms	11	18	11	19	22	43	16	8
number	3,025	5,568	3,982	6,048	6,409	11,728	4,398	2,140
500 or more . . . . . farms	1	5	5	18	9	22	6	1
number	(D)	4,617	4,948	14,838	10,578	23,709	8,600	(D)

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>INVENTORY - Con.</b>								
Cattle and calves - Con.								
Cattle on feed (see text) . . . . . farms, 2002	117	184	108	100	90	156	46	28
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	7,712	25,219	8,271	17,193	4,653	13,193	2,526	4,717
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9 . . . . . farms	21	25	21	12	22	58	13	4
number	81	121	98	60	(D)	266	(D)	13
10 to 19 . . . . . farms	13	19	14	15	16	26	4	2
number	173	270	197	198	244	358	64	(D)
20 to 49 . . . . . farms	35	39	26	22	29	39	14	11
number	995	1,256	787	654	923	1,297	534	334
50 to 99 . . . . . farms	29	30	23	13	13	16	6	5
number	1,984	2,078	1,500	872	974	1,075	421	(D)
100 to 199 . . . . . farms	10	39	11	17	5	11	7	1
number	1,177	5,406	1,302	2,078	633	1,462	997	(D)
200 to 499 . . . . . farms	6	21	10	11	4	3	2	3
number	1,668	6,351	2,662	3,271	1,275	1,191	(D)	879
500 or more . . . . . farms	3	11	3	10	1	3	-	2
number	1,634	9,737	1,725	10,060	(D)	7,544	-	(D)
<b>SALES</b>								
Dairy products sold . . . . . farms, 2002								
1997	87	47	5	17	12	27	2	10
\$1,000, 2002	93	64	5	21	20	51	4	12
1997	5,527	5,860	838	(D)	1,821	3,049	(D)	276
	5,486	7,332	398	2,140	2,972	3,808	146	293
Cattle and calves sold . . . . . farms, 2002								
1997	433	415	335	261	319	426	129	343
number, 2002	587	563	418	325	397	626	177	465
1997	22,104	48,115	19,322	31,433	14,198	23,841	6,224	20,182
\$1,000, 2002	20,931	56,262	23,975	29,886	16,162	27,577	7,010	23,098
1997	15,080	37,842	13,302	25,087	9,113	17,090	4,022	11,989
	12,337	38,955	12,258	20,906	9,191	17,783	4,166	10,858
2002 farms by number sold:								
1 to 9 . . . . . farms	88	60	53	54	84	120	30	48
number	483	322	304	255	387	583	(D)	248
10 to 19 . . . . . farms	113	53	70	52	57	126	29	63
number	1,568	735	993	741	777	1,729	404	876
20 to 49 . . . . . farms	130	119	105	65	102	102	40	120
number	4,028	3,802	3,334	2,137	3,022	3,221	1,342	3,791
50 to 99 . . . . . farms	69	80	63	34	48	47	16	73
number	4,786	5,318	4,312	2,144	3,301	3,156	1,149	4,873
100 to 199 . . . . . farms	17	49	28	18	20	20	6	28
number	2,108	6,449	3,650	2,441	2,794	2,424	760	3,621
200 to 499 . . . . . farms	11	35	12	27	5	7	7	7
number	3,393	10,436	3,568	7,815	1,428	2,153	1,866	2,544
500 or more . . . . . farms	5	19	4	11	3	4	1	4
number	5,738	21,053	3,161	15,900	2,489	10,575	(D)	4,229
Calves weighing less than 500 pounds, sold . . . . . farms, 2002								
1997	145	94	124	69	117	107	43	151
number, 2002	214	167	186	71	155	237	60	226
1997	2,108	2,077	3,021	1,414	2,319	1,798	858	3,495
	3,613	3,679	4,191	2,288	3,959	3,800	1,154	6,776
2002 farms by number sold:								
1 to 9 . . . . . farms	70	27	40	26	55	56	25	52
number	385	115	193	(D)	213	(D)	105	233
10 to 19 . . . . . farms	52	30	31	17	23	26	3	31
number	671	354	396	223	294	333	43	378
20 to 49 . . . . . farms	19	28	37	20	24	13	11	51
number	512	901	1,157	594	578	369	308	1,567
50 to 99 . . . . . farms	2	6	12	4	12	11	2	14
number	(D)	377	757	242	762	676	(D)	917
100 to 199 . . . . . farms	-	3	4	2	3	1	2	3
number	-	330	518	(D)	472	(D)	(D)	400
200 to 499 . . . . . farms	2	-	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-	-
500 or more . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Cattle, including calves weighing 500 pounds or more, sold . . . . . farms, 2002								
1997	382	395	289	237	287	389	113	297
number, 2002	499	481	316	284	322	508	144	353
1997	19,996	46,038	16,301	30,019	11,879	22,043	5,366	16,687
	17,318	52,583	19,784	27,598	12,203	23,777	5,856	16,322
2002 farms by number sold:								
1 to 9 . . . . . farms	96	69	63	54	95	124	27	61
number	486	330	330	252	(D)	563	(D)	314
10 to 19 . . . . . farms	81	45	57	44	47	110	30	61
number	1,141	648	795	596	612	1,505	415	833
20 to 49 . . . . . farms	109	116	81	61	88	87	29	94
number	3,273	3,659	2,534	1,924	2,686	2,726	1,012	2,834
50 to 99 . . . . . farms	64	68	51	26	32	41	14	48
number	4,370	4,620	3,455	1,728	2,177	2,748	1,035	3,218
100 to 199 . . . . . farms	18	46	22	14	17	17	7	22
number	2,195	6,097	2,808	1,969	2,250	2,073	945	2,728
200 to 499 . . . . . farms	9	32	11	27	6	6	5	7
number	2,793	9,681	3,218	7,650	1,878	1,853	1,261	2,531
500 or more . . . . . farms	5	19	4	11	2	4	1	4
number	5,738	21,003	3,161	15,900	(D)	10,575	(D)	4,229

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>INVENTORY - Con.</b>								
Cattle and calves - Con.								
Cattle on feed (see text) . . . . . farms, 2002	178	48	119	55	81	25	127	48
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	47,885	4,472	20,231	3,485	8,426	2,125	25,525	11,263
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9 . . . . . farms	3	13	11	12	14	6	14	5
number	13	39	53	43	70	46	54	21
10 to 19 . . . . . farms	22	3	6	13	13	1	9	4
number	299	38	77	160	168	(D)	103	59
20 to 49 . . . . . farms	25	9	16	9	12	8	20	14
number	827	(D)	489	294	391	215	613	433
50 to 99 . . . . . farms	36	8	31	5	22	7	17	9
number	2,338	569	1,959	371	1,436	496	1,124	571
100 to 199 . . . . . farms	28	10	29	12	11	1	23	9
number	3,771	1,345	4,115	1,589	1,436	(D)	3,438	1,256
200 to 499 . . . . . farms	43	3	18	4	6	-	28	4
number	13,774	844	5,118	1,028	1,467	-	9,000	1,348
500 or more . . . . . farms	21	2	8	-	3	2	16	3
number	26,863	(D)	8,420	-	3,458	(D)	11,193	7,575
<b>SALES</b>								
Dairy products sold . . . . . farms, 2002								
1997	43	1	11	13	2	-	60	5
\$1,000, 2002	11,645	(D)	(D)	1,079	(D)	3	4,524	120
1997	8,696	(D)	1,823	1,518	1,807	137	6,192	263
Cattle and calves sold . . . . . farms, 2002								
1997	461	425	333	336	200	123	252	197
number, 2002	535	593	445	480	335	189	322	282
1997	94,331	22,946	39,284	14,825	16,334	7,230	53,634	33,857
\$1,000, 2002	76,933	24,204	38,135	19,281	19,004	9,399	45,001	33,222
1997	73,927	14,008	29,551	9,200	(D)	4,584	38,172	25,397
1997	51,243	12,254	24,634	9,756	12,802	5,467	30,847	21,688
2002 farms by number sold:								
1 to 9 . . . . . farms	38	63	45	69	43	21	33	18
number	195	349	225	258	215	116	156	98
10 to 19 . . . . . farms	65	75	50	72	37	13	33	32
number	902	1,016	679	1,003	505	178	422	463
20 to 49 . . . . . farms	122	145	119	97	54	50	51	54
number	3,712	4,592	3,691	3,019	1,665	1,505	1,659	1,751
50 to 99 . . . . . farms	66	87	42	65	27	36	41	41
number	4,495	5,937	2,724	4,619	2,499	1,920	2,618	2,744
100 to 199 . . . . . farms	55	39	40	26	18	7	25	25
number	7,351	5,045	5,829	3,433	2,400	910	3,347	3,269
200 to 499 . . . . . farms	70	13	21	6	5	3	35	17
number	19,660	3,633	6,032	(D)	1,674	(D)	9,937	4,982
500 or more . . . . . farms	45	3	16	1	7	2	34	10
number	58,016	2,374	20,104	(D)	7,376	(D)	35,495	20,550
Calves weighing less than 500 pounds, sold . . . . . farms, 2002								
1997	90	170	94	147	58	52	66	51
number, 2002	129	249	152	208	91	69	86	88
1997	4,190	2,908	1,644	2,837	1,058	1,156	4,778	1,810
1997	4,576	5,333	5,800	5,166	1,991	1,791	6,639	3,183
2002 farms by number sold:								
1 to 9 . . . . . farms	25	73	31	56	29	17	21	18
number	(D)	(D)	144	242	156	74	88	(D)
10 to 19 . . . . . farms	27	43	27	27	14	13	13	15
number	335	601	350	347	180	172	157	210
20 to 49 . . . . . farms	20	41	32	50	12	19	18	10
number	614	1,158	920	1,396	335	610	513	294
50 to 99 . . . . . farms	9	12	4	14	2	-	5	3
number	568	715	230	852	(D)	-	289	165
100 to 199 . . . . . farms	4	1	-	-	-	3	2	3
number	520	(D)	-	-	-	300	(D)	361
200 to 499 . . . . . farms	4	-	-	-	1	-	5	2
number	1,436	-	-	-	(D)	-	1,256	(D)
500 or more . . . . . farms	1	-	-	-	-	-	2	-
number	(D)	-	-	-	-	-	(D)	-
Cattle, including calves weighing 500 pounds or more, sold . . . . . farms, 2002								
1997	435	382	296	288	183	102	233	180
number, 2002	466	463	377	390	286	147	286	246
1997	90,141	20,038	37,640	11,988	15,276	6,074	48,856	32,047
1997	72,357	18,871	32,335	14,115	17,013	7,608	38,362	30,039
2002 farms by number sold:								
1 to 9 . . . . . farms	43	67	57	75	48	22	39	16
number	223	330	260	(D)	222	121	197	96
10 to 19 . . . . . farms	61	75	39	57	29	17	31	26
number	812	1,018	510	793	379	(D)	415	357
20 to 49 . . . . . farms	113	121	86	83	44	32	38	52
number	3,454	3,800	2,626	2,438	1,390	933	1,198	1,633
50 to 99 . . . . . farms	56	72	38	43	33	22	39	40
number	3,773	4,779	2,450	2,954	2,283	1,573	2,514	2,693
100 to 199 . . . . . farms	52	31	39	23	17	4	22	23
number	6,866	4,104	5,678	3,022	2,241	609	3,019	3,031
200 to 499 . . . . . farms	67	13	21	6	6	3	31	14
number	18,625	3,633	6,012	1,672	1,998	767	8,719	4,212
500 or more . . . . . farms	43	3	16	1	6	2	33	9
number	56,388	2,374	20,104	(D)	6,763	(D)	32,794	20,025

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Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>INVENTORY - Con.</b>								
Cattle and calves - Con.								
Cattle on feed (see text) farms, 2002	41	50	82	122	66	75	69	145
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	4,670	9,834	4,651	23,419	14,724	10,155	11,313	27,626
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9 farms	3	11	15	17	12	10	21	14
number	23	48	88	74	49	55	81	66
10 to 19 farms	4	9	15	17	7	7	3	15
number	55	115	209	240	90	105	43	194
20 to 49 farms	5	9	25	20	8	16	9	28
number	123	310	748	584	239	471	256	899
50 to 99 farms	13	7	14	21	10	15	8	33
number	(D)	444	882	1,531	781	1,049	598	2,328
100 to 199 farms	10	3	10	18	9	9	11	16
number	1,203	494	1,550	2,671	1,236	1,162	1,438	2,368
200 to 499 farms	5	4	2	16	13	12	11	22
number	1,292	1,250	(D)	4,496	4,053	3,672	3,640	6,740
500 or more farms	1	7	(D)	13	7	6	6	17
number	(D)	7,173	(D)	13,823	8,276	3,641	5,257	15,031
<b>SALES</b>								
Dairy products sold								
farms, 2002	8	3	12	11	14	9	8	25
1997	8	3	16	18	24	3	8	29
\$1,000, 2002	1,755	488	1,666	1,089	(D)	287	641	7,790
1997	1,212	378	1,800	1,391	3,305	(D)	429	3,189
Cattle and calves sold								
farms, 2002	356	214	221	247	146	367	174	421
1997	439	288	300	288	200	473	191	639
number, 2002	29,561	25,387	9,987	47,100	33,086	26,538	21,278	59,335
1997	25,840	22,597	11,536	35,730	33,662	25,529	19,127	70,669
\$1,000, 2002	16,625	17,812	6,845	35,190	25,564	17,363	16,287	43,475
1997	12,650	14,110	7,703	23,385	23,590	15,348	14,071	49,530
2002 farms by number sold:								
1 to 9 farms	36	28	59	31	23	31	51	50
number	173	157	324	157	128	166	245	240
10 to 19 farms	71	43	44	34	20	72	20	52
number	951	591	622	463	267	1,025	263	723
20 to 49 farms	105	63	62	65	17	126	37	116
number	3,267	1,919	1,830	2,002	554	3,988	1,116	3,748
50 to 99 farms	71	43	35	39	24	78	27	87
number	4,952	3,067	2,294	2,593	1,813	5,127	1,979	5,995
100 to 199 farms	43	19	12	29	16	35	14	43
number	5,638	2,460	1,683	4,015	2,201	4,498	2,022	5,546
200 to 499 farms	20	10	8	27	26	15	15	42
number	5,840	3,097	(D)	8,345	8,148	4,703	4,389	11,724
500 or more farms	10	8	1	22	14	10	10	31
number	8,740	14,096	(D)	29,525	19,975	7,031	11,264	31,359
Calves weighing less than 500 pounds, sold								
farms, 2002	152	77	85	40	37	144	28	125
1997	207	110	113	67	38	183	42	194
number, 2002	3,988	1,681	1,977	1,742	4,029	3,209	381	7,864
1997	5,619	2,567	2,371	2,542	1,312	4,278	548	6,734
2002 farms by number sold:								
1 to 9 farms	51	31	29	13	8	44	19	41
number	232	(D)	(D)	(D)	28	(D)	93	(D)
10 to 19 farms	36	16	30	11	6	41	2	25
number	455	226	388	139	(D)	529	(D)	310
20 to 49 farms	47	22	17	10	2	41	5	40
number	1,440	693	509	285	(D)	1,199	129	1,207
50 to 99 farms	15	7	7	1	9	17	2	12
number	1,011	497	435	(D)	648	1,015	(D)	759
100 to 199 farms	1	1	1	4	7	-	-	2
number	(D)	(D)	(D)	665	740	-	-	(D)
200 to 499 farms	1	-	1	-	3	1	-	-
number	(D)	-	(D)	-	895	(D)	-	-
500 or more farms	1	-	-	1	2	-	-	5
number	(D)	-	-	(D)	(D)	-	-	5,121
Cattle, including calves weighing 500 pounds or more, sold								
farms, 2002	304	191	187	233	128	322	161	364
1997	346	234	251	252	179	374	171	525
number, 2002	25,573	23,706	8,010	45,358	29,057	23,329	20,897	51,471
1997	20,221	20,030	9,165	33,188	32,350	21,251	18,579	63,935
2002 farms by number sold:								
1 to 9 farms	57	34	57	30	22	40	47	43
number	262	197	(D)	144	105	201	235	193
10 to 19 farms	55	32	36	31	16	63	18	47
number	744	418	486	423	205	895	237	636
20 to 49 farms	71	55	55	59	19	105	32	93
number	2,196	1,692	1,680	1,831	609	3,224	965	3,032
50 to 99 farms	54	40	23	37	21	63	26	74
number	3,791	2,700	1,597	2,429	1,533	4,287	1,962	5,049
100 to 199 farms	38	13	8	31	15	26	13	39
number	4,775	1,737	1,173	4,293	1,969	3,288	1,845	5,087
200 to 499 farms	19	9	7	24	24	16	15	41
number	5,565	2,866	1,964	7,213	7,873	5,053	4,389	11,243
500 or more farms	10	8	1	21	11	9	10	27
number	8,240	14,096	(D)	29,025	16,763	6,381	11,264	26,231

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>INVENTORY - Con.</b>								
Cattle and calves - Con.								
Cattle on feed (see text) farms, 2002	40	44	133	94	33	63	104	98
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	7,448	2,128	32,734	7,683	4,570	15,713	10,099	12,309
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9 farms	3	13	17	12	4	11	22	10
number	17	53	83	37	6	43	92	56
10 to 19 farms	5	10	16	6	3	10	27	12
number	75	129	187	94	39	141	349	169
20 to 49 farms	9	11	26	23	4	9	20	22
number	266	336	812	(D)	100	314	624	673
50 to 99 farms	7	4	19	30	8	5	11	25
number	508	325	1,244	2,191	497	317	791	1,713
100 to 199 farms	6	3	21	15	8	10	6	15
number	830	360	2,624	1,925	947	1,300	785	1,988
200 to 499 farms	5	3	16	7	3	5	14	8
number	1,615	925	4,579	1,793	931	1,327	4,608	2,040
500 or more farms	5	-	18	1	3	13	4	6
number	4,137	-	23,205	(D)	2,050	12,271	2,850	5,670
<b>SALES</b>								
Dairy products sold farms, 2002	11	5	2	6	16	4	9	8
1997	6	3	7	8	8	9	21	8
\$1,000, 2002	(D)	267	(D)	1,258	356	749	(D)	325
1997	681	260	367	2,286	264	1,057	1,351	494
Cattle and calves sold farms, 2002	115	133	423	375	363	201	216	318
1997	140	192	589	467	418	292	294	442
number, 2002	15,446	6,807	60,880	22,326	24,727	44,099	16,789	28,317
1997	10,820	7,513	68,476	21,947	22,673	47,067	13,984	37,779
\$1,000, 2002	11,273	4,500	45,032	14,419	14,280	33,719	12,429	20,330
1997	7,134	4,474	47,111	12,613	11,037	33,281	9,383	27,346
2002 farms by number sold:								
1 to 9 farms	25	40	74	46	44	27	53	50
number	135	192	395	239	211	134	268	293
10 to 19 farms	22	23	73	57	57	42	48	49
number	294	288	1,012	783	796	580	654	671
20 to 49 farms	18	38	127	140	106	75	54	110
number	564	1,030	4,066	4,731	3,157	2,303	1,590	3,408
50 to 99 farms	19	14	61	82	95	16	23	58
number	1,292	920	4,302	5,648	6,535	1,051	1,513	3,885
100 to 199 farms	12	10	41	34	33	13	17	30
number	1,574	1,231	5,124	4,304	4,233	1,691	2,234	3,680
200 to 499 farms	11	6	21	11	22	11	12	13
number	3,739	(D)	6,854	3,401	6,021	3,214	3,502	4,075
500 or more farms	8	2	26	5	6	17	9	8
number	7,848	(D)	39,127	3,220	3,774	35,126	7,028	12,305
Calves weighing less than 500 pounds,								
sold farms, 2002	19	41	120	111	147	50	52	82
1997	38	59	168	153	172	68	90	112
number, 2002	1,476	865	2,485	2,424	3,454	984	915	1,629
1997	1,426	1,290	4,259	3,742	5,204	2,763	2,326	2,524
2002 farms by number sold:								
1 to 9 farms	11	21	52	40	47	16	24	31
number	(D)	79	(D)	(D)	(D)	(D)	102	161
10 to 19 farms	2	9	35	29	35	15	11	23
number	(D)	128	458	360	437	184	149	309
20 to 49 farms	-	7	15	28	52	15	13	23
number	-	186	452	961	1,455	438	356	718
50 to 99 farms	4	2	16	12	8	3	4	3
number	(D)	(D)	1,037	742	534	175	308	(D)
100 to 199 farms	1	2	2	2	4	1	-	2
number	(D)	(D)	(D)	(D)	545	(D)	-	(D)
200 to 499 farms	-	-	-	-	1	-	-	-
number	-	-	-	-	(D)	-	-	-
500 or more farms	1	-	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-	-
Cattle, including calves weighing 500 pounds								
or more, sold farms, 2002	106	121	378	334	325	179	198	277
1997	119	163	503	377	326	247	246	380
number, 2002	13,970	5,942	58,395	19,902	21,273	43,115	15,874	26,688
1997	9,394	6,223	64,217	18,205	17,469	44,304	11,658	35,255
2002 farms by number sold:								
1 to 9 farms	24	41	67	48	54	28	51	46
number	121	(D)	285	247	259	134	245	272
10 to 19 farms	18	19	59	62	52	37	46	36
number	237	234	804	886	725	513	617	479
20 to 49 farms	19	32	122	108	92	61	43	96
number	619	906	3,793	3,585	2,790	1,809	1,233	3,015
50 to 99 farms	17	16	51	71	71	15	22	50
number	1,192	1,134	3,608	4,869	4,852	1,009	1,457	3,369
100 to 199 farms	9	7	33	29	33	10	17	28
number	1,214	812	4,158	3,714	4,196	1,310	2,280	3,453
200 to 499 farms	11	4	20	11	17	11	10	13
number	3,739	1,025	6,620	3,401	4,683	3,214	3,014	3,795
500 or more farms	8	2	26	5	6	17	9	8
number	6,848	(D)	39,127	3,200	3,768	35,126	7,028	12,305

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren	
<b>INVENTORY - Con.</b>									
Cattle and calves - Con.									
Cattle on feed (see text)	farms, 2002 1997 number, 2002 1997	281 (NA) 149,408 (NA)	56 (NA) 5,571 (NA)	107 (NA) 7,443 (NA)	48 (NA) 2,943 (NA)	47 (NA) 4,848 (NA)	32 (NA) 2,857 (NA)	29 (NA) 1,344 (NA)	62 (NA) 6,298 (NA)
2002 farms by inventory:									
1 to 9	farms number	11 (D)	10 (D)	18 87	5 (D)	7 22	5 20	14 88	19 (D)
10 to 19	farms number	13 161	6 89	13 (D)	9 126	4 54	3 36	3 36	2 (D)
20 to 49	farms number	34 943	18 531	36 1,046	17 630	9 299	5 (D)	2 (D)	14 359
50 to 99	farms number	34 2,330	12 928	22 1,384	11 785	6 466	11 674	5 350	13 912
100 to 199	farms number	41 5,761	1 (D)	11 1,361	2 (D)	18 2,391	5 680	4 526	10 1,420
200 to 499	farms number	76 24,676	5 1,391	5 1,385	4 1,110	2 (D)	2 (D)	1 (D)	2 (D)
500 or more	farms number	72 115,498	4 2,480	2 (D)	- -	1 (D)	1 (D)	- -	2 (D)
<b>SALES</b>									
Dairy products sold	farms, 2002 1997 \$1,000, 2002 1997	99 117 47,304 25,068	7 7 1,179 2,899	21 22 1,775 2,598	5 4 (D) 373	5 1 (D) (D)	21 20 1,890 1,504	5 6 (D) 796	10 13 591 778
Cattle and calves sold	farms, 2002 1997 number, 2002 1997 \$1,000, 2002 1997	611 727 296,691 247,904 234,351 173,485	150 215 13,024 15,484 9,511 10,431	417 511 23,490 23,446 14,717 14,336	347 446 19,742 20,658 11,389 9,587	327 423 25,251 20,775 14,834 9,771	343 474 15,877 15,893 9,352 6,796	274 396 10,232 12,948 5,857 6,676	434 627 18,975 21,572 11,858 11,836
2002 farms by number sold:									
1 to 9	farms number	55 316	42 227	61 311	35 196	52 244	70 367	60 280	89 446
10 to 19	farms number	58 784	31 417	79 1,104	61 873	40 539	57 776	67 905	104 1,392
20 to 49	farms number	110 3,550	36 1,098	142 4,401	132 4,286	103 3,394	122 3,920	103 3,332	135 4,296
50 to 99	farms number	88 6,139	16 1,088	81 5,500	78 5,298	60 4,281	67 4,615	28 1,927	71 4,647
100 to 199	farms number	77 10,939	9 1,337	34 4,277	26 3,429	45 5,937	18 2,310	12 1,553	24 3,051
200 to 499	farms number	100 29,900	9 2,893	14 3,619	11 2,760	21 6,170	7 (D)	3 (D)	10 (D)
500 or more	farms number	123 245,063	7 5,964	6 4,278	4 2,900	6 4,686	2 (D)	1 (D)	1 (D)
Calves weighing less than 500 pounds, sold	farms, 2002 1997 number, 2002 1997	120 184 14,369 14,761	44 58 1,205 1,353	152 163 5,258 3,197	132 174 2,434 5,219	122 171 3,249 6,347	165 238 3,566 5,950	134 189 2,232 3,346	183 251 3,146 4,731
2002 farms by number sold:									
1 to 9	farms number	31 151	20 84	41 (D)	54 (D)	40 155	53 264	62 (D)	84 372
10 to 19	farms number	13 156	7 85	41 576	32 417	28 373	48 634	26 328	44 548
20 to 49	farms number	30 972	8 219	48 1,448	36 1,011	40 1,231	51 1,596	40 1,151	44 1,221
50 to 99	farms number	16 1,096	6 383	17 1,075	9 548	10 542	9 622	5 315	6 405
100 to 199	farms number	17 2,026	3 434	2 (D)	- (D)	2 (D)	4 450	1 (D)	5 600
200 to 499	farms number	4 1,240	- -	- -	1 (D)	1 (D)	- -	- -	- -
500 or more	farms number	9 8,728	- -	3 1,700	- -	1 (D)	- -	- -	- -
Cattle, including calves weighing 500 pounds or more, sold	farms, 2002 1997 number, 2002 1997	566 636 282,322 233,143	140 188 11,819 14,141	350 409 18,232 20,249	315 350 17,308 15,439	287 331 22,002 14,428	282 370 12,311 9,943	233 295 8,000 9,602	372 504 15,829 16,841
2002 farms by number sold:									
1 to 9	farms number	51 271	47 240	63 300	50 264	49 201	72 (D)	86 (D)	99 (D)
10 to 19	farms number	62 850	26 323	69 942	63 874	36 477	53 684	44 599	71 909
20 to 49	farms number	97 3,051	33 1,038	108 3,392	100 3,355	88 2,859	92 2,870	67 2,129	118 3,673
50 to 99	farms number	83 5,854	14 942	63 4,011	67 4,531	50 3,473	42 2,855	22 1,568	58 3,885
100 to 199	farms number	61 8,973	5 702	31 3,743	21 2,849	43 5,691	14 1,777	10 1,217	16 2,014
200 to 499	farms number	99 29,898	8 2,610	13 3,335	10 2,535	16 5,156	7 1,977	3 895	9 2,269
500 or more	farms number	113 233,425	7 5,964	3 2,509	4 2,900	5 4,145	2 (D)	1 (D)	1 (D)

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>INVENTORY - Con.</b>								
Cattle and calves - Con.								
Cattle on feed (see text) . . . . . farms, 2002	89	41	28	36	248	107	56	29
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	6,359	3,889	1,054	1,742	21,010	26,118	2,387	2,038
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002 farms by inventory:								
1 to 9 . . . . . farms	8	7	11	14	18	16	10	8
number	43	25	50	65	(D)	62	(D)	39
10 to 19 . . . . . farms	20	-	4	8	31	9	10	5
number	(D)	-	(D)	(D)	413	132	139	(D)
20 to 49 . . . . . farms	26	6	5	5	61	25	25	8
number	773	154	194	142	2,024	698	764	244
50 to 99 . . . . . farms	15	14	7	3	75	17	5	2
number	1,141	1,095	496	211	5,025	1,208	345	(D)
100 to 199 . . . . . farms	14	7	-	5	33	14	4	5
number	1,875	1,025	-	619	4,560	1,963	575	650
200 to 499 . . . . . farms	4	7	1	-	28	12	2	-
number	1,240	1,590	(D)	-	7,571	3,579	(D)	-
500 or more . . . . . farms	2	-	-	1	2	14	-	1
number	(D)	-	-	(D)	(D)	18,476	-	(D)
<b>SALES</b>								
Dairy products sold . . . . . farms, 2002								
1997	49	23	3	9	239	4	11	2
\$1,000, 2002	50	11	4	19	324	5	12	3
1997	2,471	606	611	752	36,334	(D)	758	(D)
Cattle and calves sold . . . . . farms, 2002								
1997	338	367	108	79	711	348	120	89
number, 2002	399	466	211	115	881	537	183	111
1997	15,382	23,376	4,050	4,679	45,521	60,533	4,895	4,489
\$1,000, 2002	16,813	22,848	9,273	4,572	37,234	60,033	7,129	7,261
1997	10,202	13,125	(D)	3,036	30,128	47,500	3,673	3,093
1997	9,875	10,423	5,764	3,455	20,958	40,926	4,407	4,974
2002 farms by number sold:								
1 to 9 . . . . . farms	81	39	36	24	100	59	29	21
number	391	211	(D)	119	467	331	135	(D)
10 to 19 . . . . . farms	59	66	19	28	116	62	26	20
number	850	936	256	370	1,633	880	361	262
20 to 49 . . . . . farms	113	107	33	8	232	99	42	34
number	3,545	3,550	1,094	216	7,566	3,154	1,297	1,102
50 to 99 . . . . . farms	42	93	12	12	142	54	11	5
number	2,849	6,418	776	755	9,472	3,803	860	335
100 to 199 . . . . . farms	31	43	6	3	72	28	6	4
number	4,110	5,864	842	365	10,009	4,061	876	650
200 to 499 . . . . . farms	11	15	1	2	44	25	6	4
number	(D)	3,747	(D)	(D)	11,520	6,937	1,366	(D)
500 or more . . . . . farms	1	4	1	2	5	21	-	1
number	(D)	2,650	(D)	(D)	4,854	41,367	-	(D)
Calves weighing less than 500 pounds, sold . . . . . farms, 2002								
1997	131	163	37	19	227	111	30	26
number, 2002	143	197	68	38	321	157	34	32
1997	2,163	3,952	577	545	6,902	2,334	277	328
1997	3,293	6,204	2,091	545	8,850	5,081	981	605
2002 farms by number sold:								
1 to 9 . . . . . farms	57	57	16	13	56	48	15	14
number	281	(D)	(D)	(D)	262	(D)	74	58
10 to 19 . . . . . farms	30	44	8	3	67	22	12	7
number	421	594	110	31	842	295	143	92
20 to 49 . . . . . farms	40	36	12	2	70	25	3	5
number	1,163	998	334	(D)	1,987	682	60	178
50 to 99 . . . . . farms	4	20	1	-	20	14	-	-
number	298	1,324	(D)	-	1,306	846	-	-
100 to 199 . . . . . farms	-	5	-	-	10	2	-	-
number	-	616	-	-	1,336	(D)	-	-
200 to 499 . . . . . farms	-	1	-	1	4	-	-	-
number	-	(D)	-	(D)	1,169	-	-	-
500 or more . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Cattle, including calves weighing 500 pounds or more, sold . . . . . farms, 2002								
1997	277	322	92	71	645	311	113	77
number, 2002	326	369	173	101	747	447	165	96
1997	13,219	19,424	3,473	4,134	38,619	58,199	4,618	4,161
1997	13,520	16,444	7,182	4,027	28,384	54,952	6,148	6,656
2002 farms by number sold:								
1 to 9 . . . . . farms	73	58	32	19	122	57	28	21
number	(D)	279	(D)	84	584	241	121	102
10 to 19 . . . . . farms	52	41	18	29	97	54	24	16
number	723	569	244	383	1,363	761	333	(D)
20 to 49 . . . . . farms	77	96	25	4	209	85	38	26
number	2,365	2,956	811	110	6,601	2,774	1,105	821
50 to 99 . . . . . farms	33	78	10	12	114	46	11	5
number	2,245	5,311	637	738	7,496	3,202	860	331
100 to 199 . . . . . farms	30	31	5	3	62	26	8	4
number	3,939	4,112	724	365	8,746	3,661	1,239	650
200 to 499 . . . . . farms	11	14	1	2	37	22	4	4
number	2,977	3,547	(D)	(D)	9,485	6,200	960	841
500 or more . . . . . farms	1	4	1	2	4	21	-	1
number	(D)	2,650	(D)	(D)	4,344	41,360	-	(D)

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>SALES - Con.</b>							
Cattle and calves sold - Con.							
Cattle, including calves weighing 500 pounds or more, sold - Con.							
Cattle on feed sold (see text) . . . . . farms, 2002	10,386	138	53	132	39	86	162
1997	13,372	174	77	128	42	114	251
number, 2002	1,806,291	17,888	10,950	8,407	3,782	19,711	18,757
1997	1,678,146	22,670	10,735	5,439	3,956	25,000	26,697
2002 farms by number sold:							
1 to 9 . . . . . farms	2,072	16	9	29	16	17	34
number	9,080	72	41	125	65	89	137
10 to 19 . . . . . farms	1,287	8	5	16	6	11	37
number	17,481	111	66	212	77	153	467
20 to 49 . . . . . farms	2,314	35	11	33	4	16	33
number	74,189	1,235	337	970	128	520	1,038
50 to 99 . . . . . farms	1,645	27	12	29	7	13	26
number	113,471	1,807	762	1,946	(D)	852	1,739
100 to 199 . . . . . farms	1,246	20	7	17	2	10	18
number	169,867	2,575	1,110	2,312	(D)	1,493	2,332
200 to 499 . . . . . farms	1,060	29	3	8	3	10	6
number	317,199	8,355	720	2,842	1,280	2,886	1,964
500 or more . . . . . farms	762	3	6	-	-	9	8
number	1,105,004	3,733	7,914	-	(D)	13,718	11,080
Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>SALES - Con.</b>							
Cattle and calves sold - Con.							
Cattle, including calves weighing 500 pounds or more, sold - Con.							
Cattle on feed sold (see text) . . . . . farms, 2002	85	48	143	172	58	126	50
1997	124	72	202	196	90	180	87
number, 2002	7,559	10,918	7,065	10,794	16,697	10,478	15,383
1997	8,831	10,503	6,947	10,955	21,928	11,130	16,889
2002 farms by number sold:							
1 to 9 . . . . . farms	23	15	38	50	13	24	9
number	(D)	63	(D)	218	63	94	(D)
10 to 19 . . . . . farms	9	5	25	26	7	22	7
number	122	77	334	374	99	290	104
20 to 49 . . . . . farms	24	8	50	44	9	31	10
number	677	257	1,557	1,370	293	1,086	289
50 to 99 . . . . . farms	15	4	12	24	8	30	8
number	1,029	303	801	1,669	623	2,164	565
100 to 199 . . . . . farms	9	4	10	19	7	9	2
number	1,048	556	1,354	2,604	904	1,192	(D)
200 to 499 . . . . . farms	2	4	7	4	8	7	6
number	(D)	1,236	2,068	1,209	2,255	2,255	1,633
500 or more . . . . . farms	3	8	1	5	6	3	8
number	3,850	8,426	(D)	3,350	12,460	3,397	12,463
Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>SALES - Con.</b>							
Cattle and calves sold - Con.							
Cattle, including calves weighing 500 pounds or more, sold - Con.							
Cattle on feed sold (see text) . . . . . farms, 2002	143	115	123	74	167	141	47
1997	179	158	195	76	171	206	75
number, 2002	89,552	34,135	10,524	4,573	41,968	20,510	4,258
1997	79,761	23,237	14,676	4,865	32,214	19,205	4,906
2002 farms by number sold:							
1 to 9 . . . . . farms	9	14	29	30	25	29	12
number	36	62	125	113	105	166	(D)
10 to 19 . . . . . farms	8	16	19	11	16	24	1
number	130	219	263	(D)	219	357	(D)
20 to 49 . . . . . farms	27	23	35	12	27	37	18
number	882	745	1,092	364	841	1,131	633
50 to 99 . . . . . farms	16	19	21	12	26	14	9
number	1,150	1,296	1,480	868	1,792	924	661
100 to 199 . . . . . farms	28	15	11	4	23	15	3
number	3,863	2,000	1,514	430	3,159	2,062	381
200 to 499 . . . . . farms	21	15	5	3	25	14	1
number	6,787	4,624	1,585	648	6,776	4,086	(D)
500 or more . . . . . farms	34	13	3	2	25	8	3
number	76,704	25,189	4,465	(D)	29,076	11,784	2,275

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur	
<b>SALES - Con.</b>								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) . . . . . farms, 2002	56	206	227	141	46	62	43	
1997	77	253	307	229	85	54	41	
number, 2002	11,224	18,590	28,340	27,147	11,433	5,153	7,048	
1997	12,213	9,751	44,762	28,959	13,486	2,952	3,465	
2002 farms by number sold:								
1 to 9 . . . . . farms	12	31	43	20	15	30	16	
number	50	145	183	73	(D)	110	69	
10 to 19 . . . . . farms	7	33	35	18	2	7	8	
number	84	423	480	264	(D)	(D)	100	
20 to 49 . . . . . farms	10	61	43	23	11	12	7	
number	336	1,966	1,345	762	313	391	(D)	
50 to 99 . . . . . farms	5	36	34	32	5	2	3	
number	361	2,515	2,361	2,167	380	(D)	192	
100 to 199 . . . . . farms	7	19	31	12	5	5	5	
number	989	2,319	4,268	1,731	577	735	699	
200 to 499 . . . . . farms	8	22	26	22	4	4	1	
number	2,934	6,160	7,665	6,831	1,148	1,305	(D)	
500 or more . . . . . farms	7	4	15	14	4	2	3	
number	6,470	5,062	12,038	15,319	8,932	(D)	5,510	
Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>SALES - Con.</b>								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) . . . . . farms, 2002	249	37	52	343	49	187	103	68
1997	293	84	60	419	68	279	131	105
number, 2002	39,305	1,199	26,174	48,180	16,018	15,412	9,413	10,794
1997	24,928	6,392	21,768	37,750	15,955	14,823	8,058	9,838
2002 farms by number sold:								
1 to 9 . . . . . farms	43	19	8	37	11	33	32	15
number	203	(D)	(D)	200	29	167	161	82
10 to 19 . . . . . farms	41	2	2	44	7	23	13	11
number	592	(D)	(D)	633	96	264	160	152
20 to 49 . . . . . farms	64	10	10	92	3	44	16	8
number	2,107	360	261	2,924	99	1,400	527	206
50 to 99 . . . . . farms	30	5	7	69	5	39	11	14
number	2,147	360	484	4,872	319	2,467	739	953
100 to 199 . . . . . farms	34	-	7	40	7	27	16	7
number	4,705	-	1,021	5,404	948	3,553	2,114	977
200 to 499 . . . . . farms	26	1	6	35	7	17	12	8
number	7,877	(D)	1,597	11,387	2,140	4,731	3,672	2,725
500 or more . . . . . farms	11	-	12	26	9	4	3	5
number	21,674	-	22,748	22,760	12,387	2,830	2,040	5,699
Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>SALES - Con.</b>								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) . . . . . farms, 2002	30	65	87	67	40	66	86	66
1997	45	80	119	89	49	104	124	104
number, 2002	9,053	20,940	17,802	21,993	3,214	6,683	13,313	11,240
1997	19,368	11,561	20,985	14,994	2,350	8,515	10,024	10,264
2002 farms by number sold:								
1 to 9 . . . . . farms	3	23	25	22	17	22	28	10
number	17	89	140	107	75	117	104	44
10 to 19 . . . . . farms	3	7	12	10	10	10	10	5
number	(D)	91	175	140	137	148	133	68
20 to 49 . . . . . farms	10	5	11	14	2	15	16	15
number	362	208	303	362	(D)	491	539	514
50 to 99 . . . . . farms	5	12	13	5	6	2	6	9
number	320	839	919	412	429	(D)	460	606
100 to 199 . . . . . farms	1	5	10	9	2	7	10	6
number	(D)	608	1,436	1,306	(D)	1,051	1,612	790
200 to 499 . . . . . farms	4	3	9	3	-	8	5	15
number	1,222	785	2,405	706	-	2,906	1,231	4,132
500 or more . . . . . farms	4	10	7	4	3	2	11	6
number	6,990	18,320	12,424	18,960	2,307	(D)	9,234	5,086

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>SALES - Con.</b>								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) . . . . . farms, 2002	82	117	37	105	141	279	176	58
1997	82	162	46	125	169	347	192	89
number, 2002	4,813	11,857	6,569	20,917	20,221	39,546	18,265	4,489
1997	3,974	10,089	8,748	19,223	16,581	31,546	22,216	3,788
2002 farms by number sold:								
1 to 9 . . . . . farms	20	20	7	6	24	40	42	10
number	(D)	74	36	38	115	173	173	58
10 to 19 . . . . . farms	16	15	5	12	4	30	27	7
number	211	216	72	165	47	430	355	100
20 to 49 . . . . . farms	17	26	5	27	46	67	45	13
number	526	894	135	884	1,600	2,029	1,450	(D)
50 to 99 . . . . . farms	17	28	5	14	27	52	21	18
number	1,147	1,839	364	1,057	1,903	3,542	1,404	1,203
100 to 199 . . . . . farms	5	13	4	17	18	42	21	6
number	656	1,902	620	2,452	2,600	5,606	2,796	876
200 to 499 . . . . . farms	6	11	8	14	15	30	15	3
number	1,676	3,182	3,122	4,417	4,615	8,640	4,029	712
500 or more . . . . . farms	1	4	3	15	7	18	5	1
number	(D)	3,750	2,220	11,904	9,341	19,126	8,058	(D)
Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>SALES - Con.</b>								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) . . . . . farms, 2002	137	205	121	134	105	184	57	39
1997	206	244	125	168	137	216	80	75
number, 2002	10,784	37,197	10,002	25,529	6,734	16,886	2,816	5,589
1997	8,921	35,079	6,401	22,575	8,283	17,758	3,519	3,202
2002 farms by number sold:								
1 to 9 . . . . . farms	39	32	26	23	24	67	20	9
number	188	140	124	96	(D)	270	88	31
10 to 19 . . . . . farms	15	20	9	20	18	39	7	5
number	199	289	127	253	(D)	526	(D)	65
20 to 49 . . . . . farms	38	43	37	32	32	37	11	11
number	1,256	1,391	1,127	1,095	1,076	1,228	336	383
50 to 99 . . . . . farms	22	29	26	16	17	24	9	7
number	1,523	1,998	1,821	1,157	1,142	1,635	601	450
100 to 199 . . . . . farms	11	37	11	12	7	8	8	2
number	1,339	4,948	1,378	1,759	867	1,003	1,106	(D)
200 to 499 . . . . . farms	9	26	8	22	5	5	2	3
number	2,781	8,098	2,264	6,465	1,470	1,649	(D)	1,205
500 or more . . . . . farms	3	18	4	9	2	4	-	2
number	3,498	20,333	3,161	14,704	(D)	10,575	-	(D)
Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>SALES - Con.</b>								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) . . . . . farms, 2002	223	61	137	75	104	31	147	54
1997	226	88	176	95	149	52	175	75
number, 2002	66,243	4,978	30,052	5,000	11,691	3,030	34,674	17,910
1997	52,298	5,813	24,425	4,957	12,221	4,205	30,884	17,592
2002 farms by number sold:								
1 to 9 . . . . . farms	16	14	19	23	28	8	21	5
number	94	46	91	68	117	29	93	24
10 to 19 . . . . . farms	22	4	8	10	13	-	10	6
number	314	60	118	(D)	159	-	127	91
20 to 49 . . . . . farms	36	13	20	14	17	12	24	11
number	1,248	(D)	692	399	508	331	825	353
50 to 99 . . . . . farms	36	15	24	9	25	6	21	12
number	2,480	1,030	1,620	632	1,775	371	1,381	681
100 to 199 . . . . . farms	34	10	33	14	11	2	17	9
number	4,441	1,181	4,775	1,849	1,577	(D)	2,462	1,303
200 to 499 . . . . . farms	48	3	20	4	6	1	28	4
number	14,029	907	5,732	1,172	2,074	(D)	8,084	1,251
500 or more . . . . . farms	31	2	13	1	4	2	26	7
number	43,637	(D)	17,024	(D)	5,481	(D)	21,702	14,207

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>SALES - Con.</b>								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) . . . . . farms, 2002	51	58	94	136	83	91	90	190
1997	52	71	137	142	106	103	101	267
number, 2002	4,977	15,541	5,029	33,565	21,950	13,346	14,810	39,156
1997	2,977	11,186	6,126	21,880	20,878	12,502	16,293	50,230
2002 farms by number sold:								
1 to 9 . . . . . farms	13	11	26	15	13	10	25	26
number	57	50	124	48	52	50	132	111
10 to 19 . . . . . farms	4	5	9	12	11	10	9	12
number	58	61	(D)	159	147	144	108	177
20 to 49 . . . . . farms	4	15	34	24	5	25	12	39
number	110	494	1,012	825	160	821	408	1,348
50 to 99 . . . . . farms	12	8	12	24	12	15	12	37
number	782	581	831	1,604	957	1,093	916	2,592
100 to 199 . . . . . farms	9	8	8	21	12	11	11	22
number	1,105	1,059	1,153	2,927	1,659	1,556	1,582	3,016
200 to 499 . . . . . farms	9	5	4	22	20	12	13	31
number	2,865	1,740	965	6,383	6,232	3,882	3,794	8,942
500 or more . . . . . farms	-	6	1	18	10	8	8	23
number	-	11,556	(D)	21,619	12,743	5,800	7,870	22,970
Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>SALES - Con.</b>								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) . . . . . farms, 2002	54	53	160	105	45	81	117	116
1997	69	64	223	156	47	124	152	164
number, 2002	9,422	3,219	46,133	7,615	4,122	34,337	10,882	16,625
1997	6,731	4,014	51,787	8,281	4,049	35,264	9,733	22,249
2002 farms by number sold:								
1 to 9 . . . . . farms	12	22	26	10	18	18	28	13
number	57	79	143	46	66	61	128	74
10 to 19 . . . . . farms	5	10	20	7	2	10	33	16
number	61	135	249	(D)	(D)	130	459	207
20 to 49 . . . . . farms	8	10	38	34	8	14	17	30
number	262	277	1,129	1,185	(D)	483	512	896
50 to 99 . . . . . farms	8	6	18	30	5	8	15	19
number	586	401	1,266	2,160	328	548	1,045	1,271
100 to 199 . . . . . farms	8	1	20	18	7	8	9	21
number	1,054	(D)	2,591	2,145	913	1,095	1,146	2,629
200 to 499 . . . . . farms	7	2	19	5	2	7	8	10
number	2,424	(D)	6,344	1,404	(D)	1,869	2,379	2,967
500 or more . . . . . farms	6	2	19	1	3	16	7	7
number	4,978	(D)	34,411	(D)	1,720	30,151	5,213	8,581
Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>SALES - Con.</b>								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) . . . . . farms, 2002	363	73	138	64	61	42	36	82
1997	352	95	185	64	53	56	67	104
number, 2002	239,382	9,358	9,292	2,643	5,600	2,458	1,381	6,715
1997	186,484	11,482	11,552	2,995	3,108	1,450	3,042	6,364
2002 farms by number sold:								
1 to 9 . . . . . farms	18	21	25	15	12	14	14	25
number	84	99	95	(D)	40	54	(D)	91
10 to 19 . . . . . farms	22	9	23	10	5	4	5	7
number	297	109	312	133	64	(D)	67	99
20 to 49 . . . . . farms	63	18	42	26	16	10	11	20
number	2,069	552	1,369	774	(D)	343	375	637
50 to 99 . . . . . farms	42	7	25	4	9	7	4	17
number	2,958	504	1,555	268	626	484	321	1,186
100 to 199 . . . . . farms	48	5	14	8	15	5	-	9
number	7,164	692	1,841	1,208	2,081	602	-	1,275
200 to 499 . . . . . farms	77	7	6	1	3	1	2	3
number	23,351	2,393	1,680	(D)	1,106	(D)	(D)	(D)
500 or more . . . . . farms	93	6	3	-	1	1	-	1
number	203,459	5,009	2,440	-	(D)	(D)	-	(D)

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**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>SALES - Con.</b>								
Cattle and calves sold - Con.								
Cattle, including calves weighing 500 pounds or more, sold - Con.								
Cattle on feed sold (see text) . . . . . farms, 2002	111	47	33	40	264	126	60	35
1997	155	52	67	54	290	161	107	57
number, 2002	7,672	3,551	1,364	1,482	22,309	47,420	2,761	2,805
1997	8,573	2,465	4,955	1,658	14,929	37,577	3,477	5,852
2002 farms by number sold:								
1 to 9 . . . . . farms	23	9	10	12	39	24	15	11
number	(D)	23	30	(D)	164	100	68	51
10 to 19 . . . . . farms	20	7	5	16	30	15	8	5
number	301	88	56	216	409	219	122	64
20 to 49 . . . . . farms	24	6	9	3	69	23	23	11
number	741	160	338	85	2,285	755	705	345
50 to 99 . . . . . farms	14	12	6	4	63	15	7	1
number	988	811	366	249	4,181	1,079	551	(D)
100 to 199 . . . . . farms	23	8	2	4	31	16	4	3
number	3,093	1,095	(D)	562	4,321	2,127	565	(D)
200 to 499 . . . . . farms	6	5	1	1	28	14	3	3
number	1,799	1,374	(D)	(D)	7,195	4,024	750	641
500 or more . . . . . farms	1	-	-	-	4	19	-	1
number	(D)	-	-	-	3,754	39,116	-	(D)

**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>INVENTORY</b>							
Total hogs and pigs							
farms, 2002	10,205	69	26	59	12	90	127
1997	17,585	124	63	136	27	161	239
number, 2002	15,486,531	28,520	25,256	79,652	2,027	192,491	88,299
1997	14,513,319	36,650	58,642	69,073	5,207	167,977	101,051
Farms by inventory:							
1 to 24							
farms, 2002	821	20	3	3	3	4	11
1997	1,463	12	10	15	5	6	30
number, 2002	7,154	226	11	(D)	(D)	(D)	77
1997	15,993	89	(D)	221	(D)	105	293
25 to 49							
farms, 2002	297	6	1	3	3	1	5
1997	818	12	2	5	4	5	6
number, 2002	10,439	208	(D)	123	93	(D)	186
1997	29,315	421	(D)	177	(D)	185	200
50 to 99							
farms, 2002	432	3	2	2	1	-	8
1997	1,292	12	5	11	3	8	24
number, 2002	30,340	199	(D)	(D)	(D)	-	657
1997	91,239	811	312	710	250	668	1,912
100 to 199							
farms, 2002	733	6	-	6	-	6	14
1997	2,190	23	6	25	7	18	35
number, 2002	101,516	902	-	862	-	896	1,747
1997	306,150	3,171	844	3,526	1,054	2,634	5,212
200 to 499							
farms, 2002	1,999	22	10	12	5	19	24
1997	4,664	44	14	32	5	40	72
number, 2002	651,802	6,679	2,931	3,751	1,866	7,581	8,181
1997	1,481,453	13,539	4,684	9,711	1,650	13,764	22,933
500 to 999							
farms, 2002	2,047	7	4	6	-	17	33
1997	3,403	14	10	25	3	26	47
number, 2002	1,421,544	4,236	2,460	4,456	-	10,846	21,656
1997	2,347,670	8,362	7,721	16,494	2,060	17,536	30,756
1,000 or more							
farms, 2002	3,876	5	6	27	-	43	32
1997	3,755	7	16	23	-	58	25
number, 2002	13,263,736	16,070	(D)	70,303	-	173,095	55,795
1997	10,241,499	10,257	44,876	38,234	-	133,085	39,745
Hogs and pigs used or to be used for breeding							
farms, 2002	4,386	45	7	35	8	33	50
1997	10,827	85	37	98	23	84	160
number, 2002	1,145,323	1,575	419	12,104	189	20,620	5,644
1997	1,354,166	4,108	2,503	8,165	1,004	12,251	12,610
2002 farms by inventory:							
1 to 24	1,011	21	2	6	4	5	17
25 to 49	705	17	4	8	4	-	9
50 to 99	904	5	-	6	-	11	12
100 or more	1,766	2	1	15	-	17	12
Other hogs and pigs							
farms, 2002	9,863	64	26	57	12	86	125
1997	16,972	120	60	132	26	159	233
number, 2002	14,341,208	26,945	24,837	67,548	1,838	171,871	82,655
1997	13,159,153	32,542	56,139	60,908	4,203	155,726	88,441
<b>SALES</b>							
Hogs and pigs sold							
farms, 2002	11,275	70	24	67	14	102	130
1997	18,718	135	64	145	26	166	256
number, 2002	41,232,492	63,677	71,602	229,844	2,630	695,617	213,656
1997	27,340,921	58,545	76,310	143,677	7,184	372,133	199,200
\$1,000, 2002	3,078,455	(D)	5,567	15,567	207	41,855	16,635
1997	3,012,764	6,638	9,517	14,259	913	36,473	22,803
2002 farms by number sold:							
1 to 24	663	9	3	4	7	-	7
number	6,424	95	32	40	60	-	78
25 to 49	267	7	-	4	1	2	-
number	9,525	274	-	142	(D)	(D)	-
50 to 99	365	6	1	-	-	2	5
number	24,767	445	(D)	-	-	(D)	359
100 to 199	519	7	-	3	1	3	15
number	72,902	970	-	530	(D)	497	1,928
200 to 499	1,438	17	5	13	3	8	14
number	472,626	5,367	(D)	3,740	1,034	2,903	4,952
500 to 999	1,748	12	6	9	2	19	27
number	1,247,659	8,799	3,776	6,648	(D)	13,437	19,352
1,000 or more	6,275	12	9	34	-	68	62
number	39,398,589	47,727	66,326	218,744	-	678,569	186,987

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>INVENTORY</b>							
Total hogs and pigs	116	65	107	164	178	109	94
1997	202	118	180	307	272	244	160
number, 2002	161,464	63,649	127,374	169,285	314,097	208,259	191,893
1997	169,969	101,010	88,325	189,445	296,162	177,576	170,055
Farms by inventory:							
1 to 24	6	11	16	14	6	10	8
1997	16	22	27	28	14	19	13
number, 2002	42	(D)	(D)	114	18	(D)	88
1997	(D)	198	209	328	175	263	151
25 to 49	2	3	5	4	2	2	4
1997	3	4	11	17	10	5	3
number, 2002	(D)	96	210	151	(D)	(D)	138
1997	(D)	133	406	610	342	145	120
50 to 99	2	2	2	11	2	11	-
1997	10	7	17	29	12	19	5
number, 2002	(D)	(D)	(D)	685	(D)	845	-
1997	794	470	1,088	1,945	897	1,336	392
100 to 199	6	3	6	20	11	5	6
1997	21	12	25	38	25	16	17
number, 2002	852	440	660	2,859	1,587	804	784
1997	2,855	1,516	3,512	4,987	3,305	2,117	2,316
200 to 499	22	16	23	24	27	26	7
1997	41	27	41	82	58	54	44
number, 2002	7,037	5,616	7,232	7,872	9,266	8,212	2,538
1997	13,648	8,509	13,445	26,580	19,672	29,739	14,260
500 to 999	30	13	19	37	38	23	21
1997	53	21	32	60	50	47	32
number, 2002	20,335	9,958	12,060	25,314	26,451	15,995	13,871
1997	37,013	13,536	22,597	41,003	33,616	31,867	22,448
1,000 or more	48	17	36	54	92	32	48
1997	58	25	27	53	103	44	46
number, 2002	132,952	47,325	106,990	132,290	276,554	182,255	174,474
1997	115,424	76,648	47,068	113,992	238,155	112,109	130,368
Hogs and pigs used or to be used for breeding							
1997	45	29	52	74	72	33	32
number, 2002	98	70	104	197	137	124	67
1997	9,158	4,848	7,167	22,302	18,144	3,231	9,668
2002 farms by inventory:	12,543	9,869	9,826	22,123	21,709	12,883	9,782
1 to 24	7	10	18	19	9	7	8
25 to 49	5	5	3	9	8	6	-
50 to 99	11	1	7	13	14	11	8
100 or more	22	13	24	33	41	9	16
Other hogs and pigs							
1997	113	64	105	154	172	105	94
number, 2002	200	110	171	295	263	240	155
1997	152,306	58,801	120,207	146,983	295,953	205,028	182,225
1997	157,426	91,141	78,499	167,322	274,453	164,693	160,273
<b>SALES</b>							
Hogs and pigs sold	139	70	125	182	192	130	105
1997	209	123	185	334	296	269	169
number, 2002	371,830	126,090	330,867	552,193	810,256	511,508	514,239
1997	296,862	199,402	204,599	397,000	602,625	319,589	277,623
\$1,000, 2002	32,604	10,627	25,818	39,639	63,842	44,886	40,727
1997	35,319	22,543	21,916	38,603	71,947	37,786	31,369
2002 farms by number sold:							
1 to 24	7	9	14	10	3	3	6
25 to 49	49	48	59	111	29	39	62
50 to 99	2	-	6	8	1	2	1
100 to 199	(D)	-	222	285	(D)	(D)	(D)
200 to 499	2	4	6	6	-	-	5
500 to 999	(D)	295	419	392	-	-	(D)
1,000 or more	5	6	5	13	2	10	5
number	817	784	862	1,898	(D)	(D)	601
200 to 499	14	10	10	26	19	27	7
number	4,620	3,268	3,533	7,472	6,224	9,274	2,275
500 to 999	30	9	22	22	26	28	13
number	22,138	5,698	14,931	15,000	17,852	18,165	8,994
1,000 or more	79	32	62	97	141	60	68
number	344,026	115,997	310,841	527,035	785,774	482,380	501,904

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>INVENTORY</b>							
Total hogs and pigs	265	60	108	92	171	114	36
1997	360	135	197	142	244	189	59
number, 2002	531,966	64,364	141,678	144,002	223,059	139,622	(D)
1997	369,537	62,684	150,944	125,840	219,006	127,832	67,350
Farms by inventory:							
1 to 24	14	8	11	10	10	14	8
1997	11	13	13	5	8	12	12
number, 2002	63	(D)	65	(D)	99	155	59
1997	162	147	175	70	99	117	92
25 to 49	-	5	1	1	4	5	5
1997	14	9	9	10	8	9	13
number, 2002	-	168	(D)	(D)	112	180	158
1997	457	323	348	320	291	314	445
50 to 99	9	2	2	5	3	6	6
1997	15	20	8	10	16	20	11
number, 2002	614	(D)	(D)	359	229	456	338
1997	937	1,516	502	842	1,084	1,393	679
100 to 199	17	5	15	7	10	5	6
1997	39	19	25	21	23	35	6
number, 2002	2,219	665	2,135	1,050	1,411	663	(D)
1997	5,790	2,495	3,353	3,293	3,257	4,603	975
200 to 499	48	13	16	21	28	17	3
1997	80	34	56	39	54	42	7
number, 2002	15,800	4,329	5,125	6,435	8,417	5,363	(D)
1997	26,277	10,694	17,222	13,231	16,998	13,098	1,939
500 to 999	45	12	17	12	40	25	4
1997	93	25	44	26	59	34	4
number, 2002	33,279	8,624	10,805	9,151	26,445	17,395	(D)
1997	62,833	17,934	29,796	17,188	41,309	25,386	2,844
1,000 or more	132	15	46	36	76	42	4
1997	108	15	42	31	76	37	6
number, 2002	479,991	50,398	123,402	126,861	186,346	115,410	(D)
1997	273,081	29,575	99,548	90,896	155,968	82,921	60,376
Hogs and pigs used or to be used for breeding							
1997	86	29	42	39	56	46	26
number, 2002	192	92	141	105	131	117	38
1997	36,829	3,157	8,596	7,822	14,167	8,430	(D)
2002 farms by inventory:	30,072	5,692	16,815	16,672	18,034	12,861	16,017
1 to 24	16	13	7	9	11	11	17
25 to 49	11	2	11	8	8	5	4
50 to 99	12	5	7	8	16	6	2
100 or more	47	9	17	14	21	24	3
Other hogs and pigs							
1997	260	59	107	90	169	110	34
number, 2002	351	132	191	132	238	188	56
1997	495,137	61,207	133,082	136,180	208,892	131,192	(D)
2002	339,465	56,992	134,129	109,168	200,972	114,971	51,333
<b>SALES</b>							
Hogs and pigs sold	280	64	121	103	186	131	34
1997	380	142	216	159	257	202	71
number, 2002	1,379,984	158,400	351,223	322,247	547,713	368,129	(D)
1997	711,176	109,521	283,284	285,987	388,162	279,797	103,507
\$1,000, 2002	98,780	13,012	27,183	22,407	42,448	29,004	(D)
1997	77,385	11,787	31,918	30,179	41,413	28,528	14,631
2002 farms by number sold:							
1 to 24	11	8	7	7	5	11	7
25 to 49	3	1	2	1	4	2	6
50 to 99	5	6	1	5	4	5	2
100 to 199	11	3	8	2	8	10	3
200 to 499	20	8	13	15	20	14	5
500 to 999	46	6	19	23	28	20	6
1,000 or more	184	32	71	50	117	69	5
number	1,335,815	151,466	332,405	300,092	520,345	348,135	(D)

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Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>INVENTORY</b>							
Total hogs and pigs	94	180	128	132	42	52	27
1997	137	331	253	235	91	103	43
number, 2002	194,532	182,393	69,554	165,304	45,755	47,042	36,344
1997	106,955	237,414	99,731	178,580	57,043	123,933	39,155
Farms by inventory:							
1 to 24	10	22	17	14	10	12	7
1997	8	25	29	24	15	15	11
number, 2002	131	227	174	(D)	(D)	(D)	28
1997	(D)	288	403	250	163	(D)	(D)
25 to 49	3	8	8	5	4	5	1
1997	3	11	14	9	9	12	1
number, 2002	120	279	258	177	129	198	(D)
1997	(D)	354	515	282	335	486	(D)
50 to 99	4	8	9	2	3	1	2
1997	9	23	29	15	5	12	8
number, 2002	262	648	735	(D)	233	(D)	(D)
1997	574	1,562	1,953	1,097	385	889	497
100 to 199	4	17	20	6	1	3	5
1997	16	33	44	44	14	10	1
number, 2002	505	2,409	2,705	965	(D)	490	(D)
1997	2,182	4,336	6,206	6,046	1,998	1,428	634
200 to 499	9	43	30	24	6	4	1
1997	44	89	78	57	22	34	6
number, 2002	3,090	14,342	9,583	7,624	1,923	1,135	(D)
1997	14,483	27,845	24,213	18,017	7,138	10,672	1,954
500 to 999	21	27	26	29	8	12	3
1997	31	80	38	43	12	10	7
number, 2002	15,570	19,988	18,229	19,792	5,585	8,533	1,916
1997	20,609	54,210	27,012	29,882	8,115	7,664	5,282
1,000 or more	43	55	18	52	10	15	12
1997	26	70	20	43	14	10	5
number, 2002	174,854	144,500	37,870	136,528	37,705	36,540	33,970
1997	68,961	148,819	39,429	123,006	38,909	(D)	30,683
Hogs and pigs used or to be used for breeding							
1997	26	94	77	48	18	28	17
number, 2002	87	229	172	131	50	65	26
1997	15,504	23,631	5,508	4,350	1,126	3,263	1,737
2002 farms by inventory:	13,547	28,893	10,460	10,159	3,860	13,415	5,355
1 to 24	6	20	24	9	9	14	6
25 to 49	3	14	20	14	3	2	-
50 to 99	6	18	20	9	4	6	2
100 or more	11	42	13	16	2	6	9
Other hogs and pigs							
1997	92	172	124	129	40	45	26
number, 2002	129	325	241	226	90	99	43
1997	179,028	158,762	64,046	160,954	44,629	43,779	34,607
1997	93,408	208,521	89,271	168,421	53,183	110,518	33,800
<b>SALES</b>							
Hogs and pigs sold	103	198	126	142	52	55	23
1997	150	362	283	251	102	105	41
number, 2002	692,565	484,848	154,145	426,468	119,434	135,963	96,714
1997	219,767	433,048	172,752	266,188	96,957	157,684	58,876
\$1,000, 2002	55,478	33,638	12,524	33,609	11,041	9,335	8,427
1997	24,548	43,651	18,041	29,962	11,655	21,483	7,199
2002 farms by number sold:							
1 to 24	10	19	10	7	14	9	1
number	96	201	102	91	151	86	(D)
25 to 49	3	6	7	5	-	1	-
number	(D)	220	207	186	-	(D)	-
50 to 99	1	7	5	3	4	4	2
number	(D)	487	270	189	(D)	(D)	(D)
100 to 199	5	10	10	6	2	4	2
number	584	1,309	1,444	986	(D)	497	(D)
200 to 499	7	25	32	18	9	7	2
number	2,315	8,070	11,270	5,882	2,558	2,071	(D)
500 to 999	14	37	23	22	3	1	-
number	10,224	27,776	17,182	15,012	1,520	(D)	-
1,000 or more	63	94	39	81	20	29	16
number	679,191	446,785	123,670	404,122	114,671	132,530	95,344

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>INVENTORY</b>								
Total hogs and pigs	303	33	35	201	62	185	83	121
1997	500	73	83	401	87	293	156	186
number, 2002	294,519	26,201	34,735	173,844	154,788	241,077	149,028	332,987
1997	389,058	123,346	45,433	255,107	120,584	240,210	104,533	196,342
Farms by inventory:								
1 to 24	6	3	2	14	11	11	-	7
1997	17	13	4	26	7	16	8	6
number, 2002	50	11	(D)	112	139	107	-	(D)
1997	219	98	(D)	302	(D)	191	103	(D)
25 to 49	7	-	1	7	1	4	4	2
1997	19	5	1	18	2	15	13	5
number, 2002	219	-	(D)	244	(D)	146	131	(D)
1997	686	155	(D)	646	(D)	579	445	(D)
50 to 99	8	1	1	8	2	12	6	-
1997	27	7	4	25	4	22	7	17
number, 2002	581	(D)	(D)	598	(D)	890	459	-
1997	1,787	566	312	1,785	293	1,606	563	1,195
100 to 199	16	6	1	15	1	12	3	7
1997	46	-	17	54	14	33	27	17
number, 2002	2,058	-	(D)	2,132	(D)	1,429	554	889
1997	6,241	837	2,313	7,646	2,023	4,274	4,106	2,334
200 to 499	68	14	5	50	4	39	10	15
1997	111	13	25	114	25	86	38	51
number, 2002	23,063	4,943	1,578	17,397	1,231	10,937	3,591	4,586
1997	36,849	4,148	8,210	35,318	8,711	26,971	11,164	16,348
500 to 999	87	4	12	58	10	32	20	18
1997	145	10	17	78	12	55	25	34
number, 2002	62,011	(D)	7,824	39,012	7,465	21,765	14,168	12,617
1997	102,591	7,455	11,221	51,775	7,779	38,083	17,090	24,380
1,000 or more	111	11	13	49	33	75	40	72
1997	135	19	15	86	23	66	38	56
number, 2002	206,537	18,367	(D)	114,349	145,639	205,803	130,125	314,768
1997	240,685	110,087	23,294	157,635	101,633	168,506	71,062	151,903
Hogs and pigs used or to be used for breeding	142	16	17	113	19	68	36	38
1997	365	42	58	289	43	167	91	93
number, 2002	23,040	3,682	2,098	13,735	14,084	17,042	10,596	6,252
1997	39,818	6,310	5,337	27,146	6,386	22,107	11,791	9,655
2002 farms by inventory:								
1 to 24	17	3	3	13	5	13	5	15
25 to 49	22	4	2	16	5	11	7	6
50 to 99	26	3	1	44	3	10	9	5
100 or more	77	6	11	40	6	34	15	12
Other hogs and pigs	299	31	35	197	62	180	79	118
1997	488	70	81	388	85	288	151	185
number, 2002	271,479	22,519	32,637	160,109	140,704	224,035	138,432	326,735
1997	349,240	117,036	40,096	227,961	114,198	218,103	92,742	186,687
<b>SALES</b>								
Hogs and pigs sold	329	35	48	227	67	204	98	136
1997	525	73	92	409	90	315	165	198
number, 2002	657,774	86,172	78,195	344,235	412,980	587,887	432,514	768,852
1997	635,500	210,665	76,496	420,302	176,535	505,751	241,443	341,135
\$1,000, 2002	50,730	5,233	6,936	23,861	(D)	46,062	29,743	59,271
1997	75,346	18,888	9,112	44,778	17,234	56,506	24,332	36,975
2002 farms by number sold:								
1 to 24	8	3	2	10	9	6	-	2
number	64	33	(D)	81	116	43	-	(D)
25 to 49	9	-	3	7	3	6	2	-
number	310	-	84	261	(D)	196	(D)	-
50 to 99	6	1	2	5	-	12	4	4
number	474	(D)	(D)	388	-	674	(D)	(D)
100 to 199	7	-	3	12	2	5	-	2
number	978	-	486	1,703	(D)	640	-	(D)
200 to 499	46	8	5	41	4	30	14	15
number	15,586	(D)	1,425	14,382	1,180	10,729	4,440	5,435
500 to 999	46	5	9	49	6	34	15	18
number	31,881	3,551	6,274	34,422	4,600	26,150	11,187	12,870
1,000 or more	207	18	24	103	43	111	63	95
number	608,481	79,757	69,765	292,998	406,710	549,455	416,480	749,952

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>INVENTORY</b>								
Total hogs and pigs	18	70	110	59	107	103	137	39
1997	53	129	182	123	167	193	210	77
number, 2002	(D)	107,494	158,378	70,548	467,250	200,651	887,938	42,545
1997	23,911	155,373	155,441	81,267	447,999	175,177	394,233	64,775
Farms by inventory:								
1 to 24	4	1	5	5	6	6	8	6
1997	4	19	14	20	10	10	19	8
number, 2002	33	(D)	(D)	(D)	107	(D)	(D)	31
1997	53	(D)	98	(D)	86	(D)	244	72
25 to 49	4	-	1	2	2	1	1	5
1997	4	2	6	2	13	1	11	8
number, 2002	115	-	(D)	(D)	(D)	(D)	(D)	205
1997	154	(D)	197	(D)	429	(D)	435	302
50 to 99	-	5	4	1	8	4	4	3
1997	6	12	11	18	3	13	8	12
number, 2002	-	(D)	345	(D)	612	322	255	210
1997	386	790	675	1,282	207	869	546	895
100 to 199	1	6	3	8	1	8	12	2
1997	11	12	17	14	12	27	18	9
number, 2002	(D)	714	445	1,105	(D)	1,235	1,701	(D)
1997	1,543	1,765	2,397	1,968	1,527	3,623	2,534	1,296
200 to 499	3	11	27	8	15	11	20	11
1997	16	30	52	27	35	55	58	17
number, 2002	974	3,509	9,925	2,763	5,172	3,760	6,478	3,289
1997	4,580	9,499	17,093	8,532	12,111	17,760	20,060	5,731
500 to 999	4	13	26	9	11	19	25	2
1997	9	19	44	19	29	39	31	10
number, 2002	3,060	9,800	18,398	6,080	8,588	14,232	16,855	(D)
1997	6,539	13,216	30,851	14,156	20,925	28,282	21,346	7,176
1,000 or more	2	34	44	27	64	54	67	10
1997	3	35	38	23	65	48	65	13
number, 2002	(D)	93,150	129,187	60,453	452,567	181,025	862,550	(D)
1997	10,656	129,855	104,130	55,043	412,714	124,493	349,068	49,303
Hogs and pigs used or to be used for breeding	8	14	49	20	32	42	43	15
1997	30	59	103	85	87	118	137	46
number, 2002	515	1,229	10,133	4,443	43,879	11,693	40,395	1,752
1997	2,193	5,136	12,694	6,870	36,962	13,965	26,564	8,280
2002 farms by inventory:								
1 to 24	1	1	6	7	7	9	11	6
25 to 49	1	9	6	3	3	5	9	5
50 to 99	5	1	11	2	5	9	1	2
100 or more	1	3	26	8	17	19	22	2
Other hogs and pigs	16	70	107	56	102	96	135	39
1997	51	123	174	113	158	189	203	76
number, 2002	(D)	106,265	148,245	66,105	423,371	188,958	847,543	40,793
1997	21,718	150,237	142,747	74,397	411,037	161,212	367,669	56,495
<b>SALES</b>								
Hogs and pigs sold	20	86	135	65	120	120	152	35
1997	56	135	195	126	186	207	225	86
number, 2002	(D)	265,257	374,104	196,539	1,270,158	592,582	1,693,130	159,984
1997	40,861	219,992	277,678	147,570	888,179	321,287	768,467	168,250
\$1,000, 2002	2,052	22,543	30,338	14,452	98,102	(D)	146,839	11,557
1997	4,838	22,276	34,993	15,589	106,952	36,390	88,258	15,119
2002 farms by number sold:								
1 to 24	2	6	8	5	5	5	7	4
number	(D)	67	84	65	55	81	71	47
25 to 49	3	-	6	2	3	1	-	3
number	107	(D)	(D)	(D)	127	(D)	-	(D)
50 to 99	3	3	1	-	5	5	3	3
number	206	200	(D)	-	349	(D)	177	179
100 to 199	1	4	5	4	-	6	6	2
number	(D)	608	690	(D)	-	894	915	(D)
200 to 499	2	10	12	9	11	7	15	4
number	(D)	3,824	4,370	2,924	3,701	2,175	5,592	1,440
500 to 999	4	12	20	7	16	13	16	5
number	3,617	8,572	14,208	5,491	12,254	9,517	10,116	3,625
1,000 or more	5	51	83	38	80	83	105	14
number	(D)	251,986	354,470	187,433	1,253,672	579,555	1,676,259	154,322

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>INVENTORY</b>								
Total hogs and pigs	83	102	49	92	102	116	150	65
1997	130	192	111	158	200	231	220	126
number, 2002	89,088	136,774	96,333	143,648	101,104	66,605	145,643	57,933
1997	88,146	97,430	85,407	120,721	131,441	84,527	179,131	73,019
Farms by inventory:								
1 to 24	6	7	1	7	9	13	11	5
1997	10	24	7	8	12	31	18	14
number, 2002	(D)	88	(D)	(D)	121	82	182	35
1997	106	198	103	84	149	274	172	163
25 to 49	2	8	4	2	3	7	7	3
1997	8	11	5	9	5	18	5	9
number, 2002	(D)	237	(D)	(D)	120	250	228	118
1997	310	386	173	333	184	609	193	370
50 to 99	3	7	-	7	3	9	7	3
1997	6	12	7	14	19	20	17	19
number, 2002	195	571	-	513	199	609	454	224
1997	344	972	445	1,047	1,354	1,557	1,222	1,288
100 to 199	3	6	3	5	6	15	9	6
1997	12	30	12	21	38	20	26	12
number, 2002	412	843	300	677	897	2,096	1,281	786
1997	1,762	4,524	1,520	2,890	2,748	5,306	3,835	1,609
200 to 499	17	24	9	17	20	34	41	19
1997	34	61	40	47	68	68	52	19
number, 2002	6,292	7,351	2,434	5,514	6,110	11,253	13,605	6,221
1997	10,972	19,115	12,603	15,393	22,598	22,363	15,535	5,654
500 to 999	20	23	14	20	32	15	28	11
1997	31	31	27	27	42	36	60	33
number, 2002	14,867	14,169	8,272	12,961	21,593	9,833	20,354	7,645
1997	21,262	21,385	14,796	17,877	28,835	24,777	41,863	20,423
1,000 or more	32	27	18	34	29	23	47	18
1997	29	23	19	32	34	20	42	20
number, 2002	67,175	113,515	85,179	123,855	72,064	42,482	109,539	42,904
1997	53,390	50,850	55,767	83,097	75,573	29,641	116,311	43,512
Hogs and pigs used or to be used for breeding								
1997	80	128	65	84	135	154	146	71
number, 2002	4,988	13,732	18,687	9,456	8,047	5,226	12,034	4,206
1997	7,243	9,559	7,732	11,265	10,040	9,637	23,361	6,751
2002 farms by inventory:								
1 to 24	4	18	2	13	10	22	19	7
25 to 49	10	10	4	-	4	14	17	7
50 to 99	4	9	2	6	9	14	19	5
100 or more	17	15	9	15	18	18	26	6
Other hogs and pigs								
1997	125	178	107	154	192	216	208	124
number, 2002	84,100	123,042	77,646	134,192	93,057	61,379	133,609	53,727
1997	80,903	87,871	77,675	109,456	121,401	74,890	155,770	66,268
<b>SALES</b>								
Hogs and pigs sold	91	116	57	96	114	124	166	77
1997	135	198	118	174	210	235	239	132
number, 2002	215,453	317,073	393,986	309,968	265,707	148,421	491,699	183,270
1997	152,941	176,495	182,196	222,729	225,298	159,963	433,896	142,716
\$1,000, 2002	18,720	28,006	19,998	22,787	18,871	11,438	36,248	13,017
1997	16,985	19,825	17,448	20,177	28,300	17,481	38,283	13,965
2002 farms by number sold:								
1 to 24	9	8	4	5	11	9	5	6
25 to 49	3	5	3	3	2	6	2	3
50 to 99	2	6	2	6	3	4	12	4
100 to 199	5	11	3	6	5	13	3	3
200 to 499	9	15	4	14	22	22	36	9
500 to 999	10	20	10	12	15	30	31	15
1,000 or more	53	51	31	50	56	40	77	37
number	203,575	296,618	386,053	295,590	247,044	118,503	454,749	168,419

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>INVENTORY</b>								
Total hogs and pigs	174	122	142	193	83	85	65	30
1997	280	249	194	306	148	195	96	58
number, 2002	136,034	97,419	159,048	423,442	84,080	65,673	103,787	10,358
1997	133,170	148,207	141,111	319,591	111,744	78,424	88,054	18,650
Farms by inventory:								
1 to 24	19	7	7	6	8	11	4	13
1997	25	29	17	21	10	28	14	15
number, 2002	131	38	54	67	(D)	145	(D)	66
1997	296	270	182	317	91	296	176	130
25 to 49	5	6	7	4	1	8	1	1
1997	8	9	12	10	6	20	6	4
number, 2002	213	225	250	141	(D)	272	(D)	(D)
1997	266	319	439	386	240	676	232	166
50 to 99	12	8	3	5	5	9	6	1
1997	25	18	14	21	8	16	8	4
number, 2002	880	536	173	321	283	553	423	(D)
1997	1,864	1,193	1,082	1,537	567	1,110	504	275
100 to 199	20	12	8	14	9	9	4	1
1997	47	38	17	38	19	22	14	3
number, 2002	2,673	1,713	1,217	2,017	1,225	1,158	534	(D)
1997	6,567	5,252	2,586	5,846	2,588	2,926	2,006	390
200 to 499	58	25	24	34	18	19	6	6
1997	86	67	49	84	39	46	18	16
number, 2002	18,532	7,671	7,764	11,862	5,965	6,108	1,770	2,050
1997	27,088	20,839	14,601	27,228	11,948	14,081	5,370	4,679
500 to 999	29	29	38	32	11	14	11	3
1997	56	39	42	56	31	42	13	13
number, 2002	19,385	18,838	26,631	22,231	7,992	10,166	7,292	1,720
1997	37,090	28,342	30,050	37,872	21,064	28,054	8,893	8,660
1,000 or more	31	35	55	98	31	15	33	5
1997	33	49	43	76	35	21	23	3
number, 2002	94,220	68,398	122,959	386,803	68,494	47,271	93,676	6,300
1997	59,999	91,992	92,171	246,405	75,246	31,281	70,873	4,350
Hogs and pigs used or to be used for breeding								
1997	100	76	66	82	44	40	26	12
number, 2002	208	180	139	194	104	134	55	33
1997	11,559	12,961	14,243	17,529	4,118	4,010	14,357	178
1997	13,439	20,781	15,725	32,725	13,021	8,535	18,757	2,178
2002 farms by inventory:								
1 to 24	32	17	5	11	10	15	10	9
25 to 49	29	10	9	18	2	5	3	-
50 to 99	12	8	19	26	13	3	1	3
100 or more	27	41	33	27	19	17	12	-
Other hogs and pigs								
1997	161	113	141	184	81	82	61	29
number, 2002	270	239	185	295	143	187	92	56
1997	124,475	84,458	144,805	405,913	79,962	61,663	89,430	10,180
1997	119,731	127,426	125,386	286,866	98,723	69,889	69,297	16,472
<b>SALES</b>								
Hogs and pigs sold	189	133	152	212	94	96	77	33
1997	301	264	203	326	150	203	105	60
number, 2002	253,619	239,410	444,629	991,508	186,090	144,113	340,079	40,490
1997	228,384	286,727	251,587	653,397	200,735	132,215	294,979	41,054
\$1,000, 2002	21,505	17,548	33,426	82,760	16,147	11,332	22,544	3,205
1997	27,397	30,790	30,050	64,590	22,974	15,108	34,096	4,234
2002 farms by number sold:								
1 to 24	13	4	4	7	9	13	2	13
25 to 49	7	6	3	4	1	4	(D)	127
50 to 99	272	183	87	155	(D)	149	-	(D)
100 to 199	12	11	4	8	2	7	8	-
200 to 499	862	825	220	512	(D)	404	(D)	-
500 to 999	7	5	-	8	3	12	7	1
1,000 or more	1,010	713	-	1,147	480	1,552	988	(D)
200 to 499	38	21	13	22	8	16	11	6
number, 2002	11,974	6,692	4,139	7,516	2,737	4,768	3,388	2,225
500 to 999	50	19	27	34	20	4	7	-
number, 2002	34,128	13,629	18,758	23,856	14,560	3,342	4,254	-
1,000 or more	62	67	101	129	51	40	42	11
number, 2002	205,235	217,317	421,379	958,239	168,102	133,785	330,877	37,880

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>INVENTORY</b>								
Total hogs and pigs	290	41	156	58	72	24	169	41
1997	386	89	261	146	142	56	268	115
number, 2002	428,010	30,581	207,651	48,789	132,689	6,013	238,770	34,850
1997	324,434	39,894	244,824	80,727	117,693	17,836	265,253	53,487
Farms by inventory:								
1 to 24	9	11	5	4	7	5	9	6
1997	17	17	9	16	11	11	18	12
number, 2002	(D)	87	(D)	59	75	80	74	94
1997	207	195	162	137	127	(D)	216	146
25 to 49	2	1	2	-	1	-	3	5
1997	16	7	9	7	7	-	18	9
number, 2002	(D)	(D)	(D)	-	(D)	-	110	158
1997	657	279	295	216	249	-	683	317
50 to 99	5	2	8	6	2	3	9	3
1997	19	8	14	15	14	8	20	10
number, 2002	383	(D)	562	414	(D)	202	577	215
1997	1,424	573	993	1,129	1,004	590	1,319	691
100 to 199	13	3	10	8	3	3	13	3
1997	50	12	29	23	16	10	32	19
number, 2002	1,877	403	1,406	1,054	411	450	1,798	370
1997	7,265	1,749	4,094	2,904	2,418	1,429	4,605	2,578
200 to 499	9	9	31	16	17	10	32	6
1997	121	26	67	35	24	18	72	32
number, 2002	18,900	3,158	10,920	5,601	5,148	3,156	10,046	1,545
1997	37,514	8,219	21,483	10,458	8,444	5,016	23,426	9,168
500 to 999	41	7	30	14	13	3	41	5
1997	67	9	64	24	35	7	50	19
number, 2002	28,436	4,587	20,036	9,869	9,200	2,125	30,095	3,000
1997	47,088	6,152	45,283	16,238	25,123	4,897	36,048	13,996
1,000 or more	161	8	70	10	29	-	62	13
1997	96	10	69	26	35	2	58	14
number, 2002	378,243	22,172	174,587	31,792	117,650	-	196,070	29,468
1997	230,279	22,727	172,514	49,645	80,328	(D)	198,956	26,591
Hogs and pigs used or to be used for breeding								
1997	186	57	173	105	92	43	175	81
number, 2002	35,872	1,900	19,090	5,132	9,592	497	17,466	3,268
1997	27,299	8,029	33,514	9,896	14,102	2,765	27,910	6,384
2002 farms by inventory:								
1 to 24	7	5	6	6	13	1	14	9
25 to 49	11	4	7	7	7	9	9	3
50 to 99	20	4	25	17	5	2	19	2
100 or more	41	4	54	11	18	-	43	8
Other hogs and pigs								
1997	373	88	256	133	138	54	264	109
number, 2002	392,138	28,681	188,561	43,657	123,097	5,516	221,304	31,582
1997	297,135	31,865	211,310	70,831	103,591	15,071	237,343	47,103
<b>SALES</b>								
Hogs and pigs sold								
1997	407	93	286	145	149	59	295	120
number, 2002	1,405,771	109,760	534,038	142,687	412,195	8,581	587,440	88,670
1997	629,936	86,306	507,267	159,073	221,852	42,964	489,735	97,189
\$1,000, 2002	92,622	(D)	39,749	11,555	29,597	749	45,947	8,113
1997	65,923	9,006	60,105	16,535	23,374	3,645	57,091	12,427
2002 farms by number sold:								
1 to 24	8	6	3	2	6	3	10	3
number	74	44	(D)	(D)	32	37	75	35
25 to 49	-	3	2	-	-	-	1	3
number	-	107	(D)	-	-	-	(D)	(D)
50 to 99	3	5	3	-	6	-	2	1
number	219	370	209	-	428	-	(D)	(D)
100 to 199	11	4	4	7	-	1	7	5
number	1,586	608	476	(D)	-	(D)	880	620
200 to 499	36	7	24	16	7	14	17	7
number	12,224	2,431	7,881	4,395	2,232	4,403	5,783	2,347
500 to 999	42	8	28	13	15	6	39	1
number	31,725	5,267	20,972	9,236	11,033	(D)	27,694	(D)
1,000 or more	220	14	106	25	50	-	102	21
number	1,359,943	100,933	504,384	128,110	398,470	-	552,878	84,942

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>INVENTORY</b>								
Total hogs and pigs								
farms, 2002	22	30	74	228	120	72	102	299
1997	47	82	144	283	159	128	163	478
number, 2002	54,268	18,000	45,460	349,955	248,078	46,567	378,515	570,201
1997	43,956	38,490	68,375	281,194	215,884	60,589	198,715	458,590
Farms by inventory:								
1 to 24								
farms, 2002	3	2	8	3	3	2	2	16
1997	6	6	20	10	8	11	10	20
number, 2002	(D)	(D)	50	(D)	(D)	(D)	(D)	195
1997	53	84	277	120	71	150	111	275
25 to 49								
farms, 2002	1	1	6	1	1	1	3	4
1997	8	4	7	6	6	10	13	13
number, 2002	(D)	(D)	231	(D)	(D)	(D)	(D)	118
1997	251	131	248	214	195	359	468	474
50 to 99								
farms, 2002	3	2	5	4	5	7	2	5
1997	3	12	12	3	5	9	14	22
number, 2002	250	(D)	343	260	309	456	(D)	392
1997	236	785	860	186	387	614	918	1,513
100 to 199								
farms, 2002	2	3	10	14	11	7	2	20
1997	7	17	20	35	18	22	13	58
number, 2002	(D)	433	1,280	1,776	1,688	1,093	(D)	2,861
1997	1,038	2,267	2,615	4,558	2,373	3,207	1,717	8,029
200 to 499								
farms, 2002	5	9	19	46	16	22	17	45
1997	9	19	46	84	47	37	42	128
number, 2002	2,025	2,949	5,863	14,394	4,935	5,728	6,143	15,974
1997	3,099	6,043	14,789	26,327	15,699	10,674	14,033	40,816
500 to 999								
farms, 2002	-	7	12	53	17	21	21	57
1997	5	13	25	62	35	17	29	95
number, 2002	-	5,145	8,486	37,845	23,652	(D)	15,678	39,244
1997	2,905	9,767	17,474	43,823	17,865	11,474	20,862	64,396
1,000 or more								
farms, 2002	8	6	14	107	51	16	55	152
1997	9	11	14	83	50	22	42	142
number, 2002	51,641	9,294	29,207	295,606	217,453	(D)	356,156	511,407
1997	36,374	19,413	32,112	205,966	179,294	34,111	160,606	343,087
Hogs and pigs used or to be used for breeding								
farms, 2002	15	17	54	66	38	32	34	76
1997	34	59	106	148	79	89	93	254
number, 2002	6,253	1,609	4,419	23,609	14,238	3,249	20,041	26,182
1997	6,151	4,738	8,482	21,646	12,913	5,763	14,454	37,427
2002 farms by inventory:								
1 to 24	6	3	16	7	5	6	4	20
25 to 49	-	4	19	10	4	2	4	12
50 to 99	5	3	8	14	10	13	14	13
100 or more	4	7	11	35	19	11	12	31
Other hogs and pigs								
farms, 2002	22	30	72	221	114	72	101	288
1997	45	81	133	275	154	123	157	460
number, 2002	48,015	16,391	41,041	326,346	233,840	43,318	358,474	544,019
1997	37,805	33,752	59,893	259,548	202,971	54,826	184,261	421,163
<b>SALES</b>								
Hogs and pigs sold								
farms, 2002	23	33	86	249	132	85	111	343
1997	49	89	154	304	171	131	177	514
number, 2002	93,524	41,322	123,350	1,115,564	568,598	97,883	1,045,768	1,685,515
1997	85,725	70,451	114,671	611,534	409,009	96,879	436,959	825,682
\$1,000, 2002	7,316	(D)	9,238	77,980	46,013	8,332	85,814	119,719
1997	10,779	8,415	13,913	62,395	45,471	11,249	47,505	85,697
2002 farms by number sold:								
1 to 24	2	3	8	3	5	4	2	12
number	(D)	38	41	36	49	60	(D)	115
25 to 49	1	3	3	3	1	2	1	5
number	(D)	(D)	92	(D)	(D)	(D)	(D)	194
50 to 99	1	1	8	2	3	4	2	4
number	(D)	(D)	557	(D)	(D)	(D)	(D)	249
100 to 199	2	3	9	12	7	5	3	13
number	(D)	475	1,176	1,502	1,071	582	531	1,911
200 to 499	5	6	16	16	15	26	7	26
number	1,697	2,097	5,366	5,121	4,681	8,316	2,423	8,664
500 to 999	4	3	17	38	13	16	14	52
number	2,799	2,454	10,530	28,949	8,595	11,938	11,015	37,557
1,000 or more	8	14	25	175	88	28	82	231
number	88,588	36,101	105,588	1,079,691	553,983	76,651	1,031,648	1,636,825

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>INVENTORY</b>								
Total hogs and pigs	85	41	89	59	40	159	84	129
1997	154	68	198	173	58	241	154	227
number, 2002	163,166	22,439	55,626	47,529	101,710	423,912	104,986	136,368
1997	117,654	21,896	85,953	106,810	180,713	347,451	102,675	118,036
Farms by inventory:								
1 to 24	3	7	12	4	5	5	5	9
1997	8	19	20	14	13	9	17	15
number, 2002	(D)	40	(D)	30	(D)	(D)	64	54
1997	130	199	289	96	165	133	216	108
25 to 49	-	3	2	2	-	1	4	4
1997	7	8	14	8	5	5	3	7
number, 2002	-	92	(D)	(D)	-	(D)	102	141
1997	238	289	503	251	196	184	95	239
50 to 99	4	-	7	1	2	4	4	5
1997	13	5	33	13	6	7	7	18
number, 2002	(D)	-	516	(D)	(D)	255	237	405
1997	904	372	2,104	907	418	580	440	1,114
100 to 199	6	3	13	6	-	14	7	8
1997	17	6	26	26	5	25	22	32
number, 2002	840	436	1,534	846	-	1,986	903	1,047
1997	2,385	730	3,640	3,578	665	3,437	2,953	4,642
200 to 499	24	11	25	15	7	21	14	30
1997	48	13	44	57	5	60	46	75
number, 2002	8,810	3,429	7,706	4,159	2,580	6,373	4,767	9,437
1997	15,427	4,271	14,283	17,522	1,451	18,107	14,881	22,898
500 to 999	14	7	7	21	10	38	20	39
1997	27	12	31	42	9	53	32	51
number, 2002	10,606	4,330	4,034	13,759	7,102	27,429	13,620	28,561
1997	18,474	7,790	20,119	28,838	5,684	37,084	21,629	33,942
1,000 or more	34	10	23	10	16	76	30	34
1997	34	5	30	13	15	82	27	29
number, 2002	142,620	14,112	41,674	28,610	91,853	387,778	85,293	96,723
1997	80,096	8,245	45,015	55,618	172,134	287,926	62,461	55,093
Hogs and pigs used or to be used for breeding	34	21	57	34	23	62	54	67
1997	76	44	139	105	36	145	114	141
number, 2002	9,285	2,212	5,986	2,819	(D)	28,406	6,867	21,740
1997	8,964	2,418	9,082	12,381	20,137	21,396	13,306	11,520
2002 farms by inventory:								
1 to 24	6	5	16	10	6	7	16	11
25 to 49	6	3	16	5	4	7	8	8
50 to 99	7	3	7	12	7	13	14	24
100 or more	15	10	18	7	6	36	16	24
Other hogs and pigs	84	40	87	57	38	152	80	123
1997	150	59	188	165	57	235	144	218
number, 2002	153,881	20,227	49,640	44,710	(D)	395,506	98,119	114,628
1997	108,690	19,478	76,871	94,429	160,576	326,055	89,369	106,516
<b>SALES</b>								
Hogs and pigs sold	99	46	93	65	43	178	88	151
1997	167	76	215	184	59	258	163	240
number, 2002	486,778	49,805	156,991	89,121	220,269	847,776	196,820	523,710
1997	248,622	43,803	173,027	225,372	179,553	586,452	169,755	263,929
\$1,000, 2002	37,720	3,863	10,769	(D)	17,419	66,363	16,666	28,834
1997	27,905	4,601	18,783	28,046	18,058	70,237	20,409	28,968
2002 farms by number sold:								
1 to 24	1	8	10	3	2	3	2	7
number	(D)	53	77	40	(D)	34	(D)	65
25 to 49	3	3	2	2	2	-	2	2
number	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
50 to 99	1	1	6	2	4	3	1	1
number	(D)	(D)	(D)	(D)	277	160	(D)	(D)
100 to 199	4	1	11	4	-	8	3	8
number	560	(D)	1,415	675	-	1,009	388	1,192
200 to 499	10	6	16	14	3	14	19	18
number	3,110	2,000	4,984	4,858	880	4,282	6,036	5,594
500 to 999	14	9	12	15	10	26	15	39
number	9,652	6,522	7,594	10,994	6,229	17,775	10,560	27,350
1,000 or more	66	18	36	25	22	124	46	76
number	473,263	40,916	142,362	72,344	212,819	824,516	179,731	489,373

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>INVENTORY</b>								
Total hogs and pigs								
farms, 2002	528	81	92	42	33	36	39	42
1997	696	141	167	84	65	83	63	95
number, 2002	869,086	78,623	70,773	31,628	87,635	64,424	32,142	37,527
1997	758,686	100,400	101,715	40,145	55,402	42,245	34,201	42,648
Farms by inventory:								
1 to 24								
farms, 2002	15	9	15	9	7	10	6	9
1997	18	11	25	21	13	14	9	15
number, 2002	152	65	49	33	79	98	(D)	(D)
1997	194	62	229	218	(D)	141	(D)	104
25 to 49								
farms, 2002	5	1	3	1	2	3	-	-
1997	15	6	6	7	2	7	7	5
number, 2002	177	(D)	96	(D)	(D)	(D)	-	-
1997	586	191	215	260	(D)	240	217	140
50 to 99								
farms, 2002	6	4	8	5	3	3	-	3
1997	34	12	13	12	8	5	3	8
number, 2002	420	313	509	358	166	215	-	212
1997	2,470	853	910	806	524	406	223	560
100 to 199								
farms, 2002	24	2	6	2	1	1	1	2
1997	59	16	26	13	11	16	3	21
number, 2002	3,152	(D)	873	(D)	(D)	(D)	(D)	(D)
1997	8,672	2,395	3,739	1,737	1,467	2,343	(D)	2,843
200 to 499								
farms, 2002	81	27	17	11	3	5	12	4
1997	169	33	53	17	8	20	16	20
number, 2002	27,528	7,867	5,612	2,791	950	1,657	4,653	1,148
1997	52,669	10,769	16,833	4,871	2,481	6,068	5,743	6,068
500 to 999								
farms, 2002	128	15	23	5	1	4	5	6
1997	182	33	24	6	11	12	12	11
number, 2002	88,756	9,698	17,119	3,290	(D)	2,685	2,920	4,675
1997	128,018	20,810	17,439	4,321	7,897	8,767	7,469	6,990
1,000 or more								
farms, 2002	269	23	20	9	16	10	15	18
1997	219	30	20	8	12	9	13	15
number, 2002	748,901	(D)	46,515	(D)	85,204	59,550	24,389	31,179
1997	566,077	65,320	62,350	27,932	42,836	24,280	20,054	25,943
Hogs and pigs used or to be used for breeding								
farms, 2002	121	42	52	30	14	19	12	25
1997	312	88	107	55	35	55	33	70
number, 2002	35,858	5,548	6,329	2,551	22,239	14,561	4,491	3,245
1997	57,059	7,895	12,242	2,852	12,426	5,201	2,166	4,579
2002 farms by inventory:								
1 to 24	14	10	20	12	7	8	-	5
25 to 49	15	8	6	3	1	1	2	3
50 to 99	25	6	12	8	3	1	2	4
100 or more	67	18	14	7	3	9	8	13
Other hogs and pigs								
farms, 2002	516	77	89	40	32	35	37	40
1997	679	137	162	75	64	78	62	92
number, 2002	833,228	73,075	64,444	29,077	65,396	49,863	27,651	34,282
1997	701,627	92,505	89,473	37,293	42,976	37,044	32,035	38,069
<b>SALES</b>								
Hogs and pigs sold								
farms, 2002	582	94	98	43	34	39	39	44
1997	738	148	189	87	67	85	67	101
number, 2002	2,536,358	155,492	194,837	74,775	472,594	318,131	131,963	75,920
1997	1,570,610	182,595	202,368	70,411	105,463	88,215	65,177	68,770
\$1,000, 2002	194,966	13,546	14,330	6,203	22,296	15,730	5,862	5,506
1997	172,045	21,777	23,809	9,087	7,712	9,109	8,095	7,851
2002 farms by number sold:								
1 to 24	11	12	14	5	5	7	7	1
farms	124	119	147	44	49	58	59	(D)
25 to 49	4	1	3	1	-	3	-	2
farms	146	(D)	(D)	(D)	-	(D)	-	(D)
50 to 99	5	2	7	7	4	3	-	4
farms	368	(D)	507	(D)	(D)	202	-	278
100 to 199	12	4	1	4	-	2	-	2
farms	1,775	621	(D)	622	-	(D)	-	(D)
number								
200 to 499	40	22	15	9	1	5	5	10
farms	14,087	7,858	5,097	2,848	(D)	1,205	1,828	3,026
number								
500 to 999	73	20	10	4	3	3	7	5
farms	52,504	15,402	8,097	3,022	1,960	2,294	5,260	4,071
number								
1,000 or more	437	33	48	13	21	16	20	20
farms	2,467,354	131,313	180,768	67,725	470,085	313,975	124,816	68,141
number								

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**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>INVENTORY</b>								
Total hogs and pigs	264	13	88	67	159	95	60	46
1997	389	51	134	128	315	193	106	96
number, 2002	427,266	9,770	146,614	105,868	118,298	64,797	47,451	322,024
1997	431,646	20,773	150,451	44,983	124,912	102,850	44,578	357,847
Farms by inventory:								
1 to 24	11	5	7	5	24	15	14	4
1997	19	17	8	13	38	9	6	8
number, 2002	120	(D)	56	(D)	194	113	133	(D)
1997	203	174	63	161	412	122	92	75
25 to 49	7	-	1	1	11	7	-	1
1997	6	3	11	7	24	11	9	7
number, 2002	273	(D)	(D)	(D)	469	230	-	(D)
1997	225	(D)	331	291	910	432	338	300
50 to 99	8	-	5	3	7	7	6	3
1997	19	3	12	16	28	17	15	10
number, 2002	554	-	339	225	444	403	447	201
1997	1,458	202	806	1,097	2,104	1,247	1,167	732
100 to 199	29	1	2	9	17	11	8	3
1997	45	(D)	8	15	38	16	4	3
number, 2002	4,289	(D)	(D)	1,268	2,444	1,503	1,163	460
1997	6,463	(D)	968	1,893	7,707	5,105	2,179	536
200 to 499	41	1	16	15	39	20	8	11
1997	88	13	34	51	96	58	29	21
number, 2002	13,836	(D)	5,191	4,818	12,518	6,695	2,238	3,538
1997	28,148	4,327	10,427	16,011	29,872	18,909	8,893	6,249
500 to 999	48	3	17	16	29	18	4	6
1997	81	8	19	15	41	31	15	23
number, 2002	36,021	2,927	11,145	9,784	20,281	12,015	2,273	3,754
1997	55,229	5,329	13,697	10,181	27,484	20,819	10,419	16,669
1,000 or more	120	3	40	18	32	17	20	18
1997	131	4	42	11	37	29	16	23
number, 2002	372,173	6,305	129,592	89,693	81,948	43,838	41,197	314,002
1997	339,920	10,190	124,159	15,349	56,423	56,216	21,490	333,286
Hogs and pigs used or to be used for breeding	118	9	28	45	81	48	32	22
1997	269	28	71	86	194	140	74	53
number, 2002	41,102	1,031	12,053	9,482	13,943	5,720	2,876	(D)
1997	44,158	1,726	9,546	6,349	13,040	11,500	5,431	24,128
2002 farms by inventory:								
1 to 24	25	3	2	14	27	10	13	5
25 to 49	21	2	7	8	12	8	5	1
50 to 99	21	-	6	6	17	11	2	9
100 or more	51	4	13	17	25	19	12	7
Other hogs and pigs	255	13	88	65	152	86	60	45
1997	381	50	133	117	299	187	104	94
number, 2002	386,164	8,739	134,561	96,386	104,355	59,077	44,575	(D)
1997	387,488	19,047	140,905	38,634	111,872	91,350	39,147	333,719
<b>SALES</b>								
Hogs and pigs sold	288	12	102	76	175	104	65	56
1997	397	51	150	140	335	208	113	103
number, 2002	1,407,079	25,112	524,828	271,393	324,531	157,456	97,119	934,964
1997	847,691	35,238	268,209	103,133	241,844	201,530	80,664	486,380
\$1,000, 2002	90,784	1,826	(D)	(D)	21,482	11,601	7,236	(D)
1997	84,922	3,713	27,313	10,464	27,774	20,370	9,146	67,283
2002 farms by number sold:								
1 to 24	11	3	8	3	18	14	10	6
number	142	14	62	(D)	119	142	110	85
25 to 49	3	-	4	2	9	7	6	1
number	105	-	(D)	(D)	336	260	250	(D)
50 to 99	7	-	1	5	9	3	3	2
number	408	-	(D)	379	626	186	(D)	(D)
100 to 199	9	1	7	6	11	10	1	7
number	1,329	(D)	1,089	768	1,439	1,403	(D)	886
200 to 499	37	1	11	12	34	12	7	5
number	12,288	(D)	3,539	3,775	10,632	4,191	2,199	1,521
500 to 999	34	1	13	12	27	16	9	10
number	25,767	(D)	8,841	7,977	19,430	12,147	5,837	6,833
1,000 or more	187	6	58	36	67	42	29	25
number	1,367,040	23,964	511,111	258,406	291,949	139,127	88,386	925,476



**Table 13. Poultry - Inventory and Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton	
<b>INVENTORY</b>								
Any poultry	farms, 2002 1997	2,658 2,922	21 21	16 15	12 11	22 38	10 14	34 43
Layers 20 weeks old and older	farms, 2002 1997	1,934 2,015	16 16	7 12	10 8	17 25	8 10	28 30
	number, 2002 1997	38,650,210 21,514,768	(D) (D)	93 2,057	950 438	295 410	(D) (D)	(D) (D)
2002 farms by inventory:								
1 to 49		1,498	13	7	5	17	4	22
50 to 99		188	2	-	-	-	2	2
100 to 399		126	-	-	5	-	1	3
400 to 3,199		26	-	-	-	-	-	-
3,200 to 9,999		21	-	-	-	-	-	-
10,000 to 19,999		8	-	-	-	-	-	-
20,000 to 49,999		10	-	-	-	-	1	-
50,000 to 99,999		11	-	-	-	-	-	-
100,000 or more		46	1	-	-	-	-	1
Pullets for laying flock replacement	farms, 2002 1997	472 (NA)	3 (NA)	4 (NA)	1 (NA)	6 (NA)	1 (NA)	10 (NA)
	number, 2002 1997	7,403,989 (NA)	(D) (NA)	74 (NA)	(D) (NA)	60 (NA)	(D) (NA)	417 (NA)
Broilers and other meat-type chickens	farms, 2002 1997	661 708	6 7	6 3	1 5	5 4	3 3	6 14
	number, 2002 1997	1,730,091 1,023,349	815 285	256,310 (D)	(D) (D)	78 533	(D) 124	1,245 738
Turkeys	farms, 2002 1997	355 373	3 -	2 -	1 2	3 -	3 2	5 7
	number, 2002 1997	3,681,862 2,552,845	86 -	(D) -	(D) (D)	16 -	(D) (D)	61 63
Ducks, geese, and other poultry <sup>1</sup>	farms, 2002 1997	934 835	7 3	4 -	3 1	6 14	4 2	8 8
<b>SALES</b>								
Any poultry sold	farms, 2002 1997	1,572 1,706	14 12	12 9	6 8	7 18	12 15	22 28
Layers and pullets sold (see text)	farms, 2002 1997	462 316	5 4	2 -	3 -	3 1	1 4	7 7
	number, 2002 1997	30,174,804 18,535,519	(D) (D)	(D) -	420 -	28 (D)	(D) (D)	(D) (D)
Layers 20 weeks old and older sold	farms, 2002 1997	337 276	4 4	1 -	2 -	1 -	1 4	5 7
	number, 2002 1997	18,389,060 11,037,203	(D) (D)	(D) -	(D) -	(D) -	(D) (D)	(D) (D)
Pullets for laying flock replacement sold	farms, 2002 1997	174 58	2 -	1 -	1 -	2 1	- -	3 -
	number, 2002 1997	11,785,744 7,498,316	(D) -	(D) -	(D) -	(D) (D)	- -	(D) -
Broilers and other meat-type chickens sold	farms, 2002 1997	629 565	7 9	7 3	2 5	1 2	5 7	14 16
	number, 2002 1997	9,558,127 6,919,963	1,762 2,085	1,485,222 610,000	(D) (D)	(D) (D)	440 1,418	7,365 8,203
2002 farms by number sold:								
1 to 1,999		557	7	3	1	1	5	13
2,000 to 59,999		51	-	-	1	-	-	1
60,000 to 99,999		2	-	-	-	-	-	-
100,000 to 199,999		2	-	-	-	-	-	-
200,000 to 499,999		11	-	4	-	-	-	-
500,000 or more		6	-	-	-	-	-	-
Turkeys sold	farms, 2002 1997	200 212	3 -	1 -	1 -	2 1	- -	9 9
	number, 2002 1997	9,145,415 7,279,822	80 -	(D) -	(D) -	(D) (D)	- -	247 306
Ducks, geese, and other poultry sold <sup>1</sup>	farms, 2002 1997	286 246	2 1	3 -	1 -	- 5	1 3	3 2

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>INVENTORY</b>							
Any poultry	27	30	39	60	20	31	17
1997	36	25	44	59	34	38	32
Layers 20 weeks old and older	19	22	25	39	8	28	11
1997	21	16	27	46	13	31	16
number, 2002	674	(D)	(D)	10,118	(D)	699	203
1997	(D)	(D)	(D)	(D)	(D)	(D)	374
2002 farms by inventory:							
1 to 49	18	17	20	28	6	24	10
50 to 99	-	2	1	4	-	2	-
100 to 399	1	1	3	3	-	2	1
400 to 3,199	-	-	-	3	-	-	-
3,200 to 9,999	-	-	-	1	-	-	-
10,000 to 19,999	-	-	1	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	-	2	-	-	2	-	-
Pullets for laying flock replacement	3	1	3	9	4	1	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	58	(D)	40	2,101	485,015	(D)	76
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens	4	9	14	31	2	6	5
1997	5	6	13	17	9	5	11
number, 2002	(D)	433	1,478	127,403	(D)	273	458
1997	288	508	1,635	40,413	928	(D)	3,073
Turkeys	4	1	10	4	8	1	6
1997	4	2	6	1	12	3	5
number, 2002	15	(D)	(D)	54	1,216,000	(D)	21
1997	(D)	(D)	(D)	(D)	652,179	(D)	(D)
Ducks, geese, and other poultry <sup>1</sup>	18	15	10	9	2	9	7
1997	17	7	18	10	9	10	9
<b>SALES</b>							
Any poultry sold	18	18	20	46	17	14	8
1997	33	17	26	35	32	28	14
Layers and pullets sold (see text)	5	3	6	7	4	2	1
1997	7	1	1	7	5	4	1
number, 2002	(D)	(D)	(D)	18,870	1,851,000	(D)	(D)
1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Layers 20 weeks old and older sold	3	2	5	2	2	2	1
1997	3	1	1	5	2	4	1
number, 2002	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Pullets for laying flock replacement sold	2	1	1	5	3	-	-
1997	4	-	-	3	3	-	-
number, 2002	(D)	(D)	(D)	(D)	(D)	-	-
1997	531,500	-	-	(D)	907,200	-	-
Broilers and other meat-type chickens sold	5	6	8	33	3	6	5
1997	8	8	10	15	8	8	5
number, 2002	1,445	720	(D)	617,665	975	1,044	(D)
1997	2,651	1,653	1,541	118,225	715	9,773	2,115
2002 farms by number sold:							
1 to 1,999	5	6	7	12	3	6	5
2,000 to 59,999	-	-	1	20	-	-	-
60,000 to 99,999	-	-	-	1	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-	-
Turkeys sold	-	-	3	1	9	2	1
1997	3	2	1	2	13	6	3
number, 2002	-	-	(D)	(D)	2,543,409	(D)	(D)
1997	(D)	(D)	(D)	(D)	1,633,552	48,799	148,000
Ducks, geese, and other poultry sold <sup>1</sup>	6	8	2	3	-	1	2
1997	9	3	5	6	2	4	1

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>INVENTORY</b>							
Any poultry . . . . . farms, 2002	25	19	39	22	18	22	25
1997	19	21	25	19	10	23	24
Layers 20 weeks old and older . . . . . farms, 2002	15	9	30	16	9	16	23
1997	14	12	18	(D)	6	18	20
number, 2002	440	(D)	715	(D)	589	773	907
1997	660	(D)	457	35,694	(D)	782	1,307
2002 farms by inventory:							
1 to 49 . . . . .	13	7	29	13	7	12	19
50 to 99 . . . . .	2	-	1	2	-	2	2
100 to 399 . . . . .	-	-	-	-	2	2	2
400 to 3,199 . . . . .	-	-	-	-	-	-	-
3,200 to 9,999 . . . . .	-	-	-	-	-	-	-
10,000 to 19,999 . . . . .	-	-	-	-	-	-	-
20,000 to 49,999 . . . . .	-	-	-	1	-	-	-
50,000 to 99,999 . . . . .	-	-	-	-	-	-	-
100,000 or more . . . . .	-	2	-	-	-	-	-
Pullets for laying flock replacement . . . . . farms, 2002	4	6	11	-	2	4	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	89	(D)	161	-	(D)	110	129
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens . . . . . farms, 2002	9	5	13	4	3	7	3
1997	7	9	10	3	2	6	1
number, 2002	1,200	(D)	398	352	200	185	(D)
1997	266	(D)	439	40	(D)	450	(D)
Turkeys . . . . . farms, 2002	6	1	1	3	2	3	4
1997	3	4	2	3	1	2	1
number, 2002	73	(D)	(D)	10	(D)	5	39
1997	10	(D)	(D)	8	(D)	(D)	(D)
Ducks, geese, and other poultry <sup>1</sup> . . . . . farms, 2002	15	4	18	12	6	12	8
1997	8	6	11	8	1	4	10
<b>SALES</b>							
Any poultry sold . . . . . farms, 2002	15	11	27	10	9	17	12
1997	15	8	13	10	9	17	13
Layers and pullets sold (see text) . . . . . farms, 2002	-	5	8	3	3	4	4
1997	1	1	-	3	-	3	2
number, 2002	-	(D)	101	(D)	(D)	375	45
1997	(D)	(D)	-	31,950	-	74	(D)
Layers 20 weeks old and older sold . . . . . farms, 2002	-	3	8	3	3	4	3
1997	1	-	-	3	-	3	2
number, 2002	-	(D)	101	(D)	(D)	(D)	(D)
1997	(D)	-	-	31,950	-	74	(D)
Pullets for laying flock replacement sold . . . . . farms, 2002	-	2	-	-	-	1	1
1997	-	1	-	-	-	-	-
number, 2002	-	(D)	-	-	-	(D)	(D)
1997	-	(D)	-	-	-	-	-
Broilers and other meat-type chickens sold . . . . . farms, 2002	7	6	13	3	2	9	1
1997	8	4	7	2	4	8	1
number, 2002	1,610	(D)	761	926	(D)	864	(D)
1997	3,075	(D)	1,011	(D)	1,850	(D)	(D)
2002 farms by number sold:							
1 to 1,999 . . . . .	7	5	13	3	2	9	1
2,000 to 59,999 . . . . .	-	-	-	-	-	-	-
60,000 to 99,999 . . . . .	-	-	-	-	-	-	-
100,000 to 199,999 . . . . .	-	-	-	-	-	-	-
200,000 to 499,999 . . . . .	-	-	-	-	-	-	-
500,000 or more . . . . .	-	1	-	-	-	-	-
Turkeys sold . . . . . farms, 2002	3	2	-	1	2	1	2
1997	4	-	4	-	1	1	-
number, 2002	184	(D)	-	(D)	(D)	(D)	(D)
1997	54	-	(D)	-	(D)	(D)	-
Ducks, geese, and other poultry sold <sup>1</sup> . . . . . farms, 2002	4	2	4	4	3	5	2
1997	-	-	5	3	-	-	2

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>INVENTORY</b>							
Any poultry . . . . . farms, 2002	21	45	42	24	46	85	29
1997	19	55	40	38	39	53	33
Layers 20 weeks old and older . . . . . farms, 2002	13	33	35	19	36	66	20
1997	9	46	26	25	29	46	21
number, 2002	(D)	407,381	1,748	(D)	287,668	1,505	613
1997	(D)	449,690	1,046	(D)	213,294	11,313	430
2002 farms by inventory:							
1 to 49 . . . . .	11	22	31	15	19	60	16
50 to 99 . . . . .	-	2	2	2	5	6	4
100 to 399 . . . . .	-	6	1	1	-	-	-
400 to 3,199 . . . . .	-	-	1	-	2	-	-
3,200 to 9,999 . . . . .	-	-	-	-	5	-	-
10,000 to 19,999 . . . . .	-	-	-	1	3	-	-
20,000 to 49,999 . . . . .	-	1	-	-	1	-	-
50,000 to 99,999 . . . . .	1	-	-	-	-	-	-
100,000 or more . . . . .	1	2	-	-	1	-	-
Pullets for laying flock replacement . . . . . farms, 2002	4	4	8	8	12	21	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	1,267,986	106	106	301	174,312	440	850
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens . . . . . farms, 2002	1	11	11	7	9	32	7
1997	8	5	11	14	5	11	11
number, 2002	(D)	(D)	1,151	135	1,229	976	540
1997	505	219	593	780	360	558	859
Turkeys . . . . . farms, 2002	1	4	7	6	5	10	4
1997	1	5	6	4	6	5	5
number, 2002	(D)	(D)	184	42	11	39	57
1997	(D)	(D)	161	31	(D)	21	28
Ducks, geese, and other poultry <sup>1</sup> . . . . . farms, 2002	6	16	25	12	12	16	10
1997	8	13	16	10	12	6	7
<b>SALES</b>							
Any poultry sold . . . . . farms, 2002	12	25	24	19	40	44	15
1997	17	30	23	17	25	20	14
Layers and pullets sold (see text) . . . . . farms, 2002	7	9	1	5	23	21	4
1997	4	8	2	2	13	6	3
number, 2002	3,358,539	386,742	(D)	(D)	651,835	1,393	757
1997	1,731,985	(D)	(D)	(D)	(D)	4,507	(D)
Layers 20 weeks old and older sold . . . . . farms, 2002	3	9	1	4	18	9	2
1997	2	6	2	2	11	3	2
number, 2002	(D)	386,742	(D)	(D)	206,885	145	(D)
1997	(D)	187,326	(D)	(D)	94,116	(D)	(D)
Pullets for laying flock replacement sold . . . . . farms, 2002	4	-	-	2	8	14	2
1997	2	2	-	-	2	3	1
number, 2002	(D)	-	-	(D)	444,950	1,248	(D)
1997	(D)	(D)	-	-	(D)	(D)	(D)
Broilers and other meat-type chickens sold . . . . . farms, 2002	4	10	14	9	10	15	2
1997	9	9	4	10	5	1	3
number, 2002	1,040	68,809	2,060	1,433	1,440	2,657	(D)
1997	2,477	3,050	277	1,666	1,421	(D)	250
2002 farms by number sold:							
1 to 1,999 . . . . .	4	7	14	9	10	15	2
2,000 to 59,999 . . . . .	-	3	-	-	-	-	-
60,000 to 99,999 . . . . .	-	-	-	-	-	-	-
100,000 to 199,999 . . . . .	-	-	-	-	-	-	-
200,000 to 499,999 . . . . .	-	-	-	-	-	-	-
500,000 or more . . . . .	-	-	-	-	-	-	-
Turkeys sold . . . . . farms, 2002	-	4	2	-	-	2	2
1997	-	2	3	3	-	1	-
number, 2002	-	(D)	(D)	-	-	(D)	(D)
1997	-	(D)	69	(D)	-	(D)	-
Ducks, geese, and other poultry sold <sup>1</sup> . . . . . farms, 2002	1	4	6	4	7	4	4
1997	3	-	3	3	3	1	4

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>INVENTORY</b>								
Any poultry . . . . . farms, 2002	26	14	5	30	10	30	23	16
1997	32	19	9	32	12	33	14	26
Layers 20 weeks old and older . . . . . farms, 2002	22	11	2	17	7	21	17	9
1997	26	12	5	23	8	22	6	21
number, 2002	1,079	240	(D)	668	(D)	(D)	3,395	(D)
1997	(D)	379	99	1,322	(D)	(D)	(D)	(D)
2002 farms by inventory:								
1 to 49 . . . . .	14	10	1	14	6	14	16	8
50 to 99 . . . . .	4	1	1	2	-	3	-	-
100 to 399 . . . . .	4	-	-	1	-	2	-	-
400 to 3,199 . . . . .	-	-	-	-	-	1	1	-
3,200 to 9,999 . . . . .	-	-	-	-	-	-	-	-
10,000 to 19,999 . . . . .	-	-	-	-	-	-	-	-
20,000 to 49,999 . . . . .	-	-	-	-	-	-	-	-
50,000 to 99,999 . . . . .	-	-	-	-	-	-	-	-
100,000 or more . . . . .	-	-	-	-	1	1	-	1
Pullets for laying flock replacement . . . . . farms, 2002	6	6	1	6	5	3	-	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	101	78	(D)	51	322	42	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens . . . . . farms, 2002	2	4	-	10	6	7	9	6
1997	5	6	-	7	3	9	5	6
number, 2002	(D)	80	-	667	409	740	460	224
1997	258	245	-	563	(D)	389	485	1,370
Turkeys . . . . . farms, 2002	2	4	1	7	2	2	4	1
1997	3	2	1	5	-	7	2	6
number, 2002	(D)	30	(D)	68	(D)	(D)	26	(D)
1997	22	(D)	(D)	25	-	(D)	(D)	33
Ducks, geese, and other poultry <sup>1</sup> . . . . . farms, 2002	13	7	4	12	5	9	8	6
1997	8	6	6	7	7	9	5	11
<b>SALES</b>								
Any poultry sold . . . . . farms, 2002	10	8	6	14	8	20	20	13
1997	15	11	5	22	12	18	14	17
Layers and pullets sold (see text) . . . . . farms, 2002	7	4	1	1	2	4	3	6
1997	4	3	-	3	5	2	1	8
number, 2002	392	90	(D)	(D)	(D)	749,235	(D)	(D)
1997	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)
Layers 20 weeks old and older sold . . . . . farms, 2002	5	3	1	1	2	2	2	4
1997	4	3	-	3	4	1	1	7
number, 2002	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1997	(D)	(D)	-	(D)	(D)	(D)	(D)	(D)
Pullets for laying flock replacement sold . . . . . farms, 2002	2	1	1	-	-	2	1	3
1997	-	-	-	-	5	2	-	1
number, 2002	(D)	(D)	(D)	-	-	(D)	(D)	(D)
1997	-	-	-	-	(D)	(D)	-	(D)
Broilers and other meat-type chickens sold . . . . . farms, 2002	4	3	2	5	5	6	12	5
1997	4	3	1	5	6	4	8	6
number, 2002	201	41	(D)	385	1,095	815	41,911	265
1997	265	200	(D)	687	1,440	315	(D)	1,437
2002 farms by number sold:								
1 to 1,999 . . . . .	4	3	2	5	5	6	10	5
2,000 to 59,999 . . . . .	-	-	-	-	-	-	2	-
60,000 to 99,999 . . . . .	-	-	-	-	-	-	-	-
100,000 to 199,999 . . . . .	-	-	-	-	-	-	-	-
200,000 to 499,999 . . . . .	-	-	-	-	-	-	-	-
500,000 or more . . . . .	-	-	-	-	-	-	-	-
Turkeys sold . . . . . farms, 2002	1	-	1	2	-	1	1	2
1997	1	-	-	4	-	3	1	-
number, 2002	(D)	-	(D)	(D)	-	(D)	(D)	(D)
1997	(D)	-	-	25	-	(D)	(D)	-
Ducks, geese, and other poultry sold <sup>1</sup> . . . . . farms, 2002	5	1	2	3	-	5	1	3
1997	2	5	3	5	6	3	2	2

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>INVENTORY</b>								
Any poultry . . . . . farms, 2002	4	7	17	27	31	18	19	35
1997	8	20	27	23	34	23	24	20
Layers 20 weeks old and older . . . . . farms, 2002	3	4	14	20	14	15	13	28
1997	6	14	14	21	13	15	15	13
number, 2002	223	(D)	398	(D)	(D)	(D)	(D)	763
1997	173	918	163,891	(D)	12,356	(D)	(D)	616
2002 farms by inventory:								
1 to 49 . . . . .	2	3	12	16	11	13	9	24
50 to 99 . . . . .	-	-	2	3	-	1	1	4
100 to 399 . . . . .	1	-	-	-	1	-	-	-
400 to 3,199 . . . . .	-	1	-	-	-	-	1	-
3,200 to 9,999 . . . . .	-	-	-	-	2	-	-	-
10,000 to 19,999 . . . . .	-	-	-	-	-	-	-	-
20,000 to 49,999 . . . . .	-	-	-	-	-	-	1	-
50,000 to 99,999 . . . . .	-	-	-	-	-	-	-	-
100,000 or more . . . . .	-	-	-	1	-	1	1	-
Pullets for laying flock replacement . . . . . farms, 2002	1	1	1	5	-	2	3	8
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	(D)	(D)	(D)	351	-	(D)	46	60
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens . . . . . farms, 2002	1	2	6	9	2	4	1	11
1997	1	14	5	7	6	3	8	5
number, 2002	(D)	(D)	1,067	702	(D)	(D)	(D)	2,690
1997	(D)	2,859	1,500	662	229	460	390	560
Turkeys . . . . . farms, 2002	1	-	2	4	16	3	1	-
1997	1	6	5	1	12	4	2	-
number, 2002	(D)	(D)	(D)	33	1,144,923	21	(D)	-
1997	(D)	23	(D)	(D)	655,000	55	(D)	-
Ducks, geese, and other poultry <sup>1</sup> . . . . . farms, 2002	3	5	7	12	5	5	5	9
1997	2	8	8	3	5	11	6	5
<b>SALES</b>								
Any poultry sold . . . . . farms, 2002	2	4	11	15	23	12	14	12
1997	4	13	20	8	33	12	12	8
Layers and pullets sold (see text) . . . . . farms, 2002	1	-	3	4	3	2	1	4
1997	-	-	6	4	4	2	4	2
number, 2002	(D)	-	(D)	(D)	(D)	(D)	(D)	91
1997	-	-	146,838	(D)	(D)	(D)	121,026	(D)
Layers 20 weeks old and older sold . . . . . farms, 2002	1	-	3	3	3	2	1	3
1997	-	-	6	4	4	2	4	2
number, 2002	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
1997	-	-	146,838	(D)	(D)	(D)	121,026	(D)
Pullets for laying flock replacement sold . . . . . farms, 2002	-	-	2	1	-	-	-	1
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	(D)	(D)	-	-	-	(D)
1997	-	-	-	-	-	-	-	-
Broilers and other meat-type chickens sold . . . . . farms, 2002	1	2	7	7	4	5	5	7
1997	1	11	7	2	3	2	4	5
number, 2002	(D)	(D)	1,275	1,700	(D)	1,050	935	(D)
1997	(D)	1,944	2,715	(D)	(D)	(D)	708	(D)
2002 farms by number sold:								
1 to 1,999 . . . . .	1	2	7	7	3	5	5	6
2,000 to 59,999 . . . . .	-	-	-	-	-	-	-	1
60,000 to 99,999 . . . . .	-	-	-	-	-	-	-	-
100,000 to 199,999 . . . . .	-	-	-	-	-	-	-	-
200,000 to 499,999 . . . . .	-	-	-	-	-	-	-	-
500,000 or more . . . . .	-	-	-	-	1	-	-	-
Turkeys sold . . . . . farms, 2002	-	-	1	1	16	-	1	-
1997	-	-	2	1	16	2	1	-
number, 2002	-	-	(D)	(D)	3,119,327	-	(D)	-
1997	-	-	(D)	(D)	1,735,990	(D)	(D)	-
Ducks, geese, and other poultry sold <sup>1</sup> . . . . . farms, 2002	1	1	4	3	2	3	1	3
1997	-	-	5	2	2	3	-	1

See footnote(s) at end of table.

--continued

**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>INVENTORY</b>								
Any poultry	32	35	9	16	31	50	23	24
1997	28	43	17	19	24	45	41	20
Layers 20 weeks old and older	15	28	7	14	24	31	22	21
1997	12	31	11	15	13	27	26	16
number, 2002	387	805	(D)	402	1,095	(D)	(D)	778
1997	372	1,439	133,062	1,201	858	(D)	(D)	888
2002 farms by inventory:								
1 to 49	14	23	1	12	17	27	17	18
50 to 99	-	4	1	1	3	2	2	-
100 to 399	1	1	2	1	4	1	1	3
400 to 3,199	-	-	1	-	-	-	-	-
3,200 to 9,999	-	-	-	-	-	-	2	-
10,000 to 19,999	-	-	1	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-	-	-
50,000 to 99,999	-	-	1	-	-	-	-	-
100,000 or more	-	-	-	-	-	1	-	-
Pullets for laying flock replacement	3	3	-	3	7	6	4	7
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	(D)	80	(NA)	104	171	166	139	108
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens	3	16	2	2	6	16	5	7
1997	5	17	4	6	7	14	6	6
number, 2002	57	15,257	(D)	(D)	207	6,828	604	(D)
1997	350	814	(D)	1,495	1,354	837	237	201
Turkeys	14	7	-	1	4	4	-	2
1997	13	5	2	1	6	9	2	3
number, 2002	338,264	38	(D)	(D)	(D)	(D)	(D)	(D)
1997	128,362	11	(D)	(D)	(D)	179	(D)	(D)
Ducks, geese, and other poultry <sup>1</sup>	4	16	3	7	13	19	3	9
1997	5	8	2	2	4	12	17	3
<b>SALES</b>								
Any poultry sold	21	20	11	14	22	16	21	11
1997	25	23	13	8	17	25	21	9
Layers and pullets sold (see text)	4	4	4	2	9	1	7	4
1997	4	-	6	4	-	2	2	1
number, 2002	(D)	103	(D)	(D)	242	(D)	(D)	58
1997	(D)	-	131,045	(D)	-	(D)	(D)	(D)
Layers 20 weeks old and older sold	2	4	4	2	8	1	5	2
1997	3	-	6	4	-	2	2	1
number, 2002	(D)	103	(D)	(D)	(D)	(D)	(D)	(D)
1997	135	-	131,045	326	-	(D)	(D)	(D)
Pullets for laying flock replacement sold	3	-	-	-	1	-	2	3
1997	1	-	-	1	-	1	-	-
number, 2002	(D)	-	-	-	(D)	-	(D)	(D)
1997	(D)	-	-	(D)	-	(D)	-	-
Broilers and other meat-type chickens sold	4	15	6	5	8	5	13	5
1997	2	5	4	3	5	8	8	2
number, 2002	(D)	63,523	1,415	761	2,580	(D)	3,266	686
1997	(D)	325	(D)	(D)	485	2,150	3,031	(D)
2002 farms by number sold:								
1 to 1,999	4	11	6	5	8	4	13	5
2,000 to 59,999	-	4	-	-	-	1	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-	-	-
Turkeys sold	14	2	-	1	3	2	1	1
1997	17	2	1	-	2	3	-	-
number, 2002	653,100	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1997	507,112	(D)	(D)	-	(D)	140	-	-
Ducks, geese, and other poultry sold <sup>1</sup>	-	3	1	4	3	4	3	2
1997	2	1	-	-	2	3	9	1

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>INVENTORY</b>								
Any poultry . . . . . farms, 2002	77	32	17	28	28	46	16	34
1997	91	28	20	36	37	60	9	30
Layers 20 weeks old and older . . . . . farms, 2002	62	22	12	16	22	39	12	23
1997	65	18	15	22	20	49	6	24
number, 2002	226,535	1,218	454	2,787	633	1,218	217	484
1997	64,083	369	(D)	9,583	1,440	1,475	94	444
2002 farms by inventory:								
1 to 49 . . . . .	37	15	9	11	15	31	11	21
50 to 99 . . . . .	9	6	1	2	7	5	1	1
100 to 399 . . . . .	7	-	2	-	-	3	-	1
400 to 3,199 . . . . .	3	1	-	1	-	-	-	-
3,200 to 9,999 . . . . .	4	-	-	-	-	-	-	-
10,000 to 19,999 . . . . .	-	-	-	-	-	-	-	-
20,000 to 49,999 . . . . .	-	-	-	-	-	-	-	-
50,000 to 99,999 . . . . .	1	-	-	-	-	-	-	-
100,000 or more . . . . .	1	-	-	-	-	-	-	-
Pullets for laying flock replacement . . . . . farms, 2002	17	5	3	5	6	4	3	7
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	(D)	75	104	118	194	63	19	124
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens . . . . . farms, 2002	17	13	1	10	5	12	2	6
1997	17	7	3	11	5	18	1	6
number, 2002	7,847	2,875	(D)	468	112	590	(D)	291
1997	4,048	348	900	2,235	75	463	(D)	1,020
Turkeys . . . . . farms, 2002	8	5	2	8	5	9	4	4
1997	6	4	2	6	2	12	2	2
number, 2002	19,618	69	(D)	72	18	68	(D)	51
1997	35,214	32	(D)	76	(D)	120	(D)	(D)
Ducks, geese, and other poultry <sup>1</sup> . . . . . farms, 2002	18	15	8	17	14	24	7	10
1997	25	5	5	13	19	17	3	7
<b>SALES</b>								
Any poultry sold . . . . . farms, 2002	46	13	9	17	14	31	6	12
1997	67	10	13	27	17	32	6	9
Layers and pullets sold (see text) . . . . . farms, 2002	19	2	4	4	5	10	1	5
1997	18	1	4	3	3	6	-	1
number, 2002	196,259	(D)	338	(D)	405	374	(D)	89
1997	99,075	(D)	(D)	(D)	(D)	(D)	-	(D)
Layers 20 weeks old and older sold . . . . . farms, 2002	12	2	3	2	3	8	1	2
1997	12	1	3	3	3	6	-	1
number, 2002	(D)	(D)	(D)	(D)	(D)	344	(D)	(D)
1997	(D)	(D)	(D)	(D)	(D)	263	-	(D)
Pullets for laying flock replacement sold . . . . . farms, 2002	12	-	1	2	2	3	1	3
1997	7	-	2	-	1	1	-	-
number, 2002	(D)	-	(D)	(D)	(D)	30	(D)	(D)
1997	(D)	-	(D)	-	(D)	(D)	-	-
Broilers and other meat-type chickens sold . . . . . farms, 2002	10	6	5	5	5	17	2	1
1997	12	6	4	10	-	12	2	4
number, 2002	31,322	7,700	724	310	637	2,462	(D)	(D)
1997	10,537	1,176	960	8,142	-	1,858	(D)	950
2002 farms by number sold:								
1 to 1,999 . . . . .	8	5	5	5	5	17	2	1
2,000 to 59,999 . . . . .	2	1	-	-	-	-	-	-
60,000 to 99,999 . . . . .	-	-	-	-	-	-	-	-
100,000 to 199,999 . . . . .	-	-	-	-	-	-	-	-
200,000 to 499,999 . . . . .	-	-	-	-	-	-	-	-
500,000 or more . . . . .	-	-	-	-	-	-	-	-
Turkeys sold . . . . . farms, 2002	6	2	2	1	1	11	1	-
1997	5	3	1	9	-	6	3	-
number, 2002	73,900	(D)	(D)	(D)	(D)	186	(D)	-
1997	111,361	46	(D)	(D)	-	85	(D)	-
Ducks, geese, and other poultry sold <sup>1</sup> . . . . . farms, 2002	4	3	1	3	7	10	1	4
1997	11	1	4	5	8	7	1	-

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>INVENTORY</b>								
Any poultry . . . . . farms, 2002	31	30	20	40	17	9	48	10
1997	38	43	13	36	20	16	46	16
Layers 20 weeks old and older . . . . . farms, 2002	21	25	17	35	11	7	42	5
1997	17	33	11	28	17	13	42	11
number, 2002	(D)	(D)	(D)	908	251	180	(D)	243
1997	(D)	(D)	(D)	806	(D)	342	280,178	228
2002 farms by inventory:								
1 to 49 . . . . .	14	21	12	30	11	7	31	4
50 to 99 . . . . .	3	3	2	4	-	-	5	-
100 to 399 . . . . .	3	-	2	1	-	-	4	1
400 to 3,199 . . . . .	-	-	-	-	-	-	-	-
3,200 to 9,999 . . . . .	-	-	-	-	-	-	-	-
10,000 to 19,999 . . . . .	-	-	-	-	-	-	-	-
20,000 to 49,999 . . . . .	-	-	-	-	-	-	-	-
50,000 to 99,999 . . . . .	-	-	-	-	-	-	-	-
100,000 or more . . . . .	1	1	1	-	-	-	1	-
Pullets for laying flock replacement . . . . . farms, 2002	5	5	1	5	3	1	5	5
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	109	(D)	(D)	237	(D)	(D)	(D)	331
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens . . . . . farms, 2002	13	3	4	8	2	-	14	3
1997	10	10	2	8	3	5	10	3
number, 2002	(D)	130	44	505	(D)	-	6,769	(D)
1997	(D)	612	(D)	(D)	400	325	1,003	450
Turkeys . . . . . farms, 2002	2	4	1	7	-	1	6	-
1997	5	6	-	1	-	2	2	4
number, 2002	(D)	26	(D)	33	-	(D)	(D)	-
1997	35	72	-	(D)	-	(D)	(D)	41
Ducks, geese, and other poultry <sup>1</sup> . . . . . farms, 2002	5	10	8	11	5	5	16	2
1997	13	15	4	10	7	3	5	6
<b>SALES</b>								
Any poultry sold . . . . . farms, 2002	18	11	6	19	13	4	33	9
1997	24	10	6	13	11	3	39	5
Layers and pullets sold (see text) . . . . . farms, 2002	7	2	2	5	5	3	4	4
1997	4	2	2	3	4	-	10	-
number, 2002	(D)	(D)	(D)	191	(D)	70	(D)	127
1997	(D)	(D)	(D)	(D)	(D)	-	(D)	-
Layers 20 weeks old and older sold . . . . . farms, 2002	7	2	2	4	2	3	3	3
1997	4	2	2	3	4	-	9	-
number, 2002	(D)	(D)	(D)	158	(D)	70	(D)	(D)
1997	(D)	(D)	(D)	(D)	(D)	-	337,566	-
Pullets for laying flock replacement sold . . . . . farms, 2002	1	1	-	4	3	-	2	1
1997	-	-	-	-	-	-	1	-
number, 2002	(D)	(D)	-	33	(D)	-	(D)	(D)
1997	-	-	-	-	-	-	(D)	-
Broilers and other meat-type chickens sold . . . . . farms, 2002	9	1	-	7	3	1	15	4
1997	13	1	2	6	7	2	16	2
number, 2002	(D)	(D)	-	1,021	500	(D)	112,854	765
1997	404,682	(D)	(D)	307	1,645	(D)	(D)	(D)
2002 farms by number sold:								
1 to 1,999 . . . . .	8	1	-	7	3	1	11	4
2,000 to 59,999 . . . . .	-	-	-	-	-	-	4	-
60,000 to 99,999 . . . . .	-	-	-	-	-	-	-	-
100,000 to 199,999 . . . . .	-	-	-	-	-	-	-	-
200,000 to 499,999 . . . . .	1	-	-	-	-	-	-	-
500,000 or more . . . . .	-	-	-	-	-	-	-	-
Turkeys sold . . . . . farms, 2002	2	2	-	1	1	1	3	-
1997	1	1	-	-	5	1	2	1
number, 2002	(D)	(D)	-	(D)	(D)	(D)	(D)	-
1997	(D)	(D)	-	-	96	(D)	(D)	(D)
Ducks, geese, and other poultry sold <sup>1</sup> . . . . . farms, 2002	4	1	1	5	2	4	5	-
1997	6	-	-	-	2	1	3	1

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>INVENTORY</b>								
Any poultry	17	9	36	20	12	18	12	33
1997	20	12	45	33	12	14	21	37
Layers 20 weeks old and older	12	6	23	15	8	13	9	19
1997	10	10	32	23	10	11	12	31
number, 2002	391	(D)	397	463,427	(D)	922	1,631,815	690
1997	179	(D)	2,260	304,908	(D)	841	817,567	7,913
2002 farms by inventory:								
1 to 49	9	3	21	7	4	9	4	14
50 to 99	3	1	2	1	-	-	2	4
100 to 399	-	1	-	3	1	4	-	1
400 to 3,199	-	-	-	1	-	-	-	-
3,200 to 9,999	-	-	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-	-	-
50,000 to 99,999	-	-	-	1	2	-	-	-
100,000 or more	-	1	-	2	1	-	3	-
Pullets for laying flock replacement	3	2	9	2	3	5	-	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	49	(D)	206	(D)	(D)	585	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens	2	5	12	7	2	7	4	8
1997	-	3	7	4	1	1	6	5
number, 2002	(D)	144	298	(D)	(D)	1,111	(D)	721
1997	-	200	490	225	(D)	(D)	1,520	199
Turkeys	-	-	6	3	1	1	-	7
1997	7	2	5	2	-	2	4	4
number, 2002	-	-	(D)	14	(D)	(D)	-	40
1997	(D)	(D)	(D)	(D)	-	(D)	(D)	41
Ducks, geese, and other poultry <sup>1</sup>	7	2	14	4	1	3	6	16
1997	4	7	13	8	1	5	8	14
<b>SALES</b>								
Any poultry sold	10	3	20	16	10	8	8	13
1997	5	8	26	18	10	7	17	20
Layers and pullets sold (see text)	3	1	9	7	5	4	3	4
1997	-	2	7	6	4	-	-	2
number, 2002	155	(D)	585	282,576	(D)	426	876,859	(D)
1997	-	(D)	697	279,161	(D)	-	-	(D)
Layers 20 weeks old and older sold	1	1	4	6	4	3	3	2
1997	-	2	7	6	4	-	-	2
number, 2002	(D)	(D)	375	(D)	(D)	(D)	876,859	(D)
1997	-	(D)	697	279,161	614,837	-	-	(D)
Pullets for laying flock replacement sold	2	-	5	1	2	2	-	2
1997	-	-	-	-	1	-	-	-
number, 2002	(D)	-	210	(D)	(D)	(D)	-	(D)
1997	-	-	-	-	(D)	-	-	-
Broilers and other meat-type chickens sold	1	-	8	6	4	5	4	5
1997	-	1	7	9	4	2	10	4
number, 2002	(D)	-	642	(D)	267	630	1,106	718
1997	-	(D)	1,250	(D)	(D)	(D)	3,162	(D)
2002 farms by number sold:								
1 to 1,999	1	-	8	4	4	5	4	5
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	2	-	-	-	-
500,000 or more	-	-	-	-	-	-	-	-
Turkeys sold	-	-	3	1	1	1	2	2
1997	-	-	4	-	1	-	3	-
number, 2002	-	-	(D)	(D)	(D)	(D)	(D)	(D)
1997	-	-	(D)	-	(D)	-	(D)	-
Ducks, geese, and other poultry sold <sup>1</sup>	2	-	6	2	-	1	2	3
1997	2	-	5	3	-	-	1	1

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>INVENTORY</b>								
Any poultry	10	35	36	24	30	16	17	16
..... farms, 2002	10	39	46	26	20	36	31	26
..... farms, 1997								
Layers 20 weeks old and older	9	23	27	19	22	8	13	13
..... farms, 2002	9	21	32	12	14	14	25	20
..... farms, 1997	(D)	641	906	(D)	1,890	(D)	2,033	264
..... number, 2002	(D)	322	989	(D)	313	96,182	2,168	654
..... number, 1997	(D)							
2002 farms by inventory:								
1 to 49	7	18	20	13	20	3	10	13
50 to 99	-	4	6	3	1	4	1	-
100 to 399	1	1	1	2	-	-	1	-
400 to 3,199	-	-	-	-	1	-	1	-
3,200 to 9,999	-	-	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	1	-	-
50,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	1	-	-	1	-	-	-	-
Pullets for laying flock replacement	1	6	3	8	7	2	3	3
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... farms, 1997	(D)	105	116	(D)	345	(D)	(D)	40
..... number, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... number, 1997	(NA)							
Broilers and other meat-type chickens	2	7	7	7	6	4	1	2
..... farms, 2002	1	13	20	9	9	6	6	8
..... farms, 1997	(D)	776	335	443	(D)	502	(D)	(D)
..... number, 2002	(D)	665	1,204	402	(D)	517	(D)	679
..... number, 1997	(D)							
Turkeys	1	3	3	1	2	5	4	4
..... farms, 2002	2	6	4	3	4	7	4	2
..... farms, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
..... number, 2002	(D)	47	38	6	9	(D)	(D)	(D)
..... number, 1997	(D)							
Ducks, geese, and other poultry <sup>1</sup>	3	15	16	6	9	8	6	5
..... farms, 2002	1	20	14	9	4	15	11	7
..... farms, 1997								
<b>SALES</b>								
Any poultry sold	6	23	25	14	14	10	13	11
..... farms, 2002	10	17	24	14	7	17	17	23
..... farms, 1997								
Layers and pullets sold (see text)	4	8	8	5	5	2	5	1
..... farms, 2002	-	2	5	2	-	4	1	3
..... farms, 1997	(D)	593	416	(D)	277	(D)	(D)	(D)
..... number, 2002	-	(D)	132	(D)	-	86,697	(D)	(D)
..... number, 1997	-							
Layers 20 weeks old and older sold	4	5	7	4	2	1	4	1
..... farms, 2002	-	1	5	1	-	4	1	3
..... farms, 1997	(D)	192	250	(D)	(D)	(D)	(D)	(D)
..... number, 2002	-	(D)	132	(D)	-	86,697	(D)	(D)
..... number, 1997	-							
Pullets for laying flock replacement sold	-	5	3	2	3	1	2	-
..... farms, 2002	-	1	-	1	-	-	-	-
..... farms, 1997	-	401	166	(D)	(D)	(D)	(D)	-
..... number, 2002	-	(D)	-	(D)	-	-	-	-
..... number, 1997	-							
Broilers and other meat-type chickens sold	2	12	7	6	5	6	2	10
..... farms, 2002	3	5	9	5	4	5	2	10
..... farms, 1997	(D)	1,834	1,246	417	(D)	1,137	(D)	3,585
..... number, 2002	(D)	6,605	874	105	(D)	425	(D)	1,534
..... number, 1997	(D)							
2002 farms by number sold:								
1 to 1,999	2	12	7	6	4	6	2	10
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more	-	-	-	-	1	-	-	-
Turkeys sold	1	5	3	1	-	1	4	-
..... farms, 2002	1	2	-	-	-	2	4	4
..... farms, 1997	(D)	152	88	(D)	-	(D)	(D)	-
..... number, 2002	(D)	(D)	-	-	-	(D)	(D)	53
..... number, 1997	(D)							
Ducks, geese, and other poultry sold <sup>1</sup>	1	7	7	1	-	1	2	-
..... farms, 2002	-	4	7	5	-	5	4	5
..... farms, 1997								

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>INVENTORY</b>								
Any poultry . . . . . farms, 2002	61	18	28	16	13	30	23	46
1997	49	23	53	28	33	32	23	41
Layers 20 weeks old and older . . . . . farms, 2002	37	14	19	10	10	24	17	35
1997	32	16	37	22	14	25	17	30
number, 2002	2,287,648	1,910	1,293	(D)	184	714	405	826
1997	1,573,931	1,132	1,242	(D)	180	1,021	546	664
2002 farms by inventory:								
1 to 49 . . . . .	21	8	15	5	10	23	15	30
50 to 99 . . . . .	-	3	1	2	-	-	1	4
100 to 399 . . . . .	6	1	2	2	-	1	1	1
400 to 3,199 . . . . .	-	2	1	-	-	-	-	-
3,200 to 9,999 . . . . .	-	-	-	-	-	-	-	-
10,000 to 19,999 . . . . .	-	-	-	-	-	-	-	-
20,000 to 49,999 . . . . .	1	-	-	-	-	-	-	-
50,000 to 99,999 . . . . .	2	-	-	-	-	-	-	-
100,000 or more . . . . .	7	-	-	1	-	-	-	-
Pullets for laying flock replacement . . . . . farms, 2002	11	6	7	3	4	16	5	7
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	(D)	(D)	153	(D)	142	453	89	160
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens . . . . . farms, 2002	23	2	11	4	3	7	5	4
1997	12	10	10	4	12	10	3	13
number, 2002	405,561	(D)	690	(D)	(D)	180	(D)	139
1997	221,062	894	975	(D)	(D)	387	(D)	735
Turkeys . . . . . farms, 2002	6	3	6	1	2	2	1	5
1997	3	6	4	2	8	1	2	7
number, 2002	59	(D)	104	(D)	(D)	(D)	(D)	11
1997	6	(D)	34	(D)	118	(D)	(D)	47
Ducks, geese, and other poultry <sup>1</sup> . . . . . farms, 2002	12	8	14	5	3	14	12	19
1997	10	5	19	7	12	4	4	20
<b>SALES</b>								
Any poultry sold . . . . . farms, 2002	41	18	16	10	6	15	8	23
1997	52	15	29	12	10	13	6	9
Layers and pullets sold (see text) . . . . . farms, 2002	15	3	1	2	-	8	2	14
1997	13	3	3	4	-	2	1	4
number, 2002	2,010,407	(D)	(D)	(D)	-	747	(D)	458
1997	(D)	962	(D)	(D)	-	(D)	(D)	(D)
Layers 20 weeks old and older sold . . . . . farms, 2002	12	3	1	2	-	5	2	11
1997	13	3	3	4	-	2	1	3
number, 2002	(D)	(D)	(D)	(D)	-	242	(D)	319
1997	373,000	962	(D)	(D)	-	(D)	(D)	85
Pullets for laying flock replacement sold . . . . . farms, 2002	3	1	1	1	-	5	-	5
1997	1	-	-	-	-	-	-	2
number, 2002	(D)	(D)	(D)	(D)	-	505	-	139
1997	(D)	-	-	-	-	-	-	(D)
Broilers and other meat-type chickens sold . . . . . farms, 2002	19	9	4	3	3	3	4	6
1997	24	7	10	5	8	4	2	3
number, 2002	2,448,881	3,893	475	(D)	(D)	(D)	970	805
1997	2,472,265	4,300	1,104	(D)	(D)	248	(D)	(D)
2002 farms by number sold:								
1 to 1,999 . . . . .	13	9	4	1	2	3	4	6
2,000 to 59,999 . . . . .	1	-	-	-	-	-	-	-
60,000 to 99,999 . . . . .	-	-	-	-	-	-	-	-
100,000 to 199,999 . . . . .	-	-	-	1	-	-	-	-
200,000 to 499,999 . . . . .	3	-	-	1	-	-	-	-
500,000 or more . . . . .	2	-	-	-	1	-	-	-
Turkeys sold . . . . . farms, 2002	3	4	3	-	2	2	-	-
1997	2	3	3	-	2	-	-	2
number, 2002	(D)	(D)	(D)	-	(D)	(D)	-	-
1997	(D)	(D)	(D)	-	(D)	-	-	(D)
Ducks, geese, and other poultry sold <sup>1</sup> . . . . . farms, 2002	-	2	4	2	2	4	-	7
1997	2	1	6	2	-	2	-	2

See footnote(s) at end of table.

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**Table 13. Poultry - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>INVENTORY</b>								
Any poultry	86	11	23	23	41	46	19	17
1997	77	15	24	18	49	45	11	13
Layers 20 weeks old and older	58	11	18	17	34	36	16	11
1997	52	11	21	10	38	40	4	9
number, 2002	166,782	427	(D)	(D)	241,266	901	219	(D)
1997	399,883	255	(D)	659	(D)	1,416	(D)	(D)
2002 farms by inventory:								
1 to 49	38	9	14	14	22	29	15	8
50 to 99	4	1	2	-	2	6	1	-
100 to 399	3	1	-	1	7	1	-	-
400 to 3,199	3	-	-	1	-	-	-	-
3,200 to 9,999	7	-	-	-	-	-	-	-
10,000 to 19,999	1	-	-	-	1	-	-	-
20,000 to 49,999	1	-	1	-	1	-	-	-
50,000 to 99,999	1	-	-	-	-	-	-	1
100,000 or more	-	-	1	1	1	-	-	2
Pullets for laying flock replacement	18	3	2	6	6	8	1	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	61,164	85	(D)	(D)	674	387	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens	12	5	2	5	13	5	3	4
1997	14	2	2	6	14	14	5	3
number, 2002	23,647	157	(D)	60	(D)	416	13	256
1997	(D)	(D)	(D)	177	762	552	413	276
Turkeys	14	3	1	1	5	6	2	-
1997	15	3	1	3	4	4	4	2
number, 2002	257,750	4	(D)	(D)	31	(D)	(D)	-
1997	325,130	10	(D)	(D)	18	(D)	(D)	(D)
Ducks, geese, and other poultry <sup>1</sup>	24	2	12	10	16	18	2	4
1997	7	5	12	8	15	15	2	4
<b>SALES</b>								
Any poultry sold	63	4	8	12	26	19	8	8
1997	52	6	12	12	32	22	12	9
Layers and pullets sold (see text)	17	2	2	2	7	-	1	3
1997	7	1	3	2	8	5	2	2
number, 2002	229,089	(D)	(D)	(D)	134,662	-	(D)	(D)
1997	(D)	(D)	(D)	(D)	60,221	62	(D)	(D)
Layers 20 weeks old and older sold	9	2	2	2	6	-	1	3
1997	5	1	3	2	7	5	2	1
number, 2002	129,330	(D)	(D)	(D)	(D)	-	(D)	(D)
1997	210,850	(D)	(D)	(D)	(D)	62	(D)	(D)
Pullets for laying flock replacement sold	10	1	1	-	1	-	-	1
1997	4	-	1	-	1	-	-	1
number, 2002	99,759	(D)	(D)	-	(D)	-	-	(D)
1997	(D)	-	(D)	-	(D)	-	-	(D)
Broilers and other meat-type chickens sold	20	2	3	8	10	4	4	5
1997	13	1	1	3	5	5	6	1
number, 2002	58,920	(D)	(D)	789	255,750	525	189	415
1997	(D)	(D)	(D)	(D)	475	1,960	930	(D)
2002 farms by number sold:								
1 to 1,999	12	2	3	8	7	4	4	5
2,000 to 59,999	8	-	-	-	1	-	-	-
60,000 to 99,999	-	-	-	-	1	-	-	-
100,000 to 199,999	-	-	-	-	1	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more	-	-	-	-	-	-	-	-
Turkeys sold	15	-	-	-	3	2	2	1
1997	19	-	1	-	1	2	3	-
number, 2002	597,119	-	-	-	(D)	(D)	(D)	(D)
1997	775,970	-	(D)	-	(D)	(D)	(D)	-
Ducks, geese, and other poultry sold <sup>1</sup>	10	3	3	1	7	7	-	-
1997	-	3	-	1	4	2	1	1

<sup>1</sup> Data include emus and ostriches.

**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>DUCKS</b>				
<b>State Total</b>				
Iowa .....	550	10,321	126	(D)
..... 2002	472	9,652	111	6,377
..... 1997				
<b>Counties, 2002</b>				
Adair .....	4	42	1	(D)
Adams .....	2	(D)	1	(D)
Allamakee .....	2	(D)	-	-
Appanoose .....	3	7	-	-
Audubon .....	3	(D)	-	-
Benton .....	4	19	3	24
Black Hawk .....	4	15	4	77
Boone .....	6	49	3	18
Bremer .....	6	82	1	(D)
Buchanan .....	3	45	-	-
Butler .....	8	58	1	(D)
Calhoun .....	4	88	2	(D)
Carroll .....	11	220	3	54
Cass .....	4	69	2	(D)
Cedar .....	16	175	1	(D)
Cerro Gordo .....	7	58	4	(D)
Cherokee .....	5	169	3	(D)
Chickasaw .....	6	129	2	(D)
Clarke .....	2	(D)	-	-
Clay .....	2	(D)	-	-
Clayton .....	10	73	2	(D)
Clinton .....	20	609	5	68
Crawford .....	7	100	3	(D)
Dallas .....	9	148	2	(D)
Davis .....	3	62	-	-
Decatur .....	5	25	-	-
Delaware .....	8	132	2	(D)
Des Moines .....	5	64	-	-
Dickinson .....	2	(D)	-	-
Dubuque .....	5	124	-	-
Emmet .....	5	47	-	-
Fayette .....	3	(D)	1	(D)
Floyd .....	7	76	1	(D)
Franklin .....	2	(D)	2	(D)
Fremont .....	2	(D)	-	-
Greene .....	1	(D)	1	(D)
Grundy .....	2	(D)	2	(D)
Guthrie .....	8	70	-	-
Hamilton .....	4	32	1	(D)
Hancock .....	2	(D)	2	(D)
Hardin .....	5	30	1	(D)
Harrison .....	4	48	1	(D)
Henry .....	3	42	-	-
Howard .....	16	120	3	18
Humboldt .....	1	(D)	-	-
Ida .....	3	(D)	2	(D)
Iowa .....	8	132	1	(D)
Jackson .....	15	457	-	-
Jasper .....	1	(D)	-	-
Jefferson .....	7	50	-	-
Johnson .....	9	107	3	72
Jones .....	9	87	2	(D)
Keokuk .....	3	32	-	-
Kossuth .....	14	296	-	-
Lee .....	7	87	1	(D)
Linn .....	13	150	7	111
Louisa .....	5	70	1	(D)
Lucas .....	8	335	1	(D)
Lyon .....	3	54	4	163
Madison .....	8	123	1	(D)
Mahaska .....	2	(D)	-	-
Marion .....	4	8	3	52
Marshall .....	2	(D)	-	-
Mills .....	5	117	3	63
Mitchell .....	11	98	2	(D)
Monona .....	1	(D)	-	-
Monroe .....	2	(D)	-	-
Muscatine .....	10	128	4	23
O'Brien .....	4	46	1	(D)
Osceola .....	1	(D)	-	-
Page .....	2	(D)	-	-
Palo Alto .....	4	38	1	(D)
Plymouth .....	11	410	2	(D)
Pocahontas .....	3	(D)	1	(D)
Polk .....	10	148	4	26
Pottawattamie .....	8	109	1	(D)
Poweshiek .....	3	31	-	-
Ringgold .....	4	19	-	-
Sac .....	4	172	-	-
Scott .....	3	15	1	(D)
Shelby .....	1	(D)	-	-
Sioux .....	4	16	-	-
Story .....	5	91	1	(D)
Tama .....	9	434	1	(D)
Taylor .....	2	(D)	1	(D)
Union .....	1	(D)	1	(D)
Van Buren .....	5	144	3	916
Wapello .....	10	79	-	-

--continued

**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>DUCKS - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Warren .....	17	111	3	17
Washington .....	15	857	4	(D)
Wayne .....	2	(D)	1	(D)
Webster .....	5	30	1	(D)
Winnebago .....	6	65	1	(D)
Winneshiek .....	9	(D)	3	(D)
Woodbury .....	7	63	-	-
Worth .....	2	(D)	-	-
Wright .....	2	(D)	-	-
<b>EMUS</b>				
<b>State Total</b>				
Iowa .....	2002 1997	59 (NA)	714 (NA)	17 (NA)
<b>Counties, 2002</b>				
Adams .....	-	-	1	(D)
Allamakee .....	1	(D)	1	(D)
Audubon .....	1	(D)	-	-
Black Hawk .....	6	150	2	(D)
Cass .....	1	(D)	-	-
Cedar .....	-	-	2	(D)
Chickasaw .....	2	(D)	1	(D)
Clarke .....	1	(D)	-	-
Clayton .....	1	(D)	1	(D)
Crawford .....	1	(D)	-	-
Delaware .....	2	(D)	-	-
Dubuque .....	1	(D)	-	-
Franklin .....	2	(D)	-	-
Guthrie .....	1	(D)	1	(D)
Harrison .....	1	(D)	-	-
Iowa .....	1	(D)	-	-
Johnson .....	2	(D)	-	-
Jones .....	1	(D)	-	-
Keokuk .....	2	(D)	-	-
Lee .....	3	(D)	1	(D)
Linn .....	4	41	1	(D)
Louisa .....	2	(D)	-	-
Lucas .....	1	(D)	-	-
Mahaska .....	1	(D)	-	-
Marshall .....	1	(D)	1	(D)
Mills .....	1	(D)	1	(D)
Monona .....	1	(D)	-	-
Muscatine .....	5	28	-	-
Palo Alto .....	1	(D)	1	(D)
Plymouth .....	3	8	-	-
Polk .....	1	(D)	1	(D)
Pottawattamie .....	1	(D)	1	(D)
Poweshiek .....	1	(D)	-	-
Ringgold .....	1	(D)	-	-
Van Buren .....	2	(D)	-	-
Wapello .....	1	(D)	-	-
Warren .....	1	(D)	-	-
Winneshiek .....	1	(D)	1	(D)
<b>GEESE</b>				
<b>State Total</b>				
Iowa .....	2002 1997	397 339	6,964 4,100	63 71
<b>Counties, 2002</b>				
Adair .....	3	51	-	-
Allamakee .....	1	(D)	-	-
Appanoose .....	3	8	-	-
Audubon .....	3	(D)	-	-
Benton .....	3	97	2	(D)
Black Hawk .....	7	182	-	-
Boone .....	6	45	-	-
Bremer .....	5	49	1	(D)
Buchanan .....	3	46	-	-
Buena Vista .....	2	(D)	-	-
Butler .....	2	(D)	-	-
Calhoun .....	4	18	-	-
Carroll .....	11	75	1	(D)
Cass .....	2	(D)	-	-
Cedar .....	10	55	-	-
Cerro Gordo .....	3	11	1	(D)
Cherokee .....	3	16	1	(D)
Chickasaw .....	4	17	1	(D)
Clarke .....	5	15	-	-
Clay .....	2	(D)	-	-
Clayton .....	7	42	-	-
Clinton .....	12	162	1	(D)
Crawford .....	5	74	2	(D)
Dallas .....	4	26	-	-
Davis .....	5	50	1	(D)
Decatur .....	3	17	1	(D)
Delaware .....	8	64	3	14

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**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>GEESE - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Des Moines	5	64	-	-
Dubuque	5	45	-	-
Emmet	3	33	-	-
Fayette	4	16	-	-
Floyd	4	9	-	-
Fremont	1	(D)	-	-
Greene	1	(D)	-	-
Grundy	3	9	2	(D)
Guthrie	6	37	-	-
Hamilton	5	22	1	(D)
Hancock	2	(D)	1	(D)
Hardin	1	(D)	1	(D)
Harrison	5	(D)	2	(D)
Henry	2	(D)	-	-
Howard	7	28	1	(D)
Humboldt	2	(D)	-	-
Ida	4	12	-	-
Iowa	5	31	1	(D)
Jackson	10	561	2	(D)
Jefferson	1	(D)	-	-
Johnson	7	34	1	(D)
Jones	6	171	-	-
Keokuk	1	(D)	-	-
Kossuth	4	11	-	-
Lee	6	70	2	(D)
Linn	12	89	4	11
Lucas	7	45	2	(D)
Lyon	3	20	2	(D)
Madison	6	44	-	-
Marion	2	(D)	1	(D)
Mills	4	51	1	(D)
Mitchell	5	22	-	-
Monona	1	(D)	-	-
Monroe	1	(D)	-	-
Montgomery	1	(D)	-	-
Muscatine	7	29	3	12
O'Brien	4	18	-	-
Osceola	1	(D)	-	-
Page	3	(D)	1	(D)
Palo Alto	1	(D)	-	-
Plymouth	11	499	1	(D)
Polk	6	40	2	(D)
Pottawattamie	6	33	1	(D)
Poweshiek	4	19	-	-
Ringgold	5	11	-	-
Sac	3	(D)	-	-
Scott	4	8	1	(D)
Shelby	1	(D)	-	-
Sioux	3	(D)	-	-
Story	6	46	1	(D)
Tama	8	85	2	(D)
Taylor	1	(D)	1	(D)
Union	1	(D)	1	(D)
Van Buren	8	113	3	32
Wapello	7	61	-	-
Warren	1	(D)	-	-
Washington	10	92	3	19
Webster	6	120	-	-
Winnebago	5	26	-	-
Winneshiek	6	91	1	(D)
Woodbury	9	32	3	6
Wright	2	(D)	-	-
<b>OSTRICHES</b>				
<b>State Total</b>				
Iowa	2002 1997	25 (NA)	459 (NA)	12 (NA)
<b>Counties, 2002</b>				
Boone	2	(D)	2	(D)
Chickasaw	2	(D)	-	-
Delaware	2	(D)	-	-
Dubuque	1	(D)	1	(D)
Fayette	1	(D)	-	-
Franklin	1	(D)	1	(D)
Humboldt	-	-	1	(D)
Jones	1	(D)	-	-
Keokuk	2	(D)	-	-
Lee	1	(D)	-	-
Linn	1	(D)	1	(D)
Mahaska	1	(D)	-	-
Marshall	1	(D)	-	-
Montgomery	1	(D)	-	-
Tama	1	(D)	1	(D)
Union	-	-	1	(D)
Warren	1	(D)	2	(D)
Wayne	1	(D)	-	-
Winnebago	1	(D)	-	-
Winneshiek	1	(D)	1	(D)
Woodbury	3	(D)	1	(D)

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Table 14. **Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>PHEASANTS</b>				
<b>State Total</b>				
Iowa	89	29,803	62	184,899
	58	6,839	20	24,001
<b>Counties, 2002</b>				
Adair	1	(D)	1	(D)
Benton	1	(D)	1	(D)
Boone	3	(D)	-	(D)
Bremer	1	(D)	1	(D)
Buchanan	2	(D)	2	(D)
Butler	1	(D)	-	(D)
Calhoun	-	(D)	1	(D)
Carroll	1	(D)	-	(D)
Cass	1	(D)	1	(D)
Cerro Gordo	1	(D)	1	(D)
Cherokee	-	(D)	1	(D)
Chickasaw	1	(D)	1	(D)
Clarke	-	(D)	1	(D)
Clayton	3	136	1	(D)
Crawford	2	(D)	2	(D)
Dallas	1	(D)	-	(D)
Davis	2	(D)	1	(D)
Decatur	2	(D)	2	(D)
Delaware	1	(D)	-	(D)
Dickinson	2	(D)	2	(D)
Dubuque	3	(D)	-	(D)
Fayette	2	(D)	3	(D)
Floyd	1	(D)	-	(D)
Grundy	1	(D)	1	(D)
Guthrie	2	(D)	2	(D)
Hamilton	1	(D)	1	(D)
Hancock	1	(D)	1	(D)
Henry	1	(D)	-	(D)
Ida	1	(D)	1	(D)
Iowa	2	(D)	2	(D)
Jackson	1	(D)	1	(D)
Jasper	1	(D)	1	(D)
Jefferson	1	(D)	1	(D)
Keokuk	1	(D)	1	(D)
Kossuth	1	(D)	1	(D)
Lee	2	(D)	1	(D)
Linn	3	86	3	94
Lucas	-	(D)	1	(D)
Madison	5	102	-	(D)
Mahaska	1	(D)	1	(D)
Marshall	1	(D)	-	(D)
Monroe	1	(D)	1	(D)
Muscatine	1	(D)	1	(D)
Plymouth	4	(D)	1	(D)
Polk	-	(D)	2	(D)
Pottawattamie	3	1,833	3	4,371
Poweshiek	1	(D)	1	(D)
Ringgold	1	(D)	-	(D)
Sac	1	(D)	-	(D)
Story	1	(D)	-	(D)
Tama	2	(D)	1	(D)
Taylor	1	(D)	-	(D)
Van Buren	3	22	3	94
Wapello	1	(D)	-	(D)
Warren	3	54	2	(D)
Washington	3	(D)	3	(D)
Webster	1	(D)	1	(D)
Winnebago	1	(D)	-	(D)
Winneshiek	1	(D)	1	(D)
Woodbury	-	(D)	1	(D)
Wright	2	(D)	-	(D)
<b>PIGEONS OR SQUAB</b>				
<b>State Total</b>				
Iowa	86	4,635	26	2,027
	38	2,799	11	1,375
<b>Counties, 2002</b>				
Black Hawk	2	(D)	2	(D)
Boone	1	(D)	-	(D)
Buchanan	3	160	-	(D)
Carroll	2	(D)	1	(D)
Cass	1	(D)	1	(D)
Chickasaw	3	(D)	1	(D)
Clay	1	(D)	-	(D)
Clinton	2	(D)	-	(D)
Crawford	2	(D)	1	(D)
Davis	3	(D)	1	(D)
Des Moines	2	(D)	1	(D)
Dubuque	1	(D)	-	(D)
Fayette	-	(D)	1	(D)
Floyd	2	(D)	-	(D)
Franklin	1	(D)	1	(D)
Grundy	2	(D)	-	(D)
Guthrie	1	(D)	-	(D)

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**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>PIGEONS OR SQUAB - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Hamilton	1	(D)	-	-
Henry	1	(D)	-	-
Howard	1	(D)	-	-
Ida	1	(D)	1	(D)
Johnson	1	(D)	1	(D)
Keokuk	1	(D)	-	-
Kossuth	4	32	-	-
Lee	1	(D)	-	-
Linn	1	(D)	-	-
Louisa	1	(D)	-	-
Lucas	1	(D)	-	-
Mills	4	(D)	1	(D)
Mitchell	7	466	-	-
Muscatine	2	(D)	-	-
O'Brien	1	(D)	1	(D)
Plymouth	2	(D)	-	-
Pocahontas	1	(D)	1	(D)
Polk	4	678	4	254
Pottawattamie	1	(D)	-	-
Sac	1	(D)	-	-
Sioux	3	75	-	-
Story	3	(D)	1	(D)
Taylor	1	(D)	1	(D)
Van Buren	2	(D)	-	-
Wapello	3	32	-	-
Warren	1	(D)	-	-
Washington	1	(D)	-	-
Winnebago	1	(D)	1	(D)
Winneshiek	1	(D)	1	(D)
Woodbury	4	300	3	57
Wright	1	(D)	-	-
<b>QUAIL</b>				
<b>State Total</b>				
Iowa	81	47,760	55	701,105
	22	9,961	12	13,827
<b>Counties, 2002</b>				
Adair	1	(D)	1	(D)
Adams	2	(D)	1	(D)
Benton	1	(D)	1	(D)
Black Hawk	1	(D)	-	-
Boone	1	(D)	2	(D)
Buchanan	1	(D)	1	(D)
Carroll	1	(D)	1	(D)
Clarke	-	-	1	(D)
Clay	1	(D)	-	-
Clayton	1	(D)	-	-
Clinton	2	(D)	-	-
Crawford	2	(D)	2	(D)
Dallas	2	(D)	2	(D)
Decatur	2	(D)	3	4,150
Delaware	1	(D)	-	-
Dickinson	2	(D)	1	(D)
Dubuque	2	(D)	-	-
Fayette	-	-	2	(D)
Fremont	1	(D)	1	(D)
Grundy	1	(D)	1	(D)
Guthrie	1	(D)	1	(D)
Hamilton	-	-	1	(D)
Henry	1	(D)	-	-
Humboldt	1	(D)	-	-
Iowa	4	-	3	(D)
Jackson	2	(D)	2	(D)
Jasper	2	(D)	3	7,515
Jefferson	1	(D)	-	-
Johnson	1	(D)	-	-
Jones	3	63	1	(D)
Kossuth	2	(D)	3	(D)
Lee	2	(D)	1	(D)
Linn	1	(D)	1	(D)
Lucas	1	(D)	-	-
Lyon	1	(D)	1	(D)
Madison	4	610	-	-
Mahaska	1	(D)	1	(D)
Marshall	1	(D)	1	(D)
Mills	1	(D)	1	(D)
Monroe	1	(D)	1	(D)
Palo Alto	1	(D)	1	(D)
Plymouth	1	(D)	-	-
Polk	2	(D)	2	(D)
Pottawattamie	1	(D)	1	(D)
Ringgold	1	(D)	-	-
Sac	1	(D)	-	-
Story	1	(D)	-	-
Tama	1	(D)	-	-
Taylor	1	(D)	1	(D)
Wapello	1	(D)	-	-
Warren	2	(D)	-	-

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Table 14. **Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>QUAIL - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Washington .....	2	(D)	2	(D)
Wayne .....	1	(D)	1	(D)
Webster .....	1	(D)	1	(D)
Winnebago .....	1	(D)	-	-
Winneshiek .....	1	(D)	1	(D)
Woodbury .....	4	58	3	38
Wright .....	2	(D)	-	-
<b>OTHER POULTRY (SEE TEXT)</b>				
<b>State Total</b>				
Iowa .....	2002	(D)	47	(D)
	1997	19,664	90	(D)
<b>Counties, 2002</b>				
Adair .....	2	(D)	-	-
Appanoose .....	5	74	-	-
Audubon .....	2	(D)	1	(D)
Benton .....	3	14	-	-
Black Hawk .....	4	24	-	-
Boone .....	7	68	1	(D)
Bremer .....	5	83	1	(D)
Buchanan .....	3	47	1	(D)
Butler .....	1	(D)	-	-
Calhoun .....	1	(D)	-	-
Carroll .....	3	45	-	-
Cedar .....	1	(D)	-	-
Cerro Gordo .....	4	80	-	-
Chickasaw .....	3	38	1	(D)
Clarke .....	1	(D)	1	(D)
Clay .....	1	(D)	1	(D)
Clinton .....	3	(D)	-	-
Crawford .....	6	140	1	(D)
Dallas .....	2	(D)	2	(D)
Davis .....	7	71	2	(D)
Delaware .....	6	115	-	-
Dickinson .....	2	(D)	1	(D)
Dubuque .....	6	(D)	1	(D)
Floyd .....	1	(D)	1	(D)
Franklin .....	1	(D)	-	-
Greene .....	4	31	-	-
Grundy .....	1	(D)	-	-
Guthrie .....	2	(D)	-	-
Hamilton .....	1	(D)	2	(D)
Hancock .....	1	(D)	-	-
Harrison .....	4	33	-	-
Ida .....	1	(D)	-	-
Iowa .....	5	181	1	(D)
Jackson .....	2	(D)	-	-
Jefferson .....	3	8	1	(D)
Johnson .....	2	(D)	-	-
Jones .....	1	(D)	-	-
Kossuth .....	1	(D)	-	-
Lee .....	6	59	3	(D)
Linn .....	6	61	-	-
Louisa .....	1	(D)	-	-
Lucas .....	4	83	-	-
Madison .....	1	(D)	-	-
Mahaska .....	4	73	-	-
Marion .....	5	66	1	(D)
Marshall .....	1	(D)	-	-
Mills .....	2	(D)	-	-
Mitchell .....	2	(D)	1	(D)
Monroe .....	3	107	-	-
Muscatine .....	1	(D)	-	-
Page .....	1	(D)	-	-
Palo Alto .....	1	(D)	-	-
Plymouth .....	5	71	1	(D)
Pocahontas .....	2	(D)	-	-
Polk .....	1	(D)	1	(D)
Pottawattamie .....	3	(D)	3	(D)
Poweshiek .....	3	69	1	(D)
Ringgold .....	3	8	-	-
Sac .....	1	(D)	1	(D)
Scott .....	2	(D)	-	-
Shelby .....	4	62	-	-
Sioux .....	5	119	-	-
Story .....	1	(D)	-	-
Tama .....	1	(D)	-	-
Taylor .....	3	(D)	1	(D)
Union .....	3	(D)	2	(D)
Van Buren .....	6	168	2	(D)
Wapello .....	1	(D)	-	-
Warren .....	7	70	6	60
Washington .....	2	(D)	1	(D)
Wayne .....	1	(D)	-	-
Webster .....	2	(D)	1	(D)
Winnebago .....	2	(D)	-	-
Winneshiek .....	3	(D)	1	(D)
Woodbury .....	5	71	2	(D)

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**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>POULTRY HATCHED (SEE TEXT)</b>				
<b>State Total</b>				
Iowa .....				
..... 2002	(X)	(X)	492	94,714,335
..... 1997	(X)	(X)	284	56,500,880
<b>Counties, 2002</b>				
Adair .....	(X)	(X)	2	(D)
Adams .....	(X)	(X)	3	(D)
Appanoose .....	(X)	(X)	5	103
Audubon .....	(X)	(X)	1	(D)
Benton .....	(X)	(X)	8	425
Black Hawk .....	(X)	(X)	10	366
Boone .....	(X)	(X)	11	249
Bremer .....	(X)	(X)	9	328
Buchanan .....	(X)	(X)	3	(D)
Buena Vista .....	(X)	(X)	1	(D)
Butler .....	(X)	(X)	6	136
Calhoun .....	(X)	(X)	2	(D)
Carroll .....	(X)	(X)	12	638
Cass .....	(X)	(X)	3	183
Cedar .....	(X)	(X)	9	172
Cerro Gordo .....	(X)	(X)	2	(D)
Cherokee .....	(X)	(X)	7	195
Chickasaw .....	(X)	(X)	4	59
Clarke .....	(X)	(X)	4	97
Clay .....	(X)	(X)	1	(D)
Clayton .....	(X)	(X)	4	(D)
Clinton .....	(X)	(X)	11	(D)
Crawford .....	(X)	(X)	5	7,666
Dallas .....	(X)	(X)	10	(D)
Davis .....	(X)	(X)	11	1,913
Decatur .....	(X)	(X)	4	(D)
Delaware .....	(X)	(X)	9	281
Des Moines .....	(X)	(X)	3	96
Dickinson .....	(X)	(X)	3	(D)
Dubuque .....	(X)	(X)	3	(D)
Fayette .....	(X)	(X)	2	(D)
Floyd .....	(X)	(X)	6	(D)
Franklin .....	(X)	(X)	6	523
Fremont .....	(X)	(X)	1	(D)
Greene .....	(X)	(X)	2	(D)
Grundy .....	(X)	(X)	8	(D)
Guthrie .....	(X)	(X)	4	(D)
Hamilton .....	(X)	(X)	7	(D)
Hancock .....	(X)	(X)	4	(D)
Hardin .....	(X)	(X)	3	57
Harrison .....	(X)	(X)	5	108
Henry .....	(X)	(X)	1	(D)
Howard .....	(X)	(X)	4	109
Ida .....	(X)	(X)	5	206
Iowa .....	(X)	(X)	6	260
Jackson .....	(X)	(X)	8	(D)
Jasper .....	(X)	(X)	4	(D)
Jefferson .....	(X)	(X)	11	249
Johnson .....	(X)	(X)	5	96
Jones .....	(X)	(X)	2	(D)
Keokuk .....	(X)	(X)	2	(D)
Kossuth .....	(X)	(X)	9	(D)
Lee .....	(X)	(X)	13	(D)
Linn .....	(X)	(X)	10	252
Lucas .....	(X)	(X)	8	157
Lyon .....	(X)	(X)	1	(D)
Madison .....	(X)	(X)	4	113
Mahaska .....	(X)	(X)	6	175
Marion .....	(X)	(X)	12	357
Marshall .....	(X)	(X)	3	(D)
Mills .....	(X)	(X)	4	(D)
Mitchell .....	(X)	(X)	10	354
Monroe .....	(X)	(X)	2	(D)
Montgomery .....	(X)	(X)	2	(D)
Muscatine .....	(X)	(X)	9	1,252
O'Brien .....	(X)	(X)	4	155
Page .....	(X)	(X)	2	(D)
Palo Alto .....	(X)	(X)	2	(D)
Plymouth .....	(X)	(X)	8	824
Pocahontas .....	(X)	(X)	1	(D)
Polk .....	(X)	(X)	2	(D)
Pottawattamie .....	(X)	(X)	5	(D)
Poweshiek .....	(X)	(X)	6	129
Ringgold .....	(X)	(X)	6	38
Sac .....	(X)	(X)	2	(D)
Scott .....	(X)	(X)	4	220
Shelby .....	(X)	(X)	4	85
Sioux .....	(X)	(X)	9	130
Story .....	(X)	(X)	5	(D)
Tama .....	(X)	(X)	8	569
Taylor .....	(X)	(X)	3	(D)
Union .....	(X)	(X)	1	(D)
Van Buren .....	(X)	(X)	8	362
Wapello .....	(X)	(X)	3	(D)
Warren .....	(X)	(X)	10	709
Washington .....	(X)	(X)	11	162
Wayne .....	(X)	(X)	3	(D)
Webster .....	(X)	(X)	5	31

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**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>POULTRY HATCHED (SEE TEXT) - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Winnebago .....	(X)	(X)	4	(D)
Winneshiek .....	(X)	(X)	7	(D)
Woodbury .....	(X)	(X)	12	384
Worth .....	(X)	(X)	1	(D)
Wright .....	(X)	(X)	2	(D)

**Table 15. Horses and Ponies - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>STATE TOTAL</b>				
Iowa .....	11,482	77,123	2,775	10,601
..... 2002				
..... 1997	11,200	68,578	2,511	10,450
<b>COUNTIES, 2002</b>				
Adair .....	108	954	28	197
Adams .....	54	237	6	16
Allamakee .....	126	1,174	32	203
Appanoose .....	151	869	25	83
Audubon .....	59	411	16	89
Benton .....	124	659	30	79
Black Hawk .....	97	675	29	92
Boone .....	127	860	27	83
Bremer .....	115	794	40	173
Buchanan .....	157	1,384	41	141
Buena Vista .....	64	398	17	50
Butler .....	138	946	40	210
Calhoun .....	66	350	21	54
Carroll .....	71	322	12	57
Cass .....	87	416	18	69
Cedar .....	101	643	29	69
Cerro Gordo .....	116	690	31	104
Cherokee .....	97	1,029	30	109
Chickasaw .....	112	705	33	127
Clarke .....	146	1,012	39	154
Clay .....	80	469	19	71
Clayton .....	214	1,559	55	296
Clinton .....	157	1,103	48	167
Crawford .....	90	605	19	106
Dallas .....	150	1,035	57	139
Davis .....	283	2,352	75	281
Decatur .....	175	1,210	35	174
Delaware .....	108	465	13	23
Des Moines .....	75	503	21	83
Dickinson .....	58	258	10	36
Dubuque .....	128	780	17	57
Emmet .....	61	383	21	43
Fayette .....	145	985	27	126
Floyd .....	103	963	32	219
Franklin .....	60	399	12	58
Fremont .....	65	409	9	37
Greene .....	66	403	20	70
Grundy .....	72	557	18	111
Guthrie .....	120	658	15	56
Hamilton .....	83	598	27	103
Hancock .....	62	314	14	33
Hardin .....	83	537	23	115
Harrison .....	116	717	25	90
Henry .....	122	1,117	45	145
Howard .....	98	655	18	58
Humboldt .....	45	252	12	23
Ida .....	51	331	9	56
Iowa .....	107	1,145	38	172
Jackson .....	259	1,971	70	386
Jasper .....	156	1,190	45	205
Jefferson .....	95	722	26	128
Johnson .....	249	1,606	66	202
Jones .....	122	916	24	147
Keokuk .....	87	731	25	142
Kossuth .....	72	354	12	26
Lee .....	135	906	31	97
Linn .....	232	1,613	57	182
Louisa .....	58	326	16	40
Lucas .....	142	1,034	35	67
Lyon .....	116	761	28	92
Madison .....	222	1,373	55	172
Mahaska .....	94	502	18	47
Marion .....	174	1,067	47	166
Marshall .....	102	660	28	89
Mills .....	64	373	25	64
Mitchell .....	97	770	30	95
Monona .....	49	266	6	23
Monroe .....	133	785	28	104
Montgomery .....	67	302	10	44
Muscatine .....	126	629	20	41
O'Brien .....	87	531	26	83
Osceola .....	28	186	5	15
Page .....	139	837	30	260
Palo Alto .....	49	252	4	17
Plymouth .....	133	767	25	78
Pocahontas .....	57	416	12	41
Polk .....	147	1,173	45	176
Pottawattamie .....	206	1,381	42	238
Poweshiek .....	103	544	32	64
Ringgold .....	125	776	21	61
Sac .....	77	419	18	48
Scott .....	102	768	11	61
Shelby .....	73	317	17	43
Sioux .....	161	792	29	95
Story .....	119	887	32	77
Tama .....	139	911	19	51
Taylor .....	119	681	22	96
Union .....	108	906	31	120
Van Buren .....	194	1,214	43	138
Wapello .....	161	973	37	115

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**Table 15. Horses and Ponies - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>COUNTIES, 2002 - Con.</b>				
Warren .....	270	2,066	78	335
Washington .....	154	1,156	46	168
Wayne .....	138	1,021	30	118
Webster .....	76	575	11	31
Winnebago .....	67	332	15	57
Winneshiek .....	205	1,392	48	166
Woodbury .....	176	1,021	28	84
Worth .....	65	335	21	51
Wright .....	60	347	17	48

**Table 16. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton	
Sheep and lambs inventory (see text)	farms, 2002	3,751	36	19	26	27	22	57
	1997	4,636	58	19	25	40	30	77
number, 2002	249,908	2,081	661	894	1,019	1,051	4,602	
	1997	272,913	1,715	838	673	2,154	1,026	3,089
2002 farms by inventory:								
1 to 24	farms	1,631	15	9	13	11	9	27
	number	19,400	(D)	(D)	(D)	(D)	108	361
25 to 99	farms	1,589	15	9	12	14	10	17
	number	76,598	781	411	622	633	516	912
100 to 299	farms	419	5	1	1	2	3	8
	number	65,936	716	(D)	(D)	(D)	427	1,261
300 to 999	farms	91	1	-	-	-	-	5
	number	44,187	(D)	-	-	-	-	2,068
1,000 or more	farms	21	-	-	-	-	-	-
	number	43,787	-	-	-	-	-	-
Ewes 1 year old or older	farms, 2002	3,531	36	18	24	25	22	54
	1997	4,224	56	19	23	36	27	73
number, 2002	130,808	1,521	477	571	694	706	2,740	
	1997	143,501	1,230	527	498	1,200	623	2,113
Wool production	farms, 2002	3,079	34	17	21	28	19	51
	1997	4,129	54	22	23	33	26	69
pounds, 2002	1,550,399	17,409	4,500	6,017	7,355	7,385	25,661	
	1997	1,568,301	14,179	5,625	6,729	13,254	7,903	17,568
Sheep and lambs sold	farms, 2002	2,903	37	15	19	24	15	47
	1997	4,753	59	23	26	40	32	74
number, 2002	257,130	2,649	614	501	790	855	3,439	
	1997	326,868	1,781	824	609	1,692	1,356	2,597
Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun	
Sheep and lambs inventory (see text)	farms, 2002	45	49	34	29	23	58	32
	1997	39	56	46	67	42	74	46
number, 2002	2,152	1,917	3,277	702	1,096	2,818	1,245	
	1997	3,295	1,785	1,781	1,402	3,220	3,155	1,711
2002 farms by inventory:								
1 to 24	farms	18	27	13	22	5	24	19
	number	(D)	321	(D)	268	(D)	374	185
25 to 99	farms	23	19	16	7	17	29	9
	number	1,004	999	703	434	920	1,509	553
100 to 299	farms	3	2	2	-	1	5	4
	number	510	(D)	(D)	-	(D)	935	507
300 to 999	farms	1	1	2	-	-	-	-
	number	(D)	(D)	(D)	-	-	-	-
1,000 or more	farms	-	-	1	-	-	-	-
	number	-	-	(D)	-	-	-	-
Ewes 1 year old or older	farms, 2002	40	47	33	27	22	57	29
	1997	36	48	43	49	38	71	42
number, 2002	1,229	1,352	1,645	544	735	1,721	905	
	1997	2,145	1,175	1,099	925	2,467	1,814	1,166
Wool production	farms, 2002	41	38	32	23	25	54	20
	1997	41	44	41	46	43	70	36
pounds, 2002	7,804	16,103	14,124	5,300	8,831	34,986	10,932	
	1997	25,298	9,784	8,260	8,073	22,490	17,975	10,448
Sheep and lambs sold	farms, 2002	40	38	27	16	21	52	28
	1997	49	53	44	57	46	84	43
number, 2002	1,738	2,773	1,892	1,024	1,375	6,963	1,960	
	1997	3,499	1,453	1,348	1,186	5,497	3,663	1,759
Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke	
Sheep and lambs inventory (see text)	farms, 2002	30	37	58	26	28	39	47
	1997	39	47	74	42	31	45	56
number, 2002	2,365	2,200	2,382	1,137	1,127	3,267	2,059	
	1997	2,791	2,551	2,698	1,387	1,596	2,088	2,568
2002 farms by inventory:								
1 to 24	farms	8	14	30	9	11	17	21
	number	76	(D)	401	107	86	(D)	(D)
25 to 99	farms	18	17	22	14	14	19	21
	number	1,079	895	1,096	561	721	810	968
100 to 299	farms	3	4	6	3	3	2	4
	number	(D)	570	885	469	320	(D)	516
300 to 999	farms	1	2	-	-	-	-	1
	number	(D)	(D)	-	-	-	-	(D)
1,000 or more	farms	-	-	-	-	-	1	-
	number	-	-	-	-	-	(D)	-
Ewes 1 year old or older	farms, 2002	29	33	56	22	27	38	45
	1997	36	42	70	41	28	41	52
number, 2002	1,455	1,566	1,663	653	518	798	1,167	
	1997	1,708	1,474	1,966	1,028	1,110	736	1,637
Wool production	farms, 2002	28	33	47	23	26	31	40
	1997	36	41	67	39	28	39	55
pounds, 2002	16,101	11,944	11,852	6,819	6,621	20,250	14,725	
	1997	18,196	11,584	17,101	10,432	16,159	12,670	19,146
Sheep and lambs sold	farms, 2002	29	28	50	21	19	31	37
	1997	40	45	76	42	33	46	60
number, 2002	1,733	2,104	2,030	829	907	4,745	1,580	
	1997	3,495	2,348	2,446	1,317	2,058	2,739	2,519

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**Table 16. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Sheep and lambs inventory (see text) . . . . . farms, 2002	31	42	42	27	55	72	25
1997	35	62	57	44	46	85	36
number, 2002	4,459	2,841	2,160	1,678	1,277	5,512	937
1997	3,741	1,757	2,341	3,157	1,227	7,841	1,451
2002 farms by inventory:							
1 to 24 . . . . . farms	8	19	17	6	42	32	17
number	102	(D)	192	82	(D)	(D)	(D)
25 to 99 . . . . . farms	12	19	18	16	11	32	6
number	634	951	796	797	550	1,679	293
100 to 299 . . . . . farms	5	3	7	5	2	6	1
number	917	454	1,172	799	(D)	943	(D)
300 to 999 . . . . . farms	6	-	-	-	-	1	1
number	2,806	-	-	-	-	(D)	(D)
1,000 or more . . . . . farms	-	1	-	-	-	1	-
number	-	(D)	-	-	-	(D)	-
Ewes 1 year old or older . . . . . farms, 2002	29	40	40	26	49	68	23
1997	29	60	51	39	40	81	34
number, 2002	2,140	1,115	1,322	931	803	2,216	521
1997	1,575	1,287	1,529	1,372	764	2,854	1,074
Wool production . . . . . farms, 2002	28	37	32	23	42	61	17
1997	30	59	53	37	33	80	33
pounds, 2002	16,525	19,562	12,624	7,575	8,313	44,279	6,033
1997	17,777	11,518	14,166	20,463	6,708	37,763	8,413
Sheep and lambs sold . . . . . farms, 2002	29	31	30	25	46	53	17
1997	36	60	63	42	43	89	38
number, 2002	3,026	1,292	1,583	1,141	1,782	6,723	845
1997	4,366	1,747	2,106	3,976	975	7,470	6,341

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Sheep and lambs inventory (see text) . . . . . farms, 2002	37	24	17	40	19	52	21	26
1997	35	30	37	37	20	61	26	36
number, 2002	1,102	453	4,243	898	896	5,481	527	1,594
1997	1,031	715	1,601	1,261	991	5,272	1,058	2,516
2002 farms by inventory:								
1 to 24 . . . . . farms	24	18	2	26	7	24	11	7
number	(D)	232	(D)	293	(D)	299	87	(D)
25 to 99 . . . . . farms	11	6	11	14	11	16	10	15
number	568	221	567	605	589	756	440	636
100 to 299 . . . . . farms	2	-	3	-	1	7	-	3
number	(D)	-	(D)	-	(D)	1,045	-	384
300 to 999 . . . . . farms	-	-	-	-	-	5	-	1
number	-	-	-	-	-	3,381	-	(D)
1,000 or more . . . . . farms	-	-	1	-	-	-	-	-
number	-	-	(D)	-	-	-	-	-
Ewes 1 year old or older . . . . . farms, 2002	35	22	16	38	18	48	19	25
1997	34	24	32	36	20	59	25	33
number, 2002	673	365	736	646	543	2,378	297	1,029
1997	676	443	1,165	848	669	2,194	541	1,567
Wool production . . . . . farms, 2002	26	18	18	27	13	44	17	22
1997	35	24	33	34	20	54	26	34
pounds, 2002	5,670	3,729	25,051	5,925	3,689	32,425	2,548	8,955
1997	5,196	4,846	8,136	6,525	7,284	28,820	4,522	16,641
Sheep and lambs sold . . . . . farms, 2002	25	13	19	24	19	41	14	20
1997	42	28	36	37	26	63	27	37
number, 2002	691	310	4,276	813	567	5,926	388	1,618
1997	858	693	1,718	996	1,212	5,256	804	3,048

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Sheep and lambs inventory (see text) . . . . . farms, 2002	15	29	31	27	30	33	28	12
1997	12	30	43	38	43	38	42	10
number, 2002	729	1,194	2,190	1,059	890	2,339	1,167	865
1997	704	963	2,738	925	1,427	2,275	1,082	507
2002 farms by inventory:								
1 to 24 . . . . . farms	4	12	14	14	18	12	14	4
number	50	195	(D)	(D)	(D)	(D)	175	(D)
25 to 99 . . . . . farms	8	13	12	11	11	13	11	6
number	362	535	514	565	583	630	522	322
100 to 299 . . . . . farms	3	4	4	2	1	6	3	1
number	317	464	680	(D)	(D)	837	470	(D)
300 to 999 . . . . . farms	-	-	1	-	-	2	-	1
number	-	-	(D)	-	-	(D)	-	(D)
1,000 or more . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Ewes 1 year old or older . . . . . farms, 2002	15	28	31	25	27	32	26	11
1997	8	29	41	35	39	35	34	10
number, 2002	524	766	1,337	809	575	1,635	708	625
1997	139	739	1,368	581	1,039	1,612	755	377
Wool production . . . . . farms, 2002	11	25	30	21	19	32	24	11
1997	9	29	37	31	40	35	36	9
pounds, 2002	4,014	6,201	13,082	5,581	4,795	13,151	6,509	8,366
1997	829	4,915	12,738	5,644	9,385	13,217	6,610	3,402
Sheep and lambs sold . . . . . farms, 2002	13	23	23	17	23	28	20	10
1997	14	33	44	39	44	39	42	10
number, 2002	953	856	1,478	551	593	1,740	552	714
1997	2,171	1,009	2,431	1,185	1,335	2,270	1,523	399

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**Table 16. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Sheep and lambs inventory (see text) . . . . . farms, 2002	30	30	13	26	53	40	81	33
1997	53	28	22	29	49	57	100	44
number, 2002	2,656	2,126	626	2,369	4,072	2,126	5,061	13,687
1997	2,329	1,169	3,870	2,145	2,534	2,534	3,697	9,687
2002 farms by inventory:								
1 to 24 . . . . . farms	11	13	7	7	19	17	38	12
number	148	150	(D)	(D)	(D)	185	399	(D)
25 to 99 . . . . . farms	15	6	4	12	27	18	33	12
number	805	237	153	654	1,239	1,001	1,461	514
100 to 299 . . . . . farms	2	11	2	6	5	5	7	4
number	(D)	1,739	(D)	1,048	797	940	1,263	537
300 to 999 . . . . . farms	2	-	-	1	1	-	3	2
number	(D)	-	-	(D)	(D)	-	1,938	(D)
1,000 or more . . . . . farms	-	-	-	-	1	-	-	3
number	-	-	-	-	(D)	-	-	10,900
Ewes 1 year old or older . . . . . farms, 2002	29	30	12	25	52	40	75	29
1997	53	22	17	28	49	53	89	41
number, 2002	1,120	1,316	376	1,319	1,920	1,262	3,034	5,070
1997	1,644	727	614	1,315	1,777	1,680	2,255	4,961
Wool production . . . . . farms, 2002	26	25	8	23	48	30	65	28
1997	51	19	9	26	43	50	88	37
pounds, 2002	15,648	17,415	3,055	10,828	51,010	12,857	43,864	99,703
1997	16,462	10,054	6,200	9,668	15,151	15,361	20,684	58,865
Sheep and lambs sold . . . . . farms, 2002	29	16	8	24	40	27	63	30
1997	57	27	23	29	50	56	104	41
number, 2002	1,523	1,760	274	1,802	3,129	1,284	3,634	15,286
1997	1,736	1,308	3,731	2,392	2,563	2,421	3,122	11,813
Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Sheep and lambs inventory (see text) . . . . . farms, 2002	107	41	53	37	55	67	30	29
1997	116	52	62	64	51	92	30	28
number, 2002	5,214	2,177	3,656	2,055	3,043	3,462	999	1,713
1997	5,755	2,616	3,026	3,874	3,128	3,143	1,106	3,194
2002 farms by inventory:								
1 to 24 . . . . . farms	59	21	14	14	21	37	12	14
number	658	(D)	(D)	(D)	(D)	(D)	(D)	151
25 to 99 . . . . . farms	33	17	34	18	24	22	17	11
number	1,667	620	1,934	724	1,063	1,049	793	462
100 to 299 . . . . . farms	12	2	4	4	9	6	1	2
number	1,789	(D)	662	676	1,400	1,167	(D)	(D)
300 to 999 . . . . . farms	3	-	1	1	1	2	-	2
number	1,100	-	(D)	(D)	(D)	(D)	-	(D)
1,000 or more . . . . . farms	-	1	-	-	-	-	-	-
number	-	(D)	-	-	-	-	-	-
Ewes 1 year old or older . . . . . farms, 2002	99	38	45	37	52	65	29	27
1997	108	49	58	60	46	80	28	27
number, 2002	3,244	723	2,050	1,252	1,839	2,181	668	981
1997	2,934	1,095	1,666	2,848	1,805	2,253	668	733
Wool production . . . . . farms, 2002	93	29	42	34	48	51	20	22
1997	114	46	55	60	45	82	29	26
pounds, 2002	35,577	9,379	31,434	12,248	19,063	16,650	6,330	6,544
1997	44,168	12,612	21,394	21,902	19,118	18,811	5,860	18,559
Sheep and lambs sold . . . . . farms, 2002	75	28	44	24	36	39	19	21
1997	130	51	62	69	50	90	31	29
number, 2002	5,275	1,857	3,421	1,647	1,993	1,935	1,275	498
1997	7,103	2,267	4,047	4,844	2,231	2,533	778	4,254
Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Sheep and lambs inventory (see text) . . . . . farms, 2002	48	49	44	52	59	13	34	20
1997	57	51	47	83	73	23	38	22
number, 2002	4,452	2,471	2,595	3,181	3,135	450	1,395	1,050
1997	5,618	2,167	2,465	8,476	3,269	1,101	1,354	1,145
2002 farms by inventory:								
1 to 24 . . . . . farms	8	20	11	27	20	5	20	8
number	109	(D)	139	(D)	249	58	296	(D)
25 to 99 . . . . . farms	28	23	25	20	30	8	9	10
number	1,312	1,136	1,114	978	1,474	392	427	575
100 to 299 . . . . . farms	11	5	8	2	9	-	5	2
number	(D)	654	1,342	(D)	1,412	-	672	(D)
300 to 999 . . . . . farms	-	1	-	3	-	-	-	-
number	-	(D)	-	1,618	-	-	-	-
1,000 or more . . . . . farms	1	-	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-	-
Ewes 1 year old or older . . . . . farms, 2002	45	49	42	47	55	12	30	19
1997	51	50	43	69	69	23	32	20
number, 2002	2,740	1,566	1,513	1,523	2,012	236	724	637
1997	3,347	1,699	1,502	2,708	2,222	781	915	773
Wool production . . . . . farms, 2002	44	38	40	36	45	14	28	15
1997	49	44	42	64	61	19	33	20
pounds, 2002	24,490	16,809	14,450	9,581	18,863	4,023	7,740	6,783
1997	33,109	12,647	12,509	20,327	16,321	6,245	8,665	6,302
Sheep and lambs sold . . . . . farms, 2002	44	39	41	38	47	12	26	17
1997	62	53	47	81	69	21	38	26
number, 2002	4,271	1,789	2,178	3,760	2,504	551	1,337	789
1997	6,095	1,884	1,928	8,712	2,284	867	1,272	1,123

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**Table 16. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Sheep and lambs inventory (see text) . . . . . farms, 2002	61	15	18	31	62	44	18	27
1997	69	28	37	28	61	49	23	42
number, 2002	5,014	636	697	644	2,544	1,792	628	1,555
1997	3,126	1,013	1,298	773	2,288	1,920	944	1,707
2002 farms by inventory:								
1 to 24 . . . . . farms	19	6	9	23	27	19	9	10
number	174	(D)	(D)	257	306	172	(D)	107
25 to 99 . . . . . farms	26	7	7	8	31	21	7	14
number	1,105	358	332	387	1,589	935	299	733
100 to 299 . . . . . farms	12	2	2	-	4	4	2	2
number	1,855	(D)	(D)	-	649	685	(D)	(D)
300 to 999 . . . . . farms	4	-	-	-	-	-	-	1
number	1,880	-	-	-	-	-	-	(D)
1,000 or more . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Ewes 1 year old or older . . . . . farms, 2002	56	15	18	29	57	38	18	27
1997	57	26	33	26	53	41	21	39
number, 2002	2,892	392	471	415	1,854	1,138	436	980
1997	1,964	731	625	446	1,488	1,299	619	977
Wool production . . . . . farms, 2002	52	12	15	20	52	31	15	19
1997	54	25	35	21	51	42	21	39
pounds, 2002	28,645	3,014	4,339	4,139	16,536	10,409	3,420	7,783
1997	17,505	6,374	7,649	3,349	12,071	11,809	5,351	7,888
Sheep and lambs sold . . . . . farms, 2002	48	9	16	18	45	35	13	18
1997	69	28	45	28	60	55	22	44
number, 2002	3,954	369	662	405	1,892	1,607	621	1,010
1997	2,756	961	1,469	1,119	1,997	2,105	810	1,247

**Table 17. Milk Goats - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>STATE TOTAL</b>				
Iowa . . . . .	447	8,524	184	3,085
	296	5,263	106	1,494
<b>COUNTIES, 2002</b>				
Adair . . . . .	4	(D)	1	(D)
Adams . . . . .	1	(D)	-	-
Allamakee . . . . .	4	(D)	2	(D)
Appanoose . . . . .	6	44	2	(D)
Audubon . . . . .	2	(D)	-	-
Benton . . . . .	3	(D)	2	(D)
Black Hawk . . . . .	4	(D)	1	(D)
Boone . . . . .	2	(D)	2	(D)
Bremer . . . . .	2	(D)	-	-
Buchanan . . . . .	8	54	3	27
Buena Vista . . . . .	5	6	1	(D)
Butler . . . . .	3	(D)	2	(D)
Calhoun . . . . .	5	44	4	(D)
Cass . . . . .	2	(D)	1	(D)
Cedar . . . . .	4	9	1	(D)
Cerro Gordo . . . . .	4	(D)	-	-
Cherokee . . . . .	2	(D)	1	(D)
Chickasaw . . . . .	6	33	2	(D)
Clarke . . . . .	8	34	-	-
Clay . . . . .	1	(D)	-	-
Clayton . . . . .	17	1,124	11	398
Clinton . . . . .	3	5	1	(D)
Crawford . . . . .	6	155	5	104
Dallas . . . . .	5	(D)	5	(D)
Davis . . . . .	19	(D)	6	21
Decatur . . . . .	1	(D)	-	-
Delaware . . . . .	5	(D)	1	(D)
Des Moines . . . . .	11	53	1	-
Dickinson . . . . .	1	(D)	-	-
Dubuque . . . . .	4	(D)	4	233
Emmet . . . . .	3	(D)	-	-
Fayette . . . . .	3	31	2	(D)
Floyd . . . . .	3	(D)	-	-
Franklin . . . . .	2	(D)	-	-
Fremont . . . . .	3	(D)	1	(D)
Greene . . . . .	1	(D)	-	-
Guthrie . . . . .	7	55	1	(D)
Hamilton . . . . .	1	(D)	-	-
Hardin . . . . .	4	48	3	(D)
Harrison . . . . .	6	61	3	12
Henry . . . . .	9	(D)	2	(D)
Howard . . . . .	9	1,304	7	276
Humboldt . . . . .	1	(D)	1	(D)
Ida . . . . .	3	(D)	-	-
Iowa . . . . .	5	(D)	2	(D)
Jackson . . . . .	11	120	4	34
Jasper . . . . .	8	150	1	(D)
Jefferson . . . . .	6	75	4	(D)
Johnson . . . . .	12	705	7	209
Jones . . . . .	6	(D)	2	(D)
Keokuk . . . . .	3	9	1	(D)
Kossuth . . . . .	3	(D)	1	(D)
Lee . . . . .	3	(D)	1	(D)
Linn . . . . .	6	(D)	2	(D)
Louisa . . . . .	2	(D)	1	(D)
Lucas . . . . .	10	61	2	(D)
Lyon . . . . .	6	14	2	(D)
Madison . . . . .	4	14	2	(D)
Mahaska . . . . .	7	23	2	(D)
Marion . . . . .	5	(D)	3	(D)
Marshall . . . . .	4	31	3	(D)
Mills . . . . .	4	63	1	(D)
Mitchell . . . . .	3	5	-	-
Monona . . . . .	1	(D)	-	-
Monroe . . . . .	3	16	1	(D)
Muscatine . . . . .	5	27	-	-
O'Brien . . . . .	4	12	1	(D)
Page . . . . .	4	(D)	2	(D)
Palo Alto . . . . .	1	(D)	-	-
Plymouth . . . . .	4	(D)	2	(D)
Pocahontas . . . . .	2	(D)	-	-
Polk . . . . .	4	202	4	32
Pottawattamie . . . . .	2	(D)	3	(D)
Poweshiek . . . . .	3	(D)	1	(D)
Ringgold . . . . .	3	22	2	(D)
Sac . . . . .	2	(D)	-	-
Scott . . . . .	3	(D)	1	(D)
Shelby . . . . .	5	30	-	-
Sioux . . . . .	10	(D)	5	33
Story . . . . .	6	73	6	67
Tama . . . . .	4	108	1	(D)
Taylor . . . . .	4	20	-	-
Union . . . . .	7	35	3	6
Van Buren . . . . .	12	(D)	4	(D)
Wapello . . . . .	11	(D)	6	(D)
Warren . . . . .	6	29	5	31
Washington . . . . .	12	776	8	239
Wayne . . . . .	3	31	1	(D)
Webster . . . . .	2	(D)	1	(D)
Winnebago . . . . .	1	(D)	1	(D)
Winneshiek . . . . .	6	261	4	(D)
Woodbury . . . . .	3	(D)	-	-
Worth . . . . .	2	(D)	2	(D)
Wright . . . . .	1	(D)	-	-

Table 18. Angora Goats - Inventory, Number Sold, and Mohair Production: 2002 and 1997

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Angora goats				Mohair production <sup>1</sup>	
	Inventory		Sold		Farms	Pounds
	Farms	Number	Farms	Number		
<b>STATE TOTAL</b>						
Iowa .....	69	708	26	268	33	8,163
..... 1997	83	1,250	22	382	40	7,516
<b>COUNTIES, 2002</b>						
Allamakee .....	2	(D)	1	(D)	-	-
Benton .....	3	(D)	-	-	1	(D)
Black Hawk .....	1	(D)	-	-	-	-
Boone .....	1	(D)	1	(D)	1	(D)
Bremer .....	1	(D)	-	-	1	(D)
Buchanan .....	1	(D)	-	-	-	-
Butler .....	1	(D)	1	(D)	1	(D)
Cedar .....	-	-	1	(D)	-	-
Cerro Gordo .....	2	(D)	2	(D)	2	(D)
Chickasaw .....	1	(D)	1	(D)	-	-
Dallas .....	1	(D)	1	(D)	1	(D)
Davis .....	1	(D)	-	-	1	(D)
Delaware .....	5	(D)	1	(D)	1	(D)
Des Moines .....	2	(D)	2	(D)	2	(D)
Dickinson .....	1	(D)	-	-	-	-
Dubuque .....	1	(D)	-	-	-	-
Floyd .....	2	(D)	1	(D)	2	(D)
Franklin .....	1	(D)	-	-	-	-
Greene .....	1	(D)	-	-	-	-
Hamilton .....	1	(D)	-	-	-	-
Hancock .....	1	(D)	-	-	-	-
Hardin .....	1	(D)	1	(D)	1	(D)
Henry .....	1	(D)	-	-	1	(D)
Howard .....	2	(D)	2	(D)	2	(D)
Ida .....	1	(D)	-	-	-	-
Iowa .....	1	(D)	-	-	-	-
Jasper .....	1	(D)	-	-	1	(D)
Jefferson .....	-	-	1	(D)	1	(D)
Johnson .....	3	26	1	(D)	1	(D)
Jones .....	4	(D)	2	(D)	1	(D)
Kossuth .....	1	(D)	-	-	-	-
Lee .....	1	(D)	-	-	1	(D)
Linn .....	1	(D)	1	(D)	1	(D)
Lucas .....	1	(D)	-	-	-	-
Marion .....	1	(D)	-	-	-	-
Page .....	1	(D)	-	-	1	(D)
Palo Alto .....	1	(D)	-	-	-	-
Plymouth .....	2	(D)	-	-	-	-
Polk .....	-	-	2	(D)	-	-
Sac .....	1	(D)	-	-	-	-
Sioux .....	1	(D)	-	-	1	(D)
Story .....	1	(D)	1	(D)	1	(D)
Van Buren .....	1	(D)	-	-	-	-
Wapello .....	1	(D)	-	-	-	-
Washington .....	1	(D)	1	(D)	2	(D)
Webster .....	-	-	1	(D)	-	-
Winnebago .....	4	(D)	-	-	2	(D)
Winneshiek .....	2	(D)	-	-	1	(D)
Woodbury .....	2	(D)	-	-	-	-
Wright .....	2	(D)	1	(D)	2	(D)

<sup>1</sup> 1997 data are for farms with sales.

**Table 19. Colonies of Bees and Honey - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Colonies of bees				Honey produced <sup>1</sup>		
	Inventory		Sold		Farms	Pounds	
	Farms	Number	Farms	Number			
<b>STATE TOTAL</b>							
Iowa .....	2002 1997	277 400	30,641 38,322	14 16	245 2,423	208 194	2,219,477 2,514,850
<b>COUNTIES, 2002</b>							
Adair .....		1	(D)	1	(D)	1	(D)
Adams .....		2	(D)	-	-	-	-
Allamakee .....		4	1,365	-	-	4	114,460
Appanoose .....		5	31	-	-	4	2,168
Audubon .....		4	532	-	-	4	47,900
Benton .....		2	(D)	-	-	1	(D)
Black Hawk .....		4	(D)	-	-	4	(D)
Boone .....		4	11	-	-	1	(D)
Bremer .....		4	204	2	(D)	4	19,812
Buchanan .....		7	61	1	(D)	5	(D)
Buena Vista .....		1	(D)	-	-	1	(D)
Butler .....		1	(D)	-	-	1	(D)
Cass .....		3	(D)	-	-	2	(D)
Cedar .....		8	103	-	-	6	3,440
Cherokee .....		1	(D)	-	-	1	(D)
Chickasaw .....		2	(D)	-	-	1	(D)
Clarke .....		2	(D)	-	-	-	-
Clayton .....		10	709	-	-	7	(D)
Clinton .....		3	(D)	-	-	1	(D)
Crawford .....		1	(D)	-	-	1	(D)
Dallas .....		5	(D)	-	-	4	(D)
Davis .....		13	112	-	-	10	3,154
Decatur .....		1	(D)	-	-	1	(D)
Delaware .....		1	(D)	-	-	1	(D)
Des Moines .....		1	(D)	1	(D)	1	(D)
Dickinson .....		1	(D)	-	-	-	-
Dubuque .....		3	260	-	-	3	(D)
Emmet .....		1	(D)	-	-	1	(D)
Fayette .....		1	(D)	-	-	1	(D)
Floyd .....		1	(D)	-	-	1	(D)
Greene .....		1	(D)	-	-	1	(D)
Guthrie .....		2	(D)	-	-	2	(D)
Hancock .....		2	(D)	-	-	2	(D)
Hardin .....		4	(D)	1	(D)	3	(D)
Harrison .....		3	(D)	-	-	1	(D)
Henry .....		3	16	-	-	1	(D)
Howard .....		2	(D)	-	-	2	(D)
Humboldt .....		4	14	-	-	2	(D)
Ida .....		1	(D)	-	-	-	-
Iowa .....		1	(D)	-	-	1	(D)
Jackson .....		3	(D)	-	-	3	(D)
Jasper .....		5	418	-	-	4	(D)
Jefferson .....		3	(D)	1	(D)	2	(D)
Johnson .....		6	74	-	-	5	4,138
Jones .....		7	(D)	-	-	2	(D)
Keokuk .....		1	(D)	-	-	-	-
Kossuth .....		2	(D)	-	-	2	(D)
Lee .....		2	(D)	-	-	1	(D)
Linn .....		19	752	2	(D)	16	65,955
Lucas .....		3	(D)	-	-	2	(D)
Madison .....		4	10	-	-	2	(D)
Mahaska .....		5	52	1	(D)	5	3,520
Marion .....		2	(D)	-	-	-	-
Mills .....		1	(D)	-	-	1	(D)
Mitchell .....		5	11	-	-	2	(D)
Monona .....		2	(D)	-	-	1	(D)
Monroe .....		3	33	-	-	3	4,580
Montgomery .....		2	(D)	-	-	2	(D)
Muscatine .....		2	(D)	-	-	-	-
Page .....		7	1,791	-	-	7	(D)
Palo Alto .....		2	(D)	-	-	1	(D)
Plymouth .....		1	(D)	-	-	1	(D)
Pocahontas .....		2	(D)	-	-	2	(D)
Polk .....		6	276	3	95	4	10,200
Pottawattamie .....		6	882	-	-	5	32,000
Poweshiek .....		1	(D)	-	-	1	(D)
Ringgold .....		3	(D)	-	-	3	(D)
Scott .....		2	(D)	-	-	1	(D)
Shelby .....		1	(D)	-	-	1	(D)
Sioux .....		2	(D)	-	-	1	(D)
Story .....		4	130	1	(D)	4	6,547
Tama .....		5	(D)	-	-	5	(D)
Taylor .....		2	(D)	-	-	1	(D)
Union .....		1	(D)	-	-	-	-
Van Buren .....		3	17	-	-	2	(D)
Wapello .....		4	(D)	-	-	2	(D)
Warren .....		4	13	-	-	4	(D)
Washington .....		12	247	-	-	12	17,155
Webster .....		1	(D)	-	-	1	(D)
Winnebago .....		2	(D)	-	-	1	(D)
Winneshiek .....		6	217	-	-	5	10,990
Woodbury .....		4	1,003	-	-	3	130,120
Worth .....		1	(D)	-	-	1	(D)

<sup>1</sup> 1997 data are for farms with sales.

**Table 20. Mink and Their Pelts - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>STATE TOTAL</b>				
Iowa .....	14	51,706	14	79,778
..... 2002	18	37,504	18	69,377
..... 1997				
<b>COUNTIES, 2002</b>				
Bremer .....	1	(D)	1	(D)
Cherokee .....	1	(D)	1	(D)
Chickasaw .....	1	16,500	1	34,000
Hamilton .....	1	(D)	1	19,642
Keokuk .....	1	(D)	1	(D)
Kossuth .....	1	(D)	1	(D)
Plymouth .....	1	(D)	1	(D)



**Table 21. Aquaculture Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms with aquaculture sold	Farms reporting by -				
		Pounds sold		Number sold		
		Farms	1,000 pounds	Farms	Thousands	
<b>CATFISH</b>						
<b>State Total</b>						
Iowa .....	2002 1997	15 (NA)	8 7	31 171	8 3	(D) (D)
<b>Counties, 2002</b>						
Appanoose .....	1	-	-	-	1	(D)
Clarke .....	1	1	(D)	(D)	-	-
Henry .....	2	1	(D)	(D)	1	(D)
Johnson .....	1	1	(D)	(D)	-	-
Jones .....	1	-	-	-	1	(D)
Keokuk .....	1	1	(D)	(D)	1	(D)
Lee .....	2	2	(D)	(D)	-	-
Linn .....	1	-	-	-	1	(D)
Tama .....	1	-	(D)	(D)	1	(D)
Van Buren .....	1	1	(D)	(D)	-	-
Warren .....	1	-	-	-	1	(D)
Washington .....	1	1	(D)	(D)	-	-
Wayne .....	1	-	-	-	1	(D)
<b>TROUT</b>						
<b>State Total</b>						
Iowa .....	2002 1997	7 (NA)	2 (NA)	(D) (NA)	5 (NA)	1,415 (NA)
<b>Counties, 2002</b>						
Clayton .....	1	-	-	-	1	(D)
Crawford .....	1	1	(D)	(D)	-	-
Delaware .....	1	-	-	-	1	(D)
Jackson .....	2	-	-	-	2	(D)
Winneshiek .....	2	1	(D)	(D)	1	(D)
<b>OTHER FOOD FISH (SEE TEXT)</b>						
<b>State Total</b>						
Iowa .....	2002 1997	7 (NA)	2 (NA)	(D) (NA)	5 (NA)	8 (NA)
<b>Counties, 2002</b>						
Harrison .....	2	-	-	-	2	(D)
Jones .....	1	-	-	-	1	(D)
Sac .....	2	-	-	-	2	(D)
Scott .....	1	1	(D)	(D)	-	-
Tama .....	1	1	(D)	(D)	-	-
<b>BAITFISH (SEE TEXT)</b>						
<b>State Total</b>						
Iowa .....	2002 1997	5 (NA)	4 (NA)	(D) (NA)	1 (NA)	(D) (NA)
<b>Counties, 2002</b>						
Clarke .....	1	1	(D)	(D)	-	-
Delaware .....	1	-	-	-	1	(D)
Johnson .....	1	1	(D)	(D)	-	-
Story .....	2	2	(D)	(D)	-	-
<b>ORNAMENTAL FISH (SEE TEXT)</b>						
<b>State Total</b>						
Iowa .....	2002 1997	3 (NA)	- (NA)	- (NA)	3 (NA)	(D) (NA)
<b>Counties, 2002</b>						
Des Moines .....	1	-	-	-	1	(D)
Tama .....	1	-	-	-	1	(D)
Wapello .....	1	-	-	-	1	(D)
<b>SPORT OR GAME FISH (SEE TEXT)</b>						
<b>State Total</b>						
Iowa .....	2002 1997	11 (NA)	2 (NA)	(D) (NA)	9 (NA)	(D) (NA)
<b>Counties, 2002</b>						
Appanoose .....	1	-	-	-	1	(D)
Clayton .....	1	-	-	-	1	(D)
Crawford .....	1	-	-	-	1	(D)
Henry .....	1	-	-	-	1	(D)
Johnson .....	1	1	(D)	(D)	-	-
Linn .....	1	-	-	-	1	(D)
Marshall .....	1	-	-	-	1	(D)
Monroe .....	1	-	-	-	1	(D)
Muscatine .....	1	-	-	-	1	(D)

--continued

**Table 21. Aquaculture Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms with aquaculture sold	Farms reporting by -			
		Pounds sold		Number sold	
		Farms	1,000 pounds	Farms	Thousands
<b>SPORT OR GAME FISH (SEE TEXT) - Con.</b>					
<b>Counties, 2002 - Con.</b>					
Ringgold .....	1	-	-	1	(D)
Washington .....	1	1	(D)	-	-
<b>OTHER FISH (SEE TEXT)</b>					
<b>State Total</b>					
Iowa ..... 2002	2	-	-	2	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties, 2002</b>					
Harrison .....	2	-	-	2	(D)
<b>OTHER AQUACULTURE PRODUCTS (SEE TEXT)</b>					
<b>State Total</b>					
Iowa ..... 2002	7	1	(D)	7	(D)
1997	(NA)	2	(X)	9	(X)
<b>Counties, 2002</b>					
Appanoose .....	1	-	-	1	(D)
Buena Vista .....	1	1	(D)	1	(D)
Crawford .....	1	-	-	1	(D)
Davis .....	2	-	-	2	(D)
Dickinson .....	1	-	-	1	(D)
Van Buren .....	1	-	-	1	(D)

**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold		
	Farms	Number	Farms	Number	
<b>BISON</b>					
<b>State Total</b>					
Iowa .....	2002 1997	116 (NA)	2,758 (NA)	58 (NA)	486 (NA)
<b>Counties, 2002</b>					
Adair .....		1	(D)	-	-
Allamakee .....		2	(D)	2	(D)
Appanoose .....		2	(D)	-	-
Audubon .....		1	(D)	-	-
Black Hawk .....		2	(D)	-	-
Bremer .....		4	250	3	27
Buena Vista .....		1	(D)	-	-
Butler .....		3	30	-	-
Cass .....		1	(D)	-	-
Cedar .....		2	(D)	2	(D)
Cherokee .....		1	(D)	1	(D)
Chickasaw .....		4	111	4	19
Clayton .....		2	(D)	2	(D)
Decatur .....		2	(D)	2	(D)
Dickinson .....		1	(D)	-	-
Dubuque .....		3	95	1	(D)
Emmet .....		2	(D)	-	-
Fayette .....		1	(D)	1	(D)
Floyd .....		2	(D)	2	(D)
Franklin .....		4	(D)	2	(D)
Fremont .....		-	-	1	(D)
Grundy .....		2	(D)	-	-
Guthrie .....		1	(D)	1	(D)
Hancock .....		1	(D)	2	(D)
Harrison .....		1	(D)	-	-
Humboldt .....		3	46	3	11
Iowa .....		1	(D)	-	-
Jackson .....		4	(D)	1	(D)
Johnson .....		1	(D)	-	-
Jones .....		1	(D)	1	(D)
Keokuk .....		2	(D)	1	(D)
Kossuth .....		4	60	1	(D)
Lee .....		5	100	-	-
Linn .....		5	64	-	-
Louisa .....		2	(D)	2	(D)
Lyon .....		3	28	-	-
Madison .....		2	(D)	-	-
Marshall .....		-	-	2	(D)
Monroe .....		2	(D)	-	-
Muscatine .....		5	101	3	15
Page .....		3	(D)	2	(D)
Plymouth .....		2	(D)	-	-
Pottawattamie .....		1	(D)	-	-
Poweshiek .....		-	-	1	(D)
Sac .....		1	(D)	-	-
Shelby .....		5	78	2	(D)
Sioux .....		1	(D)	-	-
Story .....		1	(D)	1	(D)
Tama .....		1	(D)	1	(D)
Taylor .....		3	37	3	4
Union .....		1	(D)	1	(D)
Van Buren .....		-	-	2	(D)
Warren .....		2	(D)	-	-
Wayne .....		3	266	-	-
Winneshiek .....		2	(D)	2	(D)
Woodbury .....		1	(D)	-	-
Worth .....		2	(D)	2	(D)
Wright .....		1	(D)	1	(D)
<b>DEER</b>					
<b>State Total</b>					
Iowa .....	2002 1997	101 (NA)	2,528 (NA)	47 (NA)	589 (NA)
<b>Counties, 2002</b>					
Adair .....		1	(D)	1	(D)
Allamakee .....		7	80	1	(D)
Appanoose .....		1	(D)	-	-
Benton .....		1	(D)	1	(D)
Bremer .....		2	(D)	1	(D)
Buchanan .....		8	193	3	27
Buena Vista .....		1	(D)	-	-
Butler .....		-	-	2	(D)
Calhoun .....		2	(D)	2	(D)
Carroll .....		2	(D)	2	(D)
Cass .....		-	-	1	(D)
Cedar .....		2	(D)	-	-
Cerro Gordo .....		3	40	1	(D)
Chickasaw .....		2	(D)	1	(D)
Clayton .....		1	(D)	1	(D)
Crawford .....		1	(D)	-	-
Davis .....		1	(D)	1	(D)
Decatur .....		2	(D)	1	(D)
Delaware .....		5	109	-	-

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**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>DEER - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Des Moines	1	(D)	1	(D)
Dubuque	2	(D)	1	(D)
Emmet	1	(D)	-	-
Fayette	1	(D)	-	-
Floyd	2	(D)	2	(D)
Fremont	1	(D)	1	(D)
Grundy	1	(D)	1	(D)
Guthrie	3	71	2	(D)
Henry	2	(D)	1	(D)
Iowa	1	(D)	1	(D)
Jackson	2	(D)	1	(D)
Jefferson	2	(D)	-	-
Jones	2	(D)	2	(D)
Keokuk	3	45	2	-
Lee	2	(D)	2	(D)
Linn	2	(D)	1	(D)
Louisa	3	13	1	(D)
Lucas	1	(D)	1	(D)
Mitchell	1	(D)	-	-
Montgomery	2	(D)	1	(D)
Plymouth	1	(D)	-	-
Polk	1	(D)	1	(D)
Poweshiek	1	(D)	-	-
Ringgold	1	(D)	-	-
Scott	2	(D)	-	-
Shelby	2	(D)	-	-
Tama	4	110	2	(D)
Taylor	1	(D)	-	-
Van Buren	1	(D)	1	(D)
Warren	4	30	2	(D)
Washington	2	(D)	-	-
Webster	2	(D)	2	(D)
Winnebuck	1	(D)	-	-
Worth	1	(D)	1	(D)
<b>ELK</b>				
<b>State Total</b>				
Iowa	2002 1997	125 (NA)	4,592 (NA)	57 (NA)
<b>Counties, 2002</b>				
Adair	1	(D)	1	(D)
Adams	1	(D)	-	-
Allamakee	3	70	3	(D)
Audubon	1	(D)	-	-
Black Hawk	2	(D)	1	(D)
Boone	7	97	4	33
Buchanan	3	(D)	-	-
Butler	2	(D)	-	-
Carroll	2	(D)	-	-
Cedar	2	(D)	-	-
Cerro Gordo	2	(D)	-	-
Clayton	4	118	1	(D)
Dallas	3	(D)	1	(D)
Decatur	5	742	4	75
Delaware	1	(D)	-	-
Des Moines	5	242	3	60
Dubuque	4	136	4	(D)
Emmet	2	(D)	-	-
Fayette	3	(D)	2	(D)
Franklin	-	-	1	(D)
Fremont	1	(D)	1	(D)
Grundy	1	(D)	-	-
Guthrie	2	(D)	2	(D)
Hamilton	3	87	3	66
Henry	4	34	-	-
Iowa	1	(D)	1	(D)
Jackson	3	38	1	(D)
Jasper	1	(D)	-	-
Jefferson	1	(D)	-	-
Johnson	1	(D)	-	-
Keokuk	7	220	1	(D)
Kossuth	1	(D)	2	(D)
Lee	1	(D)	-	-
Linn	1	(D)	-	-
Louisa	2	(D)	-	-
Mahaska	3	(D)	1	(D)
Mitchell	4	260	2	(D)
Monroe	2	(D)	2	(D)
Osceola	1	(D)	1	(D)
Page	1	(D)	-	-
Plymouth	1	(D)	-	-
Polk	2	(D)	2	(D)
Pottawattamie	1	(D)	1	(D)
Poweshiek	1	(D)	1	(D)
Scott	1	(D)	-	-
Shelby	2	(D)	-	-
Sioux	1	(D)	-	-

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**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>ELK - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Story .....	1	(D)	-	-
Tama .....	1	(D)	1	(D)
Taylor .....	1	(D)	1	(D)
Van Buren .....	2	(D)	2	(D)
Wapello .....	3	554	2	(D)
Warren .....	2	(D)	-	-
Washington .....	2	(D)	-	-
Wayne .....	1	(D)	1	(D)
Winneshiek .....	5	119	2	(D)
Worth .....	2	(D)	-	-
Wright .....	2	(D)	2	(D)
<b>GOATS, ALL</b>				
<b>State Total</b>				
Iowa .....	2002	18,898	497	11,093
	1997	13,245	419	5,378
<b>Counties, 2002</b>				
Adair .....	8	147	6	88
Adams .....	1	(D)	-	-
Allamakee .....	6	72	4	28
Appanoose .....	13	66	5	33
Audubon .....	6	6	2	(D)
Benton .....	15	175	6	51
Black Hawk .....	12	230	6	150
Boone .....	16	147	8	108
Bremer .....	18	300	7	76
Buchanan .....	13	98	6	32
Buena Vista .....	8	37	1	(D)
Butler .....	20	540	10	648
Calhoun .....	5	44	5	24
Carroll .....	6	61	2	(D)
Cass .....	11	219	6	72
Cedar .....	10	23	7	27
Cerro Gordo .....	7	80	3	28
Cherokee .....	6	41	2	(D)
Chickasaw .....	9	63	5	188
Clarke .....	22	162	8	34
Clay .....	4	19	-	-
Clayton .....	28	1,326	12	564
Clinton .....	15	126	4	18
Crawford .....	10	230	8	257
Dallas .....	18	153	7	92
Davis .....	27	293	14	104
Decatur .....	5	50	2	(D)
Delaware .....	13	537	7	224
Des Moines .....	19	225	5	41
Dickinson .....	3	18	1	(D)
Dubuque .....	7	449	4	233
Emmet .....	6	69	1	(D)
Fayette .....	10	233	4	262
Floyd .....	10	32	2	(D)
Franklin .....	3	(D)	1	(D)
Fremont .....	8	112	5	52
Greene .....	7	30	1	(D)
Grundy .....	3	9	-	-
Guthrie .....	10	83	1	(D)
Hamilton .....	10	208	4	66
Hancock .....	2	(D)	2	(D)
Hardin .....	9	55	3	69
Harrison .....	9	161	3	85
Henry .....	16	127	12	56
Howard .....	15	1,411	9	1,069
Humboldt .....	3	(D)	1	(D)
Ida .....	5	72	2	(D)
Iowa .....	14	341	6	177
Jackson .....	21	208	7	75
Jasper .....	12	171	4	(D)
Jefferson .....	19	277	12	493
Johnson .....	25	815	13	274
Jones .....	11	65	4	16
Keokuk .....	11	65	2	(D)
Kossuth .....	10	50	3	24
Lee .....	12	134	4	43
Linn .....	26	468	10	265
Louisa .....	12	374	9	380
Lucas .....	17	116	7	53
Lyon .....	14	405	12	1,008
Madison .....	16	60	2	(D)
Mahaska .....	21	196	9	66
Marion .....	19	148	11	108
Marshall .....	13	81	5	39
Mills .....	6	124	5	44
Mitchell .....	13	37	1	(D)
Monona .....	5	10	-	-
Monroe .....	9	50	2	(D)
Montgomery .....	2	(D)	1	(D)
Muscatine .....	22	324	6	39

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**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold		
	Farms	Number	Farms	Number	
<b>GOATS, ALL - Con.</b>					
<b>Counties, 2002 - Con.</b>					
O'Brien	9	71	3	34	
Page	9	110	5	47	
Palo Alto	1	(D)	-	-	
Plymouth	16	384	8	181	
Pocahontas	3	12	1	(D)	
Polk	12	326	8	150	
Pottawattamie	12	47	4	7	
Poweshiek	11	242	7	73	
Ringgold	8	59	2	(D)	
Sac	7	30	-	-	
Scott	15	109	3	(D)	
Shelby	11	44	3	14	
Sioux	26	478	13	242	
Story	16	117	12	97	
Tama	19	339	7	142	
Taylor	8	105	3	38	
Union	12	124	7	48	
Van Buren	22	183	5	30	
Wapello	26	382	10	153	
Warren	16	210	9	107	
Washington	22	1,088	13	486	
Wayne	9	111	3	17	
Webster	6	22	1	(D)	
Winneshiek	10	77	3	36	
Winneshiek	17	357	5	124	
Woodbury	13	91	5	29	
Worth	5	364	3	(D)	
Wright	9	226	5	81	
<b>MEAT AND OTHER GOATS (SEE TEXT)</b>					
<b>State Total</b>					
Iowa	2002	813	9,666	337	7,740
	1997	827	6,732	308	3,502
<b>Counties, 2002</b>					
Adair	6	(D)	5	(D)	
Allamakee	5	55	2	(D)	
Appanoose	7	22	3	(D)	
Audubon	4	(D)	2	(D)	
Benton	10	109	5	(D)	
Black Hawk	10	(D)	6	(D)	
Boone	14	(D)	6	78	
Bremer	17	255	7	76	
Buchanan	8	(D)	3	5	
Buena Vista	5	31	-	-	
Butler	17	491	8	(D)	
Calhoun	-	-	1	(D)	
Carroll	6	61	2	(D)	
Cass	10	(D)	5	(D)	
Cedar	6	14	6	(D)	
Cerro Gordo	3	32	1	(D)	
Cherokee	4	(D)	1	(D)	
Chickasaw	4	(D)	3	(D)	
Clarke	14	128	8	34	
Clay	3	(D)	-	-	
Clayton	17	202	5	166	
Clinton	12	121	3	(D)	
Crawford	6	75	5	153	
Dallas	14	56	5	67	
Davis	14	188	9	83	
Decatur	5	(D)	2	(D)	
Delaware	7	134	5	(D)	
Des Moines	12	(D)	2	(D)	
Dickinson	2	(D)	1	(D)	
Dubuque	2	(D)	-	-	
Emmet	4	(D)	1	(D)	
Fayette	7	202	3	(D)	
Floyd	5	15	1	(D)	
Franklin	2	(D)	1	(D)	
Fremont	7	(D)	4	(D)	
Greene	5	(D)	1	(D)	
Grundy	3	9	-	-	
Guthrie	4	28	-	-	
Hamilton	8	(D)	4	66	
Hancock	1	(D)	2	(D)	
Hardin	5	(D)	-	-	
Harrison	6	100	3	73	
Henry	13	92	10	(D)	
Howard	6	(D)	4	(D)	
Humboldt	2	(D)	-	-	
Ida	3	42	2	(D)	
Iowa	10	244	4	(D)	
Jackson	14	88	4	41	
Jasper	5	(D)	3	3	
Jefferson	16	202	9	411	
Johnson	11	90	6	(D)	
Jones	8	20	-	-	
Keokuk	8	56	1	(D)	

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**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>MEAT AND OTHER GOATS (SEE TEXT) - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Kossuth .....	6	40	2	(D)
Lee .....	10	75	4	(D)
Linn .....	21	402	7	(D)
Louisa .....	11	(D)	8	(D)
Lucas .....	8	(D)	5	(D)
Lyon .....	9	391	10	(D)
Madison .....	12	46	-	-
Mahaska .....	15	173	7	(D)
Marion .....	14	103	8	(D)
Marshall .....	10	50	2	(D)
Mills .....	4	61	4	(D)
Mitchell .....	11	32	1	(D)
Monona .....	4	(D)	-	-
Monroe .....	8	34	1	(D)
Montgomery .....	2	(D)	1	(D)
Muscatine .....	19	297	6	39
O'Brien .....	7	59	2	(D)
Page .....	6	84	4	(D)
Palo Alto .....	1	(D)	-	-
Plymouth .....	13	343	8	(D)
Pocahontas .....	2	(D)	1	(D)
Polk .....	8	124	2	(D)
Pottawattamie .....	11	(D)	1	(D)
Poweshiek .....	9	(D)	6	(D)
Ringgold .....	4	37	-	-
Sac .....	4	(D)	-	-
Scott .....	13	(D)	3	16
Shelby .....	8	14	3	14
Sioux .....	24	399	11	209
Story .....	9	(D)	5	(D)
Tama .....	18	231	7	(D)
Taylor .....	5	85	3	38
Union .....	5	89	4	42
Van Buren .....	12	119	1	(D)
Wapello .....	15	213	4	(D)
Warren .....	12	181	7	76
Washington .....	12	(D)	6	(D)
Wayne .....	8	80	2	(D)
Webster .....	4	(D)	1	(D)
Winnebago .....	8	39	3	(D)
Winneshiek .....	12	(D)	3	(D)
Woodbury .....	11	73	5	29
Worth .....	3	(D)	1	(D)
Wright .....	7	(D)	4	(D)
<b>LLAMAS</b>				
<b>State Total</b>				
Iowa .....	2002 1997	305 (NA)	1,889 (NA)	53 (NA)
<b>Counties, 2002</b>				
Adair .....	3	12	1	(D)
Adams .....	1	(D)	-	-
Allamakee .....	5	11	2	(D)
Appanoose .....	4	6	-	-
Audubon .....	1	(D)	-	-
Benton .....	5	11	1	(D)
Black Hawk .....	10	88	4	14
Boone .....	7	24	-	-
Bremer .....	2	(D)	2	(D)
Buchanan .....	3	56	-	-
Buena Vista .....	1	(D)	-	-
Butler .....	1	(D)	-	-
Carroll .....	2	(D)	-	-
Cass .....	1	(D)	-	-
Cedar .....	2	(D)	1	(D)
Cerro Gordo .....	4	17	2	(D)
Clarke .....	5	33	-	-
Clay .....	3	5	-	-
Clayton .....	2	(D)	1	(D)
Clinton .....	5	18	-	-
Crawford .....	1	(D)	-	-
Dallas .....	7	32	3	(D)
Davis .....	12	41	1	(D)
Decatur .....	5	56	2	(D)
Delaware .....	5	19	-	-
Des Moines .....	3	22	1	(D)
Dubuque .....	9	75	2	(D)
Fayette .....	2	(D)	-	-
Floyd .....	2	(D)	2	(D)
Franklin .....	1	(D)	1	(D)
Fremont .....	1	(D)	-	-
Hardin .....	7	108	3	13
Harrison .....	3	28	1	(D)
Henry .....	2	(D)	-	-
Humboldt .....	1	(D)	-	-
Ida .....	1	(D)	-	-
Iowa .....	5	13	-	-

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**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>LLAMAS - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Jackson .....	2	(D)	1	(D)
Jasper .....	1	(D)	-	-
Jefferson .....	6	(D)	1	(D)
Johnson .....	9	43	1	(D)
Jones .....	2	(D)	-	-
Keokuk .....	3	36	-	-
Lee .....	1	(D)	1	(D)
Linn .....	6	40	-	-
Louisa .....	4	(D)	-	-
Lucas .....	4	10	-	-
Madison .....	4	36	3	11
Mahaska .....	5	9	-	-
Marion .....	6	13	1	(D)
Marshall .....	8	23	-	-
Mills .....	1	(D)	-	-
Monona .....	1	(D)	-	-
Monroe .....	1	(D)	-	-
Montgomery .....	2	(D)	-	-
Muscatine .....	14	113	2	(D)
Osceola .....	1	(D)	-	-
Page .....	6	18	-	-
Plymouth .....	10	52	-	-
Pocahontas .....	2	(D)	-	-
Polk .....	5	39	2	(D)
Pottawattamie .....	4	6	-	-
Poweshiek .....	4	8	1	(D)
Ringgold .....	5	56	1	(D)
Shelby .....	1	(D)	-	-
Sioux .....	6	36	5	13
Story .....	2	(D)	-	-
Tama .....	6	19	1	(D)
Taylor .....	4	49	1	(D)
Union .....	1	(D)	-	-
Van Buren .....	6	12	-	-
Wapello .....	4	7	-	-
Warren .....	7	49	1	(D)
Washington .....	4	18	-	-
Wayne .....	2	(D)	-	-
Webster .....	1	(D)	-	-
Woodbury .....	8	25	1	(D)
Wright .....	2	(D)	-	-
<b>MULES, BURROS, AND DONKEYS</b>				
<b>State Total</b>				
Iowa .....	2002	410	2,074	96
	1997	839	2,514	128
<b>Counties, 2002</b>				
Adair .....	2	(D)	1	(D)
Adams .....	2	(D)	-	-
Allamakee .....	8	34	1	(D)
Appanoose .....	5	16	-	-
Audubon .....	1	(D)	-	-
Benton .....	1	(D)	-	-
Black Hawk .....	6	44	3	11
Boone .....	7	19	1	(D)
Bremer .....	9	43	5	14
Buchanan .....	3	25	1	(D)
Butler .....	6	26	3	5
Calhoun .....	1	(D)	-	-
Carroll .....	6	8	-	-
Cass .....	7	39	-	-
Cedar .....	1	(D)	-	-
Cherokee .....	2	(D)	2	(D)
Chickasaw .....	1	(D)	1	(D)
Clarke .....	6	72	2	(D)
Clayton .....	10	44	1	(D)
Clinton .....	2	(D)	-	-
Crawford .....	2	(D)	-	-
Dallas .....	11	36	-	-
Davis .....	11	18	2	(D)
Decatur .....	8	11	2	(D)
Delaware .....	2	(D)	-	-
Des Moines .....	2	(D)	-	-
Dickinson .....	1	(D)	-	-
Dubuque .....	8	25	1	(D)
Emmet .....	1	(D)	-	-
Fayette .....	1	(D)	-	-
Floyd .....	2	(D)	-	-
Fremont .....	2	(D)	1	(D)
Greene .....	4	9	-	-
Hamilton .....	2	(D)	1	(D)
Hancock .....	2	(D)	-	-
Harrison .....	9	22	-	-
Henry .....	4	28	4	30
Howard .....	1	(D)	-	-
Humboldt .....	1	(D)	-	-
Ida .....	1	(D)	-	-

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Table 22. **Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>MULES, BURROS, AND DONKEYS - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Iowa .....	4	24	4	9
Jackson .....	2	(D)	1	(D)
Jasper .....	13	45	4	10
Jefferson .....	11	26	2	(D)
Johnson .....	6	12	-	-
Jones .....	3	4	-	-
Keokuk .....	4	65	1	(D)
Kossuth .....	1	(D)	-	-
Lee .....	8	44	3	7
Linn .....	7	27	-	-
Louisa .....	3	15	-	-
Lucas .....	14	34	2	(D)
Madison .....	9	23	-	-
Mahaska .....	5	12	-	-
Marion .....	21	77	5	8
Marshall .....	4	29	2	(D)
Monona .....	2	(D)	-	-
Monroe .....	3	18	4	22
Montgomery .....	2	(D)	-	-
Muscatine .....	8	74	2	(D)
O'Brien .....	3	13	-	-
Osceola .....	1	(D)	1	(D)
Page .....	6	12	1	(D)
Plymouth .....	3	7	-	-
Pocahontas .....	1	(D)	-	-
Polk .....	4	30	2	(D)
Pottawattamie .....	7	16	1	(D)
Poweshiek .....	4	23	2	(D)
Ringgold .....	4	7	2	(D)
Sac .....	2	(D)	-	-
Scott .....	5	49	2	(D)
Story .....	1	(D)	-	-
Tama .....	1	(D)	2	(D)
Taylor .....	5	9	1	(D)
Union .....	7	12	-	-
Van Buren .....	8	50	5	10
Wapello .....	7	(D)	1	(D)
Warren .....	16	204	2	(D)
Washington .....	2	(D)	2	(D)
Wayne .....	4	(D)	2	(D)
Webster .....	5	73	2	(D)
Winnebago .....	1	(D)	-	-
Winneshiek .....	11	48	3	4
Woodbury .....	6	20	-	-
Worth .....	1	(D)	1	(D)
Wright .....	4	169	2	(D)
<b>RABBITS AND THEIR PELTS</b>				
<b>State Total</b>				
Iowa .....	2002	3,486	79	4,220
	1997	7,979	123	15,031
<b>Counties, 2002</b>				
Benton .....	6	57	2	(D)
Boone .....	5	34	-	-
Buchanan .....	3	5	-	-
Butler .....	1	(D)	-	-
Carroll .....	2	(D)	-	-
Cass .....	2	(D)	2	(D)
Cedar .....	1	(D)	1	(D)
Cherokee .....	2	(D)	2	(D)
Chickasaw .....	3	31	-	-
Clarke .....	1	(D)	-	-
Clay .....	2	(D)	2	(D)
Clayton .....	7	200	3	30
Clinton .....	5	60	2	(D)
Crawford .....	2	(D)	2	(D)
Dallas .....	3	21	-	-
Davis .....	7	247	3	(D)
Decatur .....	3	(D)	2	(D)
Delaware .....	5	87	1	(D)
Des Moines .....	2	(D)	-	-
Dubuque .....	3	10	1	(D)
Emmet .....	3	32	-	-
Floyd .....	1	(D)	1	(D)
Franklin .....	1	(D)	1	(D)
Grundy .....	2	(D)	1	(D)
Guthrie .....	5	24	2	(D)
Hamilton .....	2	(D)	-	-
Hancock .....	2	(D)	-	-
Hardin .....	2	(D)	1	(D)
Harrison .....	1	(D)	-	-
Henry .....	2	(D)	-	-
Howard .....	1	(D)	1	(D)
Humboldt .....	2	(D)	-	-
Iowa .....	1	(D)	1	(D)
Jackson .....	3	17	-	-
Jasper .....	1	(D)	-	-

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**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>RABBITS AND THEIR PELTS - Con.</b>				
<b>Counties, 2002 - Con.</b>				
Jefferson .....	3	(D)	-	-
Johnson .....	3	(D)	3	16
Jones .....	2	(D)	2	(D)
Lee .....	1	(D)	1	(D)
Linn .....	2	(D)	2	(D)
Louisa .....	5	25	-	-
Lucas .....	4	19	1	(D)
Lyon .....	1	(D)	1	(D)
Madison .....	3	12	-	-
Mahaska .....	4	8	-	-
Marion .....	2	(D)	1	(D)
Marshall .....	1	(D)	1	(D)
Mitchell .....	6	34	5	52
Muscatine .....	1	(D)	1	(D)
O'Brien .....	4	(D)	1	(D)
Plymouth .....	4	32	-	-
Polk .....	2	(D)	-	-
Pottawattamie .....	2	(D)	-	-
Poweshiek .....	1	(D)	1	(D)
Ringgold .....	4	17	1	(D)
Scott .....	6	189	3	(D)
Shelby .....	3	11	1	(D)
Sioux .....	7	126	6	358
Taylor .....	1	(D)	-	-
Union .....	1	(D)	-	-
Van Buren .....	5	103	3	118
Wapello .....	3	47	2	(D)
Warren .....	4	(D)	1	(D)
Washington .....	9	215	1	(D)
Wayne .....	3	11	1	(D)
Webster .....	2	(D)	2	(D)
Winnebago .....	3	81	1	(D)
Winneshiek .....	4	155	2	(D)
Woodbury .....	6	114	4	120
Wright .....	2	(D)	-	-
<b>OTHER LIVESTOCK (SEE TEXT)</b>				
<b>State Total</b>				
Iowa .....	2002 1997	56 (NA)	(X) (NA)	27 (NA)
<b>Counties, 2002</b>				
Benton .....	1	(X)	1	(X)
Black Hawk .....	4	(X)	1	(X)
Buchanan .....	1	(X)	1	(X)
Butler .....	2	(X)	2	(X)
Cherokee .....	2	(X)	2	(X)
Clay .....	2	(X)	-	(X)
Clayton .....	2	(X)	1	(X)
Clinton .....	2	(X)	2	(X)
Dallas .....	2	(X)	-	(X)
Davis .....	2	(X)	-	(X)
Des Moines .....	1	(X)	1	(X)
Franklin .....	3	(X)	1	(X)
Hamilton .....	2	(X)	-	(X)
Henry .....	2	(X)	2	(X)
Johnson .....	1	(X)	1	(X)
Jones .....	1	(X)	-	(X)
Lee .....	2	(X)	-	(X)
Lucas .....	2	(X)	-	(X)
Madison .....	2	(X)	2	(X)
Mahaska .....	1	(X)	1	(X)
Monroe .....	1	(X)	-	(X)
Plymouth .....	3	(X)	1	(X)
Pocahontas .....	1	(X)	1	(X)
Polk .....	1	(X)	1	(X)
Poweshiek .....	1	(X)	-	(X)
Story .....	2	(X)	-	(X)
Tama .....	1	(X)	1	(X)
Wapello .....	2	(X)	2	(X)
Warren .....	1	(X)	1	(X)
Washington .....	2	(X)	-	(X)
Wayne .....	1	(X)	1	(X)
Woodbury .....	3	(X)	1	(X)

**Table 23. Selected Crops Harvested: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	lowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Harvested cropland	farms 67,338	621	380	630	580	428	933
	acres 23,994,343	242,912	134,308	144,612	88,565	205,216	331,805
Irrigated	farms 934	1	3	6	1	3	10
	acres 141,438	(D)	(D)	(D)	(D)	3	774
Corn for grain	farms 52,806	471	277	468	226	348	774
	acres 11,761,392	106,875	60,020	61,997	21,487	97,642	161,461
	bushels 1,851,276,224	15,758,674	7,827,147	9,554,607	2,783,553	14,470,133	28,235,108
Irrigated	farms 416	-	-	-	-	-	-
	acres 86,261	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	4,881	37	35	76	56	26	65
25 to 99 acres	15,510	157	82	204	105	84	209
100 to 249 acres	16,414	152	76	128	40	106	289
250 to 499 acres	10,115	72	49	37	23	73	141
500 acres or more	5,886	53	35	23	2	59	70
500 to 999 acres	4,855	39	32	18	2	46	59
1,000 acres or more	1,031	14	3	5	-	13	11
Corn for silage or greenchop	farms 6,909	72	26	211	18	36	80
	acres 247,269	2,332	1,571	6,581	508	1,444	3,174
	tons 4,726,816	32,295	31,681	127,378	7,956	19,798	65,837
Irrigated	farms 13	-	-	-	-	-	-
	acres 514	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	4,025	42	10	132	10	21	46
25 to 99 acres	2,387	26	10	69	8	11	25
100 to 249 acres	393	2	6	7	-	4	7
250 to 499 acres	92	2	-	3	-	-	2
500 acres or more	12	-	-	-	-	-	-
500 to 999 acres	12	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Sorghum for grain	farms 38	-	-	-	3	-	-
	acres 2,355	-	-	-	121	-	-
	bushels 142,814	-	-	-	5,130	-	-
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	21	-	-	-	-	-	-
25 to 99 acres	12	-	-	-	3	-	-
100 to 249 acres	1	-	-	-	-	-	-
250 to 499 acres	4	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Wheat for grain, All	farms 412	2	3	1	3	2	2
	acres 18,317	(D)	161	(D)	320	(D)	(D)
	bushels 961,995	(D)	6,800	(D)	15,940	(D)	(D)
Irrigated	farms 1	-	-	-	-	-	-
	acres (D)	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	212	1	-	1	-	-	1
25 to 99 acres	157	-	3	-	2	-	1
100 to 249 acres	35	1	-	-	1	2	-
250 to 499 acres	6	-	-	-	-	-	-
500 acres or more	2	-	-	-	-	-	-
500 to 999 acres	2	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Barley for grain	farms 152	-	-	13	-	-	3
	acres 4,166	-	-	587	-	-	(D)
	bushels 241,818	-	-	38,665	-	-	1,630
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	98	-	-	5	-	-	3
25 to 99 acres	49	-	-	7	-	-	-
100 to 249 acres	3	-	-	1	-	-	-
250 to 499 acres	2	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Oats for grain	farms 6,963	101	46	208	36	45	94
	acres 143,513	3,006	1,522	5,554	878	1,184	1,586
	bushels 10,761,952	228,724	104,109	400,888	50,268	101,282	133,050
Irrigated	farms 1	-	-	-	-	-	-
	acres (D)	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	5,144	58	29	124	18	25	74
25 to 99 acres	1,732	39	14	75	18	18	20
100 to 249 acres	84	4	2	9	-	2	-
250 to 499 acres	2	-	1	-	-	-	-
500 acres or more	1	-	-	-	-	-	-
500 to 999 acres	1	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Sunflower seed, All	farms 6	-	-	-	-	-	-
	acres (D)	-	-	-	-	-	-
	pounds (D)	-	-	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	4	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-
100 to 249 acres	1	-	-	-	-	-	-
250 to 499 acres	1	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Harvested cropland	farms 723	farms 668	farms 746	farms 857	farms 662	farms 783	farms 612
	acres 241,295	acres 267,212	acres 218,189	acres 298,590	acres 305,632	acres 277,250	acres 309,225
Irrigated	farms 16	farms 10	farms 4	farms 1	farms 5	farms 3	farms 1
	acres 157	acres 45	(D)	(D)	(D)	(D)	(D)
Corn for grain	farms 594	farms 522	farms 623	farms 730	farms 606	farms 653	farms 557
	acres 124,214	acres 137,717	acres 115,017	acres 158,154	acres 155,329	acres 141,955	acres 155,718
Irrigated	bushels 21,803,101	bushels 22,815,697	bushels 20,456,080	bushels 27,777,523	bushels 23,893,505	bushels 23,928,365	bushels 25,582,211
	farms -	farms -	farms 1	farms -	farms 1	farms 2	farms -
	acres -	acres -	(D)	(D)	(D)	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	43	45	57	95	25	53	30
25 to 99 acres	209	132	230	218	136	190	145
100 to 249 acres	180	159	194	206	211	217	150
250 to 499 acres	95	90	90	125	170	129	129
500 acres or more	67	96	52	86	64	64	103
500 to 999 acres	61	84	43	72	55	51	86
1,000 acres or more	6	12	9	14	9	13	17
Corn for silage or greenchop	farms 48	farms 19	farms 80	farms 80	farms 49	farms 59	farms 24
	acres 1,085	acres 598	acres 2,155	acres 2,094	acres 1,777	acres 1,359	acres 1,164
Irrigated	tons 22,867	tons 10,617	tons 41,627	tons 41,024	tons 46,719	tons 25,632	tons 23,994
	acres -	acres -	acres -	acres -	acres -	acres -	acres -
Farms by acres harvested:							
1 to 24 acres	33	9	55	51	29	41	13
25 to 99 acres	15	9	23	25	16	17	9
100 to 249 acres	-	1	2	4	4	1	1
250 to 499 acres	-	-	-	-	-	-	1
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Sorghum for grain	farms -	farms 4	farms -	farms -	farms 1	farms -	farms -
	acres -	acres 144	acres -	acres -	(D)	acres -	acres -
Irrigated	bushels -	bushels 14,549	bushels -	bushels -	(D)	bushels -	bushels -
	acres -	acres -	acres -	acres -	acres -	acres -	acres -
Farms by acres harvested:							
1 to 24 acres	-	1	-	-	1	-	-
25 to 99 acres	-	3	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Wheat for grain, All	farms 1	farms 2	farms -	farms 2	farms 1	farms 2	farms -
	acres (D)	acres (D)	acres -	acres (D)	acres (D)	acres (D)	acres -
Irrigated	bushels (D)	bushels (D)	bushels -	bushels (D)	bushels (D)	bushels (D)	bushels -
	acres -	acres -	acres -	acres -	acres -	acres -	acres -
Farms by acres harvested:							
1 to 24 acres	1	1	-	-	-	2	-
25 to 99 acres	-	1	-	1	1	-	-
100 to 249 acres	-	-	-	1	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Barley for grain	farms 1	farms -	farms 1	farms 1	farms 2	farms 2	farms -
	acres (D)	acres -	acres (D)	acres (D)	acres (D)	acres (D)	acres -
Irrigated	bushels (D)	bushels -	bushels (D)	bushels (D)	bushels (D)	bushels (D)	bushels -
	acres -	acres -	acres -	acres -	acres -	acres -	acres -
Farms by acres harvested:							
1 to 24 acres	1	-	-	-	-	2	-
25 to 99 acres	-	-	1	1	2	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Oats for grain	farms 62	farms 46	farms 86	farms 142	farms 43	farms 88	farms 43
	acres 1,007	acres 1,099	acres 1,353	acres 2,613	acres 803	acres 1,474	acres 531
Irrigated	bushels 85,042	bushels 97,652	bushels 109,236	bushels 222,360	bushels 61,447	bushels 120,669	bushels 46,984
	farms -	farms -	farms -	farms -	farms -	farms -	farms -
	acres -	acres -	acres -	acres -	acres -	acres -	acres -
Farms by acres harvested:							
1 to 24 acres	48	28	70	115	36	76	39
25 to 99 acres	14	17	16	25	5	10	4
100 to 249 acres	-	1	-	2	2	2	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Sunflower seed, All	farms -	farms -	farms -	farms -	farms -	farms -	farms -
	acres -	acres -	acres -	acres -	acres -	acres -	acres -
Irrigated	pounds -	pounds -	pounds -	pounds -	pounds -	pounds -	pounds -
	farms -	farms -	farms -	farms -	farms -	farms -	farms -
	acres -	acres -	acres -	acres -	acres -	acres -	acres -
Farms by acres harvested:							
1 to 24 acres	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Harvested cropland	838 farms	564 acres	728 acres	619 acres	702 acres	707 acres	503 acres
Irrigated	310,612 acres	254,695 acres	273,846 acres	291,508 acres	271,900 acres	224,672 acres	82,352 acres
Corn for grain	7 farms	4 acres (D)	5 acres	8 acres	3 acres (D)	3 acres	2 acres (D)
Irrigated	745 farms	457 acres	596 acres	513 acres	617 acres	580 acres	234 acres
Irrigated	154,739 bushels	120,976 bushels	141,468 bushels	154,939 bushels	131,673 bushels	113,051 bushels	23,946 bushels
Farms by acres harvested:							
1 to 24 acres	23,681,414 farms	15,687,393 acres	- acres	3 acres	- acres	- acres	- acres
25 to 99 acres	- farms	- acres	- acres	340 acres	- acres	- acres	- acres
100 to 249 acres	35 farms	42 acres	42 acres	38 acres	24 acres	61 acres	59 acres
250 to 499 acres	200 farms	117 acres	163 acres	109 acres	153 acres	193 acres	99 acres
500 acres or more	312 farms	121 acres	188 acres	158 acres	263 acres	174 acres	55 acres
1,000 acres or more	140 farms	101 acres	131 acres	106 acres	141 acres	104 acres	15 acres
	58 farms	76 acres	72 acres	102 acres	36 acres	48 acres	6 acres
	46 farms	62 acres	57 acres	77 acres	27 acres	38 acres	3 acres
	12 farms	14 acres	15 acres	25 acres	9 acres	10 acres	3 acres
Corn for silage or greenchop	83 farms	69 acres	54 acres	35 acres	123 acres	128 acres	35 acres
Irrigated	3,693 tons	2,544 tons	1,132 tons	739 tons	4,535 tons	4,589 tons	972 tons
Irrigated	53,513 farms	39,510 acres	21,346 acres	11,500 acres	83,791 acres	88,345 acres	13,398 acres
Farms by acres harvested:							
1 to 24 acres	- farms	2 acres (D)	- acres	- acres	- acres	- acres	- acres
25 to 99 acres	47 farms	40 acres	40 acres	23 acres	67 acres	77 acres	19 acres
100 to 249 acres	22 farms	25 acres	14 acres	11 acres	47 acres	45 acres	15 acres
250 to 499 acres	12 farms	3 acres	- acres	1 acre	8 acres	4 acres	1 acre
500 acres or more	2 farms	1 acre	- acres	- acres	1 acre	1 acre	- acres
1,000 acres or more	- farms	- acres	- acres	- acres	- acres	1 acre	- acres
Sorghum for grain	- farms	- acres	- acres	- acres	- acres	- acres	- acres
Irrigated	- farms	- acres	- acres	- acres	- acres	- acres	- acres
Farms by acres harvested:							
1 to 24 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
25 to 99 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
100 to 249 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
250 to 499 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
500 acres or more	- farms	- acres	- acres	- acres	- acres	- acres	- acres
1,000 acres or more	- farms	- acres	- acres	- acres	- acres	- acres	- acres
Wheat for grain, All	2 farms	1 acre	3 acres	2 acres	- acres	2 acres	5 acres
Irrigated	(D) farms	(D) acres	(D) acres	(D) acres	- acres	(D) acres	270 acres
Irrigated	(D) farms	(D) acres	(D) acres	(D) acres	- acres	(D) acres	14,804 acres
Farms by acres harvested:							
1 to 24 acres	2 farms	1 acre	2 acres	1 acre	- acres	- acres	- acres
25 to 99 acres	- farms	- acres	1 acre	1 acre	- acres	2 acres	4 acres
100 to 249 acres	- farms	- acres	- acres	- acres	- acres	- acres	1 acre
250 to 499 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
500 acres or more	- farms	- acres	- acres	- acres	- acres	- acres	- acres
1,000 acres or more	- farms	- acres	- acres	- acres	- acres	- acres	- acres
Barley for grain	1 farms	- acres	- acres	- acres	- acres	5 acres	- acres
Irrigated	(D) farms	- acres	- acres	- acres	- acres	101 acres	- acres
Irrigated	(D) farms	- acres	- acres	- acres	- acres	7,360 acres	- acres
Farms by acres harvested:							
1 to 24 acres	1 farms	- acres	- acres	- acres	- acres	4 acres	- acres
25 to 99 acres	- farms	- acres	- acres	- acres	- acres	1 acre	- acres
100 to 249 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
250 to 499 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
500 acres or more	- farms	- acres	- acres	- acres	- acres	- acres	- acres
1,000 acres or more	- farms	- acres	- acres	- acres	- acres	- acres	- acres
Oats for grain	89 farms	52 acres	66 acres	54 acres	49 acres	93 acres	70 acres
Irrigated	1,736 acres	1,355 acres	853 acres	920 acres	1,008 acres	1,563 acres	1,933 acres
Irrigated	150,515 farms	91,288 acres	64,776 acres	70,867 acres	78,367 acres	127,576 acres	128,726 acres
Farms by acres harvested:							
1 to 24 acres	67 farms	30 acres	60 acres	45 acres	37 acres	71 acres	43 acres
25 to 99 acres	22 farms	21 acres	6 acres	9 acres	11 acres	22 acres	26 acres
100 to 249 acres	- farms	1 acre	- acres	- acres	1 acre	- acres	1 acre
250 to 499 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
500 acres or more	- farms	- acres	- acres	- acres	- acres	- acres	- acres
1,000 acres or more	- farms	- acres	- acres	- acres	- acres	- acres	- acres
Sunflower seed, All	- farms	- acres	- acres	- acres	- acres	- acres	- acres
Irrigated	- farms	- acres	- acres	- acres	- acres	- acres	- acres
Farms by acres harvested:							
1 to 24 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
25 to 99 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
100 to 249 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
250 to 499 acres	- farms	- acres	- acres	- acres	- acres	- acres	- acres
500 acres or more	- farms	- acres	- acres	- acres	- acres	- acres	- acres
1,000 acres or more	- farms	- acres	- acres	- acres	- acres	- acres	- acres

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Harvested cropland	570	1,011	897	722	703	707	511
acres	270,329	248,030	313,542	360,907	252,414	128,895	96,216
Irrigated	5	6	5	2	20	10	3
acres	240	484	(D)	(D)	(D)	10	3
Corn for grain	480	827	772	591	484	307	186
bushels	133,323	130,871	169,070	177,115	123,219	39,467	26,741
Irrigated	1	21,476,036	29,053,084	26,830,444	18,245,964	5,043,653	3,464,824
farms	(D)	(D)	-	-	4	-	-
acres	(D)	(D)	-	-	276	-	-
Farms by acres harvested:							
1 to 24 acres	21	147	64	46	56	85	33
25 to 99 acres	94	294	216	127	133	109	78
100 to 249 acres	171	225	262	196	129	77	47
250 to 499 acres	119	119	153	134	96	18	18
500 acres or more	75	42	77	88	70	18	10
500 to 999 acres	66	30	62	61	51	13	8
1,000 acres or more	9	12	15	27	19	5	2
Corn for silage or greenchop	61	283	110	86	33	58	26
acres	2,908	8,431	4,285	2,677	1,263	2,183	1,342
Irrigated	54,925	155,320	92,014	59,170	26,690	41,163	11,583
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	30	172	52	49	21	40	9
25 to 99 acres	24	103	50	34	9	13	15
100 to 249 acres	5	6	6	2	2	2	-
250 to 499 acres	1	1	2	1	1	3	2
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Sorghum for grain	-	1	-	-	-	-	-
acres	-	(D)	-	-	-	-	-
Irrigated	-	(D)	-	-	-	-	-
bushels	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	-	1	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Wheat for grain, All	-	6	6	-	-	14	6
acres	-	93	67	-	-	424	225
Irrigated	-	5,966	4,089	-	-	20,218	11,815
bushels	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	-	4	6	-	-	5	2
25 to 99 acres	-	2	-	-	-	9	4
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Barley for grain	1	11	1	-	1	-	1
acres	(D)	311	(D)	-	(D)	-	(D)
Irrigated	(D)	19,604	(D)	-	(D)	-	(D)
bushels	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	1	8	-	-	-	-	-
25 to 99 acres	-	2	1	-	1	-	1
100 to 249 acres	-	1	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Oats for grain	27	315	102	63	15	80	21
acres	456	7,022	1,567	1,105	224	1,480	393
Irrigated	36,740	512,590	111,321	85,571	15,482	86,231	21,898
bushels	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	23	230	84	52	13	56	16
25 to 99 acres	4	81	18	11	2	24	5
100 to 249 acres	-	3	-	-	-	-	-
250 to 499 acres	-	1	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Sunflower seed, All	-	-	-	-	-	1	-
acres	-	-	-	-	-	(D)	-
Irrigated	-	-	-	-	-	(D)	-
pounds	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	-	-	-	-	-	1	-
25 to 99 acres	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Harvested cropland	farms 991 acres 271,184	farms 511 acres 136,795	farms 387 acres 179,208	farms 1,117 acres 201,526	farms 401 acres 208,352	farms 962 acres 326,110	farms 639 acres 251,429	farms 655 acres 302,363
Irrigated	farms 1 acres (D)	farms 21 acres 3,691	farms 6 acres (D)	farms 6 acres 18	farms 4 acres (D)	farms 6 acres (D)	farms 11 acres 1,223	farms 7 acres 10
Corn for grain	farms 880 acres 154,494 bushels 26,848,909	farms 403 acres 69,285 bushels 10,938,520	farms 326 acres 86,181 bushels 12,036,484	farms 923 acres 102,842 bushels 17,335,039	farms 350 acres 108,824 bushels 16,662,494	farms 827 acres 165,064 bushels 27,870,975	farms 551 acres 127,087 bushels 20,946,610	farms 582 acres 157,137 bushels 26,169,958
Irrigated	farms - acres -	farms 14 acres 2,700	farms 2 acres (D)	farms - acres -	farms 1 acres (D)	farms 2 acres (D)	farms 7 acres 560	farms - acres -
Farms by acres harvested:								
1 to 24 acres	56	58	16	138	11	71	47	25
25 to 99 acres	280	132	68	452	58	274	158	148
100 to 249 acres	353	119	115	229	112	273	171	176
250 to 499 acres	137	71	82	83	106	131	105	132
500 acres or more	54	23	45	21	63	78	70	101
500 to 999 acres	51	18	36	20	55	67	60	86
1,000 acres or more	3	5	9	1	8	11	10	15
Corn for silage or greenchop	farms 273 acres 7,802 tons 153,485	farms 29 acres 518 tons 9,529	farms 37 acres 3,349 tons 54,299	farms 295 acres 8,261 tons 151,242	farms 46 acres 1,264 tons 18,109	farms 199 acres 6,833 tons 138,420	farms 68 acres 2,231 tons 38,502	farms 38 acres 1,632 tons 36,376
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms 1 acres (D)	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	169	21	9	194	28	112	35	23
25 to 99 acres	94	8	19	90	16	67	30	9
100 to 249 acres	9	-	6	8	2	18	3	5
250 to 499 acres	1	-	1	3	-	2	-	1
500 acres or more	-	-	2	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sorghum for grain	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms 1 acres (D) bushels (D)	farms - acres - bushels -	farms - acres - bushels -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	1	-	-	-
25 to 99 acres	-	-	-	-	-	1	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Wheat for grain, All	farms 5 acres 103 bushels 5,646	farms 11 acres 205 bushels 7,848	farms - acres - bushels -	farms 6 acres 287 bushels 16,943	farms - acres - bushels -	farms 2 acres (D) bushels (D)	farms 3 acres 14 bushels (D)	farms 2 acres (D) bushels (D)
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	3	10	-	4	-	1	3	-
25 to 99 acres	2	1	-	1	-	1	-	2
100 to 249 acres	-	-	-	1	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Barley for grain	farms 4 acres 35 bushels 2,415	farms - acres - bushels -	farms - acres - bushels -	farms 16 acres 342 bushels 22,109	farms - acres - bushels -	farms 13 acres 237 bushels 16,540	farms 2 acres (D) bushels (D)	farms 2 acres (D) bushels (D)
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	4	-	-	12	-	7	1	1
25 to 99 acres	-	-	-	4	-	6	1	1
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Oats for grain	farms 195 acres 3,880 bushels 303,106	farms 15 acres 282 bushels 22,029	farms 21 acres 469 bushels 38,337	farms 330 acres 6,593 bushels 499,561	farms 18 acres 276 bushels 21,418	farms 187 acres 3,622 bushels 303,311	farms 51 acres 1,126 bushels 91,012	farms 45 acres 1,199 bushels 87,953
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	144	12	15	247	17	139	33	37
25 to 99 acres	50	3	6	81	1	47	18	5
100 to 249 acres	1	-	-	2	-	1	-	3
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sunflower seed, All	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Harvested cropland	432	577	565	604	602	658	639	616
acres	256,220	304,668	295,797	220,536	313,870	298,798	286,019	337,240
Irrigated	8	7	2	4	7	6	7	62
acres	1,181	(D)	(D)	(D)	184	649	10	25,567
Corn for grain	355	491	511	454	519	596	561	510
acres	121,196	152,611	149,650	106,286	164,589	156,396	154,606	168,935
bushels	10,974,422	24,494,004	26,488,718	15,443,762	28,970,872	25,580,319	26,767,933	24,459,493
Irrigated	7	2	-	2	-	2	-	54
acres	1,030	(D)	-	(D)	-	(D)	-	15,764
Farms by acres harvested:								
1 to 24 acres	23	13	18	67	19	29	40	37
25 to 99 acres	79	93	117	131	116	138	128	113
100 to 249 acres	94	147	190	126	161	203	174	133
250 to 499 acres	70	130	116	62	131	146	130	121
500 acres or more	89	108	70	68	92	80	89	106
500 to 999 acres	67	95	51	50	66	68	77	82
1,000 acres or more	22	13	19	18	26	12	12	24
Corn for silage or greenchop	17	21	32	47	11	44	35	49
acres	852	443	1,351	1,329	754	932	818	1,901
tons	9,233	7,100	43,200	21,476	21,482	17,466	14,061	39,261
Irrigated	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	6	14	22	32	6	29	21	29
25 to 99 acres	9	7	7	13	3	15	14	16
100 to 249 acres	2	-	1	2	-	-	-	3
250 to 499 acres	-	-	2	-	1	-	-	1
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sorghum for grain	-	-	-	-	1	1	-	-
acres	-	-	-	-	(D)	(D)	-	-
bushels	-	-	-	-	(D)	(D)	-	-
Irrigated	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	1	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	1	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Wheat for grain, All	3	4	-	1	-	-	-	7
acres	196	325	-	(D)	-	-	-	329
bushels	11,420	15,000	-	(D)	-	-	-	12,408
Irrigated	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	5
25 to 99 acres	3	3	-	-	-	-	-	-
100 to 249 acres	-	1	-	1	-	-	-	2
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Barley for grain	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
bushels	-	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Oats for grain	4	34	30	38	26	41	26	21
acres	30	632	451	849	483	575	418	328
bushels	1,900	54,925	39,652	52,616	46,908	50,143	30,616	21,089
Irrigated	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	4	25	22	26	18	36	19	19
25 to 99 acres	-	9	8	12	8	5	7	2
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sunflower seed, All	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Harvested cropland	farms 580 acres 165,337	farms 601 acres 212,139	farms 514 acres 246,764	farms 432 acres 224,135	farms 672 acres 217,380	farms 888 acres 170,281	farms 894 acres 320,456	farms 518 acres 135,215
Irrigated	farms 6 acres 11	(D) (D)	4 4	- -	7 (D)	5 5	14 952	3 5
Corn for grain	farms 397 acres 82,023 bushels 12,463,689	farms 522 acres 100,485 bushels 16,176,415	farms 474 acres 127,427 bushels 21,093,167	farms 374 acres 109,191 bushels 17,456,983	farms 524 acres 108,584 bushels 18,150,124	farms 637 acres 81,651 bushels 13,250,407	farms 699 acres 156,944 bushels 27,215,102	farms 323 acres 59,126 bushels 7,668,133
Irrigated	farms - acres -	- -	- -	- -	2 (D)	- -	5 540	- -
Farms by acres harvested:								
1 to 24 acres	57	57	13	19	53	132	50	50
25 to 99 acres	106	197	118	88	177	233	219	106
100 to 249 acres	127	132	165	121	165	187	199	90
250 to 499 acres	67	92	101	82	80	62	153	50
500 acres or more	40	44	77	64	49	23	78	27
500 to 999 acres	33	35	67	50	36	21	68	23
1,000 acres or more	7	9	10	14	13	2	10	4
Corn for silage or greenchop	farms 37 acres 1,257 tons 19,473	farms 103 acres 3,092 tons 56,719	farms 29 acres 1,405 tons 25,848	farms 52 acres 2,585 tons 48,383	farms 65 acres 1,705 tons 26,680	farms 127 acres 3,859 tons 65,469	farms 49 acres 843 tons 14,189	farms 38 acres 1,312 tons 29,724
Irrigated	farms - acres -	- -	- -	- -	- -	- -	- -	- -
Farms by acres harvested:								
1 to 24 acres	23	66	17	27	41	73	38	25
25 to 99 acres	10	30	8	19	22	45	11	11
100 to 249 acres	4	6	3	4	2	9	-	-
250 to 499 acres	-	1	1	1	-	-	-	2
500 acres or more	-	-	-	1	-	-	-	-
500 to 999 acres	-	-	-	1	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sorghum for grain	farms 1 acres (D)	- -	- -	- -	2 (D)	- -	- -	- -
Irrigated	farms (D) acres -	- -	- -	- -	(D) -	- -	- -	- -
Farms by acres harvested:								
1 to 24 acres	1	-	-	-	1	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	1	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Wheat for grain, All	farms 7 acres 114 bushels 5,800	farms 1 acres (D) bushels (D)	- - -	- - -	5 60 2,690	1 (D) (D)	- -	farms 38 acres 2,732 bushels 131,859
Irrigated	farms - acres -	- -	- -	- -	- -	- -	- -	- -
Farms by acres harvested:								
1 to 24 acres	6	-	-	-	4	-	-	16
25 to 99 acres	1	1	-	-	1	1	-	15
100 to 249 acres	-	-	-	-	-	-	-	5
250 to 499 acres	-	-	-	-	-	-	-	2
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Barley for grain	farms - acres - bushels -	farms 5 acres 345 bushels 18,900	- - -	3 127 9,170	2 (D) (D)	- -	- -	farms 2 acres (D) bushels (D)
Irrigated	farms - acres -	- -	- -	- -	- -	- -	- -	- -
Farms by acres harvested:								
1 to 24 acres	-	3	-	1	2	-	-	1
25 to 99 acres	-	1	-	2	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	1
250 to 499 acres	-	1	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Oats for grain	farms 48 acres 622 bushels 39,379	farms 114 acres 2,551 bushels 210,606	farms 20 acres 290 bushels 24,120	farms 27 acres 552 bushels 47,169	farms 103 acres 2,408 bushels 184,119	farms 233 acres 5,199 bushels 344,955	farms 78 acres 1,796 bushels 139,406	farms 75 acres 1,523 bushels 84,813
Irrigated	farms - acres -	- -	- -	- -	- -	- -	- -	- -
Farms by acres harvested:								
1 to 24 acres	45	77	17	21	66	154	50	55
25 to 99 acres	3	36	3	6	37	76	25	20
100 to 249 acres	-	1	-	-	-	3	3	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sunflower seed, All	farms - acres - pounds -	farms 1 acres (D) pounds (D)	- - -	- - -	- - -	- - -	- - -	- - -
Irrigated	farms - acres -	- -	- -	- -	- -	- -	- -	- -
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	1	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Harvested cropland	farms 933 acres 220,101	farms 766 acres 224,933	farms 681 acres 211,257	farms 1,100 acres 543,736	farms 645 acres 170,119	farms 1,092 acres 262,452	farms 431 acres 148,070	farms 480 acres 72,176
Irrigated	farms 12 acres 292	farms 1 acres 631	farms 2 acres 533	farms 4 acres 373	farms 12 acres 699	farms 15 acres 253	farms 34 acres (D)	farms 1 acres (D)
Corn for grain	farms 691 acres 103,550 bushels 17,361,916	farms 631 acres 121,856 bushels 20,750,196	farms 533 acres 101,240 bushels 15,699,259	farms 1,025 acres 287,388 bushels 45,744,226	farms 434 acres 79,091 bushels 10,449,531	farms 749 acres 128,667 bushels 22,105,061	farms 346 acres 76,758 bushels 11,945,599	farms 214 acres 21,227 bushels 2,964,925
Irrigated	farms - acres -	farms - acres -	farms 1 acres (D)	farms 4 acres 203	farms 3 acres 470	farms - acres -	farms 27 acres 3,358	farms - acres -
Farms by acres harvested:								
1 to 24 acres	119	64	67	21	68	96	32	65
25 to 99 acres	261	187	154	224	137	294	87	90
100 to 249 acres	190	207	155	354	126	202	115	37
250 to 499 acres	84	127	115	267	64	93	78	10
500 acres or more	37	46	42	159	39	64	34	12
500 to 999 acres	31	39	36	135	36	58	28	12
1,000 acres or more	6	7	6	24	3	6	6	-
Corn for silage or greenchop	farms 113 acres 2,068 tons 54,377	farms 108 acres 2,909 tons 69,804	farms 54 acres 1,680 tons 35,200	farms 87 acres 2,965 tons 59,387	farms 57 acres 1,678 tons 33,430	farms 93 acres 2,308 tons 43,714	farms 22 acres 606 tons 15,191	farms 33 acres 1,033 tons 13,013
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	93	75	35	54	38	64	16	21
25 to 99 acres	18	29	18	26	14	26	5	10
100 to 249 acres	1	3	-	7	5	3	-	2
250 to 499 acres	1	1	1	-	-	-	1	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sorghum for grain	farms 2 acres (D)	farms - acres -	farms - acres -	farms - acres -	farms 2 acres (D)	farms - acres -	farms - acres -	farms - acres -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	1	-	-	-	-	-	-	-
25 to 99 acres	1	-	-	-	2	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Wheat for grain, All	farms 8 acres 918 bushels 69,308	farms 2 acres (D) bushels (D)	farms 11 acres 555 bushels 28,795	farms 3 acres (D) bushels (D)	farms 57 acres 1,198 bushels 66,018	farms 2 acres (D) bushels (D)	farms 12 acres 356 bushels 15,250	farms - acres - bushels -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	2	-	3	1	36	1	6	-
25 to 99 acres	3	2	6	2	21	1	6	-
100 to 249 acres	2	-	2	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	1	-	-	-	-	-	-	-
500 to 999 acres	1	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Barley for grain	farms 3 acres 27 bushels 1,710	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	3	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Oats for grain	farms 204 acres 4,653 bushels 341,011	farms 97 acres 1,909 bushels 133,228	farms 73 acres 1,420 bushels 103,409	farms 55 acres 1,006 bushels 82,588	farms 41 acres 813 bushels 43,661	farms 117 acres 2,060 bushels 147,120	farms 25 acres 575 bushels 35,554	farms 57 acres 1,488 bushels 82,816
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	146	71	53	45	30	86	20	36
25 to 99 acres	55	26	20	8	11	31	3	19
100 to 249 acres	3	-	-	2	-	-	2	2
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sunflower seed, All	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Harvested cropland	farms	876	750	737	708	636	392	650	505
	acres	294,141	154,993	231,055	168,055	279,661	203,926	249,796	309,621
Irrigated	farms	7	5	5	5	4	8	15	104
	acres	(D)	9	(D)	14	(D)	2,337	(D)	(D)
Corn for grain	farms	766	411	595	443	512	312	562	439
	acres	137,862	61,365	116,121	76,831	138,383	101,144	128,290	157,918
	bushels	20,460,665	9,157,276	18,748,492	11,987,606	24,268,989	11,020,630	21,847,644	21,644,517
Irrigated	farms	4	-	1	-	1	5	1	92
	acres	254	-	(D)	-	(D)	1,395	(D)	32,026
Farms by acres harvested:									
1 to 24 acres		32	69	53	76	47	14	63	17
25 to 99 acres		265	173	177	158	127	43	140	92
100 to 249 acres		287	98	206	121	133	100	172	133
250 to 499 acres		139	41	115	53	120	86	128	97
500 acres or more		43	30	44	35	85	69	59	100
500 to 999 acres		39	26	33	26	72	54	50	71
1,000 acres or more		4	4	11	9	13	15	9	29
Corn for silage or greenchop	farms	215	41	70	29	36	13	125	59
	acres	10,003	1,838	1,794	776	1,603	302	4,749	1,953
	tons	193,894	40,788	35,615	12,302	42,430	2,680	80,326	33,123
Irrigated	farms	1	-	-	-	-	-	-	1
	acres	(D)	-	-	-	-	-	-	(D)
Farms by acres harvested:									
1 to 24 acres		99	26	42	16	22	10	70	27
25 to 99 acres		94	8	25	13	10	3	47	28
100 to 249 acres		19	7	3	-	3	-	7	4
250 to 499 acres		2	-	-	-	1	-	-	-
500 acres or more		1	-	-	-	-	-	1	-
500 to 999 acres		1	-	-	-	-	-	1	-
1,000 acres or more		-	-	-	-	-	-	-	-
Sorghum for grain	farms	-	-	1	-	-	-	-	2
	acres	-	-	(D)	-	-	-	(D)	-
	bushels	-	-	(D)	-	-	-	(D)	-
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		-	-	1	-	-	-	-	-
25 to 99 acres		-	-	-	-	-	-	-	-
100 to 249 acres		-	-	-	-	-	-	-	-
250 to 499 acres		-	-	-	-	-	-	2	-
500 acres or more		-	-	-	-	-	-	-	-
500 to 999 acres		-	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-
Wheat for grain, All	farms	2	1	2	1	-	6	-	3
	acres	(D)	(D)	(D)	(D)	-	266	-	58
	bushels	(D)	(D)	(D)	(D)	-	13,843	-	2,620
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		-	-	2	-	-	2	-	2
25 to 99 acres		2	-	-	-	-	3	-	1
100 to 249 acres		-	-	-	1	-	1	-	-
250 to 499 acres		-	1	-	-	-	-	-	-
500 acres or more		-	-	-	-	-	-	-	-
500 to 999 acres		-	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-
Barley for grain	farms	4	-	4	-	1	-	3	-
	acres	87	-	112	-	(D)	-	45	-
	bushels	5,300	-	5,300	-	(D)	-	2,800	-
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		1	-	1	-	1	-	3	-
25 to 99 acres		3	-	3	-	-	-	-	-
100 to 249 acres		-	-	-	-	-	-	-	-
250 to 499 acres		-	-	-	-	-	-	-	-
500 acres or more		-	-	-	-	-	-	-	-
500 to 999 acres		-	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-
Oats for grain	farms	100	46	67	54	36	14	103	24
	acres	1,710	789	1,200	1,014	737	303	2,020	717
	bushels	148,658	53,815	90,520	67,438	66,932	23,011	173,350	45,922
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		79	38	54	40	27	11	83	9
25 to 99 acres		21	8	13	14	9	3	18	15
100 to 249 acres		-	-	-	-	-	-	2	-
250 to 499 acres		-	-	-	-	-	-	-	-
500 acres or more		-	-	-	-	-	-	-	-
500 to 999 acres		-	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-
Sunflower seed, All	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
	pounds	-	-	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		-	-	-	-	-	-	-	-
25 to 99 acres		-	-	-	-	-	-	-	-
100 to 249 acres		-	-	-	-	-	-	-	-
250 to 499 acres		-	-	-	-	-	-	-	-
500 acres or more		-	-	-	-	-	-	-	-
500 to 999 acres		-	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Harvested cropland	farms 522 acres 95,718	farms 424 acres 179,055	farms 584 acres 176,389	farms 844 acres 321,700	farms 506 acres 231,467	farms 675 acres 228,710	farms 599 acres 292,988	farms 1,116 acres 438,153
Irrigated	farms 3 acres (D)	farms 1 acres (D)	farms 35 acres 4,933	farms 6 acres 277	farms 11 acres 1,396	farms 8 acres 242	farms 19 acres 3,434	farms 15 acres 2,171
Corn for grain	farms 240 acres 28,918 bushels 3,934,668	farms 348 acres 84,934 bushels 11,779,449	farms 456 acres 89,231 bushels 14,629,638	farms 754 acres 153,759 bushels 21,908,442	farms 458 acres 111,750 bushels 16,061,707	farms 530 acres 104,557 bushels 9,953,798	farms 558 acres 151,397 bushels 23,136,174	farms 962 acres 212,944 bushels 32,947,663
Irrigated	farms - acres -	farms - acres -	farms 24 acres 2,853	farms 2 acres (D)	farms 10 acres 941	farms 1 acres (D)	farms 15 acres 3,015	farms 9 acres 1,400
Farms by acres harvested:								
1 to 24 acres	54	25	61	27	21	27	25	61
25 to 99 acres	102	100	134	224	106	185	143	228
100 to 249 acres	55	94	141	274	162	155	164	389
250 to 499 acres	21	87	80	177	118	122	131	208
500 acres or more	8	42	40	52	51	41	95	76
500 to 999 acres	6	31	34	47	41	41	83	60
1,000 acres or more	2	11	6	5	10	-	12	16
Corn for silage or greenchop	farms 35 acres 1,660 tons 27,525	farms 30 acres 1,118 tons 14,055	farms 43 acres 2,102 tons 45,674	farms 90 acres 4,362 tons 82,638	farms 59 acres 4,372 tons 90,095	farms 53 acres 1,950 tons 19,545	farms 49 acres 1,894 tons 30,623	farms 136 acres 6,918 tons 135,549
Irrigated	farms - acres -	farms - acres -	farms 1 acres (D)	farms - acres -	farms 2 acres (D)	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	11	18	18	42	20	18	29	61
25 to 99 acres	18	10	19	37	25	33	14	57
100 to 249 acres	5	1	4	9	11	2	5	13
250 to 499 acres	1	1	2	2	2	1	1	5
500 acres or more	-	-	-	-	1	-	-	-
500 to 999 acres	-	-	-	-	1	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sorghum for grain	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Wheat for grain, All	farms 9 acres 375 bushels 17,871	farms 2 acres (D) bushels (D)	farms 11 acres 135 bushels 7,673	farms - acres - bushels -	farms - acres - bushels -	farms 10 acres 202 bushels 10,750	farms 1 acres (D) bushels (D)	farms 1 acres (D) bushels (D)
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms 1 acres (D)	farms - acres -
Farms by acres harvested:								
1 to 24 acres	2	1	10	-	-	9	-	-
25 to 99 acres	6	1	1	-	-	1	1	1
100 to 249 acres	1	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Barley for grain	farms - acres - bushels -	farms - acres - bushels -	farms 1 acres (D) bushels (D)	farms 2 acres (D) bushels (D)	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	-	-	1	2	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Oats for grain	farms 48 acres 1,285 bushels 78,503	farms 26 acres 512 bushels 28,788	farms 55 acres 1,108 bushels 76,543	farms 54 acres 799 bushels 65,732	farms 42 acres 839 bushels 73,888	farms 29 acres 628 bushels 36,309	farms 30 acres 647 bushels 46,315	farms 110 acres 2,672 bushels 222,008
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms 1 acres (D)	farms - acres -
Farms by acres harvested:								
1 to 24 acres	34	15	43	46	36	20	23	80
25 to 99 acres	11	11	11	8	6	9	6	27
100 to 249 acres	3	-	1	-	-	-	1	3
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sunflower seed, All	farms 1 acres (D) pounds (D)	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	1	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Harvested cropland	farms 634	farms 579	farms 994	farms 639	farms 489	farms 669	farms 626	farms 725
acres	325,178	190,229	442,923	248,601	119,277	303,104	201,417	298,959
Irrigated	farms 2	farms 20	farms 26	farms 4	farms 5	farms 13	farms 12	farms 3
acres	(D)	(D)	(D)	(D)	(D)	703	(D)	3
Corn for grain	farms 599	farms 366	farms 805	farms 509	farms 280	farms 586	farms 519	farms 654
acres	163,952	92,691	218,112	114,815	38,833	145,397	110,564	150,820
bushels	26,974,337	15,404,233	29,352,450	19,498,910	5,016,637	23,217,933	20,298,305	21,596,975
Irrigated	farms -	farms -	farms 17	farms -	farms -	farms 5	farms -	farms -
acres	-	-	2,440	-	-	495	-	-
Farms by acres harvested:								
1 to 24 acres	33	40	53	46	55	32	45	25
25 to 99 acres	123	130	187	143	101	161	176	150
100 to 249 acres	176	75	233	161	81	186	167	254
250 to 499 acres	176	62	198	105	24	141	74	174
500 acres or more	91	59	134	54	19	66	57	51
500 to 999 acres	84	43	115	43	19	53	46	46
1,000 acres or more	7	16	19	11	-	13	11	5
Corn for silage or greenchop	farms 24	farms 14	farms 88	farms 49	farms 31	farms 55	farms 50	farms 55
acres	657	487	3,177	1,307	1,193	2,364	1,986	1,573
tons	12,579	10,675	41,271	22,709	18,634	41,125	56,933	31,331
Irrigated	farms -	farms -	farms -	farms -	farms -	farms -	farms -	farms -
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	12	7	47	28	20	33	26	33
25 to 99 acres	12	6	37	20	9	17	19	20
100 to 249 acres	-	1	3	1	-	3	3	2
250 to 499 acres	-	-	1	-	2	2	2	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sorghum for grain	farms -	farms 1	farms 1	farms -	farms 1	farms -	farms -	farms -
acres	-	(D)	(D)	-	(D)	-	-	-
bushels	-	(D)	(D)	-	(D)	-	-	-
Irrigated	farms -	farms -	farms -	farms -	farms -	farms -	farms -	farms -
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	1	1	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	1	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Wheat for grain, All	farms 1	farms -	farms 6	farms 2	farms 2	farms -	farms 2	farms 1
acres	(D)	-	91	(D)	(D)	-	(D)	(D)
bushels	(D)	-	4,911	(D)	(D)	-	(D)	(D)
Irrigated	farms -	farms -	farms -	farms -	farms -	farms -	farms -	farms -
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	1	-	5	1	-	-	2	-
25 to 99 acres	-	-	1	1	2	-	-	1
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Barley for grain	farms -	farms -	farms -	farms 1	farms -	farms 1	farms 4	farms 1
acres	-	-	-	(D)	-	(D)	30	(D)
bushels	-	-	-	(D)	-	(D)	2,200	(D)
Irrigated	farms -	farms -	farms -	farms -	farms -	farms -	farms -	farms -
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	1	-	-	4	-
25 to 99 acres	-	-	-	-	-	1	-	1
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Oats for grain	farms 31	farms 17	farms 46	farms 81	farms 69	farms 72	farms 53	farms 43
acres	515	377	1,220	2,617	2,128	1,465	661	903
bushels	44,076	25,076	87,940	199,485	126,058	124,329	55,745	67,343
Irrigated	farms -	farms -	farms -	farms -	farms -	farms -	farms -	farms -
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	28	13	30	48	35	57	50	28
25 to 99 acres	2	4	15	30	30	13	3	15
100 to 249 acres	1	-	1	2	4	2	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	1	-	-	-	-
500 to 999 acres	-	-	-	1	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sunflower seed, All	farms -	farms -	farms -	farms -	farms -	farms -	farms -	farms -
acres	-	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-	-
Irrigated	farms -	farms -	farms -	farms -	farms -	farms -	farms -	farms -
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Unit	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Harvested cropland	farms	1,350	771	889	521	466	608	583	910
	acres	447,482	310,483	331,855	159,970	116,889	121,039	117,295	160,435
Irrigated	farms	54	20	4	2	-	2	7	9
	acres	(D)	(D)	16	(D)	-	(D)	9	(D)
Corn for grain	farms	1,158	639	724	362	293	313	264	428
	acres	218,846	163,078	165,657	68,651	46,420	44,222	51,540	66,197
	bushels	34,226,090	28,027,496	29,103,750	8,582,471	6,555,852	5,323,624	6,734,233	9,917,719
Irrigated	farms	42	8	-	-	-	-	-	-
	acres	5,404	231	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		63	52	56	47	41	80	33	102
25 to 99 acres		376	203	202	146	98	110	88	152
100 to 249 acres		449	160	240	83	97	72	64	86
250 to 499 acres		202	138	146	51	42	30	48	59
500 acres or more		68	86	80	35	15	21	31	29
500 to 999 acres		56	65	66	27	11	18	28	23
1,000 acres or more		12	21	14	8	4	3	3	6
Corn for silage or greenchop	farms	271	29	55	27	34	53	19	54
	acres	19,683	808	1,348	1,147	845	1,954	370	1,518
	tons	402,477	12,369	37,836	15,879	12,254	32,271	4,922	26,729
Irrigated	farms	5	-	-	-	-	-	-	-
	acres	76	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		87	19	41	14	24	34	17	42
25 to 99 acres		126	9	12	9	9	16	1	10
100 to 249 acres		42	1	2	4	1	1	1	1
250 to 499 acres		13	-	-	-	-	2	-	1
500 acres or more		3	-	-	-	-	-	-	-
500 to 999 acres		3	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-
Sorghum for grain	farms	1	5	-	-	-	-	-	2
	acres	(D)	68	-	-	-	-	-	(D)
	bushels	(D)	5,684	-	-	-	-	-	(D)
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		-	4	-	-	-	-	-	2
25 to 99 acres		1	1	-	-	-	-	-	-
100 to 249 acres		-	-	-	-	-	-	-	-
250 to 499 acres		-	-	-	-	-	-	-	-
500 acres or more		-	-	-	-	-	-	-	-
500 to 999 acres		-	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-
Wheat for grain, All	farms	5	-	2	9	4	23	7	1
	acres	411	-	(D)	140	319	1,040	206	(D)
	bushels	26,052	-	(D)	6,607	16,215	45,604	8,547	(D)
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		-	-	2	7	-	13	6	-
25 to 99 acres		4	-	-	2	2	6	1	-
100 to 249 acres		1	-	-	-	2	3	-	-
250 to 499 acres		-	-	-	-	-	1	-	1
500 acres or more		-	-	-	-	-	-	-	-
500 to 999 acres		-	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-
Barley for grain	farms	4	1	2	-	-	1	-	-
	acres	32	(D)	(D)	-	-	(D)	-	-
	bushels	(D)	(D)	(D)	-	-	(D)	-	-
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		4	-	2	-	-	-	-	-
25 to 99 acres		-	1	-	-	-	1	-	-
100 to 249 acres		-	-	-	-	-	-	-	-
250 to 499 acres		-	-	-	-	-	-	-	-
500 acres or more		-	-	-	-	-	-	-	-
500 to 999 acres		-	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-
Oats for grain	farms	77	33	94	38	54	61	32	53
	acres	1,685	593	1,508	867	1,556	1,130	551	901
	bushels	135,501	48,039	123,108	53,404	103,619	62,802	31,505	60,207
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		59	26	84	25	35	49	28	41
25 to 99 acres		17	6	9	13	16	12	4	12
100 to 249 acres		1	1	1	-	3	-	-	-
250 to 499 acres		-	-	-	-	-	-	-	-
500 acres or more		-	-	-	-	-	-	-	-
500 to 999 acres		-	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-
Sunflower seed, All	farms	-	1	-	-	-	-	-	-
	acres	-	(D)	-	-	-	-	-	-
	pounds	-	(D)	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		-	1	-	-	-	-	-	-
25 to 99 acres		-	-	-	-	-	-	-	-
100 to 249 acres		-	-	-	-	-	-	-	-
250 to 499 acres		-	-	-	-	-	-	-	-
500 acres or more		-	-	-	-	-	-	-	-
500 to 999 acres		-	-	-	-	-	-	-	-
1,000 acres or more		-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Harvested cropland	farms 815 acres 236,858	farms 521 acres 144,768	farms 759 acres 371,464	farms 435 acres 212,573	farms 1,021 acres 251,757	farms 799 acres 332,515	farms 442 acres 197,858	farms 581 acres 316,591
Irrigated	farms 8 acres (D)	farms 2 acres (D)	farms 7 acres 16	farms 3 acres (D)	farms 5 acres 29	farms 34 acres (D)	farms 9 acres 590	farms - acres -
Corn for grain	farms 667 acres 119,703 bushels 19,184,935	farms 259 acres 50,118 bushels 6,224,691	farms 665 acres 187,455 bushels 32,347,462	farms 377 acres 114,913 bushels 18,422,254	farms 840 acres 118,871 bushels 19,416,730	farms 601 acres 163,517 bushels 24,547,664	farms 372 acres 101,592 bushels 16,759,104	farms 530 acres 161,449 bushels 27,376,194
Irrigated	farms 1 acres (D)	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms 24 acres 5,129	farms 5 acres 369	farms - acres -
Farms by acres harvested:								
1 to 24 acres	74	52	32	20	122	42	20	17
25 to 99 acres	219	85	170	79	314	162	87	102
100 to 249 acres	204	71	200	113	274	187	94	169
250 to 499 acres	124	25	133	91	91	119	109	134
500 acres or more	46	26	130	74	39	91	62	108
500 to 999 acres	39	18	111	60	34	73	60	97
1,000 acres or more	7	8	19	14	5	18	2	11
Corn for silage or greenchop	farms 73 acres 1,132 tons 20,436	farms 42 acres 796 tons 11,047	farms 29 acres 1,527 tons 62,819	farms 19 acres 776 tons 13,173	farms 356 acres 12,158 tons 218,552	farms 66 acres 3,501 tons 82,786	farms 28 acres 642 tons 14,445	farms 11 acres 216 tons 3,167
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	58	31	18	9	196	36	22	8
25 to 99 acres	15	11	6	8	135	22	5	3
100 to 249 acres	-	-	3	2	23	5	1	-
250 to 499 acres	-	-	2	-	1	3	-	-
500 acres or more	-	-	-	-	1	-	-	-
500 to 999 acres	-	-	-	-	1	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sorghum for grain	farms 2 acres (D) bushels (D)	farms - acres - bushels -	farms - acres - bushels -	farms - acres - bushels -	farms 1 acres (D) bushels (D)	farms - acres - bushels -	farms - acres - bushels -	farms 1 acres (D) bushels (D)
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	2	-	-	-	1	-	-	1
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Wheat for grain, All	farms 21 acres 790 bushels 42,406	farms 12 acres 2,079 bushels 119,830	farms - acres - bushels -	farms - acres - bushels -	farms 2 acres (D) bushels (D)	farms 2 acres (D) bushels (D)	farms 2 acres (D) bushels (D)	farms - acres - bushels -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	10	2	-	-	1	1	2	-
25 to 99 acres	11	3	-	-	-	1	-	-
100 to 249 acres	-	5	-	-	1	-	-	-
250 to 499 acres	-	1	-	-	-	-	-	-
500 acres or more	-	1	-	-	-	-	-	-
500 to 999 acres	-	1	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Barley for grain	farms 2 acres (D) bushels (D)	farms 2 acres (D) bushels (D)	farms - acres - bushels -	farms - acres - bushels -	farms 20 acres 722 bushels 39,616	farms - acres - bushels -	farms 2 acres (D) bushels (D)	farms - acres - bushels -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	1	2	-	-	13	-	2	-
25 to 99 acres	1	-	-	-	6	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	1	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Oats for grain	farms 98 acres 1,635 bushels 123,105	farms 57 acres 1,346 bushels 82,115	farms 34 acres 648 bushels 56,555	farms 43 acres 784 bushels 57,207	farms 355 acres 7,439 bushels 598,700	farms 33 acres 658 bushels 51,903	farms 43 acres 797 bushels 71,314	farms 23 acres 246 bushels 22,895
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	81	37	24	36	258	24	35	23
25 to 99 acres	17	20	10	5	94	9	8	-
100 to 249 acres	-	-	-	2	3	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sunflower seed, All	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -	farms 2 acres (D) pounds (D)	farms - acres - pounds -	farms - acres - pounds -	farms - acres - pounds -
Irrigated	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -	farms - acres -
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	1	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	1	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Tobacco	farms 3	-	-	-	-	-	-
	acres 8	-	-	-	-	-	-
	pounds 17,678	-	-	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 0.9 acres	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-
2.0 to 2.9 acres	2	-	-	-	-	-	-
3.0 to 4.9 acres	1	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-
Soybeans for beans	farms 48,752	464	264	260	243	342	746
	acres 10,418,621	102,496	56,925	28,935	30,441	95,327	152,406
	bushels 487,380,897	4,695,369	2,440,301	1,478,436	1,177,984	4,443,662	7,673,891
Irrigated	farms 283	-	-	-	-	-	-
	acres 46,977	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	3,907	46	29	47	33	19	57
25 to 99 acres	15,373	162	82	145	116	81	225
100 to 249 acres	15,183	127	66	39	63	108	250
250 to 499 acres	9,371	80	52	18	22	85	152
500 acres or more	4,918	49	35	11	9	49	62
500 to 999 acres	4,140	37	32	9	7	35	55
1,000 acres or more	778	12	3	2	2	14	7
Dry edible beans, excluding limas	farms 56	-	-	1	-	-	-
	acres 2,270	-	-	(D)	-	-	-
	cwt 71,739	-	-	(D)	-	-	-
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	28	-	-	1	-	-	-
25 to 99 acres	22	-	-	-	-	-	-
100 to 249 acres	5	-	-	-	-	-	-
250 to 499 acres	1	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Potatoes	farms 117	-	1	2	-	-	2
	acres 1,005	-	(D)	(D)	-	-	(D)
	cwt 231,352	-	(D)	(D)	-	-	(D)
Irrigated	farms 13	-	-	-	-	-	1
	acres 91	-	-	-	-	-	(D)
Farms by acres harvested:							
0.1 to 4.9 acres	104	-	1	2	-	-	2
5.0 to 24.9 acres	6	-	-	-	-	-	-
25.0 to 99.9 acres	3	-	-	-	-	-	-
100.0 to 249.9 acres	3	-	-	-	-	-	-
250.0 to 499.9 acres	1	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms 33,406	455	257	527	502	230	443
	acres 1,533,027	31,803	15,835	43,650	40,652	10,321	14,304
	tons, dry 5,177,896	110,972	49,135	163,949	104,619	32,426	54,185
Irrigated	farms 28	-	-	-	-	-	-
	acres 1,424	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	15,567	117	79	101	113	101	256
25 to 99 acres	13,845	239	126	267	258	100	160
100 to 249 acres	3,500	87	49	135	108	27	25
250 to 499 acres	428	11	2	22	20	2	2
500 acres or more	66	1	1	2	3	-	-
500 to 999 acres	54	-	1	2	1	-	-
1,000 acres or more	12	1	-	-	2	-	-
Vegetables harvested for sale (see text)	farms 752	3	4	8	2	2	16
	acres 9,435	3	(D)	42	(D)	(D)	84
Farms by acres harvested:							
0.1 to 4.9 acres	510	3	3	5	2	2	10
5.0 to 24.9 acres	163	1	1	3	-	-	6
25.0 to 99.9 acres	56	-	-	-	-	-	-
100.0 to 249.9 acres	17	-	-	-	-	-	-
250.0 to 499.9 acres	6	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-
Land in orchards	farms 493	5	4	7	5	4	6
	acres 3,141	23	(D)	77	13	42	47
Irrigated	farms 26	1	2	1	-	-	-
	acres (D)	(D)	(D)	(D)	-	-	-
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	352	3	4	2	4	2	4
5.0 to 24.9 acres	117	2	-	4	1	2	1
25.0 to 99.9 acres	21	-	-	1	-	-	1
100.0 to 249.9 acres	2	-	-	-	-	-	-
250.0 to 499.9 acres	1	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Tobacco	farms -	3	-	-	-	-	-
	acres -	8	-	-	-	-	-
	pounds -	17,678	-	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 0.9 acres	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	2	-	-	-	-	-
3.0 to 4.9 acres	-	1	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-
Soybeans for beans	farms 556	485	554	672	599	621	529
	acres 109,283	120,863	90,780	126,117	144,212	125,782	149,098
	bushels 5,406,809	5,574,789	4,758,658	6,179,353	7,067,356	6,172,773	7,284,592
Irrigated	farms -	-	-	-	1	2	-
	acres -	-	-	-	(D)	(D)	-
Farms by acres harvested:							
1 to 24 acres	43	32	46	78	20	44	21
25 to 99 acres	204	138	223	235	133	197	126
100 to 249 acres	167	142	184	191	227	212	154
250 to 499 acres	91	93	61	107	164	110	135
500 acres or more	46	80	40	61	55	58	93
500 to 999 acres	46	72	37	55	48	49	80
1,000 acres or more	5	8	3	6	7	9	13
Dry edible beans, excluding limas	farms -	1	2	-	-	-	-
	acres -	(D)	(D)	-	-	-	-
	cwt -	(D)	(D)	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	-	-	1	-	-	-	-
25 to 99 acres	-	-	1	-	-	-	-
100 to 249 acres	-	1	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Potatoes	farms 3	1	2	4	-	-	-
	acres 4	(D)	(D)	1	-	-	-
	cwt 440	(D)	(D)	400	-	-	-
Irrigated	farms 2	-	-	-	-	-	-
	acres (D)	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres	3	1	1	4	-	-	-
5.0 to 24.9 acres	-	-	1	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms 224	269	308	364	169	316	157
	acres 5,659	7,187	9,953	10,184	3,904	7,812	2,815
	tons, dry 21,398	25,797	37,541	36,378	13,245	25,539	9,711
Irrigated	farms -	-	-	-	-	-	-
	acres -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	153	183	175	225	111	208	118
25 to 99 acres	64	74	116	128	54	102	39
100 to 249 acres	7	11	17	10	4	5	-
250 to 499 acres	-	-	-	1	-	1	-
500 acres or more	-	1	-	-	-	-	-
500 to 999 acres	-	1	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms 21	10	4	11	-	5	4
	acres 206	131	8	(D)	-	7	2
Farms by acres harvested:							
0.1 to 4.9 acres	12	5	3	8	-	5	4
5.0 to 24.9 acres	8	4	1	2	-	-	-
25.0 to 99.9 acres	-	1	-	-	-	-	-
100.0 to 249.9 acres	1	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	1	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-
Land in orchards	farms 12	8	6	1	1	3	1
	acres 15	25	16	(D)	(D)	3	(D)
Irrigated	farms 1	1	-	-	-	-	-
	acres (D)	(D)	-	-	-	-	-
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	12	5	5	1	-	3	1
5.0 to 24.9 acres	-	3	1	-	1	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Tobacco	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 0.9 acres	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-
Soybeans for beans	730	435	549	482	603	546	230
farms	-	-	-	-	-	-	-
acres	141,471	114,470	120,278	130,948	126,624	94,634	24,359
bushels	7,028,447	4,695,331	6,047,648	5,854,746	6,928,567	4,610,567	913,450
Irrigated	-	1	-	-	-	-	-
farms	-	(D)	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	35	26	29	23	27	41	50
25 to 99 acres	218	116	186	113	154	216	103
100 to 249 acres	307	123	164	151	248	164	54
250 to 499 acres	120	105	114	118	138	96	18
500 acres or more	50	65	56	77	36	29	5
500 to 999 acres	44	51	44	68	29	22	3
1,000 acres or more	6	14	12	9	7	7	2
Dry edible beans, excluding limas	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
cwt	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Potatoes	2	1	2	1	-	1	-
farms	(D)	(D)	(D)	(D)	-	(D)	-
acres	(D)	(D)	(D)	(D)	-	(D)	-
cwt	-	-	-	-	-	-	-
Irrigated	-	-	1	-	-	-	-
farms	-	-	(D)	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres	2	1	2	-	-	1	-
5.0 to 24.9 acres	-	-	-	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	1	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	337	359	347	185	331	344	439
farms	-	-	-	-	-	-	-
acres	9,869	18,230	11,373	3,685	9,632	12,248	32,564
tons, dry	38,489	53,622	45,378	11,388	34,876	46,274	88,688
Irrigated	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	199	156	195	137	210	171	114
25 to 99 acres	119	156	133	43	106	149	214
100 to 249 acres	19	45	19	5	13	23	95
250 to 499 acres	-	1	-	-	2	1	15
500 acres or more	-	1	-	-	-	-	1
500 to 999 acres	-	-	-	-	-	-	1
1,000 acres or more	-	1	-	-	-	-	-
Vegetables harvested for sale (see text)	3	5	11	12	2	7	6
farms	-	-	-	-	-	-	-
acres	13	6	42	362	(D)	9	23
Farms by acres harvested:							
0.1 to 4.9 acres	1	5	7	5	2	7	4
5.0 to 24.9 acres	2	-	4	4	-	-	2
25.0 to 99.9 acres	-	-	-	2	-	-	-
100.0 to 249.9 acres	-	-	-	1	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-
Land in orchards	-	2	6	6	2	5	1
farms	-	(D)	23	15	(D)	37	(D)
acres	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	-	1	4	5	-	3	1
5.0 to 24.9 acres	-	1	2	1	2	2	-
25.0 to 99.9 acres	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Tobacco	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 0.9 acres	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-
Soybeans for beans	476	452	690	550	470	305	213
farms	-	-	-	-	-	-	-
acres	127,467	58,962	124,176	163,877	117,746	45,282	33,101
bushels	5,363,547	3,195,307	6,106,326	7,937,372	5,029,656	1,779,175	1,334,791
Irrigated	-	2	-	-	4	-	-
farms	-	(D)	-	-	166	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	18	57	62	25	51	52	30
25 to 99 acres	107	213	236	140	131	139	94
100 to 249 acres	160	119	243	174	134	71	54
250 to 499 acres	126	43	106	126	85	22	22
500 acres or more	65	20	43	85	69	21	13
500 to 999 acres	58	19	35	64	53	14	12
1,000 acres or more	7	1	8	21	16	7	1
Dry edible beans, excluding limas	1	-	3	-	-	1	-
farms	(D)	-	109	-	-	(D)	-
acres	(D)	-	2,515	-	-	(D)	-
cwt	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	-	-	-	-	-	1	-
25 to 99 acres	-	-	3	-	-	-	-
100 to 249 acres	1	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-
Potatoes	4	-	-	-	3	1	-
farms	(D)	-	-	-	1	(D)	-
acres	(D)	-	-	-	128	(D)	-
cwt	-	-	-	-	-	-	-
Irrigated	1	-	-	-	-	-	-
farms	(D)	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres	4	-	-	-	3	1	-
5.0 to 24.9 acres	-	-	-	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	178	765	443	428	300	617	439
farms	7,519	47,335	15,577	17,036	8,461	43,404	36,336
acres	24,103	205,207	61,530	63,829	26,006	118,372	87,167
tons, dry	1	-	-	-	-	-	-
Irrigated	(D)	-	-	-	-	-	-
farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	96	215	247	198	199	181	113
25 to 99 acres	61	404	162	194	83	304	189
100 to 249 acres	16	136	31	36	15	107	113
250 to 499 acres	4	8	3	-	3	22	19
500 acres or more	1	2	-	-	-	3	5
500 to 999 acres	1	2	-	-	-	1	5
1,000 acres or more	-	-	-	-	-	2	-
Vegetables harvested for sale (see text)	3	2	9	1	19	9	4
farms	5	(D)	14	(D)	145	14	53
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres	3	1	9	-	16	9	3
5.0 to 24.9 acres	-	-	-	-	2	-	-
25.0 to 99.9 acres	-	1	-	1	1	-	1
100.0 to 249.9 acres	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-
Land in orchards	3	8	14	2	12	6	10
farms	4	92	76	(D)	34	13	28
acres	-	-	-	-	-	-	-
Irrigated	-	-	-	-	1	1	-
farms	-	-	-	-	(D)	(D)	-
acres	-	-	-	-	-	-	-
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	3	6	10	2	10	4	9
5.0 to 24.9 acres	-	-	4	-	2	2	1
25.0 to 99.9 acres	-	2	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Tobacco	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
	pounds -	-	-	-	-	-	-	-
Irrigated	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 0.9 acres	-	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans	farms 661	373	316	471	345	690	516	558
	acres 81,634	62,127	84,595	36,016	95,132	125,968	114,046	137,877
	bushels 4,216,376	2,871,729	3,690,516	1,855,899	4,264,269	6,135,314	5,382,644	6,346,525
Irrigated	farms 7	2	(D)	-	(D)	-	4	-
	acres 950	-	-	-	-	-	260	-
Farms by acres harvested:								
1 to 24 acres	73	33	9	88	9	47	43	15
25 to 99 acres	306	150	74	266	66	259	148	161
100 to 249 acres	206	103	101	97	114	222	168	175
250 to 499 acres	62	69	89	17	110	103	98	134
500 acres or more	14	18	43	3	46	59	59	73
500 to 999 acres	14	16	34	3	38	54	51	65
1,000 acres or more	-	2	9	-	8	5	8	8
Dry edible beans, excluding limas	farms 2	-	-	-	-	3	-	-
	acres (D)	-	-	-	-	(D)	-	-
	cwt (D)	-	-	-	-	(D)	-	-
Irrigated	farms -	-	-	-	-	-	-	-
	acres -	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	1	-	-	-	-	2	-	-
25 to 99 acres	-	-	-	-	-	1	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	1	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Potatoes	farms -	-	-	3	-	-	-	-
	acres -	-	-	2	-	-	-	-
	cwt -	-	-	(D)	-	-	-	-
Irrigated	farms -	-	-	1	-	-	-	-
	acres -	-	-	(D)	-	-	-	-
Farms by acres harvested:								
0.1 to 4.9 acres	-	-	-	3	-	-	-	-
5.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms 551	174	131	846	121	497	234	183
	acres 26,485	4,787	5,571	52,217	3,254	26,101	7,358	4,883
	tons, dry 117,367	18,177	17,006	237,148	9,404	109,796	28,211	15,596
Irrigated	farms -	-	-	1	-	-	-	-
	acres -	-	-	(D)	(D)	-	-	-
Farms by acres harvested:								
1 to 24 acres	209	108	71	275	81	210	141	123
25 to 99 acres	283	60	49	403	33	207	82	52
100 to 249 acres	54	6	7	152	7	71	10	6
250 to 499 acres	5	-	2	16	-	7	-	2
500 acres or more	-	-	2	-	-	2	1	-
500 to 999 acres	-	-	2	-	-	2	1	-
1,000 acres or more	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms 7	7	1	15	2	12	1	7
	acres 20	44	(D)	84	(D)	58	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	6	5	1	10	2	8	1	5
5.0 to 24.9 acres	1	2	-	5	-	3	-	-
25.0 to 99.9 acres	-	-	-	-	-	1	-	1
100.0 to 249.9 acres	-	-	-	-	-	-	-	1
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Land in orchards	farms -	7	-	18	-	3	3	1
	acres -	28	-	100	-	(D)	2	(D)
Irrigated	farms -	-	-	-	-	-	1	-
	acres -	-	-	-	-	-	(D)	-
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	-	6	-	7	-	1	3	1
5.0 to 24.9 acres	-	1	-	11	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	2	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Tobacco	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 0.9 acres	-	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans	362	478	506	421	510	581	516	478
farms								
acres	127,516	144,763	141,506	97,056	144,979	137,638	124,764	156,052
bushels	4,687,460	6,793,877	7,558,290	4,413,015	6,947,924	6,522,357	5,998,763	6,633,689
Irrigated	1	1	-	1	-	1	-	37
farms								
acres	(D)	(D)	-	(D)	-	(D)	-	9,485
Farms by acres harvested:								
1 to 24 acres	16	20	19	44	18	25	26	17
25 to 99 acres	79	95	129	138	120	153	132	122
100 to 249 acres	105	137	177	119	168	203	170	136
250 to 499 acres	67	130	117	59	125	134	127	108
500 acres or more	95	96	64	61	79	66	61	95
500 to 999 acres	72	86	47	46	63	60	55	78
1,000 acres or more	23	10	17	15	16	6	6	17
Dry edible beans, excluding limas	-	9	1	1	-	-	-	-
farms								
acres	-	291	(D)	(D)	-	-	-	-
cwt	-	7,703	(D)	(D)	-	-	-	-
Irrigated	-	-	-	-	-	-	-	-
farms								
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	4	-	-	-	-	-	-
25 to 99 acres	-	5	1	1	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Potatoes	-	-	2	-	2	-	1	-
farms								
acres	-	-	(D)	-	(D)	-	(D)	-
cwt	-	-	(D)	-	(D)	-	(D)	-
Irrigated	-	-	-	-	-	-	-	-
farms								
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 4.9 acres	-	-	2	-	2	-	1	-
5.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	179	205	141	347	145	151	202	278
farms								
acres	5,383	6,237	3,403	16,485	2,719	3,724	5,598	10,269
tons, dry	12,757	19,887	14,483	46,543	8,527	14,424	20,589	31,278
Irrigated	-	-	-	-	-	-	-	-
farms								
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	103	119	111	141	108	95	135	145
25 to 99 acres	71	78	23	163	34	53	57	111
100 to 249 acres	4	7	5	39	3	3	8	21
250 to 499 acres	1	1	2	4	-	-	2	1
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	6	-	3	1	7	2	9	9
farms								
acres	26	-	5	(D)	26	(D)	(D)	74
Farms by acres harvested:								
0.1 to 4.9 acres	4	-	3	1	5	2	7	4
5.0 to 24.9 acres	2	-	-	-	2	-	-	4
25.0 to 99.9 acres	-	-	-	-	-	-	-	1
100.0 to 249.9 acres	-	-	-	-	-	-	1	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Land in orchards	4	1	2	-	2	1	7	10
farms								
acres	82	(D)	(D)	-	(D)	(D)	21	116
Irrigated	-	-	1	-	-	-	1	3
farms								
acres	-	-	(D)	-	-	-	(D)	(D)
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	-	1	2	-	2	-	6	5
5.0 to 24.9 acres	3	-	-	-	-	1	1	3
25.0 to 99.9 acres	1	-	-	-	-	-	-	2
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Tobacco	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-	-
Irrigated farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 0.9 acres	-	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans	365	451	452	374	497	385	691	327
farms	365	451	452	374	497	385	691	327
acres	71,378	93,866	115,902	104,123	88,953	41,854	144,889	56,239
bushels	3,375,248	4,434,802	5,461,184	5,238,304	4,373,421	2,021,383	7,481,852	2,044,872
Irrigated farms	-	-	-	-	-	-	4	-
acres	-	-	-	-	-	-	345	-
Farms by acres harvested:								
1 to 24 acres	34	40	10	13	52	73	65	39
25 to 99 acres	113	160	119	98	187	183	229	122
100 to 249 acres	128	128	165	119	143	86	184	91
250 to 499 acres	60	79	95	90	82	32	141	53
500 acres or more	30	44	63	54	33	11	72	22
500 to 999 acres	25	36	54	45	29	10	62	17
1,000 acres or more	5	8	9	9	4	1	10	5
Dry edible beans, excluding limas	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
cwt	-	-	-	(D)	(D)	-	(D)	(D)
Irrigated farms	-	-	-	(D)	(D)	-	(D)	(D)
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	1	-	1	1	1
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Potatoes	2	2	-	1	1	2	-	-
farms	(D)	(D)	-	(D)	(D)	(D)	-	-
acres	(D)	(D)	-	(D)	(D)	(D)	-	-
cwt	-	-	-	-	-	-	-	-
Irrigated farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 4.9 acres	2	2	-	1	1	1	-	-
5.0 to 24.9 acres	-	-	-	-	-	1	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	307	289	108	211	401	715	485	328
farms	307	289	108	211	401	715	485	328
acres	11,317	12,916	1,974	8,027	17,386	41,454	18,415	15,386
tons, dry	39,472	47,797	5,354	31,254	63,694	163,646	68,561	39,658
Irrigated farms	-	-	-	-	-	-	2	-
acres	-	-	-	-	-	-	(D)	-
Farms by acres harvested:								
1 to 24 acres	171	132	77	110	163	232	240	138
25 to 99 acres	111	120	30	82	201	361	211	148
100 to 249 acres	22	35	1	18	32	107	29	38
250 to 499 acres	3	2	-	1	5	14	5	4
500 acres or more	-	-	-	-	-	1	-	-
500 to 999 acres	-	-	-	-	-	1	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	7	10	3	1	9	11	12	5
farms	7	10	3	1	9	11	12	5
acres	19	14	9	(D)	133	67	33	16
Farms by acres harvested:								
0.1 to 4.9 acres	5	10	3	-	5	8	10	4
5.0 to 24.9 acres	2	-	-	1	1	1	2	1
25.0 to 99.9 acres	-	-	-	-	3	2	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Land in orchards	7	3	-	1	5	18	5	10
farms	7	3	-	1	5	18	5	10
acres	32	(D)	-	(D)	5	49	33	(D)
Irrigated farms	-	-	-	-	-	-	-	1
acres	-	-	-	-	-	-	-	(D)
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	4	2	-	1	5	14	2	9
5.0 to 24.9 acres	3	1	-	-	-	4	3	-
25.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	1
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-

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Table 23. Selected Crops Harvested: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Tobacco	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:	-	-	-	-	-	-	-	-
0.1 to 0.9 acres	-	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans	597	527	509	1,009	423	694	318	168
acres	89,026	80,087	94,567	245,524	73,104	113,066	64,582	20,355
bushels	4,288,046	3,912,823	4,175,616	11,538,493	3,020,070	5,249,284	3,026,369	778,143
Irrigated	-	-	1	2	1	-	23	-
farms	-	-	(D)	(D)	(D)	-	1,918	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:	-	-	-	-	-	-	-	-
1 to 24 acres	81	50	37	29	58	93	19	33
25 to 99 acres	239	192	177	247	143	279	94	79
100 to 249 acres	177	186	157	376	131	185	119	35
250 to 499 acres	74	79	103	244	57	81	59	30
500 acres or more	26	20	35	113	34	56	27	11
500 to 999 acres	19	18	30	100	30	52	24	10
1,000 acres or more	7	2	5	13	4	4	3	1
Dry edible beans, excluding limas	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
cwt	-	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:	-	-	-	-	-	-	-	-
1 to 24 acres	-	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Potatoes	5	1	1	-	2	8	5	-
farms	3	(D)	(D)	-	(D)	7	614	-
acres	906	(D)	(D)	-	(D)	(D)	140,283	-
cwt	-	-	-	-	-	1	1	-
Irrigated	-	-	-	-	-	(D)	(D)	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:	-	-	-	-	-	-	-	-
0.1 to 4.9 acres	5	1	1	-	2	8	-	-
5.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	2	-
100.0 to 249.9 acres	-	-	-	-	-	-	2	-
250.0 to 499.9 acres	-	-	-	-	-	-	1	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	556	455	334	205	396	585	162	422
acres	21,812	20,188	14,192	5,218	16,199	17,162	4,722	29,035
tons, dry	86,374	83,271	50,734	15,727	48,382	58,405	16,876	75,606
Irrigated	-	-	-	1	-	1	1	-
farms	-	-	-	(D)	-	(D)	(D)	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:	-	-	-	-	-	-	-	-
1 to 24 acres	253	205	147	148	191	366	89	132
25 to 99 acres	262	199	148	52	163	197	69	210
100 to 249 acres	38	44	35	2	41	19	4	59
250 to 499 acres	2	6	4	3	1	2	-	19
500 acres or more	1	1	-	-	-	1	-	2
500 to 999 acres	1	1	-	-	-	1	-	1
1,000 acres or more	-	-	-	-	-	-	-	1
Vegetables harvested for sale (see text)	24	3	5	19	8	29	9	12
farms	94	8	13	2,099	44	387	711	251
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:	-	-	-	-	-	-	-	-
0.1 to 4.9 acres	16	2	5	1	5	15	1	7
5.0 to 24.9 acres	8	1	-	-	3	8	4	3
25.0 to 99.9 acres	-	-	-	8	-	6	2	1
100.0 to 249.9 acres	-	-	-	8	-	-	1	1
250.0 to 499.9 acres	-	-	-	2	-	-	1	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Land in orchards	22	3	4	3	13	20	4	5
acres	139	3	12	(D)	47	82	39	12
Irrigated	1	-	-	-	-	-	1	-
farms	(D)	-	-	-	-	-	(D)	-
acres	-	-	-	-	-	-	-	-
Farms by bearing and nonbearing acres:	-	-	-	-	-	-	-	-
0.1 to 4.9 acres	16	3	3	2	9	14	-	4
5.0 to 24.9 acres	5	-	1	1	4	6	4	1
25.0 to 99.9 acres	1	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Tobacco	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
	pounds	-	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 0.9 acres	-	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans	farms	754	387	584	439	487	311	505
	acres	134,125	62,981	100,829	71,426	132,204	96,158	106,807
	bushels	6,420,553	2,895,644	4,695,297	3,252,756	6,872,601	3,646,368	5,249,965
Irrigated	farms	1	-	-	-	-	5	-
	acres	(D)	-	-	-	-	940	74
Farms by acres harvested:								
1 to 24 acres	40	56	54	80	36	15	39	22
25 to 99 acres	252	161	208	154	122	56	128	91
100 to 249 acres	294	96	187	117	131	92	179	124
250 to 499 acres	132	42	100	60	109	88	119	95
500 acres or more	36	32	35	28	89	60	40	86
500 to 999 acres	34	28	30	23	76	46	34	62
1,000 acres or more	2	4	5	5	13	14	6	24
Dry edible beans, excluding limas	farms	3	2	-	-	-	-	4
	acres	21	(D)	-	-	-	-	61
	cwt	651	(D)	-	-	-	1,220	-
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	3	2	-	-	-	-	4	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Potatoes	farms	2	1	2	-	-	8	2
	acres	(D)	(D)	(D)	-	-	1	(D)
	cwt	(D)	(D)	(D)	-	-	285	(D)
Irrigated	farms	-	-	-	-	-	-	2
	acres	-	-	-	-	-	-	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	-	1	2	-	-	-	8	2
5.0 to 24.9 acres	2	-	-	-	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms	384	567	352	473	249	173	235
	acres	11,896	28,903	12,471	20,068	7,605	5,960	7,557
	tons, dry	42,516	85,165	42,715	67,780	27,326	13,528	26,717
Irrigated	farms	1	-	-	-	-	-	-
	acres	(D)	-	-	-	-	-	3
Farms by acres harvested:								
1 to 24 acres	241	218	178	241	138	98	141	68
25 to 99 acres	117	262	155	173	99	61	78	93
100 to 249 acres	26	79	19	52	12	13	15	26
250 to 499 acres	-	8	-	7	-	1	1	4
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms	3	8	4	7	12	6	19
	acres	71	43	42	60	87	15	207
Farms by acres harvested:								
0.1 to 4.9 acres	1	4	3	4	7	4	15	3
5.0 to 24.9 acres	-	4	-	2	5	2	2	-
25.0 to 99.9 acres	2	-	1	1	-	-	2	2
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Land in orchards	farms	1	8	3	5	5	3	3
	acres	(D)	198	(D)	(D)	18	6	9
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	1	4	2	4	4	5	3	-
5.0 to 24.9 acres	-	1	-	-	1	-	-	3
25.0 to 99.9 acres	-	3	1	1	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Tobacco	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 0.9 acres	-	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans	235	335	422	745	460	526	523	938
farms	32,042	82,598	76,014	156,366	110,098	105,446	136,241	201,847
acres	1,272,074	3,688,515	3,721,229	7,534,463	5,435,712	3,837,820	5,771,708	9,674,725
bushels	-	-	26	-	5	-	6	7
Irrigated	-	-	1,913	-	436	-	284	539
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	43	15	41	27	13	37	21	56
25 to 99 acres	105	95	155	205	126	173	126	226
100 to 249 acres	52	98	122	285	159	156	166	383
250 to 499 acres	27	84	71	172	111	117	136	198
500 acres or more	8	43	33	56	51	43	74	75
500 to 999 acres	4	35	29	51	41	42	64	61
1,000 acres or more	4	8	4	5	10	1	10	14
Dry edible beans, excluding limas	-	-	-	-	-	2	2	-
farms	-	-	-	-	-	(D)	(D)	-
acres	-	-	-	-	-	(D)	(D)	-
cwt	-	-	-	-	-	(D)	(D)	-
Irrigated	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	-	1	-	-
25 to 99 acres	-	-	-	-	-	-	2	-
100 to 249 acres	-	-	-	-	2	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Potatoes	-	-	6	-	-	1	-	1
farms	-	-	23	-	-	(D)	-	(D)
acres	-	-	(D)	-	-	(D)	-	(D)
cwt	-	-	-	-	-	-	-	-
Irrigated	-	-	2	-	-	-	-	-
farms	-	-	(D)	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 4.9 acres	-	-	4	-	-	1	-	1
5.0 to 24.9 acres	-	-	2	-	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	457	238	275	246	135	407	135	462
farms	35,198	10,594	8,511	7,323	5,334	17,953	3,487	16,154
acres	101,374	33,449	36,174	22,972	16,339	46,822	11,869	57,609
tons, dry	-	-	-	-	-	-	1	-
Irrigated	-	-	-	-	-	-	(D)	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	143	84	170	160	86	160	95	239
25 to 99 acres	196	128	89	72	34	206	34	191
100 to 249 acres	93	26	14	13	12	36	6	31
250 to 499 acres	21	-	2	1	2	5	-	1
500 acres or more	4	-	-	-	1	-	-	-
500 to 999 acres	4	-	-	-	1	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	2	-	16	4	-	5	8	4
farms	(D)	-	365	5	-	3	273	9
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 4.9 acres	2	-	4	4	-	5	3	4
5.0 to 24.9 acres	-	-	7	-	-	-	2	-
25.0 to 99.9 acres	-	-	5	-	-	-	1	-
100.0 to 249.9 acres	-	-	-	-	-	-	2	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Land in orchards	1	1	6	-	-	1	1	3
farms	(D)	(D)	49	-	-	(D)	(D)	(D)
acres	-	-	1	-	-	-	1	-
Irrigated	(D)	-	(D)	-	-	-	(D)	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	1	-	5	-	-	-	1	2
5.0 to 24.9 acres	-	1	-	-	-	1	-	1
25.0 to 99.9 acres	-	-	1	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-

--continued

# Table 23. Selected Crops Harvested: 2002 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Tobacco . . . . . farms	-	-	-	-	-	-	-	-
acres . . . . .	-	-	-	-	-	-	-	-
pounds . . . . .	-	-	-	-	-	-	-	-
Irrigated . . . . . farms	-	-	-	-	-	-	-	-
acres . . . . .	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 0.9 acres . . . . .	-	-	-	-	-	-	-	-
1.0 to 1.9 acres . . . . .	-	-	-	-	-	-	-	-
2.0 to 2.9 acres . . . . .	-	-	-	-	-	-	-	-
3.0 to 4.9 acres . . . . .	-	-	-	-	-	-	-	-
5.0 to 9.9 acres . . . . .	-	-	-	-	-	-	-	-
10.0 to 24.9 acres . . . . .	-	-	-	-	-	-	-	-
25.0 to 49.9 acres . . . . .	-	-	-	-	-	-	-	-
50.0 acres or more . . . . .	-	-	-	-	-	-	-	-
50.0 to 74.9 acres . . . . .	-	-	-	-	-	-	-	-
75.0 to 99.9 acres . . . . .	-	-	-	-	-	-	-	-
100.0 acres or more . . . . .	-	-	-	-	-	-	-	-
Soybeans for beans . . . . . farms	574	353	770	502	274	579	469	634
acres . . . . .	157,490	86,310	205,719	110,611	40,722	146,178	80,723	135,215
bushels . . . . .	7,450,254	3,963,051	9,217,512	5,441,503	1,632,719	7,327,665	4,238,994	6,310,071
Irrigated . . . . . farms	-	-	-	-	-	-	-	-
acres . . . . .	-	-	604	8	-	195	-	-
Farms by acres harvested:								
1 to 24 acres . . . . .	20	43	39	38	48	13	44	24
25 to 99 acres . . . . .	123	116	189	152	109	163	182	171
100 to 249 acres . . . . .	177	75	228	149	66	192	137	243
250 to 499 acres . . . . .	173	69	194	114	28	144	76	154
500 acres or more . . . . .	81	50	120	49	23	67	30	42
500 to 999 acres . . . . .	71	33	102	41	23	52	25	39
1,000 acres or more . . . . .	10	17	18	8	-	15	5	3
Dry edible beans, excluding limas . . . . . farms	-	-	-	-	-	-	-	3
acres . . . . .	-	-	-	-	-	-	-	58
cwt . . . . .	-	-	-	-	-	-	-	2,870
Irrigated . . . . . farms	-	-	-	-	-	-	-	-
acres . . . . .	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres . . . . .	-	-	-	-	-	-	-	1
25 to 99 acres . . . . .	-	-	-	-	-	-	-	2
100 to 249 acres . . . . .	-	-	-	-	-	-	-	-
250 to 499 acres . . . . .	-	-	-	-	-	-	-	-
500 acres or more . . . . .	-	-	-	-	-	-	-	-
500 to 999 acres . . . . .	-	-	-	-	-	-	-	-
1,000 acres or more . . . . .	-	-	-	-	-	-	-	-
Potatoes . . . . . farms	-	1	1	-	-	-	1	1
acres . . . . .	-	(D)	(D)	-	-	-	(D)	(D)
cwt . . . . .	-	(D)	(D)	-	-	-	(D)	(D)
Irrigated . . . . . farms	-	-	-	-	-	-	-	-
acres . . . . .	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 4.9 acres . . . . .	-	1	1	-	-	-	1	1
5.0 to 24.9 acres . . . . .	-	-	-	-	-	-	-	-
25.0 to 99.9 acres . . . . .	-	-	-	-	-	-	-	-
100.0 to 249.9 acres . . . . .	-	-	-	-	-	-	-	-
250.0 to 499.9 acres . . . . .	-	-	-	-	-	-	-	-
500.0 acres or more . . . . .	-	-	-	-	-	-	-	-
500.0 to 999.9 acres . . . . .	-	-	-	-	-	-	-	-
1,000.0 acres or more . . . . .	-	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) . . . . . farms	124	236	481	420	410	232	220	327
acres . . . . .	2,768	9,034	16,632	22,970	40,481	7,034	6,604	10,979
tons, dry . . . . .	9,984	25,765	55,693	86,037	103,690	27,880	26,580	33,570
Irrigated . . . . . farms	-	-	3	-	-	-	-	-
acres . . . . .	-	-	3	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres . . . . .	84	165	258	141	96	141	143	183
25 to 99 acres . . . . .	37	57	188	225	183	76	63	133
100 to 249 acres . . . . .	3	11	35	46	96	15	11	9
250 to 499 acres . . . . .	-	-	-	6	24	-	3	1
500 acres or more . . . . .	-	3	-	2	11	-	-	1
500 to 999 acres . . . . .	-	2	-	1	10	-	-	1
1,000 acres or more . . . . .	-	1	-	1	1	-	-	-
Vegetables harvested for sale (see text) . . . . . farms	-	17	11	7	6	2	13	3
acres . . . . .	-	159	89	9	21	(D)	73	16
Farms by acres harvested:								
0.1 to 4.9 acres . . . . .	-	8	5	7	6	1	12	2
5.0 to 24.9 acres . . . . .	-	8	5	-	-	-	-	1
25.0 to 99.9 acres . . . . .	-	1	1	-	-	1	1	-
100.0 to 249.9 acres . . . . .	-	-	-	-	-	-	-	-
250.0 to 499.9 acres . . . . .	-	-	-	-	-	-	-	-
500.0 acres or more . . . . .	-	-	-	-	-	-	-	-
500.0 to 749.9 acres . . . . .	-	-	-	-	-	-	-	-
750.0 to 999.9 acres . . . . .	-	-	-	-	-	-	-	-
1,000.0 acres or more . . . . .	-	-	-	-	-	-	-	-
Land in orchards . . . . . farms	-	15	12	4	2	3	8	3
acres . . . . .	-	62	64	(D)	(D)	6	16	(D)
Irrigated . . . . . farms	-	-	1	-	1	-	-	-
acres . . . . .	-	-	(D)	-	(D)	-	-	-
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres . . . . .	-	9	8	3	2	3	8	2
5.0 to 24.9 acres . . . . .	-	6	4	1	-	-	-	-
25.0 to 99.9 acres . . . . .	-	-	-	-	-	-	-	1
100.0 to 249.9 acres . . . . .	-	-	-	-	-	-	-	-
250.0 to 499.9 acres . . . . .	-	-	-	-	-	-	-	-
500.0 acres or more . . . . .	-	-	-	-	-	-	-	-
500.0 to 749.9 acres . . . . .	-	-	-	-	-	-	-	-
750.0 to 999.9 acres . . . . .	-	-	-	-	-	-	-	-
1,000.0 acres or more . . . . .	-	-	-	-	-	-	-	-

--continued

**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Tobacco	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
	pounds	-	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 0.9 acres	-	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans	farms	1,101	607	679	329	275	321	258
	acres	193,229	140,082	147,925	69,912	43,067	45,817	47,461
	bushels	9,660,763	6,465,973	7,548,227	2,874,987	1,873,877	1,572,488	1,800,254
Irrigated	farms	26	3	-	-	-	-	-
	acres	2,355	66	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	63	55	59	43	41	76	39	76
25 to 99 acres	390	198	190	124	84	116	85	172
100 to 249 acres	410	150	222	81	90	76	66	87
250 to 499 acres	184	130	144	43	43	33	43	51
500 acres or more	54	74	64	38	17	20	25	31
500 to 999 acres	45	61	53	28	15	16	23	23
1,000 acres or more	9	13	11	10	2	4	2	8
Dry edible beans, excluding limas	farms	1	-	1	-	-	1	-
	acres	(D)	-	(D)	-	-	(D)	-
	cwt	(D)	-	(D)	-	-	(D)	-
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	1	-	-	-	-	-	-	-
25 to 99 acres	-	-	1	-	-	1	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Potatoes	farms	-	1	3	4	1	-	6
	acres	-	(D)	1	2	(D)	-	4
	cwt	-	(D)	700	1,500	(D)	-	853
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 4.9 acres	1	3	4	1	-	-	-	6
5.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	farms	414	242	457	371	346	478	403
	acres	15,876	6,447	17,661	22,131	27,612	28,429	18,251
	tons, dry	66,585	23,004	69,595	65,745	76,811	72,493	47,007
Irrigated	farms	9	2	-	-	-	-	-
	acres	598	(D)	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	231	179	207	115	81	183	167	317
25 to 99 acres	150	54	216	191	181	205	196	250
100 to 249 acres	26	7	31	59	72	75	38	70
250 to 499 acres	6	1	3	5	9	14	1	8
500 acres or more	1	1	-	1	3	1	1	-
500 to 999 acres	1	1	-	1	1	1	1	-
1,000 acres or more	-	-	-	-	2	-	-	-
Vegetables harvested for sale (see text)	farms	11	18	9	5	-	12	7
	acres	63	83	22	13	-	13	10
Farms by acres harvested:								
0.1 to 4.9 acres	6	13	7	5	-	12	7	15
5.0 to 24.9 acres	5	5	2	-	-	-	-	6
25.0 to 99.9 acres	-	-	-	-	-	-	-	1
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Land in orchards	farms	1	9	6	1	-	6	8
	acres	(D)	61	88	(D)	-	14	14
Irrigated	farms	-	1	-	-	-	-	-
	acres	-	(D)	-	-	-	-	(D)
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	1	5	4	-	-	5	8	14
5.0 to 24.9 acres	-	4	-	1	-	1	-	1
25.0 to 99.9 acres	-	-	2	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	1
250.0 to 499.9 acres	-	-	-	-	-	-	-	1
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-

--continued

**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Tobacco	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
pounds	-	-	-	-	-	-	-	-
Irrigated	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 0.9 acres	-	-	-	-	-	-	-	-
1.0 to 1.9 acres	-	-	-	-	-	-	-	-
2.0 to 2.9 acres	-	-	-	-	-	-	-	-
3.0 to 4.9 acres	-	-	-	-	-	-	-	-
5.0 to 9.9 acres	-	-	-	-	-	-	-	-
10.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 49.9 acres	-	-	-	-	-	-	-	-
50.0 acres or more	-	-	-	-	-	-	-	-
50.0 to 74.9 acres	-	-	-	-	-	-	-	-
75.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans	597	268	641	348	597	582	352	521
farms	-	-	-	-	-	-	-	-
acres	101,560	56,009	178,461	93,780	69,199	150,350	91,409	152,937
bushels	4,854,723	2,111,407	8,534,296	4,296,705	3,552,400	6,781,590	4,446,992	7,056,329
Irrigated	1	-	1	-	-	19	2	-
farms	-	-	-	-	-	-	-	-
acres	(D)	-	(D)	-	-	3,237	(D)	-
Farms by acres harvested:								
1 to 24 acres	71	39	30	15	92	37	18	20
25 to 99 acres	190	94	161	75	284	161	73	96
100 to 249 acres	188	79	200	113	142	178	108	178
250 to 499 acres	121	28	135	92	64	125	99	126
500 acres or more	27	28	115	53	15	81	54	101
500 to 999 acres	26	18	95	47	14	65	52	92
1,000 acres or more	1	10	20	6	1	16	2	9
Dry edible beans, excluding limas	4	-	1	-	1	1	-	-
farms	-	-	-	-	-	-	-	-
acres	28	-	(D)	-	(D)	(D)	-	-
cwt	774	-	(D)	-	(D)	(D)	-	-
Irrigated	-	-	-	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	4	-	1	-	1	-	-	-
25 to 99 acres	-	-	-	-	-	1	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Potatoes	-	-	2	-	3	-	2	-
farms	-	-	(D)	-	6	-	(D)	-
acres	-	-	(D)	-	1,050	-	(D)	-
cwt	-	-	-	-	-	-	1	-
Irrigated	-	-	-	-	-	-	(D)	-
farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 4.9 acres	-	-	2	-	3	-	1	-
5.0 to 24.9 acres	-	-	-	-	-	-	-	-
25.0 to 99.9 acres	-	-	-	-	-	-	1	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Forage - land used for all hay and haylage, grass silage, and greenchop (see text)	387	435	155	99	810	389	161	108
farms	-	-	-	-	-	-	-	-
acres	13,600	38,734	3,704	2,386	47,840	14,640	3,762	1,969
tons, dry	51,390	98,561	12,454	7,466	200,868	47,933	11,531	5,802
Irrigated	-	1	-	-	-	-	-	-
farms	-	(D)	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	181	86	108	73	248	193	108	79
25 to 99 acres	181	195	40	21	409	159	52	28
100 to 249 acres	23	130	6	4	138	35	1	1
250 to 499 acres	2	20	1	1	15	2	-	-
500 acres or more	-	4	-	-	-	-	-	-
500 to 999 acres	-	4	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	19	1	12	5	15	8	6	1
farms	-	-	-	-	-	-	-	-
acres	22	(D)	102	240	40	682	97	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	18	1	9	-	12	4	2	-
5.0 to 24.9 acres	1	-	2	2	3	2	3	1
25.0 to 99.9 acres	-	-	1	2	-	-	-	-
100.0 to 249.9 acres	-	-	-	1	-	-	1	-
250.0 to 499.9 acres	-	-	-	-	-	2	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-
Land in orchards	8	1	2	6	8	5	-	-
farms	-	-	-	-	-	-	-	-
acres	125	(D)	(D)	6	25	9	-	-
Irrigated	1	-	1	-	-	-	-	-
farms	-	-	-	-	-	-	-	-
acres	(D)	-	(D)	-	-	-	-	-
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	3	1	1	6	6	5	-	-
5.0 to 24.9 acres	4	-	-	-	2	-	-	-
25.0 to 99.9 acres	1	-	1	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 to 499.9 acres	-	-	-	-	-	-	-	-
500.0 acres or more	-	-	-	-	-	-	-	-
500.0 to 749.9 acres	-	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	-	-	-	-
1,000.0 acres or more	-	-	-	-	-	-	-	-



**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>CORN FOR GRAIN (BUSHELBS) - Con.</b>										
<b>Counties - Con.</b>										
Union	293	46,420	6,555,852	-	-	358	42,214	4,769,330	4	(D)
Van Buren	313	44,222	5,323,624	-	-	406	44,923	5,615,262	-	-
Wapello	264	51,540	6,734,233	-	-	338	49,875	6,540,580	-	-
Warren	428	66,197	9,917,719	-	-	564	72,773	9,499,440	1	(D)
Washington	667	119,703	19,184,935	1	(D)	736	115,721	15,916,853	2	(D)
Wayne	259	50,118	6,224,691	-	-	346	43,520	4,549,551	1	(D)
Webster	665	187,455	32,347,462	-	-	790	191,248	27,013,625	2	(D)
Winneshiek	377	114,913	18,422,254	-	-	454	123,191	17,658,385	-	-
Winneshiek	840	118,871	19,416,730	-	-	984	119,136	16,210,314	3	(D)
Woodbury	601	163,517	24,547,664	24	5,129	839	194,188	22,263,495	25	4,261
Worth	372	101,592	16,759,104	5	369	443	106,557	14,794,429	2	(D)
Wright	530	161,449	27,376,194	-	-	625	169,825	23,329,744	-	-
<b>SORGHUM FOR GRAIN (BUSHELBS)</b>										
<b>State Total</b>										
Iowa	38	2,355	142,814	-	-	54	1,299	89,844	-	-
<b>Counties</b>										
Appanoose	3	121	5,130	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone	4	144	14,549	-	-	6	107	9,241	-	-
Buena Vista	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Emmet	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hamilton	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hancock	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Henry	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	2	(D)	(D)	-	-	9	149	5,170	-	-
Lee	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mahaska	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Polk	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pottawattamie	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Story	5	68	5,684	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wright	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>WHEAT FOR GRAIN, ALL (BUSHELBS)</b>										
<b>State Total</b>										
Iowa	412	18,317	961,995	1	(D)	734	22,758	932,358	-	-
<b>Counties</b>										
Adair	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Adams	3	161	6,800	-	-	5	105	3,457	-	-
Allamakee	1	(D)	(D)	-	-	6	56	2,388	-	-
Appanoose	3	320	15,940	-	-	7	174	7,270	-	-
Audubon	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton	2	(D)	(D)	-	-	5	247	9,548	-	-
Black Hawk	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	2	(D)	(D)	-	-	9	165	9,303	-	-
Buena Vista	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Butler	2	(D)	(D)	-	-	4	272	6,825	-	-
Carroll	2	(D)	(D)	-	-	3	114	5,160	-	-
Cass	1	(D)	(D)	-	-	3	(D)	(D)	-	-
Cedar	3	(D)	(D)	-	-	13	327	15,297	-	-
Cerro Gordo	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw	2	(D)	(D)	-	-	3	57	1,725	-	-
Clarke	5	270	14,804	-	-	5	121	3,263	-	-
Clayton	6	93	5,966	-	-	7	272	12,890	-	-
Clinton	6	67	4,089	-	-	8	90	4,373	-	-
Davis	14	424	20,218	-	-	17	324	13,352	-	-
Decatur	6	225	11,815	-	-	6	218	7,134	-	-
Delaware	5	103	5,646	-	-	5	106	5,660	-	-
Des Moines	11	205	7,848	-	-	33	625	34,516	-	-
Dubuque	6	287	16,943	-	-	8	89	2,590	-	-
Fayette	2	(D)	(D)	-	-	4	89	2,990	-	-
Floyd	2	14	(D)	-	-	4	110	7,200	-	-
Franklin	3	(D)	(D)	-	-	3	(D)	(D)	-	-
Fremont	3	196	11,420	-	-	14	372	12,973	-	-
Greene	4	325	15,000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie	1	(D)	(D)	-	-	3	120	1,420	-	-
Harrison	7	329	12,408	-	-	12	474	16,546	-	-
Henry	7	114	5,800	-	-	14	599	31,766	-	-
Howard	1	(D)	(D)	-	-	5	206	10,735	-	-
Iowa	5	60	2,690	-	-	7	427	22,465	-	-
Jackson	1	(D)	(D)	-	-	12	384	13,900	-	-
Jefferson	38	2,732	131,859	-	-	33	883	39,860	-	-

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Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>WHEAT FOR GRAIN, ALL (BUSHEL)S - Con.</b>										
<b>Counties - Con.</b>										
Johnson	8	918	69,308	-	-	26	1,143	58,624	-	-
Jones	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Keokuk	11	555	28,795	-	-	12	273	13,949	-	-
Kossuth	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lee	57	1,198	66,018	-	-	89	2,127	106,277	-	-
Linn	2	(D)	(D)	-	-	10	412	17,663	-	-
Louisa	12	356	15,250	-	-	20	298	12,915	-	-
Lyon	2	(D)	(D)	-	-	11	343	11,320	-	-
Madison	1	(D)	(D)	-	-	6	204	5,498	-	-
Mahaska	2	(D)	(D)	-	-	5	134	5,810	-	-
Marion	1	(D)	(D)	-	-	8	246	9,730	-	-
Mills	6	266	13,843	-	-	14	588	19,193	-	-
Monona	3	58	2,620	-	-	7	457	12,282	-	-
Monroe	9	375	17,871	-	-	8	280	6,022	-	-
Montgomery	2	(D)	(D)	-	-	3	(D)	(D)	-	-
Muscatine	11	135	7,673	-	-	17	396	16,959	-	-
Page	10	202	10,750	-	-	15	460	15,902	-	-
Palo Alto	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pocahontas	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pottawattamie	6	91	4,911	-	-	13	414	18,537	-	-
Poweshiek	2	(D)	(D)	-	-	4	70	2,460	-	-
Ringgold	2	(D)	(D)	-	-	8	273	6,082	-	-
Scott	2	(D)	(D)	-	-	9	169	7,689	-	-
Shelby	1	(D)	(D)	-	-	4	112	4,780	-	-
Sioux	5	411	26,052	-	-	13	374	17,243	-	-
Tama	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor	9	140	6,607	-	-	17	616	19,209	-	-
Union	4	319	16,215	-	-	4	166	5,680	-	-
Van Buren	23	1,040	45,604	-	-	13	232	8,088	-	-
Wapello	7	206	8,547	-	-	11	199	8,940	-	-
Warren	1	(D)	(D)	-	-	5	92	2,334	-	-
Washington	21	790	42,406	-	-	31	921	41,709	-	-
Wayne	12	2,079	119,830	-	-	15	1,141	37,588	-	-
Winneshiak	2	(D)	(D)	-	-	5	541	(D)	-	-
Woodbury	2	(D)	(D)	-	-	6	342	11,210	-	-
Worth	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>WINTER WHEAT FOR GRAIN (BUSHEL)S</b>										
<b>State Total</b>										
Iowa	405	18,038	952,550	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Adair	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Adams	3	161	6,800	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Allamakee	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Appanoose	3	320	15,940	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Audubon	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Black Hawk	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Butler	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cass	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cedar	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clarke	5	270	14,804	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	6	93	5,966	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton	6	67	4,089	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis	14	424	20,218	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur	6	225	11,815	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Delaware	5	103	5,646	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Des Moines	11	205	7,848	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	6	287	16,943	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Floyd	3	14	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fremont	3	196	11,420	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Greene	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison	7	329	12,408	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Henry	7	114	5,800	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	5	60	2,690	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jefferson	38	2,732	131,859	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	8	918	69,308	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jones	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Keokuk	11	555	28,795	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lee	57	1,198	66,018	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Louisa	11	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Madison	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>WINTER WHEAT FOR GRAIN (BUSHEL)S) - Con.</b>										
<b>Counties - Con.</b>										
Mahaska .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marion .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mills .....	6	266	13,843	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monona .....	3	58	2,620	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe .....	9	375	17,871	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Montgomery .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine .....	11	135	7,673	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page .....	10	202	10,750	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Palo Alto .....	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pocahontas .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pottawattamie .....	6	91	4,911	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Poweshiek .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Scott .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux .....	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor .....	9	140	6,607	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union .....	4	319	16,215	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	23	1,040	45,604	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wapello .....	7	206	8,547	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington .....	21	790	42,406	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wayne .....	11	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Worth .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>OTHER SPRING WHEAT FOR GRAIN (BUSHEL)S)</b>										
<b>State Total</b>										
Iowa .....	7	279	9,445	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Benton .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Greene .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Louisa .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wayne .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>BARLEY FOR GRAIN (BUSHEL)S)</b>										
<b>State Total</b>										
Iowa .....	152	4,166	241,818	-	-	253	4,868	262,686	-	-
<b>Counties</b>										
Allamakee .....	13	587	38,665	-	-	21	443	20,550	-	-
Benton .....	3	(D)	1,630	-	-	3	23	1,320	-	-
Black Hawk .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bremer .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan .....	1	(D)	(D)	-	-	8	39	1,890	-	-
Buena Vista .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Butler .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw .....	5	101	7,360	-	-	5	50	2,580	-	-
Clay .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton .....	11	311	19,604	-	-	20	474	30,105	-	-
Clinton .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dallas .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Delaware .....	4	35	2,415	-	-	11	247	14,542	-	-
Dubuque .....	16	342	22,109	-	-	24	416	22,174	-	-
Fayette .....	13	237	16,540	-	-	20	541	25,563	-	-
Floyd .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard .....	5	345	18,900	-	-	6	69	3,333	-	-
Ida .....	3	127	9,170	-	-	14	357	21,820	-	-
Iowa .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jefferson .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson .....	2	27	1,710	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon .....	4	87	5,300	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mahaska .....	4	112	5,300	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marshall .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell .....	3	45	2,800	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien .....	2	(D)	(D)	-	-	9	137	9,634	-	-
Poweshiek .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sac .....	1	(D)	(D)	-	-	6	220	12,380	-	-
Scott .....	4	30	2,200	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux .....	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Story .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

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Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>BARLEY FOR GRAIN (BUSHEL) - Con.</b>										
<b>Counties - Con.</b>										
Washington	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wayne	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek	20	722	39,616	-	-	60	854	46,600	-	-
Worth	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>BUCKWHEAT (BUSHEL)</b>										
<b>State Total</b>										
Iowa	5	313	4,513	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Benton	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Des Moines	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lucas	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pocahontas	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>EMMER AND SPELT (BUSHEL)</b>										
<b>State Total</b>										
Iowa	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Davis	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>FLAXSEED (BUSHEL)</b>										
<b>State Total</b>										
Iowa	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Howard	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Story	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>OATS FOR GRAIN (BUSHEL)</b>										
<b>State Total</b>										
Iowa	6,963	143,513	10,761,952	1	(D)	10,968	214,485	14,451,930	2	(D)
<b>Counties</b>										
Adair	101	3,006	228,724	-	-	119	2,835	158,976	-	-
Adams	46	1,522	104,109	-	-	63	1,779	116,027	-	-
Allamakee	208	5,554	400,888	-	-	295	7,542	464,720	-	-
Appanoose	36	878	50,268	-	-	34	636	37,878	-	-
Audubon	45	1,184	101,282	-	-	78	1,441	96,079	-	-
Benton	94	1,586	133,050	-	-	202	3,700	279,199	-	-
Black Hawk	62	1,007	85,042	-	-	69	1,261	89,421	-	-
Boone	46	1,099	97,652	-	-	58	1,209	90,400	-	-
Bremer	86	1,353	109,236	-	-	133	2,001	138,409	-	-
Buchanan	142	2,613	222,360	-	-	246	3,876	266,203	-	-
Buena Vista	43	803	61,447	-	-	89	1,449	123,735	-	-
Butler	88	1,474	120,669	-	-	135	2,404	168,755	-	-
Calhoun	43	531	46,984	-	-	66	939	77,641	-	-
Carroll	89	1,736	150,515	-	-	153	2,369	189,536	-	-
Cass	52	1,355	91,288	-	-	82	1,584	86,806	-	-
Cedar	66	853	64,776	-	-	149	2,259	171,266	-	-
Cerro Gordo	54	920	70,867	-	-	77	1,298	94,638	-	-
Cherokee	49	1,008	78,367	-	-	80	1,199	96,207	-	-
Chickasaw	93	1,563	127,576	-	-	157	2,634	172,759	-	-
Clarke	70	1,933	128,726	-	-	74	1,706	88,022	-	-
Clay	27	456	36,740	-	-	37	646	45,234	-	-
Clayton	315	7,022	512,590	-	-	471	10,417	665,275	-	-
Clinton	102	1,567	111,321	-	-	214	3,603	244,676	-	-
Crawford	63	1,105	85,571	-	-	125	2,252	156,313	-	-
Dallas	15	224	15,482	-	-	44	953	70,061	-	-
Davis	80	1,480	86,231	-	-	125	2,014	105,806	-	-
Decatur	21	393	21,898	-	-	31	772	41,169	-	-
Delaware	195	3,880	303,106	-	-	293	6,165	402,129	-	-
Des Moines	15	282	22,029	-	-	33	419	32,037	-	-
Dickinson	21	469	38,337	-	-	24	409	30,679	-	-
Dubuque	330	6,593	499,561	-	-	486	10,675	684,588	-	-
Emmet	18	276	21,418	-	-	26	342	22,087	-	-
Fayette	187	3,622	303,311	-	-	309	6,326	417,386	-	-
Floyd	51	1,126	91,012	-	-	83	1,746	117,755	-	-
Franklin	45	1,199	87,953	-	-	70	1,093	75,317	-	-
Fremont	4	30	1,900	-	-	7	97	6,224	-	-
Greene	34	632	54,925	-	-	48	655	48,966	-	-
Grundy	30	451	39,652	-	-	55	991	75,815	-	-
Guthrie	38	849	52,616	-	-	93	1,978	125,274	-	-
Hamilton	26	483	46,908	-	-	42	816	62,610	-	-
Hancock	41	575	50,143	-	-	67	891	62,011	-	-

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**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>OATS FOR GRAIN (BUSHEL)S - Con.</b>										
<b>Counties - Con.</b>										
Hardin	26	418	30,616	-	-	41	645	47,969	-	-
Harrison	21	328	21,089	-	-	31	463	31,354	-	-
Henry	48	622	39,379	-	-	64	1,011	74,548	-	-
Howard	114	2,551	210,606	-	-	166	3,166	216,738	-	-
Humboldt	20	290	24,120	-	-	33	440	34,905	-	-
Ida	27	552	47,169	-	-	65	1,185	87,328	-	-
Iowa	103	2,408	184,119	-	-	172	3,646	265,436	-	-
Jackson	233	5,199	344,955	-	-	374	8,357	537,969	1	(D)
Jasper	78	1,796	139,406	-	-	163	3,690	246,334	-	-
Jefferson	75	1,523	84,813	-	-	99	1,815	106,302	-	-
Johnson	204	4,653	341,011	-	-	250	5,051	346,481	-	-
Jones	97	1,909	133,228	-	-	189	4,179	247,813	-	-
Keokuk	73	1,420	103,409	-	-	103	2,183	141,885	-	-
Kossuth	55	1,006	82,588	-	-	125	1,664	126,049	-	-
Lee	41	813	43,661	-	-	57	796	52,627	-	-
Linn	117	2,060	147,120	-	-	215	3,970	277,939	-	-
Louisa	25	575	35,554	-	-	39	611	44,706	-	-
Lucas	57	1,488	82,816	-	-	72	1,596	96,936	-	-
Lyon	100	1,710	148,658	-	-	131	2,529	195,981	-	-
Madison	46	789	53,815	-	-	66	1,274	71,218	-	-
Mahaska	67	1,200	90,520	-	-	129	2,345	169,686	-	-
Marion	54	1,014	67,438	-	-	106	2,159	143,607	-	-
Marshall	36	737	66,932	-	-	56	1,044	75,992	-	-
Mills	14	303	23,011	-	-	20	424	28,997	-	-
Mitchell	103	2,020	173,350	-	-	157	3,383	255,170	-	-
Monona	24	717	45,922	-	-	41	1,099	78,013	-	-
Monroe	48	1,285	78,503	-	-	38	887	66,977	-	-
Montgomery	26	512	28,788	-	-	26	602	40,532	-	-
Muscatine	55	1,108	76,543	-	-	120	2,114	145,789	-	-
O'Brien	54	799	65,732	-	-	82	862	75,058	-	-
Osceola	42	839	73,888	-	-	55	863	73,135	1	(D)
Page	29	628	36,309	-	-	40	855	46,816	-	-
Palo Alto	30	647	46,315	1	(D)	56	1,107	80,226	-	-
Plymouth	110	2,672	222,008	-	-	178	3,784	277,126	-	-
Pocahontas	31	515	44,076	-	-	53	849	69,628	-	-
Polk	17	377	25,076	-	-	22	435	28,390	-	-
Pottawattamie	46	1,220	87,940	-	-	58	1,482	99,694	-	-
Poweshiek	81	2,617	199,485	-	-	167	3,598	245,494	-	-
Ringgold	69	2,128	126,058	-	-	73	2,050	110,159	-	-
Sac	72	1,465	124,329	-	-	110	1,971	139,751	-	-
Scott	53	661	55,745	-	-	116	1,618	135,751	-	-
Shelby	43	903	67,343	-	-	107	2,117	163,992	-	-
Sioux	77	1,685	135,501	-	-	125	2,341	190,672	-	-
Story	33	593	48,039	-	-	59	816	60,700	-	-
Tama	94	1,508	123,108	-	-	158	2,491	167,376	-	-
Taylor	38	867	53,404	-	-	51	1,418	73,805	-	-
Union	54	1,556	103,619	-	-	100	3,198	171,502	-	-
Van Buren	61	1,130	62,802	-	-	73	1,163	72,153	-	-
Wapello	32	551	31,505	-	-	50	1,198	97,758	-	-
Warren	53	901	60,207	-	-	76	1,275	74,898	-	-
Washington	98	1,635	123,105	-	-	159	2,571	182,591	-	-
Wayne	57	1,346	82,115	-	-	62	1,565	68,513	-	-
Webster	34	648	56,555	-	-	48	1,185	88,045	-	-
Winneshago	43	784	57,207	-	-	70	1,303	91,816	-	-
Winneshiek	355	7,439	598,700	-	-	442	9,185	573,709	-	-
Woodbury	33	658	51,903	-	-	81	1,661	116,600	-	-
Worth	43	797	71,314	-	-	78	1,390	92,860	-	-
Wright	23	246	22,895	-	-	29	425	30,342	-	-
<b>POPCORN (POUNDS, SHELLED)</b>										
<b>State Total</b>										
Iowa	157	14,168	45,994,514	11	982	197	13,075	36,602,205	9	567
<b>Counties</b>										
Allamakee	2	(D)	(D)	-	-	6	158	316,000	-	-
Benton	3	40	42,750	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Black Hawk	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone	1	(D)	(D)	-	-	4	206	510,775	-	-
Bremer	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista	5	241	959,096	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Butler	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Calhoun	2	(D)	(D)	-	-	4	480	1,599,000	2	(D)
Carroll	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay	3	72	323,212	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford	8	1,150	4,323,001	2	(D)	10	1,173	3,632,680	-	-
Dallas	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis	1	(D)	(D)	-	-	3	(D)	(D)	-	-
Delaware	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Des Moines	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	2	(D)	(D)	-	-	4	24	59,200	-	-
Fayette	2	(D)	(D)	-	-	5	84	168,000	-	-
Floyd	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fremont	11	1,852	3,747,668	-	-	3	217	(D)	-	-
Greene	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Grundy	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hamilton	3	473	2,242,397	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

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Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>POPCORN (POUNDS, SHELLED) - Con.</b>										
<b>Counties - Con.</b>										
Hancock	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison	11	1,365	3,888,806	2	(D)	13	1,237	3,398,050	2	(D)
Howard	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	1	(D)	(D)	-	-	5	33	28,225	-	-
Keokuk	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth	3	584	1,996,411	-	-	3	(D)	(D)	-	-
Linn	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lucas	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mills	3	302	468,680	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monona	12	1,437	4,197,321	2	(D)	21	3,557	8,078,576	1	(D)
Montgomery	4	516	1,403,978	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page	2	(D)	(D)	-	-	3	157	512,000	-	-
Plymouth	3	(D)	(D)	1	(D)	6	160	548,774	-	-
Pocahontas	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Polk	1	(D)	(D)	-	-	4	(D)	(D)	-	-
Poweshiek	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold	1	(D)	(D)	-	-	5	486	1,232,500	-	-
Sac	12	1,420	6,026,860	-	-	13	1,584	4,464,806	-	-
Scott	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Story	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington	4	18	15,600	-	-	4	7	10,600	-	-
Winnesiek	6	36	68,260	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury	8	880	3,816,413	1	(D)	9	695	2,352,545	3	220
Wright	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>PROSO MILLET (BUSHEL)</b>										
<b>State Total</b>										
Iowa	3	64	3,325	-	-	4	68	1,602	-	-
<b>Counties</b>										
Keokuk	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>RYE FOR GRAIN (BUSHEL)</b>										
<b>State Total</b>										
Iowa	116	1,771	60,484	-	-	90	1,725	57,105	3	37
<b>Counties</b>										
Adams	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Allamakee	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Audubon	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton	3	30	800	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Black Hawk	3	27	1,055	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bremer	3	(D)	1,205	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	1	(D)	(D)	-	-	3	19	465	-	-
Buena Vista	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Butler	3	34	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton	7	44	1,692	-	-	3	20	482	-	-
Crawford	5	41	2,640	-	-	3	40	1,940	-	-
Davis	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Delaware	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Des Moines	3	180	3,774	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	1	(D)	(D)	-	-	3	70	(D)	-	-
Fayette	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Floyd	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Henry	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Humboldt	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	3	30	900	-	-	5	45	1,421	-	-
Jackson	1	(D)	(D)	-	-	6	66	1,739	2	(D)
Jefferson	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	7	173	6,495	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jones	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lee	1	(D)	(D)	-	-	3	11	123	-	-
Linn	3	28	1,060	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Louisa	3	42	(D)	-	-	8	233	6,060	-	-
Lucas	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Madison	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marshall	1	(D)	(D)	-	-	3	7	135	-	-
Mitchell	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Montgomery	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine	7	102	3,095	-	-	11	506	12,400	1	(D)
O'Brien	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>RYE FOR GRAIN (BUSHELS) - Con.</b>										
<b>Counties - Con.</b>										
Palo Alto .....	3	7	485	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pocahontas .....	5	69	4,104	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Poweshiek .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold .....	3	24	1,101	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sac .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Scott .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wayne .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	3	19	1,000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>SUNFLOWER SEED, ALL (POUNDS)</b>										
<b>State Total</b>										
Iowa .....	6	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Davis .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Story .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>SUNFLOWER SEED, OIL VARIETIES (POUNDS)</b>										
<b>State Total</b>										
Iowa .....	5	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Davis .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Story .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>SUNFLOWER SEED, NON-OIL VARIETIES (POUNDS)</b>										
<b>State Total</b>										
Iowa .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Winneshiek .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>TRITICALE (BUSHELS)</b>										
<b>State Total</b>										
Iowa .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Buena Vista .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)



Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>SOYBEANS FOR BEANS (BUSHEL)S - Con.</b>										
<b>Counties - Con.</b>										
Pocahontas	574	157,490	7,450,254	-	-	723	171,306	7,852,016	3	(D)
Polk	353	86,310	3,963,051	-	-	468	92,448	4,202,567	-	-
Pottawattamie	770	205,719	9,217,512	-	604	956	211,136	9,198,157	2	(D)
Poweshiek	502	110,611	5,441,503	-	-	599	100,445	4,772,815	-	-
Ringgold	274	40,722	1,632,719	-	-	347	43,565	1,760,118	-	-
Sac	579	146,178	7,327,665	3	195	658	145,408	6,725,601	2	(D)
Scott	469	80,723	4,238,994	-	-	532	72,419	3,728,045	-	-
Shelby	634	135,215	6,310,071	-	-	734	127,749	5,941,332	-	-
Sioux	1,101	193,229	9,660,763	26	2,355	1,233	186,414	8,902,457	22	2,279
Story	607	140,082	6,465,973	3	66	711	150,906	6,810,676	2	(D)
Tama	679	147,925	7,548,227	-	-	757	135,722	6,371,651	3	(D)
Taylor	329	69,912	2,874,987	-	-	446	71,198	2,767,013	-	-
Union	275	43,067	1,873,877	-	-	312	42,350	1,738,581	2	(D)
Van Buren	321	45,817	1,572,488	-	-	372	45,095	2,062,919	-	-
Wapello	258	47,461	1,800,254	-	-	328	52,209	2,389,575	-	-
Warren	417	65,000	2,911,014	-	-	567	71,157	3,099,515	2	(D)
Washington	597	101,560	4,854,723	1	(D)	683	101,257	4,900,465	-	-
Wayne	268	56,009	2,111,407	-	-	353	48,534	1,892,568	2	(D)
Webster	641	178,461	8,534,296	1	(D)	799	193,677	8,681,554	1	(D)
Winnebago	348	93,780	4,296,705	-	-	433	94,631	4,018,152	-	-
Winneshiek	597	69,199	3,552,400	-	-	574	48,119	2,150,474	1	(D)
Woodbury	582	150,350	6,781,590	19	3,237	781	168,298	6,687,367	20	3,701
Worth	352	91,409	4,446,992	2	(D)	443	93,014	4,002,364	1	(D)
Wright	521	152,937	7,056,329	-	-	607	161,974	6,729,771	-	-
<b>DRY EDIBLE BEANS, EXCLUDING LIMAS (CWT)</b>										
<b>State Total</b>										
Iowa	56	2,270	71,739	-	-	65	6,140	103,967	1	(D)
<b>Counties</b>										
Allamakee	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bremer	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton	3	109	2,515	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Delaware	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Greene	9	291	7,703	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Grundy	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jefferson	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon	3	21	651	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Madison	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	4	61	1,220	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Osceola	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Palo Alto	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby	3	58	2,870	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington	4	28	774	-	-	8	245	4,667	-	-
Webster	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek	1	(D)	(D)	-	-	3	(D)	(D)	-	-
Woodbury	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>POTATOES (CWT)</b>										
<b>State Total</b>										
Iowa	117	1,005	231,352	13	91	117	1,747	367,489	21	1,028
<b>Counties</b>										
Adams	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Allamakee	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton	2	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Black Hawk	3	4	440	2	(D)	5	1	240	1	(D)
Boone	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bremer	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	4	1	400	-	-	4	(D)	450	-	-
Carroll	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cass	1	(D)	(D)	-	-	3	3	(D)	-	-
Cedar	2	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay	4	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Dallas	3	1	128	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	3	2	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Grundy	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hamilton	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>POTATOES (CWT) - Con.</b>										
<b>Counties - Con.</b>										
Hardin	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Henry	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	5	3	906	-	-	5	4	720	-	-
Jones	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Keokuk	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lee	2	(D)	(D)	-	-	5	5	430	4	4
Linn	8	7	(D)	1	(D)	3	(D)	(D)	-	-
Louisa	5	614	140,283	1	(D)	5	594	140,550	5	594
Lyon	2	(D)	(D)	-	-	3	3	500	-	-
Madison	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mahaska	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	8	1	285	-	-	7	5	1,672	1	(D)
Monona	2	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine	6	23	(D)	2	(D)	6	(D)	(D)	4	(D)
Page	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Polk	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pottawattamie	1	(D)	(D)	-	-	5	4	419	-	-
Scott	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Story	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama	3	1	700	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor	4	2	1,500	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren	6	4	853	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Webster	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek	3	6	1,050	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Worth	2	(D)	(D)	1	(D)	4	118	(D)	-	-
<b>SWEET POTATOES (CWT)</b>										
<b>State Total</b>										
Iowa	18	8	639	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Henry	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	5	2	21	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine	2	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Page	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Polk	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Story	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren	3	(Z)	36	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>FIELD AND GRASS SEED CROPS, ALL</b>										
<b>State Total</b>										
Iowa	87	2,757	(X)	-	-	54	2,498	(X)	-	-
<b>Counties</b>										
Adams	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Allamakee	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Audubon	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Bremer	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Butler	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Carroll	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Cedar	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Clay	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Dallas	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Decatur	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Greene	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Hancock	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Hardin	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Harrison	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Henry	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Humboldt	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Iowa	20	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Jackson	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Jasper	3	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Jasper	43	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Johnson	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Jones	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Linn	6	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Lucas	3	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Madison	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Marshall	3	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Mills	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Mitchell	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Monona	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Montgomery	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
O'Brien	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Page	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Plymouth	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Pocahontas	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Pottawattamie	5	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Poweshiek	3	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Ringgold	3	169	(X)	-	-	4	140	(X)	-	-
Shelby	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Tama	6	24	(X)	-	-	3	23	(X)	-	-
Union	1	(D)	(X)	-	-	3	118	(X)	-	-
Van Buren	4	81	(X)	-	-	3	71	(X)	-	-
Warren	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Washington	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Wayne	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Winneshiek	3	18	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Woodbury	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Wright	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
<b>ALFALFA SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa	52	471	12,467	-	-	8	385	29,750	-	-
<b>Counties</b>										
Audubon	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bremer	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cedar	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dallas	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hancock	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hardin	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Henry	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	20	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jones	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn	6	41	710	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lucas	3	29	926	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marshall	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monona	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Montgomery	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Poweshiek	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama	5	(D)	170	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek	3	18	268	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wright	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

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Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>BROMEGRASS SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa .....	1	(D)	(D)	-	-	4	62	12,280	-	-
<b>Counties</b>										
Monona .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>FESCUE SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa .....	3	65	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Decatur .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wright .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>ORCHARDGRASS SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Pottawattamie .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>RED CLOVER SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa .....	9	321	55,024	-	-	24	695	60,387	-	-
<b>Counties</b>										
Adams .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Humboldt .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama .....	1	(D)	(D)	-	-	3	23	4,000	-	-
Van Buren .....	4	81	12,676	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wayne .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>RYEGRASS SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa .....	3	20	4,968	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Butler .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pocahontas .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>OTHER FIELD AND GRASS SEED CROPS (POUNDS)</b>										
<b>State Total</b>										
Iowa .....	17	1,480	101,874	-	-	15	1,054	177,434	-	-
<b>Counties</b>										
Allamakee .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Greene .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Madison .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marshall .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mills .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pottawattamie .....	3	42	4,254	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Poweshiek .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>HAY - ALL HAY INCLUDING ALFALFA, OTHER TAME, SMALL GRAIN, AND WILD (TONS, DRY) (SEE TEXT)</b>										
<b>State Total</b>										
Iowa .....	33,057	1,471,257	4,792,462	26	1,352	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Adair .....	455	31,720	110,430	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Adams .....	255	15,728	48,791	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>HAY - ALL HAY INCLUDING ALFALFA, OTHER TAME, SMALL GRAIN, AND WILD (TONS, DRY) (SEE TEXT) - Con.</b>										
<b>Counties - Con.</b>										
Allamakee .....	520	37,332	137,069	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Appanoose .....	499	40,259	102,631	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Audubon .....	226	9,901	30,592	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton .....	437	13,640	49,937	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Black Hawk .....	223	5,199	19,393	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone .....	268	7,070	24,939	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bremer .....	303	8,857	28,440	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan .....	358	9,665	33,677	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista .....	168	3,881	12,878	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Butler .....	314	7,667	24,734	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Calhoun .....	157	2,736	9,581	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll .....	332	9,740	38,079	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cass .....	358	18,079	52,748	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cedar .....	344	11,369	44,424	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo .....	185	3,579	10,884	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cherokee .....	329	9,298	33,824	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw .....	337	11,246	38,717	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clarke .....	438	32,571	88,312	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay .....	175	7,239	23,306	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton .....	750	40,596	167,398	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton .....	437	14,386	53,670	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford .....	427	17,069	63,600	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dallas .....	298	8,414	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis .....	614	42,844	114,372	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur .....	438	36,510	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Delaware .....	531	22,594	91,126	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Des Moines .....	174	4,801	17,177	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dickinson .....	129	5,485	16,620	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque .....	811	41,794	174,399	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Emmet .....	121	3,255	9,404	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette .....	493	23,483	91,801	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Floyd .....	230	6,826	24,936	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin .....	182	4,612	14,137	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fremont .....	176	5,063	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Greene .....	204	6,206	19,453	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Grundy .....	141	3,335	13,992	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie .....	345	16,625	46,155	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hamilton .....	145	2,608	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hancock .....	148	3,640	14,053	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hardin .....	201	5,584	19,895	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison .....	278	10,212	31,075	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Henry .....	306	11,278	38,442	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard .....	286	12,353	43,522	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Humboldt .....	108	1,970	5,156	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida .....	206	7,877	30,710	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa .....	399	17,121	62,660	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson .....	703	38,170	145,200	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper .....	480	18,152	65,211	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Jefferson .....	325	15,278	38,489	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson .....	554	21,012	78,544	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jones .....	452	19,373	78,107	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Keokuk .....	334	14,107	50,330	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth .....	203	4,986	14,344	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Lee .....	393	15,210	44,162	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn .....	582	16,603	55,727	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Louisa .....	162	4,651	16,220	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Lucas .....	422	29,262	75,175	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon .....	376	10,770	37,640	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Madison .....	566	28,810	84,121	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mahaska .....	344	11,666	38,610	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marion .....	471	19,770	65,857	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marshall .....	246	7,531	26,601	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mills .....	171	5,989	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell .....	226	6,906	22,371	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monona .....	190	9,446	28,498	3	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe .....	455	34,939	99,626	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Montgomery .....	237	10,561	32,532	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine .....	273	8,302	34,654	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien .....	243	7,173	22,304	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Osceola .....	129	4,975	13,827	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page .....	406	17,745	45,711	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Palo Alto .....	131	3,431	11,390	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	459	15,943	55,903	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pocahontas .....	120	2,621	9,142	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Polk .....	236	9,037	25,765	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pottawattamie .....	478	16,313	54,155	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Poweshiek .....	416	22,515	84,520	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold .....	408	40,279	102,905	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sac .....	230	6,662	25,497	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Scott .....	218	6,329	24,950	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby .....	324	11,057	33,053	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux .....	391	12,714	51,879	7	-	(NA)	(NA)	(NA)	(NA)	(NA)
Story .....	242	6,533	23,004	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama .....	457	17,757	68,444	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor .....	371	22,207	64,858	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union .....	343	27,596	76,449	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	477	28,677	70,470	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wapello .....	398	17,998	45,608	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren .....	643	27,958	83,401	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington .....	380	12,864	46,604	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

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Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>SMALL GRAIN HAY (TONS, DRY) - Con.</b>										
<b>Counties - Con.</b>										
Lucas	32	880	2,103	-	-	32	1,791	3,883	-	-
Lyon	15	283	1,016	-	-	32	534	1,095	-	-
Madison	59	1,103	2,023	-	-	97	1,980	3,421	-	-
Mahaska	41	728	(D)	-	-	74	1,255	2,796	-	-
Marion	43	938	1,723	-	-	46	857	1,514	-	-
Marshall	21	394	946	-	-	39	601	1,064	-	-
Mills	13	163	145	-	-	19	270	419	-	-
Mitchell	14	(D)	(D)	-	-	47	565	1,119	-	-
Monona	23	676	1,671	-	-	48	884	1,755	-	-
Monroe	47	1,459	2,814	-	-	51	1,062	2,090	-	-
Montgomery	32	557	1,409	-	-	50	789	1,500	-	-
Muscatine	29	752	3,412	-	-	37	625	1,198	-	-
O'Brien	13	147	530	-	-	28	345	662	-	-
Osceola	4	165	234	-	-	11	231	550	-	-
Page	60	1,071	2,105	-	-	76	1,331	1,985	-	-
Palo Alto	11	179	364	-	-	13	143	197	-	-
Plymouth	35	688	2,052	-	-	74	1,515	2,956	-	-
Pocahontas	9	(D)	(D)	-	-	25	316	467	-	-
Polk	12	178	461	-	-	10	118	224	-	-
Pottawattamie	55	1,208	2,757	1	(D)	70	1,223	2,757	-	-
Poweshiek	47	1,394	2,028	-	-	69	1,195	2,386	-	-
Ringgold	37	794	1,745	-	-	29	706	1,481	-	-
Sac	20	331	822	-	-	44	720	2,036	-	-
Scott	27	330	890	-	-	40	566	960	-	-
Shelby	27	888	1,552	-	-	67	1,119	2,463	-	-
Sioux	27	377	1,379	-	-	30	644	1,251	-	-
Story	15	129	227	-	-	30	325	727	1	(D)
Tama	40	862	1,874	-	-	57	1,191	2,461	-	-
Taylor	55	1,445	4,587	-	-	49	1,085	1,685	-	-
Union	38	1,550	3,063	-	-	60	1,250	1,934	1	(D)
Van Buren	34	597	962	-	-	56	886	1,549	-	-
Wapello	19	329	514	-	-	28	498	1,035	-	-
Warren	43	941	2,253	-	-	86	1,464	2,660	-	-
Washington	35	600	1,212	-	-	28	359	511	-	-
Wayne	34	1,589	3,634	-	-	42	1,403	2,600	-	-
Webster	10	190	672	-	-	16	130	173	-	-
Winnebago	10	55	138	-	-	10	223	489	-	-
Winneshiek	111	2,369	5,589	-	-	149	3,204	7,285	-	-
Woodbury	28	732	1,117	-	-	93	1,553	3,012	-	-
Worth	7	65	135	-	-	25	314	711	-	-
Wright	9	68	136	-	-	14	118	141	-	-
<b>OTHER TAME HAY (TONS, DRY)</b>										
<b>State Total</b>										
Iowa	5,579	217,296	426,591	4	(D)	8,506	272,403	515,123	17	446
<b>Counties</b>										
Adair	61	2,299	5,632	-	-	102	4,397	7,931	-	-
Adams	54	2,337	4,544	-	-	104	3,729	6,776	-	-
Allamakee	30	966	2,160	-	-	41	1,330	2,836	-	-
Appanoose	254	17,010	33,524	-	-	299	19,370	36,662	-	-
Audubon	28	899	1,337	-	-	85	2,833	5,696	-	-
Benton	23	491	876	-	-	59	1,129	2,091	-	-
Black Hawk	26	308	675	-	-	56	737	1,278	-	-
Boone	37	621	1,788	-	-	67	1,151	2,102	1	(D)
Bremer	27	602	1,027	-	-	58	641	1,155	-	-
Buchanan	39	600	1,424	-	-	58	1,379	2,757	1	(D)
Buena Vista	29	327	630	-	-	58	736	1,416	-	-
Butler	37	520	1,037	-	-	69	1,224	1,714	-	-
Calhoun	16	284	576	-	-	35	405	525	-	-
Carroll	26	460	1,320	-	-	53	852	1,510	-	-
Cass	64	1,812	3,451	-	-	107	3,084	5,254	-	-
Cedar	47	1,028	2,254	-	-	52	1,188	2,690	-	-
Cerro Gordo	20	249	530	-	-	40	551	1,178	-	-
Cherokee	35	439	821	-	-	94	1,682	3,681	-	-
Chickasaw	54	892	1,946	-	-	77	1,465	2,898	-	-
Clarke	120	6,047	10,484	-	-	146	6,107	11,261	-	-
Clay	33	2,082	5,268	-	-	64	2,151	4,101	-	-
Clayton	50	1,150	3,307	-	-	104	3,156	6,791	-	-
Clinton	43	1,198	2,967	-	-	53	1,038	2,141	-	-
Crawford	43	852	1,395	-	-	99	1,875	2,726	1	(D)
Dallas	29	874	1,268	-	-	67	1,356	2,323	-	-
Davis	323	19,110	39,947	-	-	368	20,004	39,358	-	-
Decatur	251	16,126	30,394	-	-	273	18,430	35,189	2	(D)
Delaware	22	836	3,392	-	-	54	1,090	2,669	-	-
Des Moines	25	578	1,570	-	-	49	881	2,172	-	-
Dickinson	15	386	882	-	-	27	1,335	2,048	-	-
Dubuque	43	1,225	3,161	-	-	64	1,434	3,709	-	-
Emmet	15	219	445	-	-	19	423	680	-	-
Fayette	43	1,031	2,709	-	-	63	1,117	2,133	-	-
Floyd	20	444	1,128	-	-	66	1,173	2,215	-	-
Franklin	26	785	1,267	-	-	41	1,018	1,381	-	-
Fremont	36	1,039	1,846	-	-	55	1,401	2,561	-	-
Greene	23	337	539	-	-	39	760	1,443	-	-
Grundy	3	14	40	-	-	28	391	1,040	-	-
Guthrie	47	1,986	4,204	-	-	108	2,996	5,021	-	-
Hamilton	19	213	561	-	-	26	354	579	-	-
Hancock	17	270	692	-	-	48	728	1,627	-	-

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Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>OTHER TAME HAY (TONS, DRY) - Con.</b>										
<b>Counties - Con.</b>										
Hardin	36	1,126	2,166	-	-	29	651	1,772	-	-
Harrison	30	779	1,770	-	-	42	1,248	1,869	3	(D)
Henry	62	1,473	2,944	-	-	78	1,343	2,919	-	-
Howard	31	841	1,959	-	-	65	1,636	3,687	-	-
Humboldt	21	235	464	-	-	29	348	813	-	-
Ida	29	871	1,617	-	-	51	872	1,058	2	(D)
Iowa	37	808	1,598	-	-	69	1,844	3,221	-	-
Jackson	51	1,352	3,458	-	-	75	3,220	6,502	-	-
Jasper	70	1,471	3,280	-	-	96	1,977	4,522	-	-
Jefferson	85	3,208	5,631	-	-	127	3,721	7,337	-	-
Johnson	75	1,944	5,061	-	-	103	2,740	5,342	-	-
Jones	41	962	2,499	-	-	55	1,180	1,814	-	-
Keokuk	43	1,326	3,124	-	-	63	1,198	2,363	-	-
Kossuth	24	270	661	-	-	60	1,124	1,987	1	(D)
Lee	117	3,773	8,062	-	-	148	4,075	8,815	-	-
Linn	81	1,478	4,317	-	-	85	1,660	2,998	-	-
Louisa	24	428	821	-	-	38	520	1,301	-	-
Lucas	140	8,387	12,935	-	-	175	9,213	18,639	-	-
Lyon	56	1,690	2,478	-	-	112	2,005	4,396	-	-
Madison	86	2,479	4,707	-	-	144	3,973	6,490	-	-
Mahaska	41	1,061	2,181	-	-	58	1,116	2,095	-	-
Marion	88	3,074	7,111	-	-	113	4,816	9,052	2	(D)
Marshall	34	1,098	1,888	-	-	53	1,174	2,826	-	-
Mills	30	829	1,293	-	-	41	1,009	1,934	-	-
Mitchell	26	393	746	-	-	46	713	1,329	-	-
Monona	21	1,146	1,684	-	-	33	901	1,354	-	-
Monroe	137	7,961	17,203	-	-	170	7,912	14,328	-	-
Montgomery	50	1,256	2,134	-	-	72	1,911	3,690	-	-
Muscatine	28	591	1,586	-	-	51	774	1,710	-	-
O'Brien	33	548	941	-	-	80	1,014	1,926	-	-
Osceola	28	566	779	-	-	32	359	587	-	-
Page	133	4,021	6,868	-	-	187	5,183	11,212	1	(D)
Palo Alto	15	216	484	1	(D)	45	1,013	1,858	1	(D)
Plymouth	61	1,554	2,370	-	-	149	2,697	4,061	-	-
Pocahontas	19	144	352	-	-	39	403	548	-	-
Polk	30	2,065	4,242	-	-	44	753	1,315	-	-
Pottawattamie	59	1,052	1,538	2	(D)	109	2,031	3,142	-	-
Poweshiek	32	1,080	2,100	-	-	61	1,499	2,624	-	-
Ringgold	161	13,398	22,368	-	-	192	12,587	22,416	-	-
Sac	24	402	845	-	-	46	638	1,079	1	(D)
Scott	19	222	475	-	-	28	252	616	-	-
Shelby	28	1,127	2,009	-	-	55	1,110	2,267	-	-
Sioux	59	938	1,846	-	-	114	1,452	2,769	-	-
Story	25	1,374	1,942	-	-	43	564	973	-	-
Tama	41	1,182	2,901	-	-	90	2,128	5,130	1	(D)
Taylor	121	5,619	10,622	-	-	150	5,706	9,829	-	-
Union	81	4,628	7,642	-	-	173	8,466	15,555	-	-
Van Buren	238	11,328	21,695	-	-	222	8,661	17,233	-	-
Wapello	124	5,027	10,525	-	-	162	5,765	10,649	-	-
Warren	122	4,058	7,270	-	-	165	4,112	6,228	-	-
Washington	67	1,842	4,310	-	-	100	2,436	4,144	-	-
Wayne	169	11,038	18,885	1	(D)	235	13,667	25,621	-	-
Webster	14	138	329	-	-	27	233	469	-	-
Winnebago	9	56	110	-	-	26	1,439	2,925	-	-
Winneshiek	39	846	1,850	-	-	64	1,490	3,251	-	-
Woodbury	55	1,135	1,646	-	-	150	3,916	5,669	-	-
Worth	12	153	353	-	-	39	590	1,023	-	-
Wright	14	283	898	-	-	23	264	523	-	-
<b>WILD HAY (TONS, DRY)</b>										
<b>State Total</b>										
Iowa	1,091	22,687	36,025	-	-	1,432	30,237	46,325	-	-
<b>Counties</b>										
Adair	4	(D)	(D)	-	-	6	224	352	-	-
Adams	4	43	48	-	-	5	440	(D)	-	-
Allamakee	1	(D)	(D)	-	-	8	216	258	-	-
Appanoose	14	333	395	-	-	15	381	476	-	-
Audubon	5	43	62	-	-	6	310	271	-	-
Benton	6	92	85	-	-	15	492	893	-	-
Black Hawk	2	(D)	(D)	-	-	5	58	(D)	-	-
Boone	6	73	77	-	-	6	115	159	-	-
Bremer	7	56	84	-	-	33	279	398	-	-
Buchanan	2	(D)	(D)	-	-	15	157	202	-	-
Buena Vista	8	129	158	-	-	17	263	366	-	-
Butler	18	362	372	-	-	29	358	503	-	-
Calhoun	6	52	71	-	-	4	53	(D)	-	-
Carroll	4	30	59	-	-	6	120	105	-	-
Cass	2	(D)	(D)	-	-	9	257	403	-	-
Cedar	6	153	181	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	3	23	14	-	-	10	73	66	-	-
Cherokee	48	1,028	1,711	-	-	54	1,333	2,003	-	-
Chickasaw	13	111	146	-	-	10	177	206	-	-
Clarke	11	219	251	-	-	14	459	718	-	-
Clay	19	563	1,041	-	-	34	665	881	-	-
Clayton	4	22	18	-	-	24	877	1,292	-	-
Clinton	11	107	127	-	-	11	68	138	-	-
Crawford	5	45	50	-	-	6	89	164	-	-
Dallas	4	68	(D)	-	-	6	129	102	-	-

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**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>WILD HAY (TONS, DRY) - Con.</b>										
<b>Counties - Con.</b>										
Davis	13	555	852	-	-	(NA)	-	(NA)	(NA)	(NA)
Decatur	21	735	(D)	-	-	25	1,115	1,806	-	-
Des Moines	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dickinson	12	388	771	-	-	23	392	568	-	-
Dubuque	5	229	499	-	-	7	(D)	756	-	-
Emmet	12	194	225	-	-	15	(D)	(D)	-	-
Fayette	9	113	227	-	-	11	104	195	-	-
Floyd	9	117	193	-	-	9	111	85	-	-
Franklin	5	41	58	-	-	5	188	339	-	-
Fremont	8	150	(D)	-	-	5	(D)	(D)	-	-
Greene	4	28	26	-	-	6	220	201	-	-
Grundy	2	(D)	(D)	-	-	8	171	183	-	-
Guthrie	3	52	122	-	-	9	294	386	-	-
Hamilton	5	42	(D)	-	-	5	44	109	-	-
Hancock	13	164	442	-	-	20	392	662	-	-
Hardin	4	42	174	-	-	4	33	64	-	-
Harrison	6	51	85	-	-	10	529	(D)	-	-
Henry	7	92	154	-	-	9	156	281	-	-
Howard	5	56	22	-	-	20	383	537	-	-
Humboldt	2	(D)	(D)	-	-	3	29	32	-	-
Iowa	10	176	193	-	-	8	180	283	-	-
Jackson	4	142	165	-	-	11	297	490	-	-
Jasper	14	140	134	-	-	8	101	233	-	-
Jasper	3	(D)	(D)	-	-	11	226	449	-	-
Jefferson	9	484	615	-	-	13	218	269	-	-
Johnson	6	61	64	-	-	8	57	61	-	-
Jones	6	176	343	-	-	8	200	452	-	-
Keokuk	5	57	88	-	-	5	149	168	-	-
Kossuth	22	294	472	-	-	41	681	864	-	-
Lee	16	311	197	-	-	14	226	370	-	-
Linn	14	146	157	-	-	19	185	211	-	-
Louisa	2	(D)	(D)	-	-	6	48	70	-	-
Lucas	10	214	361	-	-	17	381	536	-	-
Lyon	66	987	1,962	-	-	97	1,402	2,590	-	-
Madison	11	203	114	-	-	15	399	569	-	-
Mahaska	3	68	(D)	-	-	6	58	98	-	-
Marion	8	49	98	-	-	10	111	207	-	-
Marshall	9	56	87	-	-	12	180	369	-	-
Mills	11	98	(D)	-	-	10	(D)	(D)	-	-
Mitchell	3	(D)	(D)	-	-	7	139	231	-	-
Monona	10	422	528	-	-	5	31	44	-	-
Monroe	11	274	538	-	-	14	471	522	-	-
Montgomery	7	146	258	-	-	4	89	76	-	-
Muscatine	5	141	241	-	-	6	55	123	-	-
O'Brien	46	1,201	1,930	-	-	59	838	1,251	-	-
Osceola	32	322	577	-	-	36	395	665	-	-
Page	11	346	257	-	-	7	122	209	-	-
Palo Alto	9	143	282	-	-	18	572	976	-	-
Plymouth	50	1,244	2,592	-	-	55	768	1,359	-	-
Pocahontas	1	(D)	(D)	-	-	5	77	128	-	-
Polk	7	185	344	-	-	5	(D)	(D)	-	-
Pottawattamie	18	290	484	-	-	20	347	548	-	-
Poweshiek	5	72	113	-	-	8	175	231	-	-
Ringgold	23	1,008	1,615	-	-	19	1,104	2,288	-	-
Sac	4	33	52	-	-	8	72	78	-	-
Scott	5	58	71	-	-	6	116	(D)	-	-
Shelby	4	140	288	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux	58	899	1,973	-	-	56	575	1,238	-	-
Story	6	30	47	-	-	9	(D)	96	-	-
Tama	7	88	146	-	-	5	44	109	-	-
Taylor	10	231	418	-	-	6	95	206	-	-
Union	20	744	874	-	-	25	795	944	-	-
Van Buren	20	528	688	-	-	20	498	758	-	-
Wapello	7	151	403	-	-	24	897	1,149	-	-
Warren	25	636	838	-	-	27	391	418	-	-
Washington	6	67	162	-	-	9	165	304	-	-
Wayne	10	436	550	-	-	12	982	2,143	-	-
Webster	7	105	142	-	-	5	41	54	-	-
Winnebago	9	372	724	-	-	12	257	624	-	-
Winneshiek	10	133	261	-	-	19	213	255	-	-
Woodbury	32	698	1,076	-	-	14	882	660	-	-
Worth	20	432	716	-	-	26	509	728	-	-
Wright	3	30	(D)	-	-	6	(D)	(D)	-	-
<b>ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN) (SEE TEXT)</b>										
<b>State Total</b>										
Iowa	2,103	108,801	779,838	2	(D)	2,718	113,453	724,886	-	-
<b>Counties</b>										
Adair	9	366	1,096	-	-	17	650	2,618	-	-
Adams	7	196	694	-	-	10	358	(D)	-	-
Allamakee	101	8,911	54,380	-	-	120	6,689	38,314	-	-
Appanoose	10	711	4,021	-	-	12	761	2,375	-	-
Audubon	10	671	3,708	-	-	10	419	2,038	-	-
Benton	17	1,009	8,598	-	-	29	1,026	5,730	-	-
Black Hawk	12	733	4,057	-	-	8	1,353	(D)	-	-
Boone	3	134	1,734	-	-	6	113	615	-	-

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Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002						1997				
	Harvested			Irrigated			Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
<b>ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN) (SEE TEXT) - Con.</b>											
<b>Counties - Con.</b>											
Bremer .....	55	2,415	18,405	-	-	54	1,712	11,169	-	-	
Buchanan .....	31	1,064	5,460	-	-	32	684	4,307	-	-	
Buena Vista .....	8	167	743	-	-	11	202	907	-	-	
Butler .....	16	369	1,624	-	-	15	497	2,449	-	-	
Calhoun .....	5	79	262	-	-	9	171	(D)	-	-	
Carroll .....	13	250	827	-	-	16	313	1,664	-	-	
Cass .....	9	459	1,767	-	-	13	542	3,904	-	-	
Cedar .....	6	216	1,930	-	-	16	(D)	(D)	-	-	
Cerro Gordo .....	5	146	1,021	-	-	8	109	722	-	-	
Cherokee .....	18	541	2,132	-	-	20	981	5,613	-	-	
Chickasaw .....	34	1,708	15,290	-	-	49	1,428	8,139	-	-	
Clarke .....	9	347	761	-	-	8	197	966	-	-	
Clay .....	7	316	1,612	-	-	4	146	1,052	-	-	
Clayton .....	150	10,200	76,492	-	-	206	11,322	71,574	-	-	
Clinton .....	30	1,840	15,900	-	-	42	1,928	12,695	-	-	
Crawford .....	7	117	463	-	-	10	232	1,110	-	-	
Dallas .....	4	107	(D)	-	-	11	154	1,014	-	-	
Davis .....	22	1,204	8,093	-	-	24	945	5,062	-	-	
Decatur .....	4	257	(D)	-	-	7	311	1,654	-	-	
Delaware .....	127	6,631	53,099	-	-	148	6,473	40,795	-	-	
Des Moines .....	7	282	2,021	-	-	15	(D)	(D)	-	-	
Dickinson .....	4	163	779	-	-	9	178	811	-	-	
Dubuque .....	236	15,895	126,970	-	-	293	(D)	123,655	-	-	
Fayette .....	73	4,977	36,407	-	-	95	3,929	22,789	-	-	
Floyd .....	26	878	6,626	-	-	13	386	2,906	-	-	
Franklin .....	6	287	2,952	-	-	11	225	1,790	-	-	
Fremont .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	
Greene .....	5	164	877	-	-	6	94	386	-	-	
Grundy .....	4	210	995	-	-	10	378	2,779	-	-	
Guthrie .....	7	287	786	-	-	10	269	1,621	-	-	
Hamilton .....	1	(D)	(D)	-	-	8	434	1,309	-	-	
Hancock .....	8	167	751	-	-	9	158	872	-	-	
Hardin .....	6	381	1,403	-	-	12	377	2,816	-	-	
Harrison .....	5	162	413	-	-	4	64	(D)	-	-	
Henry .....	7	277	2,083	-	-	11	354	2,304	-	-	
Howard .....	32	1,153	8,652	-	-	41	1,094	5,313	-	-	
Humboldt .....	3	66	400	-	-	6	137	399	-	-	
Ida .....	9	207	1,100	-	-	16	592	5,414	-	-	
Iowa .....	14	485	2,093	-	-	20	915	9,300	-	-	
Jackson .....	75	4,540	37,318	-	-	104	5,313	38,533	-	-	
Jasper .....	17	680	6,784	-	-	21	764	5,250	-	-	
Jefferson .....	14	331	2,366	-	-	23	703	3,413	-	-	
Johnson .....	63	1,780	15,841	-	-	77	2,176	13,436	-	-	
Jones .....	34	1,291	10,444	-	-	43	2,156	14,240	-	-	
Keokuk .....	8	210	820	-	-	7	397	2,552	-	-	
Kossuth .....	8	302	2,800	-	-	8	193	1,439	-	-	
Lee .....	22	1,278	8,541	-	-	37	1,397	8,667	-	-	
Linn .....	25	862	5,422	-	-	37	1,272	7,880	-	-	
Louisa .....	7	239	1,327	-	-	9	231	1,723	-	-	
Lucas .....	6	235	874	-	-	13	566	2,248	-	-	
Lyon .....	32	1,432	9,868	-	-	45	1,315	10,043	-	-	
Madison .....	10	341	2,113	-	-	22	828	5,400	-	-	
Mahaska .....	37	1,241	8,306	-	-	46	1,597	12,035	-	-	
Marion .....	18	598	3,888	-	-	19	1,074	5,396	-	-	
Marshall .....	7	219	1,465	-	-	7	364	1,859	-	-	
Mills .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	
Mitchell .....	31	1,107	8,793	-	-	36	1,333	7,102	-	-	
Monona .....	4	80	176	-	-	12	205	561	-	-	
Monroe .....	15	571	3,537	-	-	18	631	2,934	-	-	
Montgomery .....	3	232	1,855	-	-	8	215	741	-	-	
Muscatine .....	10	370	3,076	-	-	15	727	6,479	-	-	
O'Brien .....	10	331	1,351	-	-	17	233	1,305	-	-	
Osceola .....	13	834	5,080	-	-	22	539	4,030	-	-	
Page .....	13	545	2,248	-	-	17	594	4,176	-	-	
Palo Alto .....	10	246	970	-	-	6	191	1,705	-	-	
Plymouth .....	11	501	3,451	-	-	22	632	4,006	-	-	
Pocahontas .....	9	204	1,704	-	-	3	32	71	-	-	
Pottawattamie .....	15	508	3,115	-	-	13	298	1,499	-	-	
Poweshiek .....	15	516	3,071	-	-	19	1,061	4,527	-	-	
Ringgold .....	8	325	1,589	-	-	8	695	3,402	-	-	
Sac .....	9	522	4,819	-	-	15	495	4,220	-	-	
Scott .....	12	457	3,297	-	-	25	555	(D)	-	-	
Shelby .....	10	267	1,047	-	-	10	(D)	(D)	-	-	
Sioux .....	53	3,644	29,754	2	(D)	61	2,533	18,869	-	-	
Tama .....	9	449	2,328	-	-	15	693	2,257	-	-	
Taylor .....	7	338	1,795	-	-	4	245	814	-	-	
Union .....	8	153	738	-	-	14	903	2,040	-	-	
Van Buren .....	13	829	4,090	-	-	24	641	4,404	-	-	
Wapello .....	12	608	2,832	-	-	14	523	3,380	-	-	
Warren .....	13	466	2,594	-	-	12	400	3,737	-	-	
Washington .....	51	1,320	9,691	-	-	36	771	5,173	-	-	
Wayne .....	9	458	964	-	-	12	677	2,811	-	-	
Webster .....	8	237	1,812	-	-	10	227	1,988	-	-	
Winneshiek .....	3	201	826	-	-	7	157	715	-	-	
Winneshiek .....	133	8,442	60,613	-	-	187	8,378	49,615	-	-	
Woodbury .....	8	502	5,066	-	-	15	689	2,707	-	-	
Worth .....	6	216	832	-	-	3	65	181	-	-	
Wright .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	

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Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>HAYLAGE OR GREENCHOP FROM ALFALFA OR ALFALFA MIXTURES (TONS, GREEN)</b>										
<b>State Total</b>										
Iowa .....	1,798	96,148	688,470	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Adair .....	7	327	938	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Adams .....	3	140	602	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Allamakee .....	98	8,528	52,193	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Appanoose .....	9	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Audubon .....	8	488	3,239	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton .....	14	861	7,399	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Black Hawk .....	11	611	3,489	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone .....	3	134	1,734	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bremer .....	52	2,229	16,369	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan .....	23	833	4,326	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista .....	6	(D)	465	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Butler .....	10	318	1,474	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Calhoun .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll .....	10	199	689	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cass .....	6	310	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cedar .....	6	216	1,930	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo .....	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cherokee .....	12	367	1,764	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw .....	30	1,574	14,180	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clarke .....	6	219	621	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton .....	143	9,208	68,969	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton .....	26	1,590	11,708	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford .....	3	74	223	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dallas .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis .....	13	848	5,727	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Delaware .....	120	6,116	49,021	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Des Moines .....	7	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dickinson .....	4	163	779	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque .....	225	14,842	115,324	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette .....	70	4,566	32,672	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Floyd .....	24	842	6,396	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin .....	5	199	1,728	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Greene .....	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Grundy .....	4	210	995	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie .....	5	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hamilton .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hancock .....	8	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hardin .....	6	320	1,191	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Henry .....	6	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard .....	29	1,069	7,792	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Humboldt .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida .....	5	126	629	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa .....	11	410	1,595	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson .....	69	4,372	35,587	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper .....	14	592	6,345	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jefferson .....	9	287	2,031	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson .....	60	1,603	14,570	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jones .....	25	1,016	8,662	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Keokuk .....	3	66	170	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth .....	6	176	1,440	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lee .....	19	1,050	6,791	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn .....	17	725	4,927	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Louisa .....	4	162	882	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lucas .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon .....	27	1,293	8,910	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Madison .....	6	246	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mahaska .....	31	997	6,486	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marion .....	14	523	3,208	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marshall .....	4	89	525	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mills .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell .....	24	960	8,113	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monona .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe .....	11	494	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Montgomery .....	3	232	1,855	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine .....	6	208	1,890	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien .....	8	307	1,214	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Osceola .....	12	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page .....	9	444	1,624	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Palo Alto .....	6	200	798	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	10	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pocahontas .....	6	154	1,141	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pottawattamie .....	9	362	2,457	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Poweshiek .....	10	396	2,298	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold .....	6	250	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sac .....	7	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Scott .....	10	311	2,085	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby .....	5	166	779	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux .....	47	3,420	28,484	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Tama .....	8	409	2,100	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor .....	4	280	1,475	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union .....	3	85	476	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	13	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wapello .....	7	415	2,455	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>HAYLAGE OR GREENCHOP FROM ALFALFA OR ALFALFA MIXTURES (TONS, GREEN) - Con.</b>										
<b>Counties - Con.</b>										
Warren	11	(D)	2,379	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington	47	1,189	8,928	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wayne	8	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Webster	6	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winnebago	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek	125	7,636	55,362	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury	6	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Worth	6	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wright	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>OTHER HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN)</b>										
<b>State Total</b>										
Iowa	505	12,653	91,368	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Adair	3	39	158	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Adams	4	56	92	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Allamakee	14	383	2,187	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Appanoose	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Audubon	5	183	469	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton	5	148	1,199	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Black Hawk	5	122	568	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bremer	10	186	2,036	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	11	231	1,134	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista	3	(D)	278	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Butler	6	51	150	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Calhoun	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll	4	51	138	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cass	3	149	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cherokee	7	174	368	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw	9	134	1,110	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clarke	4	128	140	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay	6	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	23	992	7,523	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton	7	250	4,192	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford	4	43	240	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dallas	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis	12	356	2,366	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Delaware	15	515	4,078	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Des Moines	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	26	1,053	11,646	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette	11	411	3,735	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Floyd	4	36	230	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin	3	88	1,224	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fremont	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Greene	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hamilton	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hancock	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hardin	3	61	212	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Henry	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard	5	84	860	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Humboldt	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida	4	81	471	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	4	75	498	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	11	168	1,731	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper	7	88	439	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jefferson	5	44	335	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	9	177	1,271	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jones	10	275	1,782	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Keokuk	5	144	650	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth	4	126	1,360	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lee	8	228	1,750	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn	9	137	495	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Louisa	3	77	445	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lucas	5	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon	7	139	958	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Madison	5	95	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mahaska	13	244	1,820	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marion	5	75	680	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marshall	3	130	940	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mills	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	8	147	680	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monona	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe	5	77	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine	5	162	1,186	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien	3	24	137	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Osceola	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page	6	101	624	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Palo Alto	4	46	172	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pocahontas	5	50	563	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pottawattamie	8	146	658	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

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Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>OTHER HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN) - Con.</b>										
<b>Counties - Con.</b>										
Poweshiek .....	7	120	773	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold .....	3	75	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sac .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Scott .....	4	146	1,212	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby .....	6	101	268	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux .....	13	224	1,270	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama .....	3	40	228	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor .....	3	58	320	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union .....	7	68	262	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wapello .....	5	193	377	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren .....	3	(D)	215	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington .....	8	131	763	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wayne .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Webster .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	27	806	5,251	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury .....	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Worth .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wright .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>FORAGE - LAND USED FOR ALL HAY AND ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, DRY EQUIVALENT) (SEE TEXT)</b>										
<b>State Total</b>										
Iowa .....	33,406	1,533,027	5,177,896	28	1,424	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Adair .....	455	31,803	110,972	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Adams .....	257	15,835	49,135	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Allamakee .....	527	43,650	163,949	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Appanoose .....	502	40,652	104,619	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Audubon .....	230	10,321	32,426	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton .....	443	14,304	54,185	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Black Hawk .....	224	5,659	21,398	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone .....	269	7,187	25,797	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bremer .....	308	9,953	37,541	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan .....	364	10,184	36,378	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista .....	169	3,904	13,245	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Butler .....	316	7,812	25,539	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Calhoun .....	157	2,815	9,711	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll .....	337	9,869	38,489	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cass .....	359	18,230	53,622	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cedar .....	347	11,373	45,378	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo .....	185	3,685	11,388	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cherokee .....	331	9,632	34,876	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw .....	344	12,248	46,274	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clarke .....	439	32,564	88,688	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay .....	178	7,519	24,103	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton .....	765	47,335	205,207	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton .....	443	15,577	61,530	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford .....	428	17,036	63,829	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dallas .....	300	8,461	26,006	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis .....	617	43,404	118,372	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur .....	439	36,336	87,167	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Delaware .....	551	26,485	117,367	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Des Moines .....	174	4,787	18,177	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dickinson .....	131	5,571	17,006	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque .....	846	52,217	237,148	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Emmet .....	121	3,254	9,404	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette .....	497	26,101	109,796	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Floyd .....	234	7,358	28,211	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin .....	183	4,883	15,596	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fremont .....	179	5,383	12,757	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Greene .....	205	6,237	19,887	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Grundy .....	141	3,403	14,483	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie .....	347	16,485	46,543	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hamilton .....	145	2,719	8,527	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hancock .....	151	3,724	14,424	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hardin .....	202	5,598	20,589	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison .....	278	10,269	31,278	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Henry .....	307	11,317	39,472	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard .....	289	12,916	47,797	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Humboldt .....	108	1,974	5,354	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida .....	211	8,027	31,254	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa .....	401	17,386	63,694	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson .....	715	41,454	163,646	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper .....	485	18,415	68,561	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Jefferson .....	328	15,386	39,658	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson .....	556	21,812	86,374	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jones .....	455	20,188	83,271	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Keokuk .....	334	14,192	50,734	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth .....	205	5,218	15,727	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Lee .....	396	16,199	48,382	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn .....	585	17,162	58,405	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Louisa .....	162	4,722	16,876	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Lucas .....	422	29,035	75,606	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>FORAGE - LAND USED FOR ALL HAY AND ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, DRY EQUIVALENT) (SEE TEXT) - Con.</b>										
<b>Counties - Con.</b>										
Lyon .....	384	11,896	42,516	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Madison .....	567	28,903	85,165	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mahaska .....	352	12,471	42,715	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marion .....	473	20,068	67,780	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marshall .....	249	7,605	27,326	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mills .....	173	5,960	13,528	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell .....	235	7,557	26,717	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monona .....	191	9,474	28,585	3	304	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe .....	457	35,198	101,374	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Montgomery .....	238	10,594	33,449	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine .....	275	8,511	36,174	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien .....	246	7,323	22,972	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Osceola .....	135	5,334	16,339	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page .....	407	17,953	46,822	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Palo Alto .....	135	3,487	11,869	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	462	16,154	57,609	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pocahontas .....	124	2,768	9,984	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Polk .....	236	9,034	25,765	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pottawattamie .....	481	16,632	55,693	3	3	(NA)	(NA)	(NA)	(NA)	(NA)
Poweshiek .....	420	22,970	86,037	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold .....	410	40,481	103,690	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sac .....	232	7,034	27,880	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Scott .....	220	6,604	26,580	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby .....	327	10,979	33,570	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux .....	414	15,876	66,585	9	598	(NA)	(NA)	(NA)	(NA)	(NA)
Story .....	242	6,447	23,004	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Tama .....	457	17,661	69,595	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor .....	371	22,131	65,745	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union .....	346	27,612	76,811	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	478	28,429	72,493	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wapello .....	403	18,251	47,007	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren .....	645	27,770	84,684	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington .....	387	13,600	51,390	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wayne .....	435	38,734	98,561	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Webster .....	155	3,704	12,454	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshago .....	99	2,386	7,466	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	810	47,840	200,868	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury .....	389	14,640	47,933	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Worth .....	161	3,762	11,531	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wright .....	108	1,969	5,802	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>CORN FOR SILAGE OR GREENCHOP (TONS)</b>										
<b>State Total</b>										
Iowa .....	6,909	247,269	4,726,816	13	514	8,533	244,913	4,057,679	10	342
<b>Counties</b>										
Adair .....	72	2,332	32,295	-	-	91	2,753	40,619	-	-
Adams .....	26	1,571	31,681	-	-	36	1,341	16,978	-	-
Allamakee .....	211	6,581	127,378	-	-	278	6,859	116,493	-	-
Appanoose .....	18	508	7,956	-	-	30	764	10,337	-	-
Audubon .....	36	1,444	19,798	-	-	46	1,346	18,987	-	-
Benton .....	80	3,174	65,837	-	-	87	1,984	32,508	-	-
Black Hawk .....	48	1,085	22,867	-	-	65	1,773	30,835	-	-
Boone .....	19	598	10,617	-	-	27	558	10,240	-	-
Bremer .....	80	2,155	41,627	-	-	116	2,493	45,466	-	-
Buchanan .....	80	2,094	41,024	-	-	147	3,412	68,593	-	-
Buena Vista .....	49	1,777	46,719	-	-	67	2,898	60,377	-	-
Butler .....	59	1,359	25,632	-	-	83	1,913	29,768	-	-
Calhoun .....	24	1,164	23,994	-	-	41	2,070	28,095	-	-
Carroll .....	83	3,693	53,513	-	-	80	2,657	39,648	-	-
Cass .....	69	2,544	39,510	2	(D)	80	1,676	23,922	-	-
Cedar .....	54	1,132	21,346	-	-	82	1,543	22,048	-	-
Cerro Gordo .....	35	739	11,500	-	-	42	1,052	18,203	-	-
Cherokee .....	123	4,535	83,791	-	-	124	4,830	83,396	-	-
Chickasaw .....	128	4,589	88,345	-	-	182	5,387	92,441	-	-
Clarke .....	35	972	13,398	-	-	54	1,701	19,990	-	-
Clay .....	61	2,908	54,925	-	-	58	2,145	35,348	-	-
Clayton .....	283	8,431	155,320	-	-	344	7,441	120,935	-	-
Clinton .....	110	4,285	92,014	-	-	126	3,951	64,562	-	-
Crawford .....	86	2,677	59,170	-	-	92	2,287	36,820	-	-
Dallas .....	33	1,263	26,690	-	-	35	859	14,441	-	-
Davis .....	58	2,183	41,163	-	-	73	1,180	19,584	-	-
Decatur .....	26	1,342	11,583	-	-	35	1,201	15,432	-	-
Delaware .....	273	7,802	153,485	-	-	333	9,010	162,515	-	-
Des Moines .....	29	518	9,529	-	-	50	884	14,608	-	-
Dickinson .....	37	3,349	54,299	-	-	49	2,891	46,749	-	-
Dubuque .....	295	8,261	151,242	-	-	387	9,648	159,320	-	-
Emmet .....	46	1,264	18,109	-	-	52	1,795	31,959	-	-
Fayette .....	199	6,833	138,420	1	(D)	269	7,949	144,703	-	-
Floyd .....	68	2,231	38,502	-	-	79	2,462	46,181	-	-
Franklin .....	38	1,632	36,376	-	-	59	1,555	23,790	-	-
Freemont .....	17	852	9,233	-	-	12	514	9,770	-	-
Greene .....	21	443	7,100	-	-	31	1,096	18,117	2	(D)
Grundy .....	32	1,351	43,200	-	-	34	831	14,364	-	-
Guthrie .....	47	1,329	21,476	-	-	51	1,010	13,549	-	-
Hamilton .....	11	754	21,482	-	-	11	324	5,964	-	-

--continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>CORN FOR SILAGE OR GREENCHOP (TONS) - Con.</b>										
<b>Counties - Con.</b>										
Hancock	44	932	17,466	-	-	61	1,185	20,852	-	-
Hardin	35	818	14,061	-	-	39	1,220	18,989	-	-
Harrison	49	1,901	39,261	-	-	48	1,331	19,959	-	-
Henry	37	1,257	19,473	-	-	36	778	11,090	-	-
Howard	103	3,092	56,719	-	-	165	4,216	69,068	-	-
Humboldt	29	1,405	25,848	-	-	35	878	15,600	-	-
Ida	52	2,585	48,383	-	-	77	2,386	36,009	-	-
Iowa	65	1,705	26,680	-	-	93	2,729	43,828	-	-
Jackson	127	3,859	65,469	-	-	183	4,971	76,162	2	(D)
Jasper	49	843	14,189	-	-	60	1,897	32,513	-	-
Jefferson	38	1,312	29,724	-	-	31	617	7,965	-	-
Johnson	113	2,068	54,377	-	-	125	2,219	36,897	-	-
Jones	108	2,909	69,804	-	-	145	3,752	62,543	-	-
Keokuk	54	1,680	35,200	-	-	47	945	16,444	-	-
Kossuth	87	2,965	59,387	-	-	104	3,114	54,205	-	-
Lee	57	1,678	33,430	-	-	74	2,079	46,931	1	(D)
Linn	93	2,308	43,714	-	-	135	2,770	48,505	-	-
Louisa	22	606	15,191	-	-	31	605	9,700	-	-
Lucas	33	1,033	13,013	-	-	33	699	10,941	-	-
Lyon	215	10,003	193,894	1	(D)	217	7,196	126,848	1	(D)
Madison	41	1,838	40,788	-	-	62	2,062	23,623	-	-
Mahaska	70	1,794	35,615	-	-	97	2,641	48,506	-	-
Marion	29	776	12,302	-	-	40	1,099	18,744	-	-
Marshall	36	1,603	42,430	-	-	46	1,412	26,323	-	-
Mills	13	302	2,680	-	-	11	291	4,552	-	-
Mitchell	125	4,749	80,326	-	-	163	6,670	111,392	-	-
Monona	59	1,953	33,123	1	(D)	66	2,145	30,092	-	-
Monroe	35	1,660	27,525	-	-	43	1,158	22,897	-	-
Montgomery	30	1,118	14,055	-	-	26	739	11,510	-	-
Muscatine	43	2,102	45,674	1	(D)	58	2,121	38,230	-	-
O'Brien	90	4,362	82,638	-	-	92	2,448	40,172	-	-
Osceola	59	4,372	90,095	2	(D)	75	3,416	55,143	-	-
Page	53	1,950	19,545	-	-	43	1,067	18,664	-	-
Palo Alto	49	1,894	30,623	-	-	62	1,956	32,443	1	(D)
Plymouth	136	6,918	135,549	-	-	148	5,658	79,512	1	(D)
Pocahontas	24	657	12,579	-	-	33	659	11,705	-	-
Polk	14	487	10,675	-	-	20	592	8,779	-	-
Pottawattamie	88	3,177	41,271	-	-	89	2,595	39,446	-	-
Poweshiek	49	1,307	22,709	-	-	59	1,739	32,411	-	-
Ringgold	31	1,193	18,634	-	-	41	1,207	17,651	-	-
Sac	55	2,364	41,125	-	-	66	2,609	47,940	-	-
Scott	50	1,986	56,933	-	-	61	1,524	25,231	-	-
Shelby	55	1,573	31,331	-	-	64	1,085	19,126	-	-
Sioux	271	19,683	402,477	5	76	297	15,222	250,128	2	(D)
Story	29	808	12,369	-	-	39	1,504	24,952	-	-
Tama	55	1,348	37,836	-	-	69	1,512	25,534	-	-
Taylor	27	1,147	15,879	-	-	25	632	7,792	-	-
Union	34	845	12,254	-	-	36	885	10,759	-	-
Van Buren	53	1,954	32,271	-	-	49	997	21,589	-	-
Wapello	19	370	4,922	-	-	21	555	9,618	-	-
Warren	54	1,518	26,729	-	-	69	1,450	22,714	-	-
Washington	73	1,132	20,436	-	-	79	1,401	22,784	-	-
Wayne	42	796	11,047	-	-	35	1,029	10,823	-	-
Webster	29	1,527	62,819	-	-	37	981	17,544	-	-
Winneshiek	19	776	13,173	-	-	37	1,134	18,124	-	-
Winneshiek	356	12,158	218,552	-	-	418	11,227	189,090	-	-
Woodbury	66	3,501	82,786	-	-	124	4,391	69,744	-	-
Worth	28	642	14,445	-	-	46	952	14,734	-	-
Wright	11	216	3,167	-	-	10	518	5,054	-	-
<b>SORGHUM FOR SILAGE OR GREENCHOP (TONS)</b>										
<b>State Total</b>										
Iowa	90	1,868	24,993	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Adair	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Adams	3	192	3,212	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Audubon	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cass	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cedar	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cherokee	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw	3	65	1,117	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clarke	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton	3	25	400	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Des Moines	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dickinson	3	26	150	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Emmet	4	25	427	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Floyd	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hardin	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Henry	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

--continued

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>SORGHUM FOR SILAGE OR GREENCHOP (TONS) - Con.</b>										
<b>Counties - Con.</b>										
Howard	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	3	42	315	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jefferson	3	20	372	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jones	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn	6	48	705	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon	5	152	2,940	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Madison	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monona	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Pottawattamie	3	105	820	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Scott	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Story	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor	2	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union	3	26	106	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wapello	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Webster	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Worth	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

**Table 27. Other Field and Forage Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>AMARANTH (POUNDS)</b>										
<b>State Total</b>										
Iowa	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Delaware	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>SORGHUM FOR SYRUP (POUNDS)</b>										
<b>State Total</b>										
Iowa	4	(D)	5,900	-	-	5	(D)	56,880	-	-
<b>Counties</b>										
Howard	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Worth	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>OTHER CROPS (SEE TEXT)</b>										
<b>State Total</b>										
Iowa	13	376	(X)	-	-	24	555	(X)	-	-
<b>Counties</b>										
Greene	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Harrison	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Jasper	2	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Johnson	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Mahaska	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Marshall	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Muscatine	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Sac	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Shelby	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Story	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
Webster	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)

**Table 28. Land Used For Vegetables and Vegetables Harvested For Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Land used for vegetables (see text)				Vegetables harvested (see text) (acres)	Land used for vegetables (see text)				Vegetables harvested (see text) (acres)
	Harvested		Irrigated			Harvested		Irrigated		
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres	
<b>STATE TOTAL</b>										
Iowa .....	752	9,268	117	1,197	9,435	824	12,961	121	1,617	12,998
<b>COUNTIES</b>										
Adair .....	3	3	-	-	3	(NA)	(NA)	(NA)	(NA)	(NA)
Adams .....	4	(D)	2	(D)	(D)	4	4	-	-	4
Allamakee .....	8	42	-	-	42	4	26	-	-	26
Appanoose .....	2	(D)	-	-	(D)	5	8	-	-	11
Audubon .....	2	(D)	-	-	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Benton .....	16	82	1	(D)	84	13	38	2	(D)	45
Black Hawk .....	21	203	8	41	206	22	296	8	191	297
Boone .....	10	123	4	23	131	7	55	2	(D)	55
Bremer .....	4	8	-	-	8	6	(D)	3	(D)	(D)
Buchanan .....	11	(D)	1	(D)	(D)	13	512	2	(D)	512
Butler .....	5	7	1	(D)	7	14	535	-	-	535
Calhoun .....	4	2	-	-	2	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll .....	3	13	-	-	13	6	34	-	-	33
Cass .....	5	5	-	-	6	6	6	-	-	6
Cedar .....	11	42	1	(D)	42	10	97	2	(D)	97
Cerro Gordo .....	12	362	2	(D)	362	6	442	-	-	442
Cherokee .....	2	(D)	-	-	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw .....	7	9	-	-	9	(NA)	(NA)	(NA)	(NA)	(NA)
Clarke .....	6	23	2	(D)	23	5	(D)	-	-	(D)
Clay .....	3	(D)	1	(D)	5	8	17	1	(D)	18
Clayton .....	2	(D)	-	-	(D)	5	3	-	-	3
Clinton .....	9	14	-	-	14	12	40	3	(D)	40
Crawford .....	1	(D)	-	-	(D)	4	(D)	-	-	(D)
Dallas .....	19	145	7	23	145	20	197	4	16	196
Davis .....	9	12	5	2	14	6	9	1	(D)	8
Decatur .....	4	52	-	-	53	3	23	-	-	23
Delaware .....	7	20	-	-	20	3	(D)	-	-	(D)
Des Moines .....	7	44	2	(D)	44	7	148	1	(D)	151
Dickinson .....	1	(D)	-	-	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque .....	15	83	3	7	84	14	35	1	(D)	35
Emmet .....	2	(D)	-	-	(D)	3	(D)	-	-	4
Fayette .....	12	58	1	(D)	58	6	124	-	-	124
Floyd .....	1	(D)	1	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin .....	7	(D)	-	-	(D)	24	1,620	-	-	1,621
Fremont .....	6	24	-	-	26	8	27	-	-	28
Grundy .....	3	5	-	-	5	9	266	-	-	266
Guthrie .....	1	(D)	-	-	(D)	4	12	-	-	12
Hamilton .....	7	26	-	-	26	4	19	1	(D)	19
Hancock .....	2	(D)	1	(D)	(D)	9	9	-	-	11
Hardin .....	9	(D)	2	(D)	(D)	20	1,952	-	-	1,951
Harrison .....	9	73	2	(D)	74	10	85	3	25	86
Henry .....	7	19	2	(D)	19	(NA)	(NA)	(NA)	(NA)	(NA)
Howard .....	10	14	-	-	14	4	28	-	-	28
Humboldt .....	3	9	-	-	9	3	6	-	-	6
Ida .....	1	(D)	-	-	(D)	3	16	-	-	16
Iowa .....	9	133	4	62	133	11	87	1	(D)	87
Jackson .....	11	67	1	(D)	67	8	39	-	-	39
Jasper .....	12	33	1	(D)	33	12	44	-	-	45
Jefferson .....	5	15	-	-	16	9	21	2	(D)	22
Johnson .....	24	92	2	(D)	94	28	48	9	9	49
Jones .....	3	8	-	-	8	5	(D)	-	-	(D)
Keokuk .....	5	13	-	-	13	3	7	-	-	9
Kossuth .....	19	2,099	-	-	2,099	20	1,150	-	-	1,150
Lee .....	8	44	-	-	44	9	62	6	40	63
Linn .....	29	386	5	(D)	387	34	435	4	87	434
Louisia .....	9	711	6	293	711	6	92	5	58	92
Lucas .....	12	251	-	-	251	5	26	-	-	26
Lyon .....	3	32	-	-	71	(NA)	(NA)	(NA)	(NA)	(NA)
Madison .....	8	43	2	(D)	43	11	32	1	(D)	30
Mahaska .....	4	42	1	(D)	42	8	96	2	(D)	96
Marion .....	7	60	-	-	60	10	32	1	(D)	32
Marshall .....	12	86	1	(D)	87	9	41	2	(D)	41
Mills .....	6	15	-	-	15	4	(D)	1	(D)	(D)
Mitchell .....	16	206	3	(D)	207	24	538	1	(D)	538
Monona .....	5	80	-	-	80	3	10	1	(D)	10
Monroe .....	2	(D)	1	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine .....	16	361	6	147	365	29	779	21	626	779
O'Brien .....	4	5	1	(D)	5	5	(D)	-	-	(D)
Page .....	5	3	-	-	3	3	6	-	-	6
Palo Alto .....	8	211	2	(D)	273	8	(D)	1	(D)	(D)
Plymouth .....	4	9	1	(D)	9	5	53	-	-	53
Polk .....	17	158	3	(D)	159	19	213	3	3	213
Pottawattamie .....	11	87	2	(D)	89	20	236	2	(D)	239
Poweshiek .....	7	9	1	(D)	9	7	13	-	-	13
Ringgold .....	6	20	3	8	21	5	32	2	(D)	30
Sac .....	2	(D)	-	-	(D)	5	(D)	1	(D)	(D)
Scott .....	13	70	-	-	73	13	70	1	(D)	70
Shelby .....	3	13	1	(D)	16	5	17	-	-	15
Sioux .....	11	62	-	-	63	9	34	2	(D)	34
Story .....	18	83	5	6	83	14	72	5	4	71
Tama .....	9	21	-	-	22	17	35	1	(D)	37
Taylor .....	5	13	2	(D)	13	6	10	-	-	10
Van Buren .....	12	13	1	(D)	13	7	10	-	-	9
Wapello .....	7	10	2	(D)	10	6	13	-	-	13
Warren .....	22	102	4	13	104	18	92	2	(D)	92
Washington .....	19	22	2	(D)	22	10	20	-	-	18
Wayne .....	1	(D)	-	-	(D)	3	(D)	-	-	(D)
Webster .....	12	100	1	(D)	102	14	106	4	(D)	124

--continued

**Table 28. Land Used For Vegetables and Vegetables Harvested For Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Land used for vegetables (see text)				Vegetables harvested (see text) (acres)	Land used for vegetables (see text)				Vegetables harvested (see text) (acres)
	Harvested		Irrigated			Harvested		Irrigated		
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres	
<b>COUNTIES - Con.</b>										
Winnebago .....	5	240	-	-	240	17	351	-	-	354
Winneshiek .....	15	40	1	(D)	40	7	15	1	(D)	15
Woodbury .....	8	682	-	-	682	11	31	3	1	30
Worth .....	6	97	1	(D)	97	7	397	-	-	397
Wright .....	1	(D)	-	-	(D)	3	(D)	-	-	(D)



**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>VEGETABLES HARVESTED FOR SALE (SEE TEXT)</b>						
<b>State Total</b>						
Iowa .....	752	9,435	86	3,024	824	12,998
<b>Counties</b>						
Adair .....	3	3	-	-	(NA)	(NA)
Adams .....	4	(D)	-	-	4	4
Allamakee .....	8	42	-	-	4	26
Appanoose .....	2	(D)	-	-	5	11
Audubon .....	2	(D)	-	-	(NA)	(NA)
Benton .....	16	84	3	(D)	13	45
Black Hawk .....	21	206	1	(D)	22	297
Boone .....	10	131	2	(D)	7	55
Bremer .....	4	8	1	(D)	6	(D)
Buchanan .....	11	(D)	4	(D)	13	512
Butler .....	5	7	-	-	14	535
Calhoun .....	4	2	1	(D)	(NA)	(NA)
Carroll .....	3	13	1	(D)	6	33
Cass .....	5	6	1	(D)	6	6
Cedar .....	11	42	1	(D)	10	97
Cerro Gordo .....	12	362	3	(D)	6	442
Cherokee .....	2	(D)	-	-	(NA)	(NA)
Chickasaw .....	7	9	-	-	(NA)	(NA)
Clarke .....	6	23	-	-	5	(D)
Clay .....	3	5	-	-	8	18
Clayton .....	2	(D)	1	(D)	5	3
Clinton .....	9	14	1	(D)	12	40
Crawford .....	1	(D)	-	-	4	(D)
Dallas .....	19	145	1	(D)	20	196
Davis .....	9	14	4	6	6	8
Decatur .....	4	53	2	(D)	3	23
Delaware .....	7	20	-	-	3	(D)
Des Moines .....	7	44	2	(D)	7	151
Dickinson .....	1	(D)	-	-	(NA)	(NA)
Dubuque .....	15	84	-	-	14	35
Emmet .....	2	(D)	-	-	3	4
Fayette .....	12	58	2	(D)	6	124
Floyd .....	1	(D)	-	-	(NA)	(NA)
Franklin .....	7	(D)	-	-	24	1,621
Fremont .....	6	26	-	-	8	28
Grundy .....	3	5	-	-	9	266
Guthrie .....	1	(D)	-	-	4	12
Hamilton .....	7	26	-	-	4	19
Hancock .....	2	(D)	-	-	9	11
Hardin .....	9	(D)	2	(D)	20	1,951
Harrison .....	9	74	-	-	10	86
Henry .....	7	19	-	-	(NA)	(NA)
Howard .....	10	14	3	2	4	28
Humboldt .....	3	9	-	-	3	6
Ida .....	1	(D)	-	-	3	16
Iowa .....	9	133	1	(D)	11	87
Jackson .....	11	67	-	-	8	39
Jasper .....	12	33	-	-	12	45
Jefferson .....	5	16	-	-	9	22
Johnson .....	24	94	2	(D)	28	49
Jones .....	3	8	2	(D)	5	(D)
Keokuk .....	5	13	-	-	3	9
Kossuth .....	19	2,099	9	1,303	20	1,150
Lee .....	8	44	-	-	9	63
Linn .....	29	387	1	(D)	34	434
Louisa .....	9	711	-	-	6	92
Lucas .....	12	251	2	(D)	5	26
Lyon .....	3	71	1	(D)	(NA)	(NA)
Madison .....	8	43	3	(D)	11	30
Mahaska .....	4	42	-	-	8	96
Marion .....	7	60	1	(D)	10	32
Marshall .....	12	87	-	-	9	41
Mills .....	6	15	-	-	4	(D)
Mitchell .....	19	207	2	(D)	20	538
Monona .....	5	80	-	-	3	(D)
Monroe .....	2	(D)	1	(D)	(NA)	(NA)
Muscatine .....	16	365	2	(D)	29	779
O'Brien .....	4	5	-	-	5	(D)
Page .....	5	3	-	-	3	6
Palo Alto .....	8	273	-	-	8	(D)
Plymouth .....	4	9	-	-	5	53
Polk .....	17	159	-	-	19	213
Pottawattamie .....	11	89	2	(D)	20	239
Poweshiek .....	7	9	-	-	7	13
Ringgold .....	6	21	2	(D)	5	30
Sac .....	2	(D)	-	-	5	(D)
Scott .....	13	73	1	(D)	13	70
Shelby .....	3	16	-	-	5	15
Sioux .....	11	63	-	-	9	34
Story .....	18	83	-	-	14	71
Tama .....	9	22	1	(D)	17	37
Taylor .....	5	13	-	-	6	10
Van Buren .....	12	13	1	(D)	7	9
Wapello .....	7	10	2	(D)	6	13
Warren .....	22	104	4	22	18	92
Washington .....	19	22	1	(D)	10	18
Wayne .....	1	(D)	1	(D)	3	(D)

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>VEGETABLES HARVESTED FOR SALE</b>						
<b>(SEE TEXT) - Con.</b>						
<b>Counties - Con.</b>						
Webster .....	12	102	1	(D)	14	124
Winnebago .....	5	240	2	(D)	17	354
Winneshiek .....	15	40	1	(D)	7	15
Woodbury .....	8	682	4	643	11	30
Worth .....	6	97	-	-	7	397
Wright .....	1	(D)	-	-	3	(D)
<b>ASPARAGUS</b>						
<b>State Total</b>						
Iowa .....	80	129	6	11	90	113
<b>Counties</b>						
Adair .....	1	(D)	-	-	(NA)	(NA)
Benton .....	3	(D)	-	-	(NA)	(NA)
Black Hawk .....	3	6	-	-	6	14
Boone .....	2	(D)	-	-	(NA)	(NA)
Bremer .....	1	(D)	-	-	(NA)	(NA)
Buchanan .....	2	(D)	-	-	4	(D)
Calhoun .....	2	(D)	-	-	(NA)	(NA)
Cass .....	2	(D)	-	-	(NA)	(NA)
Cedar .....	1	(D)	-	-	(NA)	(NA)
Clinton .....	1	(D)	-	-	(NA)	(NA)
Decatur .....	1	(D)	-	-	(NA)	(NA)
Des Moines .....	2	(D)	-	-	(NA)	(NA)
Dubuque .....	2	(D)	-	-	4	3
Fayette .....	3	4	-	-	(NA)	(NA)
Floyd .....	1	(D)	-	-	(NA)	(NA)
Franklin .....	1	(D)	-	-	(NA)	(NA)
Grundy .....	1	(D)	-	-	(NA)	(NA)
Hamilton .....	2	(D)	-	-	(NA)	(NA)
Henry .....	1	(D)	-	-	(NA)	(NA)
Iowa .....	2	(D)	-	-	(NA)	(NA)
Johnson .....	4	12	-	-	6	7
Jones .....	1	(D)	1	(D)	(NA)	(NA)
Keokuk .....	1	(D)	-	-	(NA)	(NA)
Linn .....	7	12	1	(D)	6	6
Lyon .....	2	(D)	-	-	(NA)	(NA)
Madison .....	2	(D)	-	-	(NA)	(NA)
Mahaska .....	1	(D)	-	-	(NA)	(NA)
Marion .....	1	(D)	-	-	(NA)	(NA)
Marshall .....	1	(D)	-	-	(NA)	(NA)
Mitchell .....	4	1	-	-	(NA)	(NA)
Muscatine .....	4	3	-	-	(NA)	(NA)
O'Brien .....	1	(D)	-	-	(NA)	(NA)
Plymouth .....	1	(D)	-	-	(NA)	(NA)
Polk .....	2	(D)	-	-	3	(NA)
Scott .....	2	(D)	1	(D)	3	(D)
Story .....	3	(D)	-	-	4	13
Tama .....	1	(D)	-	-	(NA)	(NA)
Van Buren .....	1	(D)	-	-	(NA)	(NA)
Warren .....	2	(D)	1	(D)	(NA)	(NA)
Webster .....	1	(D)	-	-	(NA)	(NA)
Winneshiek .....	2	(D)	-	-	(NA)	(NA)
Woodbury .....	2	(D)	2	(D)	(NA)	(NA)
<b>GREEN LIMA BEANS</b>						
<b>State Total</b>						
Iowa .....	1	(D)	-	-	1	(D)
<b>Counties</b>						
Scott .....	1	(D)	-	-	(NA)	(NA)
<b>SNAP BEANS</b>						
<b>State Total</b>						
Iowa .....	176	511	15	262	134	192
<b>Counties</b>						
Adams .....	1	(D)	-	-	(NA)	(NA)
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Benton .....	8	9	1	(D)	3	2
Black Hawk .....	8	(D)	-	-	8	19
Boone .....	2	(D)	-	-	(NA)	(NA)
Bremer .....	1	(D)	-	-	(NA)	(NA)
Buchanan .....	2	(D)	2	(D)	(NA)	(NA)
Butler .....	1	(D)	-	-	(NA)	(NA)
Carroll .....	2	(D)	-	-	(NA)	(NA)
Cass .....	2	(D)	-	-	(NA)	(NA)
Cerro Gordo .....	1	(D)	-	-	(NA)	(NA)
Chickasaw .....	1	(D)	-	-	(NA)	(NA)
Clarke .....	1	(D)	-	-	(NA)	(NA)
Clay .....	2	(D)	-	-	(NA)	(NA)
Clayton .....	1	(D)	1	(D)	(NA)	(NA)

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>SNAP BEANS - Con.</b>						
<b>Counties - Con.</b>						
Davis	3	(Z)	-	-	(NA)	(NA)
Decatur	2	(D)	2	(D)	(NA)	(NA)
Delaware	1	(D)	-	-	(NA)	(NA)
Des Moines	3	28	2	(D)	(NA)	(NA)
Dubuque	7	3	-	-	9	10
Fayette	2	(D)	-	-	(NA)	(NA)
Franklin	1	(D)	-	-	(NA)	(NA)
Grundy	2	(D)	-	-	(NA)	(NA)
Hamilton	2	(D)	-	-	(NA)	(NA)
Hancock	1	(D)	-	-	(NA)	(NA)
Hardin	2	(D)	-	-	(NA)	(NA)
Harrison	3	1	-	-	(NA)	(NA)
Henry	3	(Z)	-	-	(NA)	(NA)
Howard	1	(D)	-	-	(NA)	(NA)
Ida	1	(D)	-	-	(NA)	(NA)
Iowa	2	(D)	-	-	(NA)	(NA)
Jackson	5	1	-	-	(NA)	(NA)
Jefferson	1	(D)	-	-	(NA)	(NA)
Johnson	6	11	2	(D)	5	1
Jones	1	(D)	-	-	(NA)	(NA)
Keokuk	1	(D)	-	-	(NA)	(NA)
Kossuth	1	(D)	1	(D)	(NA)	(NA)
Lee	3	2	-	-	3	2
Linn	14	15	-	-	7	13
Louisia	1	(D)	-	-	(NA)	(NA)
Lyon	2	(D)	-	-	(NA)	(NA)
Madison	2	(D)	-	-	(NA)	(NA)
Mahaska	3	(D)	-	-	3	(D)
Marion	1	(D)	-	-	3	2
Marshall	4	3	-	-	(NA)	(NA)
Mills	1	(D)	-	-	(NA)	(NA)
Mitchell	4	1	-	-	(NA)	(NA)
Monona	2	(D)	-	-	(NA)	(NA)
Monroe	1	(D)	-	-	(NA)	(NA)
Muscatine	3	5	-	-	3	(D)
O'Brien	1	(D)	-	-	(NA)	(NA)
Page	1	(D)	-	-	(NA)	(NA)
Palo Alto	1	(D)	-	-	(NA)	(NA)
Plymouth	1	(D)	-	-	(NA)	(NA)
Polk	2	(D)	-	-	6	13
Pottawattamie	2	(D)	-	-	(NA)	(NA)
Ringgold	1	(D)	-	-	(NA)	(NA)
Sac	1	(D)	-	-	(NA)	(NA)
Scott	4	1	-	-	(NA)	(NA)
Shelby	1	(D)	-	-	(NA)	(NA)
Sioux	3	(Z)	-	-	(NA)	(NA)
Story	6	1	-	-	(NA)	(NA)
Tama	2	(D)	-	-	(NA)	(NA)
Taylor	2	(D)	-	-	(NA)	(NA)
Van Buren	2	(D)	-	-	(NA)	(NA)
Wapello	4	1	2	(D)	(NA)	(NA)
Warren	7	6	2	(D)	6	4
Washington	1	(D)	-	-	(NA)	(NA)
Webster	2	(D)	-	-	6	(D)
Winnebago	2	(D)	-	-	(NA)	(NA)
Winneshiek	3	1	-	-	(NA)	(NA)
Worth	1	(D)	-	-	(NA)	(NA)
<b>BEETS</b>						
<b>State Total</b>						
Iowa	33	8	-	-	35	12
<b>Counties</b>						
Allamakee	2	(D)	-	-	(NA)	(NA)
Benton	1	(D)	-	-	(NA)	(NA)
Black Hawk	1	(D)	-	-	3	1
Bremer	1	(D)	-	-	(NA)	(NA)
Cass	2	(D)	-	-	(NA)	(NA)
Clinton	1	(D)	-	-	(NA)	(NA)
Dallas	3	(D)	-	-	(NA)	(NA)
Grundy	2	(D)	-	-	(NA)	(NA)
Harrison	1	(D)	-	-	(NA)	(NA)
Howard	1	(D)	-	-	(NA)	(NA)
Jefferson	1	(D)	-	-	(NA)	(NA)
Lee	1	(D)	-	-	3	2
Linn	2	(D)	-	-	(NA)	(NA)
Lyon	2	(D)	-	-	(NA)	(NA)
Marshall	1	(D)	-	-	(NA)	(NA)
Palo Alto	1	(D)	-	-	(NA)	(NA)
Polk	1	(D)	-	-	(NA)	(NA)
Pottawattamie	1	(D)	-	-	(NA)	(NA)
Scott	1	(D)	-	-	(NA)	(NA)
Tama	2	(D)	-	-	(NA)	(NA)
Van Buren	1	(D)	-	-	(NA)	(NA)
Warren	1	(D)	-	-	(NA)	(NA)
Washington	1	(D)	-	-	(NA)	(NA)
Webster	1	(D)	-	-	4	1
Winneshiek	1	(D)	-	-	(NA)	(NA)

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**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>BROCCOLI</b>						
<b>State Total</b>						
Iowa .....	35	16	-	-	28	11
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Benton .....	3	2	-	-	(NA)	(NA)
Black Hawk .....	1	(D)	-	-	(NA)	(NA)
Boone .....	2	-	-	-	(NA)	(NA)
Cedar .....	1	(D)	-	-	(NA)	(NA)
Decatur .....	2	-	-	-	(NA)	(NA)
Dubuque .....	1	(D)	-	-	(NA)	(NA)
Floyd .....	1	(D)	-	-	(NA)	(NA)
Grundy .....	1	(D)	-	-	(NA)	(NA)
Jefferson .....	2	(D)	-	-	(NA)	(NA)
Johnson .....	2	(D)	-	-	(NA)	(NA)
Linn .....	1	(D)	-	-	(NA)	(NA)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Mahaska .....	1	(D)	-	-	(NA)	(NA)
Mitchell .....	1	(D)	-	-	(NA)	(NA)
O'Brien .....	1	(D)	-	-	(NA)	(NA)
Polk .....	1	(D)	-	-	(NA)	(NA)
Pottawattamie .....	1	(D)	-	-	(NA)	(NA)
Scott .....	2	(D)	-	-	(NA)	(NA)
Story .....	1	(D)	-	-	(NA)	(NA)
Taylor .....	2	(D)	-	-	(NA)	(NA)
Van Buren .....	1	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
Webster .....	1	(D)	-	-	(NA)	(NA)
Winnebago .....	1	(D)	-	-	(NA)	(NA)
Winneshiek .....	1	(D)	-	-	(NA)	(NA)
<b>HEAD CABBAGE</b>						
<b>State Total</b>						
Iowa .....	66	223	1	(D)	83	403
<b>Counties</b>						
Adair .....	1	(D)	-	-	(NA)	(NA)
Adams .....	1	(NA)	-	-	(NA)	(NA)
Benton .....	3	(D)	-	-	3	(D)
Black Hawk .....	2	(D)	-	-	5	6
Boone .....	2	(D)	-	-	(NA)	(NA)
Bremer .....	1	(D)	-	-	(NA)	(NA)
Buchanan .....	1	(D)	1	(D)	(NA)	(NA)
Davis .....	1	(D)	-	-	(NA)	(NA)
Dubuque .....	1	(D)	-	-	(NA)	(NA)
Fayette .....	1	(D)	-	-	(NA)	(NA)
Hardin .....	2	(D)	-	-	(NA)	(NA)
Ida .....	1	(D)	-	-	(NA)	(NA)
Iowa .....	2	(D)	-	-	(NA)	(NA)
Jackson .....	4	1	-	-	(NA)	(NA)
Jefferson .....	1	(D)	-	-	(NA)	(NA)
Jones .....	1	(D)	-	-	(NA)	(NA)
Lee .....	1	(D)	-	-	(NA)	(NA)
Linn .....	3	7	-	-	4	(D)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Madison .....	1	(D)	-	-	(NA)	(NA)
Mahaska .....	1	(D)	-	-	(NA)	(NA)
Marion .....	1	(D)	-	-	(NA)	(NA)
Marshall .....	3	3	-	-	(NA)	(NA)
Mitchell .....	1	(D)	-	-	3	(D)
Monona .....	2	(D)	-	-	(NA)	(NA)
Monroe .....	1	(D)	-	-	(NA)	(NA)
Muscatine .....	1	(D)	-	-	4	(D)
Page .....	1	(D)	-	-	(NA)	(NA)
Polk .....	1	(D)	-	-	(NA)	(NA)
Pottawattamie .....	2	(D)	-	-	4	1
Scott .....	4	1	-	-	(NA)	(NA)
Story .....	2	(D)	-	-	(NA)	(NA)
Tama .....	2	(D)	-	-	3	1
Van Buren .....	2	(D)	-	-	(NA)	(NA)
Wapello .....	2	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
Washington .....	2	(D)	-	-	4	1
Webster .....	1	(D)	-	-	4	1
Winnebago .....	1	(D)	-	-	4	2
Winneshiek .....	3	2	-	-	(NA)	(NA)
<b>CANTALOUPS</b>						
<b>State Total</b>						
Iowa .....	75	251	-	-	100	355
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Appanoose .....	1	(D)	-	-	(NA)	(NA)
Audubon .....	1	(D)	-	-	(NA)	(NA)
Benton .....	1	(D)	-	-	(NA)	(NA)
Black Hawk .....	2	(D)	-	-	7	39

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>CANTALOUPS - Con.</b>						
<b>Counties - Con.</b>						
Boone .....	1	(D)	-	-	(NA)	(NA)
Bremer .....	1	(D)	-	-	(NA)	(NA)
Buchanan .....	1	(D)	-	-	4	4
Butler .....	2	(D)	-	-	(NA)	(NA)
Cass .....	1	(D)	-	-	(NA)	(NA)
Cedar .....	1	(D)	-	-	(NA)	(NA)
Cerro Gordo .....	1	(D)	-	-	(NA)	(NA)
Chickasaw .....	1	(D)	-	-	(NA)	(NA)
Clarke .....	2	(D)	-	-	(NA)	(NA)
Dallas .....	1	(D)	-	-	(NA)	(NA)
Dubuque .....	1	(D)	-	-	(NA)	(NA)
Hardin .....	1	(D)	-	-	(NA)	(NA)
Harrison .....	4	(D)	-	-	4	12
Henry .....	1	(D)	-	-	(NA)	(NA)
Ida .....	1	(D)	-	-	(NA)	(NA)
Jefferson .....	2	(D)	-	-	(NA)	(NA)
Johnson .....	2	(D)	-	-	(NA)	(NA)
Lee .....	3	8	-	-	5	7
Linn .....	2	(D)	-	-	6	6
Louisa .....	4	(D)	-	-	4	24
Lyon .....	2	(D)	-	-	(NA)	(NA)
Mitchell .....	3	3	-	-	(NA)	(NA)
Monona .....	2	(D)	-	-	(NA)	(NA)
Monroe .....	1	(D)	-	-	(NA)	(NA)
Muscatine .....	6	48	-	-	21	145
O'Brien .....	1	(D)	-	-	(NA)	(NA)
Palo Alto .....	1	(D)	-	-	(NA)	(NA)
Plymouth .....	1	(D)	-	-	(NA)	(NA)
Pottawattamie .....	3	1	-	-	3	1
Sac .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Shelby .....	1	(D)	-	-	(NA)	(NA)
Tama .....	3	9	-	-	3	4
Taylor .....	3	1	-	-	(NA)	(NA)
Van Buren .....	1	(D)	-	-	(NA)	(NA)
Wapello .....	2	(D)	-	-	(NA)	(NA)
Webster .....	2	(D)	-	-	3	1
Winnebago .....	1	(D)	-	-	(NA)	(NA)
Winneshiek .....	1	(D)	-	-	(NA)	(NA)
<b>CARROTS</b>						
<b>State Total</b>						
Iowa .....	22	(D)	1	(D)	29	386
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Black Hawk .....	1	(D)	-	-	(NA)	(NA)
Cass .....	2	(D)	-	-	(NA)	(NA)
Cerro Gordo .....	2	(D)	1	(D)	(NA)	(NA)
Dubuque .....	1	(D)	-	-	(NA)	(NA)
Grundy .....	1	(D)	-	-	(NA)	(NA)
Harrison .....	1	(D)	-	-	(NA)	(NA)
Ida .....	1	(D)	-	-	(NA)	(NA)
Jones .....	1	(D)	-	-	(NA)	(NA)
Linn .....	2	(D)	-	-	(NA)	(NA)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Mitchell .....	1	(D)	-	-	(NA)	(NA)
Page .....	1	(D)	-	-	(NA)	(NA)
Pottawattamie .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Story .....	1	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
Winneshiek .....	1	(D)	-	-	(NA)	(NA)
<b>CAULIFLOWER</b>						
<b>State Total</b>						
Iowa .....	6	4	-	-	11	3
<b>Counties</b>						
Dubuque .....	1	(D)	-	-	(NA)	(NA)
Jefferson .....	1	(D)	-	-	(NA)	(NA)
Linn .....	1	(D)	-	-	(NA)	(NA)
O'Brien .....	1	(D)	-	-	(NA)	(NA)
Taylor .....	2	(D)	-	-	(NA)	(NA)
<b>CELERY</b>						
<b>State Total</b>						
Iowa .....	1	(D)	-	-	(NA)	(NA)
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)

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**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>CHICORY</b>						
<b>State Total</b>						
Iowa .....	1	(D)	-	-	(NA)	(NA)
<b>Counties</b>						
Decatur .....	1	(D)	-	-	(NA)	(NA)
<b>COLLARDS</b>						
<b>State Total</b>						
Iowa .....	5	2	-	-	3	(D)
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Linn .....	1	(D)	-	-	(NA)	(NA)
Marion .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Story .....	1	(D)	-	-	(NA)	(NA)
<b>CUCUMBERS AND PICKLES</b>						
<b>State Total</b>						
Iowa .....	79	88	1	(D)	80	84
<b>Counties</b>						
Adams .....	1	(D)	-	-	(NA)	(NA)
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Benton .....	2	(D)	-	-	3	(D)
Black Hawk .....	4	2	-	-	(NA)	(NA)
Boone .....	2	(D)	-	-	(NA)	(NA)
Bremer .....	1	(D)	-	-	(NA)	(NA)
Buchanan .....	2	(D)	1	(D)	4	(D)
Butler .....	1	(D)	-	-	(NA)	(NA)
Cass .....	2	(D)	-	-	(NA)	(NA)
Cerro Gordo .....	1	(D)	-	-	(NA)	(NA)
Chickasaw .....	1	(D)	-	-	(NA)	(NA)
Clinton .....	1	(D)	-	-	(NA)	(NA)
Dallas .....	2	(D)	-	-	(NA)	(NA)
Davis .....	1	(D)	-	-	(NA)	(NA)
Dubuque .....	2	(D)	-	-	(NA)	(NA)
Grundy .....	1	(D)	-	-	(NA)	(NA)
Hardin .....	1	(D)	-	-	(NA)	(NA)
Harrison .....	2	(D)	-	-	(NA)	(NA)
Henry .....	2	(D)	-	-	(NA)	(NA)
Ida .....	1	(D)	-	-	(NA)	(NA)
Jackson .....	2	(D)	-	-	(NA)	(NA)
Jefferson .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	3	1	-	-	(NA)	(NA)
Keokuk .....	1	(D)	-	-	(NA)	(NA)
Linn .....	6	6	-	-	5	(D)
Louisa .....	1	(D)	-	-	(NA)	(NA)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Mahaska .....	1	(D)	-	-	3	1
Marshall .....	1	(D)	-	-	(NA)	(NA)
Mitchell .....	3	1	-	-	(NA)	(NA)
Monona .....	2	(D)	-	-	(NA)	(NA)
Monroe .....	1	(D)	-	-	(NA)	(NA)
Muscatine .....	1	(D)	-	-	8	9
Page .....	1	(D)	-	-	(NA)	(NA)
Plymouth .....	1	(D)	-	-	(NA)	(NA)
Pottawattamie .....	2	(D)	-	-	(NA)	(NA)
Sac .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Shelby .....	1	(D)	-	-	(NA)	(NA)
Story .....	3	1	-	-	3	(Z)
Tama .....	3	(Z)	-	-	(NA)	(NA)
Van Buren .....	1	(D)	-	-	(NA)	(NA)
Wapello .....	2	(D)	-	-	(NA)	(NA)
Washington .....	1	(D)	-	-	(NA)	(NA)
Webster .....	2	(D)	-	-	6	9
Winneshiek .....	2	(D)	-	-	(NA)	(NA)
Woodbury .....	2	(D)	-	-	(NA)	(NA)
<b>EGGPLANT</b>						
<b>State Total</b>						
Iowa .....	20	6	-	-	32	14
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Black Hawk .....	2	(D)	-	-	5	1
Boone .....	1	(D)	-	-	(NA)	(NA)
Cedar .....	1	(D)	-	-	(NA)	(NA)
Dubuque .....	1	(D)	-	-	(NA)	(NA)
Jefferson .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	2	(D)	-	-	(NA)	(NA)
Jones .....	1	(D)	-	-	(NA)	(NA)
Lyon .....	2	(D)	-	-	(NA)	(NA)

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>EGGPLANT - Con.</b>						
<b>Counties - Con.</b>						
Marshall .....	1	(D)	-	-	(NA)	(NA)
Mitchell .....	1	(D)	-	-	(NA)	(NA)
Muscatine .....	1	(D)	-	-	3	(D)
Polk .....	1	(D)	-	-	(NA)	(NA)
Sac .....	1	(D)	-	-	(NA)	(NA)
Story .....	1	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
Winneshiek .....	1	(D)	-	-	(NA)	(NA)
<b>GARLIC</b>						
<b>State Total</b>						
Iowa .....	18	5	-	-	(NA)	(NA)
<b>Counties</b>						
Allamakee .....	2	(D)	-	-	(NA)	(NA)
Benton .....	1	(D)	-	-	(NA)	(NA)
Black Hawk .....	1	(D)	-	-	(NA)	(NA)
Des Moines .....	1	(D)	-	-	(NA)	(NA)
Dubuque .....	1	(D)	-	-	(NA)	(NA)
Hancock .....	1	(D)	-	-	(NA)	(NA)
Howard .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	1	(D)	-	-	(NA)	(NA)
Keokuk .....	1	(D)	-	-	(NA)	(NA)
Madison .....	1	(D)	-	-	(NA)	(NA)
Plymouth .....	1	(D)	-	-	(NA)	(NA)
Story .....	2	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
Washington .....	1	(D)	-	-	(NA)	(NA)
Winneshiek .....	2	(D)	-	-	(NA)	(NA)
<b>HERBS, FRESH CUT (SEE TEXT)</b>						
<b>State Total</b>						
Iowa .....	16	7	-	-	9	7
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Benton .....	1	(D)	-	-	(NA)	(NA)
Dallas .....	1	(D)	-	-	(NA)	(NA)
Floyd .....	1	(D)	-	-	(NA)	(NA)
Jefferson .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	2	(D)	-	-	(NA)	(NA)
Mills .....	1	(D)	-	-	(NA)	(NA)
Polk .....	2	(D)	-	-	(NA)	(NA)
Poweshiek .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Story .....	2	(D)	-	-	(NA)	(NA)
Warren .....	2	(D)	-	-	(NA)	(NA)
<b>KALE</b>						
<b>State Total</b>						
Iowa .....	4	(Z)	-	-	2	(D)
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Jefferson .....	2	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
<b>LETTUCE, ALL</b>						
<b>State Total</b>						
Iowa .....	24	6	-	-	26	4
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Benton .....	2	(D)	-	-	(NA)	(NA)
Black Hawk .....	2	(D)	-	-	3	(Z)
Dallas .....	4	(D)	-	-	(NA)	(NA)
Fayette .....	1	(D)	-	-	(NA)	(NA)
Fremont .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	3	(D)	-	-	6	1
Keokuk .....	1	(D)	-	-	(NA)	(NA)
Linn .....	1	(D)	-	-	(NA)	(NA)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Story .....	1	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
Winneshiek .....	2	(D)	-	-	(NA)	(NA)

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>LETTUCE, HEAD</b>						
<b>State Total</b>						
Iowa .....	7	1	-	-	(NA)	(NA)
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Dallas .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	2	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Winnebago .....	2	(D)	-	-	(NA)	(NA)
<b>LETTUCE, LEAF</b>						
<b>State Total</b>						
Iowa .....	17	4	-	-	(NA)	(NA)
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Benton .....	2	(D)	-	-	(NA)	(NA)
Black Hawk .....	2	(D)	-	-	(NA)	(NA)
Dallas .....	3	(D)	-	-	(NA)	(NA)
Fremont .....	1	(D)	-	-	(NA)	(NA)
Keokuk .....	1	(D)	-	-	(NA)	(NA)
Linn .....	2	(D)	-	-	(NA)	(NA)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Story .....	1	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
<b>LETTUCE, ROMAINE</b>						
<b>State Total</b>						
Iowa .....	3	1	-	-	(NA)	(NA)
<b>Counties</b>						
Fayette .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
<b>MUSTARD GREENS</b>						
<b>State Total</b>						
Iowa .....	3	1	-	-	6	1
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Marion .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
<b>OKRA</b>						
<b>State Total</b>						
Iowa .....	14	4	-	-	8	2
<b>Counties</b>						
Black Hawk .....	3	1	-	-	(NA)	(NA)
Dallas .....	2	(D)	-	-	(NA)	(NA)
Dubuque .....	1	(D)	-	-	(NA)	(NA)
Harrison .....	1	(D)	-	-	(NA)	(NA)
Jefferson .....	1	(D)	-	-	(NA)	(NA)
Keokuk .....	1	(D)	-	-	(NA)	(NA)
Marion .....	1	(D)	-	-	(NA)	(NA)
Page .....	1	(D)	-	-	(NA)	(NA)
Sac .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Taylor .....	1	(D)	-	-	(NA)	(NA)
<b>DRY ONIONS</b>						
<b>State Total</b>						
Iowa .....	52	58	-	-	57	114
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Benton .....	2	(D)	-	-	(NA)	(NA)
Black Hawk .....	2	(D)	-	-	(NA)	(NA)
Boone .....	1	(D)	-	-	(NA)	(NA)
Clinton .....	1	(D)	-	-	(NA)	(NA)
Dallas .....	1	(D)	-	-	(NA)	(NA)
Davis .....	1	(D)	-	-	(NA)	(NA)
Grundy .....	1	(D)	-	-	(NA)	(NA)
Hamilton .....	2	(D)	-	-	(NA)	(NA)
Hardin .....	2	(D)	-	-	(NA)	(NA)
Harrison .....	2	(D)	-	-	(NA)	(NA)

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>DRY ONIONS - Con.</b>						
<b>Counties - Con.</b>						
Howard	1	(D)	-	-	(NA)	(NA)
Ida	1	(D)	-	-	(NA)	(NA)
Iowa	1	(D)	-	-	(NA)	(NA)
Jackson	1	(D)	-	-	(NA)	(NA)
Johnson	2	(D)	-	-	(NA)	(NA)
Linn	5	3	-	-	5	4
Lyon	2	(D)	-	-	(NA)	(NA)
Madison	1	(D)	-	-	(NA)	(NA)
Mahaska	1	(D)	-	-	(NA)	(NA)
Marshall	2	(D)	-	-	(NA)	(NA)
Pottawattamie	2	(D)	-	-	3	1
Sac	1	(D)	-	-	(NA)	(NA)
Scott	2	(D)	-	-	(NA)	(NA)
Shelby	1	(D)	-	-	(NA)	(NA)
Story	2	(D)	-	-	(NA)	(NA)
Tama	3	(Z)	-	-	3	(Z)
Warren	1	(D)	-	-	(NA)	(NA)
Washington	2	(D)	-	-	(NA)	(NA)
Webster	2	(D)	-	-	3	1
Winneshiek	2	(D)	-	-	(NA)	(NA)
Worth	1	(D)	-	-	3	96
<b>GREEN ONIONS</b>						
<b>State Total</b>						
Iowa	27	12	-	-	22	6
<b>Counties</b>						
Allamakee	1	(D)	-	-	(NA)	(NA)
Benton	1	(D)	-	-	(NA)	(NA)
Black Hawk	1	(D)	-	-	(NA)	(NA)
Boone	1	(D)	-	-	(NA)	(NA)
Butler	1	(D)	-	-	(NA)	(NA)
Cass	1	(D)	-	-	(NA)	(NA)
Clay	1	(D)	-	-	(NA)	(NA)
Fremont	1	(D)	-	-	(NA)	(NA)
Henry	1	(D)	-	-	(NA)	(NA)
Jackson	1	(D)	-	-	(NA)	(NA)
Jefferson	1	(D)	-	-	(NA)	(NA)
Johnson	3	1	-	-	(NA)	(NA)
Jones	1	(D)	-	-	(NA)	(NA)
Linn	2	(D)	-	-	(NA)	(NA)
Muscatine	2	(D)	-	-	(NA)	(NA)
Palo Alto	1	(D)	-	-	(NA)	(NA)
Pottawattamie	1	(D)	-	-	(NA)	(NA)
Scott	1	(D)	-	-	(NA)	(NA)
Tama	1	(D)	-	-	(NA)	(NA)
Warren	1	(D)	-	-	(NA)	(NA)
Washington	1	(D)	-	-	(NA)	(NA)
Woodbury	2	(D)	-	-	(NA)	(NA)
<b>PARSLEY</b>						
<b>State Total</b>						
Iowa	3	(Z)	-	-	(NA)	(NA)
<b>Counties</b>						
Allamakee	1	(D)	-	-	(NA)	(NA)
Scott	1	(D)	-	-	(NA)	(NA)
Warren	1	(D)	-	-	(NA)	(NA)
<b>PEAS, GREEN (EXCLUDING SOUTHERN)</b>						
<b>State Total</b>						
Iowa	46	1,140	6	493	60	993
<b>Counties</b>						
Adams	1	(D)	-	-	(NA)	(NA)
Allamakee	1	(D)	-	-	(NA)	(NA)
Benton	2	(D)	-	-	(NA)	(NA)
Black Hawk	2	(D)	-	-	5	1
Cedar	1	(D)	-	-	(NA)	(NA)
Chickasaw	1	(D)	-	-	(NA)	(NA)
Hamilton	2	(D)	-	-	(NA)	(NA)
Hancock	1	(D)	-	-	(NA)	(NA)
Hardin	1	(D)	-	-	(NA)	(NA)
Howard	1	(D)	-	-	(NA)	(NA)
Johnson	3	1	-	-	(NA)	(NA)
Kossuth	11	(D)	4	(D)	9	375
Linn	2	(D)	-	-	3	(D)
Louisa	2	(D)	-	-	(NA)	(NA)
Lyon	2	(D)	-	-	(NA)	(NA)
Madison	1	(D)	-	-	(NA)	(NA)
Mitchell	1	(D)	-	-	8	347
Muscatine	1	(D)	-	-	(NA)	(NA)
Palo Alto	2	(D)	-	-	(NA)	(NA)

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**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>PEAS, GREEN (EXCLUDING SOUTHERN) - Con.</b>						
<b>Counties - Con.</b>						
Pottawattamie .....	1	(D)	-	-	(NA)	(NA)
Sac .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Story .....	1	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
Winnebago .....	2	(D)	2	(D)	(NA)	(NA)
Winneshiek .....	1	(D)	-	-	(NA)	(NA)
<b>PEPPERS, BELL (SEE TEXT)</b>						
<b>State Total</b>						
Iowa .....	193	106	13	17	(NA)	(NA)
<b>Counties</b>						
Adair .....	1	(D)	-	-	(NA)	(NA)
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Benton .....	6	4	-	-	(NA)	(NA)
Black Hawk .....	9	10	1	(D)	(NA)	(NA)
Boone .....	4	5	-	-	(NA)	(NA)
Bremer .....	2	(D)	-	-	(NA)	(NA)
Buchanan .....	1	(D)	1	(D)	(NA)	(NA)
Butler .....	1	(D)	-	-	(NA)	(NA)
Carroll .....	2	(D)	-	-	(NA)	(NA)
Cass .....	2	(D)	-	-	(NA)	(NA)
Cedar .....	1	(D)	-	-	(NA)	(NA)
Cerro Gordo .....	1	(D)	-	-	(NA)	(NA)
Chickasaw .....	1	(D)	-	-	(NA)	(NA)
Clarke .....	2	(D)	-	-	(NA)	(NA)
Clay .....	2	(D)	-	-	(NA)	(NA)
Dallas .....	4	1	1	(D)	(NA)	(NA)
Davis .....	1	(D)	-	-	(NA)	(NA)
Delaware .....	1	(D)	-	-	(NA)	(NA)
Des Moines .....	2	(D)	2	(D)	(NA)	(NA)
Dubuque .....	7	3	-	-	(NA)	(NA)
Fayette .....	3	(D)	-	-	(NA)	(NA)
Franklin .....	2	(D)	-	-	(NA)	(NA)
Grundy .....	2	(D)	-	-	(NA)	(NA)
Hamilton .....	2	(D)	-	-	(NA)	(NA)
Hardin .....	1	(D)	-	-	(NA)	(NA)
Harrison .....	2	(D)	-	-	(NA)	(NA)
Henry .....	2	(D)	-	-	(NA)	(NA)
Howard .....	1	(D)	-	-	(NA)	(NA)
Ida .....	1	(D)	-	-	(NA)	(NA)
Iowa .....	2	(D)	-	-	(NA)	(NA)
Jackson .....	6	2	-	-	(NA)	(NA)
Jefferson .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	6	2	2	(D)	(NA)	(NA)
Jones .....	1	(D)	-	-	(NA)	(NA)
Keokuk .....	1	(D)	-	-	(NA)	(NA)
Lee .....	2	(D)	-	-	(NA)	(NA)
Linn .....	10	10	-	-	(NA)	(NA)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Madison .....	2	(D)	-	-	(NA)	(NA)
Mahaska .....	3	(D)	-	-	(NA)	(NA)
Marion .....	2	(D)	-	-	(NA)	(NA)
Marshall .....	3	3	-	-	(NA)	(NA)
Mills .....	2	(D)	-	-	(NA)	(NA)
Mitchell .....	3	1	-	-	(NA)	(NA)
Monona .....	2	(D)	-	-	(NA)	(NA)
Monroe .....	1	(D)	-	-	(NA)	(NA)
Muscatine .....	8	11	2	(D)	(NA)	(NA)
O'Brien .....	1	(D)	-	-	(NA)	(NA)
Page .....	1	(D)	-	-	(NA)	(NA)
Palo Alto .....	3	(Z)	-	-	(NA)	(NA)
Plymouth .....	2	(D)	-	-	(NA)	(NA)
Polk .....	3	(D)	-	-	(NA)	(NA)
Pottawattamie .....	3	2	-	-	(NA)	(NA)
Poweshiek .....	1	(D)	-	-	(NA)	(NA)
Ringgold .....	2	(D)	2	(D)	(NA)	(NA)
Sac .....	1	(D)	-	-	(NA)	(NA)
Scott .....	6	2	-	-	(NA)	(NA)
Shelby .....	1	(D)	-	-	(NA)	(NA)
Sioux .....	3	1	-	-	(NA)	(NA)
Story .....	6	1	-	-	(NA)	(NA)
Tama .....	3	(Z)	-	-	(NA)	(NA)
Taylor .....	2	(Z)	-	-	(NA)	(NA)
Van Buren .....	4	(Z)	-	-	(NA)	(NA)
Wapello .....	8	1	2	(D)	(NA)	(NA)
Warren .....	6	6	-	-	(NA)	(NA)
Washington .....	1	(D)	-	-	(NA)	(NA)
Webster .....	3	(D)	-	-	(NA)	(NA)
Winnebago .....	1	(D)	-	-	(NA)	(NA)
Winneshiek .....	5	1	-	-	(NA)	(NA)
Woodbury .....	2	(D)	-	-	(NA)	(NA)
Worth .....	1	(D)	-	-	(NA)	(NA)

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>PEPPERS, CHILE (ALL PEPPERS - EXCLUDING BELL) (SEE TEXT)</b>						
<b>State Total</b>						
Iowa .....	104	56	4	15	(NA)	(NA)
<b>Counties</b>						
Adair .....	1	(D)	-	-	(NA)	(NA)
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Benton .....	2	(D)	-	-	(NA)	(NA)
Black Hawk .....	1	(D)	-	-	(NA)	(NA)
Boone .....	1	(D)	-	-	(NA)	(NA)
Butler .....	1	(D)	-	-	(NA)	(NA)
Cass .....	2	(D)	-	-	(NA)	(NA)
Cedar .....	2	(D)	-	-	(NA)	(NA)
Chickasaw .....	2	(D)	-	-	(NA)	(NA)
Clarke .....	1	(D)	-	-	(NA)	(NA)
Clay .....	1	(D)	-	-	(NA)	(NA)
Clinton .....	2	(D)	-	-	(NA)	(NA)
Davis .....	1	(D)	-	-	(NA)	(NA)
Delaware .....	1	(D)	-	-	(NA)	(NA)
Des Moines .....	1	(D)	-	-	(NA)	(NA)
Dubuque .....	3	(D)	-	-	(NA)	(NA)
Fayette .....	1	(D)	-	-	(NA)	(NA)
Franklin .....	2	(D)	-	-	(NA)	(NA)
Grundy .....	1	(D)	-	-	(NA)	(NA)
Hamilton .....	2	(D)	-	-	(NA)	(NA)
Harrison .....	1	(D)	-	-	(NA)	(NA)
Henry .....	1	(D)	-	-	(NA)	(NA)
Ida .....	1	(D)	-	-	(NA)	(NA)
Iowa .....	2	(D)	-	-	(NA)	(NA)
Jackson .....	4	1	-	-	(NA)	(NA)
Johnson .....	2	(D)	2	(D)	(NA)	(NA)
Keokuk .....	1	(D)	-	-	(NA)	(NA)
Lee .....	2	(D)	-	-	(NA)	(NA)
Linn .....	4	(D)	-	-	(NA)	(NA)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Madison .....	4	5	2	(D)	(NA)	(NA)
Mahaska .....	2	(D)	-	-	(NA)	(NA)
Marion .....	2	(D)	-	-	(NA)	(NA)
Marshall .....	1	(D)	-	-	(NA)	(NA)
Mills .....	2	(D)	-	-	(NA)	(NA)
Monroe .....	1	(D)	-	-	(NA)	(NA)
Muscatine .....	2	(D)	-	-	(NA)	(NA)
Page .....	1	(D)	-	-	(NA)	(NA)
Plymouth .....	3	3	-	-	(NA)	(NA)
Polk .....	4	2	-	-	(NA)	(NA)
Scott .....	5	1	-	-	(NA)	(NA)
Shelby .....	1	(D)	-	-	(NA)	(NA)
Sioux .....	2	(D)	-	-	(NA)	(NA)
Story .....	5	2	-	-	(NA)	(NA)
Tama .....	3	(Z)	-	-	(NA)	(NA)
Taylor .....	3	1	-	-	(NA)	(NA)
Van Buren .....	1	(D)	-	-	(NA)	(NA)
Wapello .....	2	(D)	-	-	(NA)	(NA)
Warren .....	4	1	-	-	(NA)	(NA)
Webster .....	2	(D)	-	-	(NA)	(NA)
Winnebago .....	2	(D)	-	-	(NA)	(NA)
Winneshiek .....	1	(D)	-	-	(NA)	(NA)
Woodbury .....	2	(D)	-	-	(NA)	(NA)
<b>PUMPKINS</b>						
<b>State Total</b>						
Iowa .....	263	860	21	53	218	728
<b>Counties</b>						
Allamakee .....	4	7	-	-	(NA)	(NA)
Benton .....	2	(D)	-	-	(NA)	(NA)
Black Hawk .....	12	22	1	(D)	7	40
Boone .....	6	18	2	(D)	(NA)	(NA)
Bremer .....	2	(D)	-	-	(NA)	(NA)
Buchanan .....	3	(D)	-	-	5	21
Butler .....	3	3	-	-	(NA)	(NA)
Calhoun .....	2	(D)	-	-	(NA)	(NA)
Carroll .....	1	(D)	1	(D)	(NA)	(NA)
Cass .....	2	(D)	-	-	(NA)	(NA)
Cedar .....	2	(D)	-	-	(NA)	(NA)
Cerro Gordo .....	5	(D)	-	-	(NA)	(NA)
Cherokee .....	1	(D)	-	-	(NA)	(NA)
Chickasaw .....	3	(Z)	-	-	(NA)	(NA)
Clarke .....	3	(D)	-	-	(NA)	(NA)
Clay .....	1	1	-	-	(NA)	(NA)
Clinton .....	2	(D)	-	-	(NA)	(NA)
Dallas .....	2	(D)	1	(D)	6	(D)
Davis .....	3	(D)	2	(D)	(NA)	(NA)
Delaware .....	3	8	-	-	(NA)	(NA)
Dubuque .....	9	32	-	-	5	(D)
Fayette .....	6	3	-	(D)	(NA)	(NA)
Grundy .....	1	(D)	2	-	(NA)	(NA)
Guthrie .....	1	(D)	-	-	(NA)	(NA)
Hamilton .....	5	4	-	-	(NA)	(NA)

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**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>PUMPKINS - Con.</b>						
<b>Counties - Con.</b>						
Hardin .....	2	(D)	-	-	(NA)	(NA)
Harrison .....	6	17	-	-	3	(D)
Henry .....	5	4	-	-	(NA)	(NA)
Howard .....	3	5	-	-	(NA)	(NA)
Ida .....	1	(D)	-	-	(NA)	(NA)
Iowa .....	7	22	1	(D)	9	28
Jackson .....	8	18	-	-	(NA)	(NA)
Jasper .....	4	(D)	-	-	5	18
Jefferson .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	6	5	2	(D)	5	7
Keokuk .....	4	4	-	-	3	3
Lee .....	3	10	-	-	4	20
Linn .....	13	47	-	-	11	41
Louisa .....	2	(D)	-	-	3	10
Lucas .....	5	237	2	(D)	(NA)	(NA)
Lyon .....	3	8	1	(D)	(NA)	(NA)
Madison .....	4	17	-	-	(NA)	(NA)
Mahaska .....	2	(D)	-	-	(NA)	(NA)
Marion .....	1	(D)	-	-	(NA)	(NA)
Marshall .....	4	4	-	-	5	21
Mills .....	3	12	-	-	(NA)	(NA)
Mitchell .....	7	11	2	(D)	4	7
Monona .....	3	3	-	-	(NA)	(NA)
Monroe .....	1	(D)	-	-	(NA)	(NA)
Muscatine .....	8	24	-	-	6	51
Page .....	1	(D)	-	-	(NA)	(NA)
Palo Alto .....	3	(D)	-	-	(NA)	(NA)
Plymouth .....	1	(D)	-	-	(NA)	(NA)
Polk .....	2	(D)	-	-	3	(D)
Pottawattamie .....	5	14	-	-	10	123
Sac .....	1	(D)	-	-	(NA)	(NA)
Scott .....	7	(D)	-	-	4	(D)
Shelby .....	1	(D)	-	-	(NA)	(NA)
Sioux .....	3	(D)	-	-	(NA)	(NA)
Story .....	5	25	-	-	7	12
Tama .....	5	2	-	-	3	5
Taylor .....	2	(D)	-	-	(NA)	(NA)
Van Buren .....	3	4	-	-	(NA)	(NA)
Wapello .....	2	(D)	-	-	(NA)	(NA)
Warren .....	3	(D)	-	-	(NA)	(NA)
Washington .....	6	9	1	(D)	(NA)	(NA)
Wayne .....	1	(D)	1	(D)	(NA)	(NA)
Webster .....	7	17	1	(D)	7	14
Winnebago .....	2	(D)	-	-	7	9
Winneshiek .....	8	5	1	(D)	(NA)	(NA)
Woodbury .....	2	(D)	-	-	3	1
Worth .....	1	(D)	-	-	(NA)	(NA)
Wright .....	1	(D)	-	-	(NA)	(NA)
<b>RADISHES</b>						
<b>State Total</b>						
Iowa .....	20	6	-	-	27	10
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Black Hawk .....	1	(D)	-	-	3	1
Bremer .....	1	(D)	-	-	(NA)	(NA)
Clay .....	1	(D)	-	-	(NA)	(NA)
Dallas .....	1	(D)	-	-	(NA)	(NA)
Fremont .....	1	(D)	-	-	(NA)	(NA)
Grundy .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	2	(D)	-	-	(NA)	(NA)
Linn .....	2	(D)	-	-	(NA)	(NA)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Madison .....	1	(D)	-	-	(NA)	(NA)
Marshall .....	1	(D)	-	-	(NA)	(NA)
Muscatine .....	2	(D)	-	-	(NA)	(NA)
Pottawattamie .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
<b>RHUBARB</b>						
<b>State Total</b>						
Iowa .....	8	5	-	-	13	3
<b>Counties</b>						
Bremer .....	1	(D)	-	-	(NA)	(NA)
Butler .....	1	(D)	-	-	(NA)	(NA)
Clinton .....	1	(D)	-	-	(NA)	(NA)
Iowa .....	2	(D)	-	-	(NA)	(NA)
Johnson .....	1	(D)	-	-	(NA)	(NA)
Linn .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>SPINACH</b>						
<b>State Total</b>						
Iowa .....	13	5	-	-	16	8
<b>Counties</b>						
Allamakee .....	1	(D)	-	-	(NA)	(NA)
Howard .....	1	(D)	-	-	(NA)	(NA)
Iowa .....	2	(D)	-	-	(NA)	(NA)
Johnson .....	1	(D)	-	-	(NA)	(NA)
Linn .....	1	(D)	-	-	(NA)	(NA)
Muscatine .....	2	(D)	-	-	(NA)	(NA)
Plymouth .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Story .....	1	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
Washington .....	1	(D)	-	-	(NA)	(NA)
<b>SQUASH</b>						
<b>State Total</b>						
Iowa .....	92	108	1	(D)	123	204
<b>Counties</b>						
Allamakee .....	2	(D)	-	-	3	5
Appanoose .....	1	(D)	-	-	(NA)	(NA)
Benton .....	2	(D)	-	-	(NA)	(NA)
Black Hawk .....	2	(D)	-	-	5	1
Boone .....	1	(D)	-	-	(NA)	(NA)
Bremer .....	1	(D)	-	-	(NA)	(NA)
Buchanan .....	3	(D)	1	(D)	4	(D)
Butler .....	1	(D)	-	-	(NA)	(NA)
Cedar .....	2	(D)	-	-	4	2
Cerro Gordo .....	1	(D)	-	-	(NA)	(NA)
Clay .....	1	(D)	-	-	(NA)	(NA)
Dallas .....	1	(D)	-	-	(NA)	(NA)
Davis .....	1	(D)	-	-	(NA)	(NA)
Delaware .....	2	(D)	-	-	(NA)	(NA)
Des Moines .....	1	(D)	-	-	4	10
Dubuque .....	4	9	-	-	(NA)	(NA)
Fayette .....	1	(D)	-	-	(NA)	(NA)
Hamilton .....	2	(D)	-	-	(NA)	(NA)
Hardin .....	3	1	-	-	(NA)	(NA)
Harrison .....	4	2	-	-	(NA)	(NA)
Henry .....	2	(D)	-	-	(NA)	(NA)
Howard .....	3	3	-	-	(NA)	(NA)
Ida .....	1	(D)	-	-	(NA)	(NA)
Jackson .....	2	(D)	-	-	(NA)	(NA)
Jefferson .....	2	(D)	-	-	3	(D)
Johnson .....	1	(D)	-	-	4	(Z)
Keokuk .....	1	(D)	-	-	(NA)	(NA)
Linn .....	7	7	-	-	7	21
Lucas .....	1	(D)	-	-	(NA)	(NA)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Madison .....	1	(D)	-	-	(NA)	(NA)
Mahaska .....	1	(D)	-	-	(NA)	(NA)
Mitchell .....	6	4	-	-	4	13
Pottawattamie .....	3	3	-	-	(NA)	(NA)
Poweshiek .....	1	(D)	-	-	(NA)	(NA)
Ringgold .....	1	(D)	-	-	(NA)	(NA)
Sac .....	1	(D)	-	-	(NA)	(NA)
Scott .....	3	1	-	-	(NA)	(NA)
Shelby .....	1	(D)	-	-	(NA)	(NA)
Sioux .....	1	(D)	-	-	(NA)	(NA)
Story .....	1	(D)	-	-	4	2
Tama .....	1	(D)	-	-	(NA)	(NA)
Van Buren .....	1	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
Washington .....	2	(D)	-	-	(NA)	(NA)
Webster .....	1	(D)	-	-	6	8
Winnebago .....	2	(D)	-	-	5	6
Winneshiek .....	6	2	-	-	(NA)	(NA)
<b>SWEET CORN</b>						
<b>State Total</b>						
Iowa .....	462	4,876	58	1,891	556	8,467
<b>Counties</b>						
Adair .....	1	(D)	-	-	(NA)	(NA)
Adams .....	1	(D)	-	-	(NA)	(NA)
Allamakee .....	5	13	-	-	3	6
Appanoose .....	1	(D)	-	-	3	4
Audubon .....	1	(D)	-	-	(NA)	(NA)
Benton .....	14	30	2	(D)	9	17
Black Hawk .....	12	122	1	(D)	15	151
Boone .....	8	64	-	(D)	6	39
Bremer .....	4	7	1	(D)	(NA)	(NA)
Buchanan .....	8	(D)	4	(D)	8	(D)
Butler .....	4	2	-	-	14	535

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>SWEET CORN - Con.</b>						
<b>Counties - Con.</b>						
Calhoun	2	(D)	1	(D)	(NA)	(NA)
Carroll	2	(D)	-	-	6	13
Cass	4	(D)	1	(D)	5	6
Cedar	7	14	1	(D)	6	(D)
Cerro Gordo	8	59	2	(D)	(NA)	(NA)
Cherokee	2	(D)	-	-	(NA)	(NA)
Chickasaw	5	7	-	-	(NA)	(NA)
Clarke	5	9	-	-	(NA)	(NA)
Clay	1	(D)	-	-	7	15
Clayton	1	(D)	-	-	(NA)	(NA)
Clinton	8	10	1	(D)	9	11
Crawford	1	(D)	-	-	(NA)	(NA)
Dallas	11	102	-	-	10	164
Davis	3	7	2	(D)	4	(D)
Decatur	2	(D)	-	-	(NA)	(NA)
Delaware	4	8	-	-	(NA)	(NA)
Des Moines	5	6	2	(D)	4	(D)
Dubuque	6	(D)	-	-	3	(D)
Emmet	2	(D)	-	-	3	(D)
Fayette	4	(D)	-	-	5	95
Franklin	5	(D)	-	-	23	1,618
Fremont	5	26	-	-	3	12
Grundy	1	(D)	-	-	8	263
Hamilton	4	21	-	-	3	(D)
Hancock	1	(D)	-	-	3	6
Hardin	5	(D)	2	(D)	17	1,945
Harrison	9	37	-	-	9	54
Henry	6	6	-	-	(NA)	(NA)
Howard	6	5	3	2	4	(D)
Humboldt	3	(D)	-	-	3	2
Ida	1	(D)	-	-	3	13
Iowa	7	87	1	(D)	6	55
Jackson	8	37	-	-	8	32
Jasper	7	24	-	-	5	11
Jefferson	2	(D)	-	-	5	(D)
Johnson	15	43	2	(D)	17	23
Jones	3	(D)	2	(D)	4	(D)
Keokuk	3	(D)	-	-	(NA)	(NA)
Kossuth	16	1,122	9	(D)	14	767
Lee	5	15	-	-	7	18
Linn	20	238	-	-	25	186
Louisa	3	92	-	-	(NA)	(NA)
Lucas	5	9	-	-	4	5
Lyon	2	(D)	-	-	(NA)	(NA)
Madison	4	(D)	1	(D)	11	23
Mahaska	2	(D)	-	-	6	56
Marion	5	46	1	(D)	7	22
Marshall	9	67	-	-	3	14
Mitchell	2	(D)	-	-	(NA)	(NA)
Monona	3	62	-	-	(NA)	(NA)
Monroe	2	(D)	1	(D)	(NA)	(NA)
Muscatine	11	181	2	(D)	21	255
O'Brien	2	(D)	-	-	4	2
Page	3	2	-	-	(NA)	(NA)
Palo Alto	6	188	-	-	6	(D)
Plymouth	2	(D)	-	-	5	51
Polk	11	101	-	-	17	120
Pottawattamie	7	52	2	(D)	18	71
Poweshiek	4	7	-	-	(NA)	(NA)
Ringgold	6	17	2	(D)	(NA)	(NA)
Sac	2	(D)	-	-	5	26
Scott	6	38	-	-	9	40
Shelby	3	5	-	-	5	15
Sioux	11	52	-	-	7	(D)
Story	10	36	-	-	8	34
Tama	4	6	1	(D)	10	14
Taylor	4	4	-	-	4	(D)
Van Buren	5	4	-	-	4	(D)
Wapello	5	(D)	2	(D)	3	(D)
Warren	15	72	4	19	13	68
Washington	4	2	-	-	8	11
Webster	7	(D)	1	(D)	10	35
Winnebago	5	161	2	(D)	12	296
Winneshiek	7	12	-	-	4	12
Woodbury	6	652	2	(D)	8	21
Worth	4	62	-	-	3	(D)
Wright	1	(D)	-	-	3	(D)
<b>TOMATOES</b>						
<b>State Total</b>						
Iowa	288	205	25	17	248	235
<b>Counties</b>						
Adair	1	(D)	-	-	(NA)	(NA)
Adams	3	(D)	-	-	(NA)	(NA)
Allamakee	2	(D)	-	-	3	5
Appanoose	1	(D)	-	-	(NA)	(NA)
Benton	9	7	-	-	5	5
Black Hawk	8	5	1	(D)	8	4

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>TOMATOES - Con.</b>						
<b>Counties - Con.</b>						
Boone	4	8	-	-	(NA)	(NA)
Bremer	2	(D)	-	-	(NA)	(NA)
Buchanan	4	2	3	(D)	6	5
Butler	2	-	-	-	(NA)	(NA)
Carroll	2	(D)	-	-	(NA)	(NA)
Cass	3	1	-	-	(NA)	(NA)
Cedar	2	(D)	-	-	3	(Z)
Cerro Gordo	1	(D)	-	-	(NA)	(NA)
Chickasaw	3	1	-	-	(NA)	(NA)
Clarke	3	4	-	-	(NA)	(NA)
Clay	2	(D)	-	-	(NA)	(NA)
Clinton	3	1	-	-	5	2
Dallas	9	7	1	(D)	6	9
Davis	4	1	2	(D)	(NA)	(NA)
Decatur	1	(D)	-	-	(NA)	(NA)
Delaware	1	(D)	-	-	(NA)	(NA)
Des Moines	4	2	2	(D)	3	(D)
Dubuque	9	3	-	-	6	3
Fayette	5	5	2	(D)	(NA)	(NA)
Franklin	3	1	-	-	(NA)	(NA)
Grundy	1	(D)	-	-	(NA)	(NA)
Guthrie	1	(D)	-	-	(NA)	(NA)
Hamilton	2	(D)	-	-	(NA)	(NA)
Hancock	1	(D)	-	-	(NA)	(NA)
Hardin	3	1	-	-	3	(Z)
Harrison	8	8	-	-	3	4
Henry	5	1	-	-	(NA)	(NA)
Howard	1	(D)	-	-	(NA)	(NA)
Humboldt	2	(D)	-	-	(NA)	(NA)
Ida	1	(D)	-	-	(NA)	(NA)
Iowa	3	1	-	-	(NA)	(NA)
Jackson	6	2	-	-	3	1
Jasper	1	(D)	-	-	(NA)	(NA)
Jefferson	2	(D)	-	-	(NA)	(NA)
Johnson	6	2	2	(D)	10	2
Jones	2	(D)	1	(D)	(NA)	(NA)
Keokuk	2	(D)	-	-	(NA)	(NA)
Lee	4	2	-	-	6	3
Linn	14	16	-	-	12	14
Lucas	2	(D)	-	-	(NA)	(NA)
Lyon	2	(D)	-	-	(NA)	(NA)
Madison	2	(D)	-	-	7	4
Mahaska	3	(D)	-	-	3	4
Marion	3	4	-	-	3	1
Marshall	5	3	-	-	3	1
Mills	4	1	-	-	(NA)	(NA)
Mitchell	5	3	1	(D)	(NA)	(NA)
Monona	2	(D)	-	-	(NA)	(NA)
Monroe	1	(D)	-	-	(NA)	(NA)
Muscatine	8	21	2	(D)	13	22
O'Brien	1	(D)	-	-	3	(D)
Page	3	(Z)	-	-	(NA)	(NA)
Palo Alto	3	1	-	-	(NA)	(NA)
Plymouth	3	1	-	-	(NA)	(NA)
Polk	4	4	-	-	9	9
Pottawattamie	5	4	1	(D)	14	11
Ringgold	4	3	2	(D)	(NA)	(NA)
Sac	1	(D)	-	-	(NA)	(NA)
Scott	4	2	-	-	(NA)	(NA)
Shelby	2	(D)	-	-	(NA)	(NA)
Sioux	5	1	-	-	(NA)	(NA)
Story	10	5	-	-	7	8
Tama	4	1	-	-	3	1
Taylor	4	3	-	-	(NA)	(NA)
Van Buren	7	2	1	(D)	(NA)	(NA)
Wapello	4	1	2	(D)	(NA)	(NA)
Warren	12	11	2	(D)	8	7
Washington	2	(D)	-	-	(NA)	(NA)
Webster	3	(D)	-	-	6	3
Winnebago	2	(D)	-	-	4	2
Winneshiek	9	5	-	-	(NA)	(NA)
Woodbury	2	(D)	-	-	8	2
Worth	1	(D)	-	-	(NA)	(NA)
<b>TURNIPS</b>						
<b>State Total</b>						
Iowa	5	1	-	-	14	4
<b>Counties</b>						
Allamakee	1	(D)	-	-	(NA)	(NA)
Fremont	1	(D)	-	-	(NA)	(NA)
Jefferson	1	(D)	-	-	(NA)	(NA)
Scott	1	(D)	-	-	(NA)	(NA)
Warren	1	(D)	-	-	(NA)	(NA)

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Table 29. **Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>TURNIP GREENS</b>						
<b>State Total</b>						
Iowa .....	2	(D)	-	-	9	3
<b>Counties</b>						
Benton .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
<b>VEGETABLES, MIXED</b>						
<b>State Total</b>						
Iowa .....	6	23	-	-	26	160
<b>Counties</b>						
Davis .....	3	2	-	-	(NA)	(NA)
Jefferson .....	1	(D)	-	-	(NA)	(NA)
Louisa .....	1	(D)	-	-	(NA)	(NA)
Washington .....	1	(D)	-	-	(NA)	(NA)
<b>VEGETABLES, OTHER</b>						
<b>State Total</b>						
Iowa .....	41	42	3	13	29	28
<b>Counties</b>						
Black Hawk .....	2	(D)	-	-	(NA)	(NA)
Boone .....	1	(D)	-	-	(NA)	(NA)
Buchanan .....	1	(D)	1	(D)	(NA)	(NA)
Calhoun .....	1	(D)	-	-	(NA)	(NA)
Cedar .....	1	(D)	-	-	(NA)	(NA)
Dallas .....	2	(D)	-	-	(NA)	(NA)
Davis .....	3	2	-	-	(NA)	(NA)
Des Moines .....	1	(D)	-	-	(NA)	(NA)
Dickinson .....	1	(D)	-	-	(NA)	(NA)
Fayette .....	2	(D)	2	(D)	(NA)	(NA)
Hancock .....	1	(D)	-	-	(NA)	(NA)
Hardin .....	1	(D)	-	-	(NA)	(NA)
Ida .....	1	(D)	-	-	(NA)	(NA)
Jackson .....	1	(D)	-	-	(NA)	(NA)
Johnson .....	1	(D)	-	-	(NA)	(NA)
Linn .....	4	8	-	-	(NA)	(NA)
Lucas .....	1	(D)	-	-	(NA)	(NA)
Mahaska .....	1	(D)	-	-	(NA)	(NA)
Mitchell .....	1	(D)	-	-	(NA)	(NA)
O'Brien .....	1	(D)	-	-	(NA)	(NA)
Polk .....	1	(D)	-	-	(NA)	(NA)
Pottawattamie .....	1	(D)	-	-	(NA)	(NA)
Poweshiek .....	2	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Sioux .....	1	(D)	-	-	(NA)	(NA)
Warren .....	1	(D)	-	-	(NA)	(NA)
Washington .....	4	1	-	-	(NA)	(NA)
Winneshiek .....	2	(D)	-	-	(NA)	(NA)
<b>WATERMELONS</b>						
<b>State Total</b>						
Iowa .....	80	372	-	-	92	349
<b>Counties</b>						
Appanoose .....	1	(D)	-	-	(NA)	(NA)
Benton .....	2	(D)	-	-	(NA)	(NA)
Black Hawk .....	3	2	-	-	5	9
Boone .....	1	(D)	-	-	(NA)	(NA)
Bremer .....	1	(D)	-	-	(NA)	(NA)
Buchanan .....	1	(D)	-	-	(NA)	(NA)
Cedar .....	1	(D)	-	-	(NA)	(NA)
Cerro Gordo .....	1	(D)	-	-	(NA)	(NA)
Chickasaw .....	1	(D)	-	-	(NA)	(NA)
Dallas .....	2	(D)	-	-	(NA)	(NA)
Delaware .....	1	(D)	-	-	(NA)	(NA)
Des Moines .....	1	(D)	-	-	4	7
Dubuque .....	2	(D)	-	-	(NA)	(NA)
Fayette .....	1	(D)	-	-	(NA)	(NA)
Guthrie .....	1	(D)	-	-	(NA)	(NA)
Harrison .....	4	(D)	-	-	(D)	(D)
Henry .....	2	(D)	-	-	(NA)	(NA)
Ida .....	1	(D)	-	-	(NA)	(NA)
Iowa .....	1	4	-	-	3	(D)
Jackson .....	5	4	-	-	(NA)	(NA)
Jasper .....	1	(D)	-	-	(NA)	(NA)
Jefferson .....	1	(D)	-	-	(NA)	(NA)
Jones .....	1	(D)	-	-	(NA)	(NA)
Lee .....	2	(D)	-	-	3	(D)
Linn .....	2	(D)	-	-	4	(D)
Louisa .....	4	(D)	-	-	4	(D)
Lyon .....	2	(D)	-	-	(NA)	(NA)
Mitchell .....	5	4	-	-	(NA)	(NA)

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**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>WATERMELONS - Con.</b>						
<b>Counties - Con.</b>						
Monona .....	3	8	-	-	(NA)	(NA)
Monroe .....	1	(D)	-	-	(NA)	(NA)
Muscatine .....	6	58	-	-	17	180
Palo Alto .....	1	(D)	-	-	(NA)	(NA)
Plymouth .....	1	(D)	-	-	(NA)	(NA)
Pottawattamie .....	2	(D)	-	-	4	23
Sac .....	1	(D)	-	-	(NA)	(NA)
Scott .....	1	(D)	-	-	(NA)	(NA)
Story .....	2	(D)	-	-	(NA)	(NA)
Taylor .....	2	(D)	-	-	(NA)	(NA)
Van Buren .....	1	(D)	-	-	(NA)	(NA)
Wapello .....	2	(D)	-	-	(NA)	(NA)
Washington .....	1	(D)	-	-	(NA)	(NA)
Webster .....	1	(D)	-	-	(NA)	(NA)
Winnebago .....	1	(D)	-	-	(NA)	(NA)
Winneshiek .....	1	(D)	-	-	(NA)	(NA)
Woodbury .....	2	(D)	-	-	(NA)	(NA)

**Table 30. Land in Orchards: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997			
	Total		Irrigated		Total		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>LAND IN ORCHARDS</b>								
<b>State Total</b>								
Iowa .....	493	3,141	26	(D)	490	2,851	19	118
<b>Counties</b>								
Adair .....	5	23	1	(D)	5	19	-	-
Adams .....	4	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Allamakee .....	7	77	1	(D)	(NA)	(NA)	(NA)	(NA)
Appanoose .....	5	13	-	-	6	44	-	-
Audubon .....	4	42	-	-	(NA)	(NA)	(NA)	(NA)
Benton .....	6	47	-	-	6	15	-	-
Black Hawk .....	12	15	1	(D)	6	26	1	(D)
Boone .....	8	25	1	(D)	4	10	-	-
Bremer .....	6	16	-	-	3	7	-	-
Buchanan .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Buena Vista .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Butler .....	3	3	-	-	(NA)	(NA)	(NA)	(NA)
Calhoun .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Cass .....	2	(D)	-	-	3	9	-	-
Cedar .....	6	23	-	-	8	24	-	-
Cerro Gordo .....	6	15	-	-	(NA)	(NA)	(NA)	(NA)
Cherokee .....	2	(D)	-	-	3	8	-	-
Chickasaw .....	5	37	-	-	(NA)	(NA)	(NA)	(NA)
Clarke .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Clay .....	3	4	-	-	(NA)	(NA)	(NA)	(NA)
Clayton .....	8	92	-	-	5	36	-	-
Clinton .....	14	76	-	-	20	52	3	(D)
Crawford .....	2	(D)	-	-	3	12	-	-
Dallas .....	12	34	1	(D)	12	67	-	-
Davis .....	6	13	1	(D)	4	15	-	-
Decatur .....	10	28	-	-	5	(D)	-	-
Des Moines .....	7	28	-	-	14	62	1	(D)
Dubuque .....	18	100	-	-	22	95	1	(D)
Fayette .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Floyd .....	3	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Franklin .....	1	(D)	-	-	9	26	-	-
Fremont .....	4	82	-	-	5	84	-	-
Greene .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Grundy .....	2	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Hamilton .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Hancock .....	1	(D)	-	-	3	12	-	-
Hardin .....	7	21	1	(D)	5	22	-	-
Harrison .....	10	116	3	(D)	11	227	-	-
Henry .....	7	32	-	-	5	24	-	-
Howard .....	3	(D)	-	-	5	19	-	-
Ida .....	1	(D)	-	-	4	(D)	-	-
Iowa .....	5	5	-	-	5	10	-	-
Jackson .....	18	49	-	-	6	44	-	-
Jasper .....	5	33	-	-	11	69	1	(D)
Jefferson .....	10	(D)	1	(D)	6	8	2	(D)
Johnson .....	22	139	1	(D)	28	148	3	(D)
Jones .....	3	3	-	-	(NA)	(NA)	(NA)	(NA)
Keokuk .....	4	12	-	-	(NA)	(NA)	(NA)	(NA)
Kossuth .....	3	(D)	-	-	3	(D)	-	-
Lee .....	13	47	-	-	11	52	-	-
Linn .....	20	82	-	-	14	69	2	(D)
Louisa .....	4	39	1	(D)	4	32	-	-
Lucas .....	5	12	-	-	(NA)	(NA)	(NA)	(NA)
Lyon .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Madison .....	8	198	-	-	7	11	-	-
Mahaska .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Marion .....	5	(D)	-	-	7	(D)	-	-
Marshall .....	5	18	-	-	6	23	-	-
Mills .....	5	6	-	-	(NA)	(NA)	(NA)	(NA)
Mitchell .....	3	9	-	-	3	12	-	-
Monona .....	3	30	-	-	3	(D)	1	(D)
Monroe .....	1	(D)	1	(D)	8	19	-	-
Montgomery .....	1	(D)	-	-	3	13	-	-
Muscatine .....	6	49	1	(D)	6	10	-	-
Page .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Palo Alto .....	1	(D)	1	(D)	4	(D)	-	-
Plymouth .....	3	(D)	-	-	10	30	-	-
Polk .....	15	62	-	-	14	91	-	-
Pottawattamie .....	12	64	1	(D)	7	71	-	-
Poweshiek .....	4	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Ringgold .....	2	(D)	1	(D)	4	(D)	-	-
Sac .....	3	6	-	-	(NA)	(NA)	(NA)	(NA)
Scott .....	8	16	-	-	12	49	-	-
Shelby .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Sioux .....	1	(D)	-	-	3	2	-	-
Story .....	9	61	1	(D)	9	48	2	(D)
Tama .....	6	88	-	-	(NA)	(NA)	(NA)	(NA)
Taylor .....	1	(D)	-	-	4	14	-	-
Van Buren .....	6	14	-	-	3	5	-	-
Wapello .....	8	14	-	-	7	35	-	-
Warren .....	17	403	1	(D)	11	268	1	(D)
Washington .....	8	125	1	(D)	17	242	-	-
Wayne .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Webster .....	2	(D)	1	(D)	4	(D)	-	-
Winnebago .....	6	6	-	-	6	10	-	-
Winneshiek .....	8	25	-	-	6	18	1	(D)
Woodbury .....	5	9	-	-	9	59	-	-

**Table 31. Fruits and Nuts: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Number	Farms	Number
<b>APPLES</b>						
<b>State Total</b>						
Iowa	344	2,025	242	1,428	174	597
..... 2002	443	2,301	(NA)	(NA)	(NA)	(NA)
..... 1997						
<b>Counties, 2002</b>						
Adair	3	(D)	3	18	1	(D)
Adams	2	(D)	2	(D)	4	4
Allamakee	3	17	1	13	2	4
Appanoose	3	1	2	(D)	2	(D)
Audubon	4	(D)	1	(D)	3	(D)
Benton	4	(D)	4	(D)	1	(D)
Black Hawk	11	13	4	5	9	8
Boone	6	17	4	10	5	7
Bremer	5	5	5	(D)	1	(D)
Buchanan	1	(D)	1	(D)	1	(D)
Buena Vista	1	(D)	1	(D)	-	-
Butler	2	(D)	1	(D)	1	(D)
Calhoun	1	(D)	1	(D)	-	-
Cass	2	(D)	2	(D)	1	(D)
Cedar	3	17	3	17	-	-
Cerro Gordo	5	(D)	3	7	3	(D)
Chickasaw	5	36	3	(D)	2	(D)
Clay	2	(D)	1	(D)	1	(D)
Clayton	5	(D)	5	17	2	(D)
Clinton	10	20	4	3	8	18
Crawford	1	(D)	1	(D)	-	-
Dallas	9	21	6	14	5	7
Davis	6	13	4	(D)	2	(D)
Decatur	4	(D)	2	(D)	2	(D)
Des Moines	4	(D)	3	(D)	4	(D)
Dubuque	13	66	11	55	4	11
Floyd	1	(D)	-	-	1	(D)
Franklin	1	(D)	1	(D)	-	-
Fremont	4	82	3	(D)	2	(D)
Grundy	2	(D)	2	(D)	-	-
Hamilton	1	(D)	-	-	1	(D)
Hancock	1	(D)	1	(D)	-	-
Hardin	5	(D)	5	(D)	1	(D)
Harrison	4	93	4	(D)	2	(D)
Henry	6	13	4	2	4	11
Howard	2	(D)	-	-	2	(D)
Ida	1	(D)	-	-	1	(D)
Iowa	2	(D)	1	(D)	1	(D)
Jackson	7	17	7	(D)	2	(D)
Jasper	5	33	5	(D)	1	(D)
Jefferson	8	8	2	(D)	6	(D)
Johnson	14	123	14	(D)	4	(D)
Jones	2	(D)	1	(D)	1	(D)
Keokuk	3	11	-	-	3	11
Kossuth	1	(D)	1	(D)	-	-
Lee	12	33	6	26	7	7
Linn	17	69	14	62	4	8
Louisa	3	26	3	26	-	-
Lucas	3	5	3	(D)	1	(D)
Lyon	1	(D)	1	(D)	1	(D)
Madison	6	191	2	(D)	5	(D)
Mahaska	1	(D)	-	-	1	(D)
Marion	3	(D)	2	(D)	1	(D)
Marshall	4	(D)	3	(D)	3	(D)
Mills	4	(D)	2	(D)	2	(D)
Mitchell	3	7	3	(D)	2	(D)
Monona	3	(D)	-	-	3	(D)
Monroe	1	(D)	1	(D)	-	-
Montgomery	1	(D)	1	(D)	1	(D)
Muscatine	3	1	3	1	-	-
Page	1	(D)	1	(D)	-	-
Palo Alto	1	(D)	1	(D)	1	(D)
Plymouth	3	(D)	2	(D)	2	(D)
Polk	11	37	4	21	9	17
Pottawattamie	10	62	6	27	6	34
Poweshiek	3	3	3	3	-	-
Ringgold	1	(D)	1	(D)	-	-
Sac	3	(D)	3	(D)	-	-
Scott	5	8	3	(D)	2	(D)
Shelby	2	(D)	2	(D)	2	(D)
Sioux	1	(D)	1	(D)	-	-
Story	6	52	5	46	4	7
Tama	4	82	4	(D)	1	(D)
Taylor	1	(D)	1	(D)	-	-
Van Buren	5	8	2	(D)	3	(D)
Wapello	6	(D)	3	(D)	3	(D)
Warren	7	(D)	5	(D)	2	(D)
Washington	5	(D)	5	11	2	(D)
Webster	2	(D)	2	(D)	1	(D)
Winnebago	6	6	3	4	3	2
Winneshiek	5	10	5	7	3	3
Woodbury	5	9	3	2	5	8

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**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Number	Farms	Number
<b>APRICOTS</b>						
<b>State Total</b>						
Iowa .....	2002	4	10	(D)	2	(D)
	1997	4	(NA)	(NA)	(NA)	(NA)
<b>Counties, 2002</b>						
Appanoose .....	1	(D)	1	(D)	-	-
Clinton .....	1	(D)	1	(D)	-	-
Dallas .....	3	(D)	3	(D)	-	-
Decatur .....	2	(D)	-	(D)	2	(D)
Johnson .....	1	(D)	1	(D)	-	-
Lee .....	1	(D)	1	(D)	-	-
Pottawattamie .....	1	(D)	1	(D)	-	-
Van Buren .....	1	(D)	1	(D)	-	-
Washington .....	1	(D)	1	(D)	-	-
<b>CHERRIES, SWEET (SEE TEXT)</b>						
<b>State Total</b>						
Iowa .....	2002	8	10	(D)	6	(D)
	1997	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties, 2002</b>						
Allamakee .....	1	(D)	-	(D)	1	(D)
Appanoose .....	1	(D)	1	(D)	-	-
Black Hawk .....	1	(D)	1	(D)	-	-
Decatur .....	2	(D)	-	(D)	2	(D)
Dubuque .....	1	(D)	1	(D)	-	-
Hardin .....	1	(D)	1	(D)	-	-
Harrison .....	1	(D)	-	(D)	1	(D)
Jefferson .....	1	(D)	-	(D)	1	(D)
Johnson .....	1	(D)	1	(D)	-	-
Lee .....	1	(D)	1	(D)	-	-
Linn .....	1	(D)	1	(D)	-	-
Lucas .....	1	(D)	1	(D)	-	-
Pottawattamie .....	1	(D)	1	(D)	-	-
Van Buren .....	1	(D)	1	(D)	-	-
Warren .....	1	(D)	-	(D)	1	(D)
<b>CHERRIES, TART (SEE TEXT)</b>						
<b>State Total</b>						
Iowa .....	2002	22	17	17	6	5
	1997	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties, 2002</b>						
Appanoose .....	1	(D)	1	(D)	-	-
Audubon .....	2	(D)	2	(D)	-	-
Clinton .....	1	(D)	1	(D)	-	-
Des Moines .....	1	(D)	1	(D)	1	(D)
Floyd .....	1	(D)	-	(D)	1	(D)
Hardin .....	1	(D)	1	(D)	-	-
Harrison .....	2	(D)	1	(D)	1	(D)
Johnson .....	1	(D)	1	(D)	-	-
Lee .....	1	(D)	1	(D)	-	-
Linn .....	1	(D)	1	(D)	-	-
Marion .....	1	(D)	1	(D)	-	-
Muscatine .....	1	(D)	1	(D)	-	-
Pottawattamie .....	1	(D)	1	(D)	-	-
Story .....	1	(D)	1	(D)	1	(D)
Van Buren .....	1	(D)	1	(D)	-	-
Wapello .....	1	(D)	1	(D)	1	(D)
Washington .....	1	(D)	1	(D)	-	-
Webster .....	1	(D)	-	(D)	1	(D)
<b>GRAPES</b>						
<b>State Total</b>						
Iowa .....	2002	154	79	55	76	100
	1997	94	(NA)	(NA)	(NA)	(NA)
<b>Counties, 2002</b>						
Adair .....	2	(D)	1	(D)	2	(D)
Allamakee .....	2	(D)	-	(D)	2	(D)
Appanoose .....	2	(D)	1	(D)	1	(D)
Audubon .....	1	(D)	-	(D)	1	(D)
Benton .....	1	(D)	1	(D)	-	-
Black Hawk .....	3	(D)	2	(D)	1	(D)
Boone .....	2	(D)	2	(D)	2	(D)
Bremer .....	2	(D)	2	(D)	-	-
Butler .....	2	(D)	1	(D)	1	(D)
Cedar .....	1	(D)	-	(D)	1	(D)
Chickasaw .....	1	(D)	1	(D)	-	-
Clay .....	1	(D)	-	(D)	1	(D)
Clayton .....	2	(D)	1	(D)	2	(D)
Clinton .....	4	(D)	1	(D)	3	(D)
Crawford .....	1	(D)	1	(D)	1	(D)
Decatur .....	8	(D)	2	(D)	6	(D)

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Table 31. **Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Number	Farms	Number
<b>GRAPES - Con.</b>						
<b>Counties, 2002 - Con.</b>						
Dubuque .....	6	10	4	(D)	2	(D)
Fayette .....	1	(D)	-	-	1	(D)
Floyd .....	1	(D)	-	-	1	(D)
Grundy .....	1	(D)	1	(D)	-	-
Hardin .....	3	(D)	1	(D)	2	(D)
Ida .....	1	(D)	-	-	1	(D)
Iowa .....	1	(D)	1	(D)	1	(D)
Jackson .....	11	13	7	8	4	5
Jasper .....	1	(D)	1	(D)	-	-
Jefferson .....	4	(D)	2	(D)	2	(D)
Johnson .....	6	8	6	5	3	3
Jones .....	1	(D)	1	(D)	-	-
Keokuk .....	2	(D)	1	(D)	1	(D)
Lee .....	3	1	3	1	-	-
Linn .....	3	(D)	3	(D)	1	(D)
Lucas .....	3	(D)	2	(D)	2	(D)
Madison .....	4	(D)	4	4	2	2
Mahaska .....	1	(D)	-	-	1	(D)
Marion .....	3	(D)	1	(D)	2	(D)
Marshall .....	1	(D)	1	(D)	1	(D)
Mitchell .....	1	(D)	-	-	1	(D)
Monona .....	1	(D)	-	-	1	(D)
Muscatine .....	2	(D)	2	(D)	-	-
Palo Alto .....	1	(D)	1	(D)	-	-
Plymouth .....	1	(D)	-	-	1	(D)
Polk .....	4	16	2	(D)	3	(D)
Pottawattamie .....	1	(D)	1	(D)	-	-
Ringgold .....	2	(D)	2	(D)	1	(D)
Scott .....	2	(D)	1	(D)	1	(D)
Shelby .....	2	(D)	1	(D)	2	(D)
Story .....	4	(D)	4	3	2	(D)
Van Buren .....	1	(D)	1	(D)	-	-
Wapello .....	2	(D)	2	(D)	-	-
Warren .....	11	(D)	2	(D)	11	12
Washington .....	2	(D)	2	(D)	1	(D)
Wayne .....	1	(D)	-	-	1	(D)
Winneshiek .....	3	3	3	(D)	1	(D)
<b>NECTARINES</b>						
<b>State Total</b>						
Iowa .....	3	(Z)	3	(Z)	-	-
1997 .....	4	1	(NA)	(NA)	(NA)	(NA)
<b>Counties, 2002</b>						
Appanoose .....	1	(D)	1	(D)	-	-
Lucas .....	1	(D)	1	(D)	-	-
Van Buren .....	1	(D)	1	(D)	-	-
<b>PEACHES, ALL</b>						
<b>State Total</b>						
Iowa .....	61	23	40	16	24	7
1997 .....	105	35	(NA)	(NA)	(NA)	(NA)
<b>Counties, 2002</b>						
Adams .....	2	(D)	2	(D)	-	-
Allamakee .....	1	(D)	-	-	1	(D)
Appanoose .....	1	(D)	1	(D)	-	-
Boone .....	1	(D)	-	-	1	(D)
Clinton .....	5	2	3	(Z)	3	1
Decatur .....	4	(Z)	-	-	4	(Z)
Des Moines .....	3	(D)	2	(D)	2	(D)
Dubuque .....	3	(D)	3	(D)	-	-
Grundy .....	1	(D)	1	(D)	-	-
Hardin .....	1	(D)	1	(D)	-	-
Harrison .....	1	(D)	1	(D)	-	-
Iowa .....	1	(D)	-	-	1	(D)
Jackson .....	2	(D)	2	(D)	-	-
Jasper .....	1	(D)	1	(D)	-	-
Johnson .....	3	(Z)	3	(Z)	-	-
Jones .....	1	(D)	-	-	1	(D)
Keokuk .....	1	(D)	-	-	1	(D)
Lee .....	6	2	2	(D)	4	(D)
Linn .....	3	(D)	2	(D)	1	(D)
Lucas .....	1	(D)	1	(D)	-	-
Mills .....	3	(D)	1	(D)	2	(D)
Muscatine .....	2	(D)	2	(D)	-	-
Polk .....	1	(D)	1	(D)	-	-
Pottawattamie .....	2	(D)	1	(D)	1	(D)
Ringgold .....	1	(D)	-	-	1	(D)
Sac .....	1	(D)	1	(D)	-	-
Scott .....	1	(D)	1	(D)	-	-
Tama .....	1	(D)	1	(D)	1	(D)
Van Buren .....	1	(D)	1	(D)	-	-
Warren .....	2	(D)	2	(D)	-	-
Washington .....	3	(D)	3	(D)	-	-
Webster .....	1	(D)	1	(D)	-	-

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**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Number	Farms	Number
<b>PEARS, ALL</b>						
<b>State Total</b>						
Iowa	2002: 64	22	45	14	21	8
	1997: 59	15	(NA)	(NA)	(NA)	(NA)
<b>Counties, 2002</b>						
Appanoose	1	(D)	1	(D)	-	-
Black Hawk	1	(D)	1	(D)	-	-
Boone	1	-	-	-	1	(D)
Butler	1	(D)	-	(D)	-	(D)
Chickasaw	1	(D)	1	(D)	-	-
Clinton	3	(D)	1	(D)	2	(D)
Dallas	3	3	3	3	-	-
Decatur	2	(D)	-	(D)	2	(D)
Des Moines	1	(D)	1	(D)	-	-
Dubuque	3	(D)	3	(D)	-	-
Franklin	1	(D)	1	(D)	-	-
Hardin	1	(D)	1	(D)	-	-
Henry	3	(D)	1	(D)	2	(D)
Jackson	2	(D)	2	(D)	-	-
Jasper	1	(D)	1	(D)	-	-
Jefferson	4	2	-	-	4	2
Johnson	5	1	5	1	-	-
Keokuk	1	(D)	-	(D)	1	(D)
Lee	5	2	2	(D)	3	(D)
Linn	5	2	5	2	-	-
Marion	1	(D)	1	(D)	-	-
Mills	1	(D)	1	(D)	-	-
Polk	2	(D)	2	(D)	-	-
Pottawattamie	1	(D)	1	(D)	-	-
Ringgold	1	(D)	1	(D)	-	-
Scott	1	(D)	1	(D)	-	-
Van Buren	2	(D)	2	(D)	-	-
Wapello	2	(D)	-	(D)	2	(D)
Warren	2	(D)	2	(D)	1	(D)
Washington	2	(D)	2	(D)	-	-
Webster	1	(D)	1	(D)	-	-
Winneshiek	3	(D)	2	(D)	2	(D)
<b>PERSIMMONS</b>						
<b>State Total</b>						
Iowa	2002: 5	1	1	(D)	4	(D)
	1997: 4	1	(NA)	(NA)	(NA)	(NA)
<b>Counties, 2002</b>						
Clinton	1	(D)	-	-	1	(D)
Hardin	1	(D)	-	-	1	(D)
Keokuk	1	(D)	-	-	1	(D)
Louisa	1	(D)	-	-	1	(D)
Polk	1	(D)	1	(D)	-	-
<b>PLUMS AND PRUNES</b>						
<b>State Total</b>						
Iowa	2002: 49	17	31	12	21	5
	1997: 50	14	(NA)	(NA)	(NA)	(NA)
<b>Counties, 2002</b>						
Allamakee	1	(D)	1	(D)	1	(D)
Buchanan	1	(D)	1	(D)	-	-
Butler	1	(D)	-	(D)	1	(D)
Cedar	1	(D)	1	(D)	-	-
Chickasaw	1	(D)	1	(D)	-	-
Clinton	3	(D)	-	(D)	3	(D)
Dallas	2	(D)	1	(D)	1	(D)
Decatur	3	(D)	1	(D)	3	(D)
Floyd	1	(D)	-	(D)	1	(D)
Franklin	1	(D)	1	(D)	-	-
Grundy	1	(D)	1	(D)	-	-
Hardin	2	(D)	1	(D)	1	(D)
Iowa	1	(D)	-	(D)	1	(D)
Jackson	1	(D)	1	(D)	-	-
Jefferson	1	(D)	1	(D)	-	-
Johnson	8	5	8	5	-	-
Lee	5	2	-	-	3	(D)
Linn	3	2	3	(D)	1	(D)
Lucas	1	(D)	-	(D)	1	(D)
Madison	1	(D)	-	(D)	1	(D)
Mills	1	(D)	-	(D)	1	(D)
Muscatine	1	(D)	-	(D)	-	-
Pottawattamie	2	(D)	2	(D)	-	-
Ringgold	1	(D)	-	(D)	1	(D)
Scott	1	(D)	1	(D)	-	-
Van Buren	1	(D)	1	(D)	-	-
Washington	1	(D)	1	(D)	-	-
Winneshiek	2	(D)	1	(D)	1	(D)

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Table 31. **Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Number	Farms	Number
<b>HAZELNUTS (FILBERTS)</b>						
<b>State Total</b>						
Iowa .....	3	1	-	-	3	1
..... 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... 1997						
<b>Counties, 2002</b>						
Jones .....	1	(D)	-	-	1	(D)
Tama .....	1	(D)	-	-	1	(D)
Winneshiek .....	1	(D)	-	-	1	(D)
<b>PECANS</b>						
<b>State Total</b>						
Iowa .....	15	15	1	(D)	15	(D)
..... 2002	5	2	(NA)	(NA)	(NA)	(NA)
..... 1997						
<b>Counties, 2002</b>						
Cedar .....	1	(D)	-	-	1	(D)
Decatur .....	1	(D)	-	-	1	(D)
Des Moines .....	1	(D)	-	-	1	(D)
Hamilton .....	1	(D)	-	-	1	(D)
Hardin .....	1	(D)	-	-	1	(D)
Lee .....	1	(D)	-	-	1	(D)
Louisa .....	1	(D)	-	-	1	(D)
Lucas .....	1	(D)	-	-	1	(D)
Mills .....	1	(D)	1	(D)	1	(D)
Polk .....	2	(D)	-	-	2	(D)
Ringgold .....	1	(D)	-	-	1	(D)
Scott .....	1	(D)	-	-	1	(D)
Shelby .....	1	(D)	-	-	1	(D)
Van Buren .....	1	(D)	-	-	1	(D)
<b>WALNUTS, ENGLISH</b>						
<b>State Total</b>						
Iowa .....	26	122	12	56	18	67
..... 2002	7	13	(NA)	(NA)	(NA)	(NA)
..... 1997						
<b>Counties, 2002</b>						
Allamakee .....	1	(D)	1	(D)	-	-
Bremer .....	2	(D)	-	-	2	(D)
Butler .....	1	(D)	-	-	1	(D)
Cerro Gordo .....	1	(D)	-	-	1	(D)
Clinton .....	1	(D)	1	(D)	-	-
Dubuque .....	1	(D)	-	-	1	(D)
Greene .....	1	(D)	1	(D)	-	-
Harrison .....	4	18	2	(D)	2	(D)
Howard .....	1	(D)	1	(D)	-	-
Jackson .....	3	(D)	2	(D)	2	(D)
Lee .....	2	(D)	1	(D)	2	(D)
Linn .....	1	(D)	-	-	1	(D)
Lucas .....	1	(D)	1	(D)	1	(D)
Polk .....	1	(D)	1	(D)	-	-
Scott .....	1	(D)	-	-	1	(D)
Tama .....	2	(D)	-	-	2	(D)
Van Buren .....	1	(D)	1	(D)	1	(D)
Winneshiek .....	1	(D)	-	-	1	(D)
<b>OTHER FRUITS AND NUTS</b>						
<b>State Total</b>						
Iowa .....	52	722	27	158	38	565
..... 2002	42	372	(NA)	(NA)	(NA)	(NA)
..... 1997						
<b>Counties, 2002</b>						
Allamakee .....	1	(D)	-	-	1	(D)
Appanoose .....	2	(D)	2	(D)	1	(D)
Benton .....	4	(D)	1	(D)	4	11
Black Hawk .....	1	(D)	1	(D)	-	-
Boone .....	1	(D)	1	(D)	1	(D)
Bremer .....	1	(D)	-	-	1	(D)
Butler .....	1	(D)	1	(D)	-	-
Cherokee .....	2	(D)	1	(D)	1	(D)
Clarke .....	1	(D)	-	-	1	(D)
Clayton .....	2	(D)	2	(D)	1	(D)
Clinton .....	2	(D)	1	(D)	2	(D)
Dallas .....	2	(D)	-	-	2	(D)
Decatur .....	3	(D)	1	(D)	3	(D)
Dubuque .....	1	(D)	1	(D)	1	(D)
Fayette .....	2	(D)	1	(D)	2	(D)
Greene .....	1	(D)	1	(D)	-	-
Henry .....	1	(D)	1	(D)	-	-
Iowa .....	2	(D)	-	-	2	(D)
Jackson .....	1	(D)	1	(D)	1	(D)
Jefferson .....	1	(D)	-	-	1	(D)
Jones .....	1	(D)	1	(D)	-	-
Kossuth .....	2	(D)	2	(D)	-	-
Linn .....	3	(D)	2	(D)	1	(D)
Louisa .....	1	(D)	-	-	1	(D)

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**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Number	Farms	Number
<b>OTHER FRUITS AND NUTS - Con.</b>						
<b>Counties, 2002 - Con.</b>						
Mahaska .....	1	(D)	-	-	1	(D)
Muscatine .....	1	(D)	-	-	1	(D)
Polk .....	1	(D)	1	(D)	1	(D)
Pottawattamie .....	1	(D)	-	-	1	(D)
Poweshiek .....	1	(D)	1	(D)	1	(D)
Scott .....	1	(D)	-	-	1	(D)
Wapello .....	1	(D)	1	(D)	-	-
Warren .....	2	(D)	-	-	2	(D)
Washington .....	2	(D)	1	(D)	2	(D)
Winneshiek .....	2	(D)	2	(D)	2	(D)



**Table 32. Berries - Harvested for Sale and Irrigated: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>BERRIES, ALL</b>								
<b>State Total</b>								
Iowa .....	168	228	53	116	185	(D)	49	134
<b>Counties</b>								
Adams .....	2	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Allamakee .....	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Appanoose .....	1	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)
Benton .....	5	2	-	-	3	(D)	2	(D)
Black Hawk .....	8	7	3	7	8	(D)	2	(D)
Boone .....	4	3	1	(D)	(NA)	(NA)	(NA)	(NA)
Bremer .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Buchanan .....	1	(D)	-	-	5	3	1	(D)
Butler .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Carroll .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Cass .....	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Cedar .....	3	(D)	1	(D)	4	(D)	-	-
Cerro Gordo .....	2	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Clarke .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Clay .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Clayton .....	2	(D)	1	(D)	7	4	1	(D)
Clinton .....	1	(D)	1	(D)	3	5	1	(D)
Crawford .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Dallas .....	3	(D)	2	(D)	4	(D)	2	(D)
Davis .....	9	7	5	1	(NA)	(NA)	(NA)	(NA)
Decatur .....	2	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Des Moines .....	1	(D)	1	(D)	3	1	1	(D)
Dickinson .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Dubuque .....	3	(D)	1	(D)	7	5	3	(D)
Fayette .....	2	(D)	1	(D)	6	(D)	2	(D)
Floyd .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Franklin .....	1	(D)	-	-	4	10	1	(D)
Fremont .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Greene .....	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Grundy .....	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Hamilton .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Hancock .....	3	1	1	(D)	3	3	-	-
Hardin .....	3	(D)	1	(D)	5	(D)	-	-
Harrison .....	2	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Henry .....	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Iowa .....	2	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Jackson .....	3	4	1	(D)	5	(D)	-	-
Jasper .....	1	(D)	-	-	3	(D)	-	-
Jefferson .....	1	(D)	1	(D)	3	4	1	(D)
Johnson .....	7	9	1	(D)	9	18	2	(D)
Lee .....	4	3	2	(D)	5	4	2	(D)
Linn .....	12	21	-	-	9	(D)	2	(D)
Louisa .....	1	(D)	1	(D)	3	(D)	3	(D)
Marion .....	1	(D)	1	(D)	3	(D)	-	-
Mills .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Mitchell .....	6	1	-	-	6	2	1	(D)
Monona .....	3	4	2	(D)	(NA)	(NA)	(NA)	(NA)
Monroe .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Muscatine .....	2	(D)	1	(D)	3	(D)	1	(D)
O'Brien .....	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Page .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Palo Alto .....	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Polk .....	3	(D)	1	(D)	4	11	2	(D)
Ringgold .....	2	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Sac .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Scott .....	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Shelby .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Story .....	5	(D)	2	(D)	4	(D)	3	(D)
Tama .....	4	18	2	(D)	3	(D)	1	(D)
Union .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Van Buren .....	1	(D)	-	-	3	(D)	-	-
Wapello .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Warren .....	1	(D)	1	(D)	4	(D)	2	(D)
Washington .....	3	(D)	-	-	3	(D)	-	-
Webster .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Winnebago .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	5	6	-	-	(NA)	(NA)	(NA)	(NA)
Woodbury .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Worth .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)

**Table 33. Berries Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002		1997	
	Farms	Acres	Farms	Acres
<b>BLACKBERRIES</b>				
<b>State Total</b>				
Iowa .....	18	11	14	4
<b>Counties</b>				
Appanoose .....	1	(D)	(NA)	(NA)
Bremer .....	1	(D)	(NA)	(NA)
Clay .....	1	(D)	(NA)	(NA)
Davis .....	1	(D)	(NA)	(NA)
Hardin .....	1	(D)	3	(Z)
Johnson .....	1	(D)	(NA)	(NA)
Lee .....	2	(D)	(NA)	(NA)
Linn .....	4	7	(NA)	(NA)
Monroe .....	1	(D)	(NA)	(NA)
Story .....	1	(D)	(NA)	(NA)
Washington .....	2	(D)	(NA)	(NA)
Winneshiek .....	2	(D)	(NA)	(NA)
<b>BLUEBERRIES, TAME</b>				
<b>State Total</b>				
Iowa .....	11	11	5	3
<b>Counties</b>				
Black Hawk .....	1	(D)	(NA)	(NA)
Clay .....	1	(D)	(NA)	(NA)
Davis .....	1	(D)	(NA)	(NA)
Henry .....	1	(D)	(NA)	(NA)
Jasper .....	1	(D)	(NA)	(NA)
Johnson .....	1	(D)	(NA)	(NA)
Lee .....	2	(D)	(NA)	(NA)
Polk .....	1	(D)	(NA)	(NA)
Story .....	1	(D)	(NA)	(NA)
Van Buren .....	1	(D)	(NA)	(NA)
<b>RASPBERRIES, ALL</b>				
<b>State Total</b>				
Iowa .....	79	38	84	43
<b>Counties</b>				
Adams .....	2	(D)	(NA)	(NA)
Allamakee .....	1	(D)	(NA)	(NA)
Benton .....	3	(Z)	(NA)	(NA)
Black Hawk .....	4	(D)	6	2
Bremer .....	2	(D)	(NA)	(NA)
Butler .....	1	(D)	(NA)	(NA)
Carroll .....	2	(D)	(NA)	(NA)
Cedar .....	1	(D)	(NA)	(NA)
Clarke .....	2	(D)	(NA)	(NA)
Clay .....	1	(D)	(NA)	(NA)
Crawford .....	2	(D)	(NA)	(NA)
Dallas .....	2	(D)	(NA)	(NA)
Dickinson .....	1	(D)	(NA)	(NA)
Dubuque .....	2	(D)	4	2
Fayette .....	2	(D)	(NA)	(NA)
Floyd .....	1	(D)	(NA)	(NA)
Greene .....	1	(D)	(NA)	(NA)
Grundy .....	3	(D)	(NA)	(NA)
Hamilton .....	1	(D)	(NA)	(NA)
Hancock .....	3	(D)	(NA)	(NA)
Harrison .....	1	(D)	(NA)	(NA)
Henry .....	1	(D)	(NA)	(NA)
Iowa .....	1	(D)	(NA)	(NA)
Jefferson .....	1	(D)	(NA)	(NA)
Johnson .....	4	2	6	5
Linn .....	10	2	4	(Z)
Marion .....	1	(D)	(NA)	(NA)
Mills .....	1	(D)	(NA)	(NA)
Mitchell .....	1	(D)	4	2
Muscatine .....	2	(D)	(NA)	(NA)
O'Brien .....	1	(D)	(NA)	(NA)
Palo Alto .....	1	(D)	(NA)	(NA)
Polk .....	1	(D)	(NA)	(NA)
Scott .....	2	(D)	(NA)	(NA)
Shelby .....	1	(D)	(NA)	(NA)
Story .....	3	(D)	4	2
Tama .....	4	6	(NA)	(NA)
Van Buren .....	1	(D)	(NA)	(NA)
Webster .....	1	(D)	(NA)	(NA)
Winneshiek .....	4	(D)	(NA)	(NA)
<b>STRAWBERRIES</b>				
<b>State Total</b>				
Iowa .....	115	167	137	219

--continued

Table 33. Berries Harvested for Sale: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002		1997	
	Farms	Acres	Farms	Acres
<b>STRAWBERRIES - Con.</b>				
<b>Counties</b>				
Allamakee .....	1	(D)	(NA)	(NA)
Benton .....	3	2	3	1
Black Hawk .....	7	6	3	(D)
Boone .....	4	3	(NA)	(NA)
Bremer .....	1	(D)	(NA)	(NA)
Buchanan .....	1	(D)	5	3
Butler .....	1	(D)	(NA)	(NA)
Carroll .....	2	(D)	(NA)	(NA)
Cass .....	1	(D)	(NA)	(NA)
Cedar .....	2	(D)	4	10
Cerro Gordo .....	2	(D)	(NA)	(NA)
Clarke .....	2	(D)	(NA)	(NA)
Clay .....	1	(D)	(NA)	(NA)
Clayton .....	2	(D)	5	1
Clinton .....	1	(D)	(NA)	(NA)
Dallas .....	3	(D)	3	(D)
Davis .....	8	(D)	(NA)	(NA)
Decatur .....	2	(D)	(NA)	(NA)
Des Moines .....	1	(D)	3	1
Dubuque .....	3	(D)	4	3
Fayette .....	1	(D)	5	11
Floyd .....	1	(D)	(NA)	(NA)
Franklin .....	1	(D)	3	(D)
Fremont .....	2	(D)	(NA)	(NA)
Hamilton .....	2	(D)	(NA)	(NA)
Hancock .....	1	(D)	(NA)	(NA)
Hardin .....	2	(D)	3	(D)
Harrison .....	1	(D)	(NA)	(NA)
Henry .....	2	(D)	(NA)	(NA)
Iowa .....	1	(D)	(NA)	(NA)
Jackson .....	3	4	5	15
Jasper .....	1	(D)	(NA)	(NA)
Johnson .....	2	(D)	5	11
Lee .....	2	(D)	(NA)	(NA)
Linn .....	7	12	5	2
Louisa .....	1	(D)	3	4
Mitchell .....	5	(D)	3	(Z)
Monona .....	3	4	(NA)	(NA)
Muscatine .....	1	(D)	3	(D)
O'Brien .....	1	(D)	(NA)	(NA)
Page .....	1	(D)	(NA)	(NA)
Polk .....	2	(D)	(NA)	(NA)
Ringgold .....	2	(D)	(NA)	(NA)
Sac .....	1	(D)	(NA)	(NA)
Scott .....	2	(D)	(NA)	(NA)
Story .....	4	(D)	(NA)	(NA)
Tama .....	3	12	(NA)	(NA)
Union .....	1	(D)	(NA)	(NA)
Van Buren .....	1	(D)	3	1
Wapello .....	2	(D)	(NA)	(NA)
Warren .....	1	(D)	(NA)	(NA)
Washington .....	1	(D)	3	1
Winnebago .....	1	(D)	(NA)	(NA)
Winneshiek .....	4	(D)	(NA)	(NA)
Worth .....	1	(D)	(NA)	(NA)
<b>OTHER BERRIES</b>				
<b>State Total</b>				
Iowa .....	6	2	(NA)	(NA)
<b>Counties</b>				
Grundy .....	1	(D)	(NA)	(NA)
Harrison .....	1	(D)	(NA)	(NA)
Johnson .....	2	(D)	(NA)	(NA)
Story .....	1	(D)	(NA)	(NA)
Woodbury .....	1	(D)	(NA)	(NA)

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>NURSERY, GREENHOUSE, FLORICULTURE, AQUATIC PLANTS, MUSHROOMS, FLOWER SEEDS, VEGETABLE SEEDS, AND SOD HARVESTED, TOTAL (SEE TEXT)</b>						
<b>State Total</b>						
Iowa	567	5,626,896	8,784	(NA)	(NA)	(NA)
<b>Counties</b>						
Adair	2	-	(D)	(NA)	(NA)	(NA)
Adams	2	(D)	(D)	(NA)	(NA)	(NA)
Allamakee	5	20,164	(D)	(NA)	(NA)	(NA)
Appanoose	1	(D)	(D)	(NA)	(NA)	(NA)
Audubon	3	32,000	(D)	(NA)	(NA)	(NA)
Benton	14	31,632	53	(NA)	(NA)	(NA)
Black Hawk	16	191,389	250	(NA)	(NA)	(NA)
Boone	7	(D)	14	(NA)	(NA)	(NA)
Bremer	5	(D)	(D)	(NA)	(NA)	(NA)
Buchanan	3	-	5	(NA)	(NA)	(NA)
Buena Vista	4	(D)	(D)	(NA)	(NA)	(NA)
Butler	2	(D)	(D)	(NA)	(NA)	(NA)
Calhoun	1	(D)	(D)	(NA)	(NA)	(NA)
Carroll	7	15,000	(D)	(NA)	(NA)	(NA)
Cass	2	(D)	(D)	(NA)	(NA)	(NA)
Cedar	10	(D)	45	(NA)	(NA)	(NA)
Cerro Gordo	5	164,000	(D)	(NA)	(NA)	(NA)
Cherokee	3	(D)	(D)	(NA)	(NA)	(NA)
Chickasaw	5	(D)	6	(NA)	(NA)	(NA)
Clay	3	(D)	(D)	(NA)	(NA)	(NA)
Clayton	4	15,400	(D)	(NA)	(NA)	(NA)
Clinton	4	28,288	(D)	(NA)	(NA)	(NA)
Dallas	22	86,000	1,228	(NA)	(NA)	(NA)
Davis	6	(D)	(D)	(NA)	(NA)	(NA)
Decatur	3	(D)	(D)	(NA)	(NA)	(NA)
Delaware	1	(D)	-	(NA)	(NA)	(NA)
Des Moines	7	49,528	15	(NA)	(NA)	(NA)
Dickinson	5	(D)	17	(NA)	(NA)	(NA)
Dubuque	12	6,156	61	(NA)	(NA)	(NA)
Emmet	2	(D)	-	(NA)	(NA)	(NA)
Fayette	4	(D)	(D)	(NA)	(NA)	(NA)
Floyd	6	(D)	(D)	(NA)	(NA)	(NA)
Franklin	8	13,400	24	(NA)	(NA)	(NA)
Fremont	2	(D)	(D)	(NA)	(NA)	(NA)
Greene	4	15,700	(D)	(NA)	(NA)	(NA)
Grundy	1	(D)	-	(NA)	(NA)	(NA)
Guthrie	5	(D)	27	(NA)	(NA)	(NA)
Hamilton	7	(D)	25	(NA)	(NA)	(NA)
Hancock	2	(D)	(D)	(NA)	(NA)	(NA)
Hardin	7	105,360	(D)	(NA)	(NA)	(NA)
Harrison	5	(D)	(D)	(NA)	(NA)	(NA)
Henry	5	(D)	(D)	(NA)	(NA)	(NA)
Howard	1	(D)	(D)	(NA)	(NA)	(NA)
Humboldt	4	34,000	-	(NA)	(NA)	(NA)
Ida	2	-	(D)	(NA)	(NA)	(NA)
Iowa	2	(D)	-	(NA)	(NA)	(NA)
Jackson	5	7,859	(D)	(NA)	(NA)	(NA)
Jasper	8	72,374	(D)	(NA)	(NA)	(NA)
Jefferson	4	(D)	(D)	(NA)	(NA)	(NA)
Johnson	23	58,348	427	(NA)	(NA)	(NA)
Jones	3	(D)	(D)	(NA)	(NA)	(NA)
Keokuk	2	(D)	(D)	(NA)	(NA)	(NA)
Kossuth	2	-	(D)	(NA)	(NA)	(NA)
Lee	8	435,880	11	(NA)	(NA)	(NA)
Linn	20	46,264	430	(NA)	(NA)	(NA)
Louisa	3	-	(D)	(NA)	(NA)	(NA)
Lucas	5	(D)	(D)	(NA)	(NA)	(NA)
Lyon	3	(D)	(D)	(NA)	(NA)	(NA)
Madison	12	25,728	214	(NA)	(NA)	(NA)
Mahaska	4	(D)	(D)	(NA)	(NA)	(NA)
Marion	5	438,830	(D)	(NA)	(NA)	(NA)
Marshall	6	(D)	14	(NA)	(NA)	(NA)
Mills	3	20,879	(D)	(NA)	(NA)	(NA)
Mitchell	13	47,220	13	(NA)	(NA)	(NA)
Monona	2	(D)	-	(NA)	(NA)	(NA)
Monroe	2	-	(D)	(NA)	(NA)	(NA)
Montgomery	2	(D)	(D)	(NA)	(NA)	(NA)
Muscatine	11	74,872	(D)	(NA)	(NA)	(NA)
O'Brien	5	8,176	2	(NA)	(NA)	(NA)
Osceola	1	(D)	-	(NA)	(NA)	(NA)
Page	8	87,872	(D)	(NA)	(NA)	(NA)
Palo Alto	3	(D)	(D)	(NA)	(NA)	(NA)
Plymouth	5	(D)	8	(NA)	(NA)	(NA)
Pocahontas	2	(D)	-	(NA)	(NA)	(NA)
Polk	38	161,922	1,569	(NA)	(NA)	(NA)
Pottawattamie	13	289,306	380	(NA)	(NA)	(NA)
Poweshiek	3	(D)	(D)	(NA)	(NA)	(NA)
Ringgold	1	(D)	-	(NA)	(NA)	(NA)
Sac	9	82,644	(D)	(NA)	(NA)	(NA)
Scott	21	73,290	1,445	(NA)	(NA)	(NA)
Shelby	4	(D)	(D)	(NA)	(NA)	(NA)
Sioux	5	(D)	(D)	(NA)	(NA)	(NA)
Story	11	(D)	47	(NA)	(NA)	(NA)

--continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>NURSERY, GREENHOUSE, FLORICULTURE, AQUATIC PLANTS, MUSHROOMS, FLOWER SEEDS, VEGETABLE SEEDS, AND SOD HARVESTED, TOTAL (SEE TEXT) - Con.</b>						
<b>Counties - Con.</b>						
Tama	2	(D)	(D)	(NA)	(NA)	(NA)
Union	1	-	(D)	(NA)	(NA)	(NA)
Van Buren	3	(D)	(D)	(NA)	(NA)	(NA)
Wapello	6	92,031	(D)	(NA)	(NA)	(NA)
Warren	9	3,266	(D)	(NA)	(NA)	(NA)
Washington	6	49,360	(D)	(NA)	(NA)	(NA)
Wayne	2	(D)	(D)	(NA)	(NA)	(NA)
Webster	5	52,314	(D)	(NA)	(NA)	(NA)
Winneshiek	5	27,386	(D)	(NA)	(NA)	(NA)
Winneshiek	8	16,500	45	(NA)	(NA)	(NA)
Woodbury	11	93,001	33	(NA)	(NA)	(NA)
Worth	3	16,408	-	(NA)	(NA)	(NA)
<b>NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD HARVESTED, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)</b>						
<b>State Total</b>						
Iowa	109	(X)	3,627	110	(X)	1,880
<b>Counties</b>						
Appanoose	1	(X)	(D)	(NA)	(NA)	(NA)
Benton	1	(X)	(D)	(NA)	(NA)	(NA)
Black Hawk	3	(X)	(D)	(NA)	(X)	(D)
Boone	2	(X)	(D)	6	(X)	2
Bremer	1	(X)	(D)	3	(X)	2
Buena Vista	1	(X)	(D)	(NA)	(NA)	(NA)
Butler	1	(X)	(D)	(NA)	(NA)	(NA)
Carroll	1	(X)	(D)	(NA)	(NA)	(NA)
Cedar	1	(X)	(D)	(NA)	(NA)	(NA)
Cerro Gordo	2	(X)	(D)	4	(X)	16
Clay	1	(X)	(D)	(NA)	(NA)	(NA)
Clinton	1	(X)	(D)	(NA)	(NA)	(NA)
Dallas	7	(X)	41	7	(X)	(D)
Des Moines	1	(X)	(D)	(NA)	(NA)	(NA)
Dickinson	4	(X)	5	(NA)	(NA)	(NA)
Dubuque	2	(X)	(D)	(NA)	(NA)	(NA)
Floyd	1	(X)	(D)	(NA)	(NA)	(NA)
Franklin	1	(X)	(D)	(NA)	(NA)	(NA)
Greene	1	(X)	(D)	(NA)	(NA)	(NA)
Guthrie	1	(X)	(D)	(NA)	(NA)	(NA)
Hamilton	3	(X)	(D)	(NA)	(NA)	(NA)
Hancock	2	(X)	(D)	(NA)	(NA)	(NA)
Harrison	2	(X)	(D)	(NA)	(NA)	(NA)
Howard	1	(X)	(D)	(NA)	(NA)	(NA)
Jasper	2	(X)	(D)	(NA)	(NA)	(NA)
Jefferson	1	(X)	(D)	(NA)	(NA)	(NA)
Johnson	6	(X)	273	4	(X)	(D)
Lee	2	(X)	(D)	4	(X)	3
Linn	4	(X)	(D)	7	(X)	7
Louisa	1	(X)	(D)	(NA)	(NA)	(NA)
Lyon	2	(X)	(D)	(NA)	(NA)	(NA)
Madison	1	(X)	(D)	4	(X)	41
Mahaska	1	(X)	(D)	(NA)	(NA)	(NA)
Marion	1	(X)	(D)	(NA)	(NA)	(NA)
Mills	1	(X)	(D)	(NA)	(NA)	(NA)
Mitchell	1	(X)	(D)	(NA)	(NA)	(NA)
Monroe	2	(X)	(D)	(NA)	(NA)	(NA)
Muscatine	2	(X)	(D)	(NA)	(NA)	(NA)
Page	3	(X)	(D)	5	(X)	(D)
Palo Alto	1	(X)	(D)	(NA)	(NA)	(NA)
Plymouth	4	(X)	8	(NA)	(NA)	(NA)
Polk	9	(X)	(D)	8	(X)	62
Pottawattamie	5	(X)	76	(NA)	(NA)	(NA)
Poweshiek	2	(X)	(D)	(NA)	(NA)	(NA)
Sac	1	(X)	(D)	(NA)	(NA)	(NA)
Scott	7	(X)	1,040	5	(X)	598
Story	1	(X)	(D)	5	(X)	12
Tama	1	(X)	(D)	(NA)	(NA)	(NA)
Wayne	1	(X)	(D)	(NA)	(NA)	(NA)
Webster	1	(X)	(D)	(NA)	(NA)	(NA)
Winneshiek	2	(X)	(D)	3	(X)	4
Woodbury	2	(X)	(D)	(NA)	(NA)	(NA)
<b>FLORICULTURE CROPS - BEDDING/GARDEN PLANTS, CUT FLOWERS AND CUT FLORIST GREENS, FOLIAGE PLANTS, AND POTTED FLOWERING PLANTS, TOTAL</b>						
<b>State Total</b>						
Iowa	314	5,043,738	319	(NA)	6,995,175	144

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**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>FLORICULTURE CROPS - BEDDING/GARDEN PLANTS, CUT FLOWERS AND CUT FLORIST GREENS, FOLIAGE PLANTS, AND POTTED FLOWERING PLANTS, TOTAL - Con.</b>						
<b>Counties</b>						
Adams	1	(D)	-	(NA)	(NA)	(NA)
Allamakee	4	(D)	-	(NA)	(D)	-
Appanoose	1	(D)	(D)	(NA)	(NA)	(NA)
Audubon	2	(D)	-	(NA)	(NA)	(NA)
Benton	11	(D)	42	(NA)	24,440	(D)
Black Hawk	8	(D)	(D)	(NA)	694,028	(D)
Boone	3	(D)	(D)	(NA)	(NA)	(NA)
Bremer	3	(D)	(D)	(NA)	(NA)	(NA)
Buena Vista	3	(D)	(D)	(NA)	(D)	(D)
Butler	1	-	(D)	(NA)	(NA)	(NA)
Calhoun	1	(D)	-	(NA)	(NA)	(NA)
Carroll	5	15,000	-	(NA)	(NA)	(NA)
Cass	1	(D)	-	(NA)	(NA)	(NA)
Cedar	6	(D)	26	(NA)	(D)	17
Cerro Gordo	4	(D)	(D)	(NA)	(D)	(D)
Cherokee	3	8,200	(D)	(NA)	(NA)	(NA)
Chickasaw	5	(D)	(D)	(NA)	(NA)	(NA)
Clay	1	(D)	(D)	(NA)	(NA)	(NA)
Clayton	4	(D)	(D)	(NA)	(NA)	(NA)
Clinton	3	28,288	-	(NA)	24,912	(D)
Dallas	9	(D)	9	(NA)	90,072	(D)
Davis	5	(D)	(Z)	(NA)	(D)	-
Decatur	1	(D)	-	(NA)	(NA)	(NA)
Delaware	1	(D)	-	(NA)	(NA)	(NA)
Des Moines	7	42,588	(D)	(NA)	(D)	(D)
Dickinson	2	(D)	(D)	(NA)	(NA)	(NA)
Dubuque	6	6,156	(D)	(NA)	54,673	(D)
Emmet	2	(D)	-	(NA)	(NA)	(NA)
Fayette	1	(D)	-	(NA)	32,132	(D)
Floyd	3	(D)	(D)	(NA)	(NA)	(NA)
Franklin	6	11,800	(D)	(NA)	(D)	2
Fremont	1	(D)	-	(NA)	(D)	(D)
Greene	2	(D)	-	(NA)	(NA)	(NA)
Guthrie	2	(D)	(D)	(NA)	(NA)	(NA)
Hamilton	4	(D)	(D)	(NA)	(NA)	(NA)
Hancock	2	(D)	(D)	(NA)	(NA)	(NA)
Hardin	6	105,360	-	(NA)	100,062	1
Harrison	3	(D)	(D)	(NA)	(NA)	(NA)
Henry	3	(D)	(D)	(NA)	(NA)	(NA)
Howard	1	(D)	(D)	(NA)	(NA)	(NA)
Humboldt	2	(D)	-	(NA)	(NA)	(NA)
Iowa	2	(D)	-	(NA)	(NA)	(NA)
Jackson	2	(D)	-	(NA)	(D)	(D)
Jasper	8	72,374	(D)	(NA)	38,184	(D)
Jefferson	4	(D)	(D)	(NA)	(D)	(D)
Johnson	10	(D)	2	(NA)	(D)	3
Jones	1	(D)	-	(NA)	(D)	(D)
Keokuk	1	(D)	(D)	(NA)	(NA)	(NA)
Lee	6	(D)	(D)	(NA)	355,784	(D)
Linn	6	(D)	-	(NA)	272,700	(D)
Lucas	1	(D)	-	(NA)	(NA)	(NA)
Lyon	1	(D)	-	(NA)	(D)	-
Madison	5	(D)	(D)	(NA)	(D)	17
Mahaska	2	(D)	-	(NA)	96,376	-
Marion	4	438,830	-	(NA)	(D)	-
Marshall	3	(D)	(D)	(NA)	179,248	-
Mills	3	(D)	(D)	(NA)	(NA)	(NA)
Mitchell	5	26,420	-	(NA)	(D)	-
Monona	2	(D)	-	(NA)	(NA)	(NA)
Montgomery	1	(D)	-	(NA)	(NA)	(NA)
Muscatine	8	(D)	3	(NA)	(D)	(D)
O'Brien	4	8,176	(D)	(NA)	(NA)	(NA)
Osceola	1	(D)	-	(NA)	10,460	-
Page	6	87,872	(D)	(NA)	74,788	(D)
Palo Alto	2	(D)	(D)	(NA)	(NA)	(NA)
Plymouth	1	(D)	-	(NA)	(NA)	(NA)
Pocahontas	2	(D)	-	(NA)	8,100	-
Polk	16	142,362	10	(NA)	358,752	(D)
Pottawattamie	6	(D)	(D)	(NA)	(NA)	-
Poweshiek	1	(D)	-	(NA)	(NA)	(NA)
Ringgold	1	(D)	-	(NA)	(NA)	(NA)
Sac	8	72,644	(D)	(NA)	(NA)	(NA)
Scott	6	73,290	(D)	(NA)	(D)	-
Sioux	3	(D)	-	(NA)	(D)	(D)
Story	5	(D)	(D)	(NA)	(D)	(D)
Tama	1	(D)	-	(NA)	(NA)	(NA)
Van Buren	1	(D)	-	(NA)	(NA)	(NA)
Wapello	5	(D)	-	(NA)	(D)	(D)
Warren	4	(D)	(D)	(NA)	(D)	(D)
Washington	4	(D)	(D)	(NA)	(NA)	(NA)
Wayne	2	(D)	(D)	(NA)	(NA)	(NA)
Webster	3	(D)	-	(NA)	(D)	(D)
Winnebago	2	(D)	-	(NA)	26,504	(D)
Winneshiek	4	(D)	(D)	(NA)	(D)	1
Woodbury	9	(D)	(D)	(NA)	(D)	(D)
Worth	3	16,408	-	(NA)	(NA)	(NA)

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Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>BEDDING/GARDEN PLANTS</b>						
<b>State Total</b>						
Iowa .....	254	3,838,850	223	(NA)	4,395,557	81
<b>Counties</b>						
Adams .....	1	(D)	-	(NA)	(NA)	(NA)
Allamakee .....	4	11,464	-	(NA)	7,676	-
Appanoose .....	1	(D)	(D)	(NA)	(NA)	(NA)
Audubon .....	2	(D)	-	(NA)	(NA)	(NA)
Benton .....	10	14,612	(D)	(NA)	15,640	(D)
Black Hawk .....	6	117,689	(D)	(NA)	114,544	(D)
Boone .....	2	(D)	(D)	(NA)	(NA)	(NA)
Bremer .....	2	(D)	-	(NA)	(NA)	(NA)
Buena Vista .....	2	(D)	-	(NA)	(NA)	(NA)
Butler .....	1	-	(D)	(NA)	(NA)	(NA)
Calhoun .....	1	(D)	-	(NA)	(NA)	(NA)
Carroll .....	5	(D)	-	(NA)	(NA)	(NA)
Cass .....	1	(D)	-	(NA)	(NA)	(NA)
Cedar .....	3	(D)	(D)	(NA)	(NA)	(NA)
Cerro Gordo .....	4	(D)	(D)	(NA)	129,170	9
Chickasaw .....	2	(D)	-	(NA)	270,500	(D)
Clay .....	1	(D)	(D)	(NA)	(NA)	(NA)
Clayton .....	3	(D)	(D)	(NA)	(NA)	(D)
Clinton .....	3	(D)	-	(NA)	(NA)	(NA)
Dallas .....	4	(D)	(D)	(NA)	(D)	(D)
Davis .....	2	(D)	-	(NA)	(D)	-
Decatur .....	1	(D)	-	(NA)	(NA)	(NA)
Delaware .....	1	(D)	-	(NA)	(NA)	(NA)
Des Moines .....	6	42,588	9	(NA)	(D)	(D)
Dickinson .....	1	(D)	(D)	(NA)	(NA)	(NA)
Dubuque .....	5	6,156	(D)	(NA)	54,673	(D)
Emmet .....	2	(D)	-	(NA)	(NA)	(NA)
Fayette .....	1	(D)	-	(NA)	32,132	(D)
Floyd .....	3	(D)	(D)	(NA)	(NA)	(NA)
Franklin .....	4	(D)	(D)	(NA)	(D)	1
Greene .....	2	(D)	-	(NA)	(NA)	(NA)
Guthrie .....	2	(D)	(D)	(NA)	(NA)	(NA)
Hamilton .....	1	(D)	-	(NA)	(NA)	(NA)
Hancock .....	2	(D)	(D)	(NA)	(NA)	(NA)
Hardin .....	6	98,100	-	(NA)	(D)	(D)
Harrison .....	1	(D)	-	(NA)	(NA)	(NA)
Henry .....	3	(D)	(D)	(NA)	(NA)	(NA)
Howard .....	1	(D)	(D)	(NA)	(NA)	(NA)
Humboldt .....	2	(D)	-	(NA)	(NA)	(NA)
Jackson .....	2	(D)	-	(NA)	(D)	(D)
Jasper .....	6	72,374	-	(NA)	26,200	-
Jefferson .....	4	(D)	(D)	(NA)	(NA)	(NA)
Johnson .....	5	51,390	(D)	(NA)	41,251	(D)
Jones .....	1	(D)	-	(NA)	(D)	(D)
Keokuk .....	1	(D)	(D)	(NA)	(NA)	(NA)
Lee .....	5	413,000	(D)	(NA)	323,472	9
Linn .....	6	(D)	-	(NA)	207,700	5
Lucas .....	1	(D)	-	(NA)	(NA)	(NA)
Lyon .....	1	(D)	-	(NA)	(D)	-
Madison .....	3	13,200	(D)	(NA)	(D)	(D)
Mahaska .....	2	(D)	-	(NA)	(D)	-
Marion .....	4	(D)	-	(NA)	(NA)	(NA)
Marshall .....	3	(D)	(D)	(NA)	179,248	-
Mills .....	3	(D)	(D)	(NA)	(NA)	(NA)
Mitchell .....	5	26,420	-	(NA)	(D)	-
Monona .....	2	(D)	-	(NA)	(NA)	(NA)
Montgomery .....	1	(D)	-	(NA)	(NA)	(NA)
Muscatine .....	8	40,022	3	(NA)	(D)	(D)
O'Brien .....	4	8,176	(D)	(NA)	(NA)	(NA)
Osceola .....	1	(D)	-	(NA)	10,460	-
Page .....	6	(D)	(D)	(NA)	(D)	(D)
Palo Alto .....	2	(D)	(D)	(NA)	(NA)	(NA)
Plymouth .....	1	(D)	-	(NA)	(NA)	(NA)
Pocahontas .....	2	(D)	-	(NA)	8,100	-
Polk .....	11	(D)	(D)	(NA)	268,312	3
Pottawattamie .....	6	181,707	(D)	(NA)	(NA)	-
Poweshiek .....	1	(D)	-	(NA)	(NA)	(NA)
Ringgold .....	1	(D)	-	(NA)	(NA)	(NA)
Sac .....	8	(D)	(D)	(NA)	(NA)	(NA)
Scott .....	5	(D)	-	(NA)	(D)	-
Sioux .....	3	(D)	-	(NA)	(D)	(D)
Story .....	4	(D)	(D)	(NA)	(D)	-
Tama .....	1	(D)	-	(NA)	(NA)	(NA)
Van Buren .....	1	(D)	-	(NA)	(NA)	(NA)
Wapello .....	5	72,873	-	(NA)	(D)	(D)
Warren .....	2	(D)	-	(NA)	(D)	(D)
Washington .....	4	35,760	(D)	(NA)	(NA)	(NA)
Wayne .....	1	(D)	(D)	(NA)	(NA)	(NA)
Webster .....	3	(D)	-	(NA)	(D)	(D)
Winnebago .....	2	(D)	-	(NA)	(D)	(D)
Winneshiek .....	2	(D)	(D)	(NA)	(NA)	(NA)
Woodbury .....	7	71,000	(D)	(NA)	63,512	(D)
Worth .....	3	16,408	-	(NA)	(NA)	(NA)

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**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>CUT FLOWERS AND CUT FLORIST GREENS</b>						
<b>State Total</b>						
Iowa .....	48	14,649	79	(NA)	32,164	40
<b>Counties</b>						
Benton .....	1	-	(D)	(NA)	(NA)	(NA)
Black Hawk .....	2	-	(D)	(NA)	(NA)	(NA)
Bremer .....	1	-	(D)	(NA)	(NA)	(NA)
Buena Vista .....	1	(D)	(D)	(NA)	(NA)	(NA)
Butler .....	1	-	(D)	(NA)	(NA)	(NA)
Cedar .....	4	-	(D)	(NA)	-	8
Chickasaw .....	2	-	(D)	(NA)	(NA)	(NA)
Dallas .....	7	(D)	(D)	(NA)	(NA)	(NA)
Des Moines .....	1	-	(D)	(NA)	(NA)	(NA)
Dickinson .....	1	-	(D)	(NA)	(NA)	(NA)
Dubuque .....	1	-	(D)	(NA)	(NA)	(NA)
Guthrie .....	1	(D)	(D)	(NA)	(NA)	(NA)
Hamilton .....	1	-	(D)	(NA)	(NA)	(NA)
Harrison .....	2	-	(D)	(NA)	(NA)	(NA)
Henry .....	1	(D)	(D)	(NA)	(NA)	(NA)
Johnson .....	1	-	(D)	(NA)	(NA)	(NA)
Lee .....	1	-	(D)	(NA)	(NA)	(NA)
Madison .....	2	-	(D)	(NA)	(NA)	(NA)
Page .....	1	-	(D)	(NA)	(NA)	(NA)
Polk .....	6	-	(D)	(NA)	(NA)	(NA)
Pottawattamie .....	1	-	(D)	(NA)	(NA)	(NA)
Sioux .....	2	(D)	-	(NA)	(NA)	(NA)
Warren .....	1	(D)	(D)	(NA)	(NA)	(NA)
Wayne .....	1	-	(D)	(NA)	(NA)	(NA)
Winneshiak .....	3	-	(D)	(NA)	(NA)	(NA)
Woodbury .....	1	(D)	-	(NA)	(NA)	(NA)
<b>FOLIAGE PLANTS</b>						
<b>State Total</b>						
Iowa .....	29	122,888	(D)	(NA)	340,294	13
<b>Counties</b>						
Appanoose .....	1	(D)	-	(NA)	(NA)	(NA)
Benton .....	3	6,600	-	(NA)	(NA)	(NA)
Black Hawk .....	2	(D)	-	(NA)	(D)	-
Boone .....	1	(D)	-	(NA)	(NA)	(NA)
Cedar .....	1	(D)	-	(NA)	(NA)	(NA)
Cerro Gordo .....	1	(D)	-	(NA)	(NA)	(NA)
Clayton .....	1	(D)	-	(NA)	(NA)	(NA)
Floyd .....	1	(D)	-	(NA)	(NA)	(NA)
Franklin .....	1	-	(D)	(NA)	(NA)	(NA)
Greene .....	2	(D)	-	(NA)	(NA)	(NA)
Guthrie .....	1	(D)	-	(NA)	(NA)	(NA)
Hardin .....	2	(D)	-	(NA)	(NA)	(NA)
Henry .....	1	(D)	-	(NA)	(NA)	(NA)
Marion .....	1	(D)	-	(NA)	(NA)	(NA)
Montgomery .....	1	(D)	-	(NA)	(NA)	(NA)
Page .....	1	(D)	-	(NA)	(NA)	(NA)
Polk .....	1	(D)	-	(NA)	(D)	(D)
Scott .....	1	(D)	-	(NA)	(NA)	(NA)
Story .....	2	(D)	-	(NA)	(NA)	(NA)
Wapello .....	1	(D)	-	(NA)	(NA)	(NA)
Wayne .....	1	-	(D)	(NA)	(NA)	(NA)
Winneshiak .....	1	(D)	-	(NA)	(NA)	(NA)
Woodbury .....	1	-	(D)	(NA)	(NA)	(NA)
<b>POTTED FLOWERING PLANTS</b>						
<b>State Total</b>						
Iowa .....	91	1,067,351	(D)	(NA)	2,227,160	10
<b>Counties</b>						
Allamakee .....	1	(D)	-	(NA)	(NA)	(NA)
Appanoose .....	1	(D)	(D)	(NA)	(NA)	(NA)
Benton .....	4	(D)	(D)	(NA)	(D)	-
Black Hawk .....	2	(D)	-	(NA)	(D)	(D)
Butler .....	1	-	(D)	(NA)	(NA)	(NA)
Carroll .....	2	(D)	-	(NA)	(NA)	(NA)
Cerro Gordo .....	3	(D)	(D)	(NA)	(D)	-
Cherokee .....	3	8,200	-	(NA)	(NA)	(NA)
Chickasaw .....	1	(D)	-	(NA)	(NA)	(NA)
Clinton .....	2	(D)	-	(NA)	(NA)	(NA)
Dallas .....	1	(D)	-	(NA)	(NA)	(NA)
Davis .....	3	-	(Z)	(NA)	(NA)	(NA)
Decatur .....	1	(D)	-	(NA)	(NA)	(NA)
Fayette .....	1	(D)	-	(NA)	(NA)	(NA)
Floyd .....	2	(D)	-	(NA)	(NA)	(NA)
Franklin .....	2	(D)	-	(NA)	(D)	(D)
Fremont .....	1	(D)	-	(NA)	(NA)	(NA)
Greene .....	2	(D)	-	(NA)	(NA)	(NA)
Guthrie .....	1	(D)	-	(NA)	(NA)	(NA)
Hamilton .....	1	(D)	-	(NA)	(NA)	(NA)

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**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>POTTED FLOWERING PLANTS - Con.</b>						
<b>Counties - Con.</b>						
Hardin .....	4	(D)	-	(NA)	(NA)	(NA)
Henry .....	2	(D)	-	(NA)	(NA)	(NA)
Howard .....	1	(D)	(D)	(NA)	(NA)	(NA)
Iowa .....	2	(D)	-	(NA)	(NA)	(NA)
Jasper .....	2	(D)	(D)	(NA)	(NA)	(NA)
Johnson .....	7	(D)	(D)	(NA)	(NA)	(NA)
Lee .....	1	(D)	-	(NA)	32,312	-
Linn .....	1	(D)	-	(NA)	65,000	(D)
Lucas .....	1	(D)	-	(NA)	(NA)	(NA)
Madison .....	2	(D)	-	(NA)	(NA)	(NA)
Marion .....	4	(D)	-	(NA)	(NA)	(NA)
Montgomery .....	1	(D)	-	(NA)	(NA)	(NA)
Muscatine .....	1	(D)	-	(NA)	(NA)	(NA)
Page .....	1	(D)	-	(NA)	(NA)	(NA)
Polk .....	3	(D)	(D)	(NA)	(NA)	(D)
Pottawattamie .....	3	(D)	-	(NA)	75,000	(NA)
Sac .....	5	(D)	-	(NA)	(NA)	(NA)
Scott .....	2	(D)	(D)	(NA)	(D)	-
Sioux .....	1	(D)	-	(NA)	(NA)	(NA)
Story .....	1	-	(D)	(NA)	(NA)	(NA)
Wapello .....	3	13,791	-	(NA)	(NA)	(NA)
Warren .....	2	(D)	(D)	(NA)	(NA)	(NA)
Washington .....	1	(D)	-	(NA)	(NA)	(NA)
Wayne .....	1	(D)	(D)	(NA)	(NA)	(NA)
Webster .....	2	(D)	-	(NA)	(NA)	(NA)
Woodbury .....	2	(D)	-	(NA)	(NA)	(NA)
<b>AQUATIC PLANTS</b>						
<b>State Total</b>						
Iowa .....	7	26,765	(D)	(NA)	(NA)	(NA)
<b>Counties</b>						
Allamakee .....	1	(D)	-	(NA)	(NA)	(NA)
Des Moines .....	1	(D)	-	(NA)	(NA)	(NA)
Jones .....	1	(D)	(D)	(NA)	(NA)	(NA)
Linn .....	1	(D)	(D)	(NA)	(NA)	(NA)
Polk .....	1	(D)	-	(NA)	(NA)	(NA)
Shelby .....	1	(D)	-	(NA)	(NA)	(NA)
Wapello .....	1	(D)	-	(NA)	(NA)	(NA)
<b>BULBS, CORMS, RHIZOMES, AND TUBERS - DRY</b>						
<b>State Total</b>						
Iowa .....	10	(D)	3	(NA)	(D)	3
<b>Counties</b>						
Cedar .....	1	-	(D)	(NA)	(NA)	(NA)
Cherokee .....	1	(D)	-	(NA)	(NA)	(NA)
Clayton .....	1	(D)	-	(NA)	(NA)	(NA)
Fayette .....	1	(D)	-	(NA)	(NA)	(NA)
Guthrie .....	1	(D)	(D)	(NA)	(NA)	(NA)
Johnson .....	1	-	(D)	(NA)	(NA)	(NA)
Montgomery .....	1	(D)	-	(NA)	(NA)	(NA)
Polk .....	1	-	(D)	(NA)	(NA)	(NA)
Scott .....	1	-	(D)	(NA)	(NA)	(NA)
Story .....	1	-	(D)	(NA)	(NA)	(NA)
<b>FLOWER SEEDS</b>						
<b>State Total</b>						
Iowa .....	16	7,957	(D)	(NA)	(NA)	(NA)
<b>Counties</b>						
Allamakee .....	1	-	(D)	(NA)	(NA)	(NA)
Bremer .....	1	-	(D)	(NA)	(NA)	(NA)
Jackson .....	2	-	(D)	(NA)	(NA)	(NA)
Kossuth .....	2	-	(D)	(NA)	(NA)	(NA)
Lucas .....	1	-	(D)	(NA)	(NA)	(NA)
Marshall .....	2	-	(D)	(NA)	(NA)	(NA)
Pottawattamie .....	1	-	(D)	(NA)	(NA)	(NA)
Sac .....	2	(D)	-	(NA)	(NA)	(NA)
Story .....	1	-	(D)	(NA)	(NA)	(NA)
Wapello .....	1	(D)	-	(NA)	(NA)	(NA)
Wayne .....	1	(D)	(D)	(NA)	(NA)	(NA)
Winneshiek .....	1	-	(D)	(NA)	(NA)	(NA)
<b>GREENHOUSE VEGETABLES</b>						
<b>State Total</b>						
Iowa .....	41	(D)	(X)	33	256,176	(X)

--continued

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>GREENHOUSE VEGETABLES - Con.</b>						
<b>Counties</b>						
Audubon	1	(D)	(X)	(NA)	(NA)	(NA)
Benton	1	(D)	(X)	(NA)	(NA)	(NA)
Black Hawk	2	(D)	(X)	3	2,340	(X)
Dallas	1	(D)	(X)	(NA)	(NA)	(NA)
Des Moines	2	(D)	(X)	(NA)	(NA)	(NA)
Dickinson	1	(D)	(X)	(NA)	(NA)	(NA)
Fayette	3	(D)	(X)	(NA)	(NA)	(NA)
Floyd	1	(D)	(X)	(NA)	(NA)	(NA)
Franklin	2	(D)	(X)	(NA)	(NA)	(NA)
Greene	1	(D)	(X)	(NA)	(NA)	(NA)
Grundy	1	(D)	(X)	(NA)	(NA)	(NA)
Guthrie	1	(D)	(X)	(NA)	(NA)	(NA)
Henry	1	(D)	(X)	(NA)	(NA)	(NA)
Humboldt	2	(D)	(X)	(NA)	(NA)	(NA)
Iowa	2	(D)	(X)	(NA)	(NA)	(NA)
Jackson	1	(D)	(X)	(NA)	(NA)	(NA)
Johnson	1	(D)	(X)	(NA)	(NA)	(NA)
Lee	1	(D)	(X)	(NA)	(NA)	(NA)
Mahaska	1	(D)	(X)	(NA)	(NA)	(NA)
Mitchell	3	(D)	(X)	(NA)	(NA)	(NA)
Montgomery	1	(D)	(X)	(NA)	(NA)	(NA)
Muscatine	2	(D)	(X)	(NA)	(NA)	(NA)
Folk	1	(D)	(X)	(NA)	(NA)	(NA)
Pottawattamie	1	(D)	(X)	(NA)	(NA)	(NA)
Shelby	1	(D)	(X)	(NA)	(NA)	(NA)
Sioux	2	(D)	(X)	(NA)	(NA)	(NA)
Washington	1	(D)	(X)	(NA)	(NA)	(NA)
Wayne	1	(D)	(X)	(NA)	(NA)	(NA)
Winnebago	1	(D)	(X)	(NA)	(NA)	(NA)
Winneshiek	1	(D)	(X)	(NA)	(NA)	(NA)
<b>MUSHROOMS</b>						
<b>State Total</b>						
Iowa	3	(D)	-	(NA)	(NA)	(NA)
<b>Counties</b>						
Clay	1	(D)	-	(NA)	(NA)	(NA)
Mitchell	2	(D)	-	(NA)	(NA)	(NA)
<b>NURSERY STOCK (SEE TEXT)</b>						
<b>State Total</b>						
Iowa	201	144,585	2,509	(NA)	253,682	2,311
<b>Counties</b>						
Adair	1	-	(D)	(NA)	(NA)	(NA)
Adams	1	-	(D)	(NA)	(NA)	(NA)
Benton	4	-	11	(NA)	-	41
Black Hawk	8	(D)	(D)	(NA)	(D)	69
Boone	4	-	(D)	(NA)	-	22
Bremer	1	-	(D)	(NA)	(NA)	(NA)
Buchanan	3	-	5	(NA)	(NA)	(NA)
Butler	1	-	(D)	(NA)	(NA)	(NA)
Carroll	2	-	(D)	(NA)	(NA)	(NA)
Cass	1	-	(D)	(NA)	(NA)	(NA)
Cedar	4	-	(D)	(NA)	(D)	(D)
Cerro Gordo	2	-	(D)	(NA)	-	(D)
Chickasaw	1	-	(D)	(NA)	(NA)	(NA)
Clay	2	-	(D)	(NA)	(NA)	(NA)
Clayton	1	-	(D)	(NA)	(NA)	(NA)
Dallas	9	-	67	(NA)	-	36
Davis	1	-	(D)	(NA)	(NA)	(NA)
Decatur	1	-	(D)	(NA)	(NA)	(NA)
Delaware	1	(D)	-	(NA)	(NA)	(NA)
Des Moines	2	(D)	(D)	(NA)	(NA)	(NA)
Dickinson	3	(D)	(D)	(NA)	(NA)	(NA)
Dubuque	5	-	51	(NA)	(D)	31
Fayette	1	-	(D)	(NA)	(NA)	(NA)
Floyd	3	-	(D)	(NA)	(D)	(D)
Franklin	2	(D)	(D)	(NA)	(NA)	(NA)
Fremont	1	-	(D)	(NA)	(NA)	(NA)
Guthrie	3	-	(D)	(NA)	(NA)	(NA)
Hamilton	2	-	(D)	(NA)	(NA)	(NA)
Hardin	1	-	(D)	(NA)	(NA)	(NA)
Harrison	2	-	(D)	(NA)	(NA)	(NA)
Henry	1	(D)	-	(NA)	(NA)	(NA)
Ida	2	-	(D)	(NA)	(NA)	(NA)
Jefferson	2	-	(D)	(NA)	(NA)	(NA)
Johnson	9	(D)	53	(NA)	-	59
Jones	2	-	(D)	(NA)	-	1
Keokuk	1	-	(D)	(NA)	(NA)	(NA)
Lee	1	-	(D)	(NA)	(NA)	(NA)
Linn	11	-	(D)	(NA)	-	170
Louisa	2	-	(D)	(NA)	(NA)	(NA)
Lucas	3	-	26	(NA)	(NA)	(NA)
Madison	7	-	(D)	(NA)	-	(D)

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**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>NURSERY STOCK (SEE TEXT) - Con.</b>						
<b>Counties - Con.</b>						
Mahaska	2	-	(D)	(NA)	(NA)	(NA)
Marion	1	-	(D)	(NA)	(NA)	(NA)
Marshall	1	-	(D)	(NA)	(NA)	(NA)
Mills	1	(D)	-	(NA)	-	(D)
Mitchell	4	-	13	(NA)	(D)	(D)
Monroe	2	-	(D)	(NA)	(NA)	(NA)
Montgomery	1	-	(D)	(NA)	(NA)	(NA)
Muscatine	3	-	(D)	(NA)	(NA)	(NA)
O'Brien	1	-	(D)	(NA)	(NA)	(NA)
Page	2	-	(D)	(NA)	(NA)	(NA)
Palo Alto	1	-	(D)	(NA)	(NA)	(NA)
Plymouth	3	-	(D)	(NA)	(NA)	(NA)
Polk	19	(D)	(D)	(NA)	(D)	181
Pottawattamie	6	-	(D)	(NA)	-	69
Poweshiek	2	(D)	(D)	(NA)	(NA)	(NA)
Sac	1	-	(D)	(NA)	(NA)	(NA)
Scott	9	-	(D)	(NA)	-	(D)
Shelby	2	-	(D)	(NA)	(D)	(D)
Sioux	1	(D)	-	(NA)	(D)	(NA)
Story	2	-	(D)	(NA)	(D)	34
Tama	1	-	(D)	(NA)	(NA)	(NA)
Union	1	-	(D)	(NA)	(NA)	(NA)
Van Buren	2	-	(D)	(NA)	(NA)	(NA)
Wapello	1	-	(D)	(NA)	(NA)	(NA)
Warren	2	-	(D)	(NA)	(NA)	(NA)
Washington	1	-	(D)	(NA)	(NA)	(NA)
Webster	2	(D)	(D)	(NA)	(NA)	(NA)
Winneshiek	2	-	(D)	(NA)	(NA)	(NA)
Woodbury	3	-	(D)	(NA)	-	(D)
	8	(D)	(D)	(NA)	-	(D)
<b>SOD HARVESTED</b>						
<b>State Total</b>						
Iowa	33	(X)	4,836	50	(X)	4,031
<b>Counties</b>						
Black Hawk	1	(X)	(D)	(NA)	(NA)	(NA)
Cerro Gordo	1	(X)	(D)	3	(X)	169
Chickasaw	1	(X)	(D)	(NA)	(NA)	(NA)
Dallas	6	(X)	1,152	7	(X)	1,642
Dickinson	1	(X)	(D)	(NA)	(NA)	(NA)
Greene	1	(X)	(D)	(NA)	(NA)	(NA)
Hamilton	1	(X)	(D)	(NA)	(NA)	(NA)
Johnson	3	(X)	(D)	(NA)	(NA)	(NA)
Linn	3	(X)	226	7	(X)	698
Louisia	1	(X)	(D)	(NA)	(NA)	(NA)
Marion	1	(X)	(D)	(NA)	(NA)	(NA)
Page	1	(X)	(D)	(NA)	(NA)	(NA)
Polk	4	(X)	(D)	3	(X)	(D)
Scott	5	(X)	1,374	6	(X)	730
Story	1	(X)	(D)	6	(X)	91
Warren	1	(X)	(D)	(NA)	(NA)	(NA)
Webster	1	(X)	(D)	(NA)	(NA)	(NA)
<b>VEGETABLE SEEDS</b>						
<b>State Total</b>						
Iowa	24	22,668	85	(NA)	(NA)	(NA)
<b>Counties</b>						
Adair	1	-	(D)	(NA)	(NA)	(NA)
Benton	1	(D)	-	(NA)	(NA)	(NA)
Cerro Gordo	1	(D)	-	(NA)	(NA)	(NA)
Chickasaw	1	(D)	-	(NA)	(NA)	(NA)
Clinton	1	-	(D)	(NA)	(NA)	(NA)
Dubuque	1	-	(D)	(NA)	(NA)	(NA)
Guthrie	1	(D)	-	(NA)	(NA)	(NA)
Johnson	2	-	(D)	(NA)	(NA)	(NA)
Lyon	2	-	(D)	(NA)	(NA)	(NA)
Marshall	1	-	(D)	(NA)	(NA)	(NA)
Mitchell	1	(D)	-	(NA)	(NA)	(NA)
O'Brien	1	-	(D)	(NA)	(NA)	(NA)
Palo Alto	1	-	(D)	(NA)	(NA)	(NA)
Plymouth	1	-	(D)	(NA)	(NA)	(NA)
Pottawattamie	1	-	(D)	(NA)	(NA)	(NA)
Sac	2	(D)	-	(NA)	(NA)	(NA)
Story	2	-	(D)	(NA)	(NA)	(NA)
Tama	1	-	(D)	(NA)	(NA)	(NA)
Wayne	1	(D)	(D)	(NA)	(NA)	(NA)
Winneshiek	1	-	(D)	(NA)	(NA)	(NA)

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Table 34. **Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>OTHER NURSERY AND GREENHOUSE CROPS</b>						
<b>State Total</b>						
Iowa .....	16	9,502	51	(NA)	(NA)	(NA)
<b>Counties</b>						
Allamakee .....	1	-	(D)	(NA)	(NA)	(NA)
Buena Vista .....	1	-	(D)	(NA)	(NA)	(NA)
Decatur .....	1	-	(D)	(NA)	(NA)	(NA)
Dubuque .....	1	-	(D)	(NA)	(NA)	(NA)
Greene .....	2	(D)	-	(NA)	(NA)	(NA)
Harrison .....	1	-	(D)	(NA)	(NA)	(NA)
Johnson .....	1	-	(D)	(NA)	(NA)	(NA)
Linn .....	1	-	(D)	(NA)	(NA)	(NA)
Madison .....	2	(D)	-	(NA)	(NA)	(NA)
Polk .....	2	-	(D)	(NA)	(NA)	(NA)
Warren .....	2	(D)	-	(NA)	(NA)	(NA)
Woodbury .....	1	-	(D)	(NA)	(NA)	(NA)

**Table 35. Woodland Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Cut Christmas trees (see text) farms, 2002	271	5	1	1	2	-	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	2,578	14	(D)	(D)	(D)	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut 2002	57,254	210	(D)	(D)	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops farms, 2002	112	1	-	2	-	1	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	1,004	(D)	-	(D)	-	(D)	24
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested 2002	236	-	-	(D)	-	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) farms, 2002	56	-	-	-	-	-	-
1997	11	(NA)	(NA)	2	(NA)	(NA)	(NA)
Number of taps 2002	5,348	-	-	-	-	-	-
1997	5,202	(NA)	(NA)	(D)	(NA)	(NA)	(NA)
Gallons produced 2002	1,077	-	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Cut Christmas trees (see text) farms, 2002	11	3	3	3	-	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	134	11	54	5	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut 2002	2,750	195	(D)	442	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops farms, 2002	-	1	1	1	-	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	-	(D)	(D)	(D)	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested 2002	-	(D)	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) farms, 2002	-	2	1	2	-	-	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of taps 2002	-	(D)	(D)	(D)	-	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gallons produced 2002	-	(D)	(D)	(D)	-	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Cut Christmas trees (see text) farms, 2002	3	-	5	-	1	4	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	10	-	18	-	(D)	34	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut 2002	-	-	466	-	(D)	1,231	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops farms, 2002	-	-	1	-	-	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	-	-	(D)	-	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested 2002	-	-	(D)	-	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) farms, 2002	-	-	-	-	-	2	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of taps 2002	-	-	-	-	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gallons produced 2002	-	-	-	-	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Cut Christmas trees (see text) farms, 2002	-	5	1	2	5	6	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	-	17	(D)	(D)	25	58	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut 2002	-	(D)	(D)	(D)	573	1,143	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops farms, 2002	1	3	-	-	3	3	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	(D)	3	-	-	3	3	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested 2002	-	-	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) farms, 2002	-	2	-	-	1	3	-
1997	(NA)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of taps 2002	-	(D)	-	-	(D)	57	-
1997	(NA)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Gallons produced 2002	-	(D)	-	-	(D)	5	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 35. Woodland Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Cut Christmas trees (see text) farms, 2002	5	-	2	6	-	2	5	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	20	-	(D)	28	-	(D)	112	14
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut 2002	1,375	-	(D)	(D)	-	(D)	(D)	523
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops farms, 2002	1	3	-	5	-	1	3	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	(D)	(D)	-	(D)	-	(D)	3	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested 2002	-	(D)	-	(D)	-	-	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) farms, 2002	-	1	-	1	-	3	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of taps 2002	-	(D)	-	(D)	-	590	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gallons produced 2002	-	(D)	-	(D)	-	90	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Cut Christmas trees (see text) farms, 2002	3	-	4	2	5	-	4	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	13	-	17	(D)	28	-	20	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut 2002	205	-	(D)	(D)	514	-	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops farms, 2002	-	1	-	-	-	1	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	-	(D)	-	-	-	(D)	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested 2002	-	-	-	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) farms, 2002	2	-	-	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of taps 2002	(D)	-	-	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gallons produced 2002	(D)	-	-	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Cut Christmas trees (see text) farms, 2002	5	1	-	3	1	4	3	3
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	26	(D)	-	23	(D)	6	40	11
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut 2002	225	(D)	-	(D)	(D)	263	870	180
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops farms, 2002	1	1	-	-	-	-	-	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	(D)	(D)	-	-	-	-	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested 2002	(D)	-	-	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) farms, 2002	-	-	-	-	-	4	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of taps 2002	-	-	-	-	-	(D)	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gallons produced 2002	-	-	-	-	-	17	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Cut Christmas trees (see text) farms, 2002	13	4	-	4	1	5	2	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	109	204	-	12	(D)	54	(D)	99
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut 2002	2,440	806	-	(D)	(D)	1,799	(D)	1,420
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops farms, 2002	5	3	2	-	1	2	-	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production 2002	8	98	(D)	-	(D)	(D)	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested 2002	3	(D)	(D)	-	-	(D)	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) farms, 2002	4	2	-	1	-	1	-	-
1997	1	1	(NA)	(NA)	(NA)	2	(NA)	(NA)
Number of taps 2002	310	(D)	-	(D)	-	(D)	-	-
1997	(D)	(D)	(NA)	(NA)	(NA)	(D)	(NA)	(NA)
Gallons produced 2002	56	(D)	-	(D)	-	(D)	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 35. Woodland Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Cut Christmas trees (see text) . . . . . farms, 2002	-	7	2	2	4	-	5	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	-	109	(D)	(D)	46	-	91	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut . . . . . 2002	-	5,283	(D)	(D)	(D)	-	225	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops . . . . . farms, 2002	-	2	-	2	-	1	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	-	(D)	-	(D)	-	(D)	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested . . . . . 2002	-	(D)	-	(D)	-	(D)	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) . . . . . farms, 2002	-	-	-	-	-	-	3	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of taps . . . . . 2002	-	-	-	-	-	-	16	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gallons produced . . . . . 2002	-	-	-	-	-	-	3	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Cut Christmas trees (see text) . . . . . farms, 2002	2	-	4	2	-	-	4	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	(D)	-	12	(D)	-	-	13	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut . . . . . 2002	(D)	-	(D)	(D)	-	-	220	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops . . . . . farms, 2002	-	-	1	-	2	-	1	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	-	-	(D)	-	(D)	-	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested . . . . . 2002	-	-	(D)	-	-	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) . . . . . farms, 2002	2	-	-	-	-	2	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of taps . . . . . 2002	(D)	-	-	-	-	(D)	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gallons produced . . . . . 2002	(D)	-	-	-	-	(D)	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Cut Christmas trees (see text) . . . . . farms, 2002	2	11	3	2	-	1	1	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	(D)	145	32	(D)	-	(D)	(D)	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut . . . . . 2002	(D)	4,224	(D)	(D)	-	(D)	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops . . . . . farms, 2002	1	9	2	-	-	-	-	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	(D)	89	(D)	-	-	-	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested . . . . . 2002	-	(D)	(D)	-	-	-	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) . . . . . farms, 2002	-	-	-	-	-	-	1	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(NA)
Number of taps . . . . . 2002	-	-	-	-	-	-	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gallons produced . . . . . 2002	-	-	-	-	-	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Cut Christmas trees (see text) . . . . . farms, 2002	3	7	1	-	3	2	6	11
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	(D)	46	(D)	-	10	(D)	28	88
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut . . . . . 2002	(D)	1,477	(D)	-	(D)	(D)	997	1,390
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops . . . . . farms, 2002	3	2	2	2	-	1	3	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	3	(D)	(D)	(D)	-	(D)	15	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested . . . . . 2002	-	-	(D)	-	-	-	(D)	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) . . . . . farms, 2002	-	-	1	-	-	1	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of taps . . . . . 2002	-	-	(D)	-	-	(D)	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gallons produced . . . . . 2002	-	-	(D)	-	-	(D)	-	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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**Table 35. Woodland Crops: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Cut Christmas trees (see text) . . . . . farms, 2002	1	-	1	-	8	5	-	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	(D)	-	(D)	-	113	16	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut . . . . . 2002	(D)	-	-	-	4,860	(D)	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops . . . . . farms, 2002	3	-	-	-	3	2	-	2
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	81	-	-	-	17	(D)	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested . . . . . 2002	(D)	-	-	-	(D)	-	-	(D)
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Maple syrup (see text) . . . . . farms, 2002	2	-	-	-	4	-	1	3
1997	(NA)	(NA)	(NA)	(NA)	3	(NA)	(NA)	(NA)
Number of taps . . . . . 2002	(D)	-	-	-	(D)	-	(D)	13
1997	(NA)	(NA)	(NA)	(NA)	3,892	(NA)	(NA)	(NA)
Gallons produced . . . . . 2002	(D)	-	-	-	(D)	-	(D)	4
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)



**Table 36. Grain Storage Capacity: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Grain storage capacity (see text)			Farms with capacity by North American Industry Classification System	
	Farms	Bushels	Average bushels per farm	Crop production (111)	Animal production (112)
<b>STATE TOTAL</b>					
Iowa .....	43,720	1,518,789,638	34,739	30,738	12,982
<b>COUNTIES</b>					
Adair .....	397	11,688,767	29,443	254	143
Adams .....	253	7,892,943	31,197	164	89
Allamakee .....	422	8,811,588	20,881	156	266
Appanoose .....	226	3,495,524	15,467	114	112
Audubon .....	311	12,049,625	38,745	212	99
Benton .....	661	22,009,376	33,297	524	137
Black Hawk .....	470	19,717,999	41,953	372	98
Boone .....	370	15,922,295	43,033	318	52
Bremer .....	533	15,573,336	29,218	397	136
Buchanan .....	611	24,635,062	40,319	441	170
Buena Vista .....	486	19,172,391	39,449	365	121
Butler .....	543	19,909,863	36,666	427	116
Calhoun .....	409	13,529,536	33,080	343	66
Carroll .....	612	17,261,115	28,204	400	212
Cass .....	394	16,043,035	40,718	293	101
Cedar .....	525	21,204,292	40,389	408	117
Cerro Gordo .....	408	20,660,128	50,638	339	69
Cherokee .....	498	17,345,203	34,830	337	161
Chickasaw .....	467	16,211,579	34,714	315	152
Clarke .....	267	3,718,460	13,927	140	127
Clay .....	359	13,565,850	37,788	302	57
Clayton .....	679	16,402,964	24,158	288	391
Clinton .....	695	22,344,165	32,150	510	185
Crawford .....	523	20,955,168	40,067	368	155
Dallas .....	285	10,942,535	38,395	252	33
Davis .....	353	5,968,382	16,908	174	179
Decatur .....	216	4,331,906	20,055	108	108
Delaware .....	811	24,490,480	30,198	370	441
Des Moines .....	267	7,438,515	27,860	237	30
Dickinson .....	243	9,386,067	38,626	200	43
Dubuque .....	790	15,198,819	19,239	253	537
Emmet .....	284	15,722,210	55,360	248	36
Fayette .....	686	21,441,570	31,256	407	279
Floyd .....	460	22,481,714	48,873	350	110
Franklin .....	458	22,090,070	48,232	364	94
Fremont .....	303	17,042,750	56,247	267	36
Greene .....	328	11,997,213	36,577	290	38
Grundy .....	413	16,392,544	39,691	335	78
Guthrie .....	334	11,655,554	34,897	237	97
Hamilton .....	387	22,831,771	58,997	320	67
Hancock .....	504	22,972,161	45,580	426	78
Hardin .....	435	21,577,403	49,603	335	100
Harrison .....	445	22,558,488	50,693	379	66
Henry .....	281	11,065,900	39,380	196	85
Howard .....	392	13,237,254	33,769	264	128
Humboldt .....	332	11,362,722	34,225	293	39
Ida .....	345	14,031,664	40,671	257	88
Iowa .....	449	14,499,069	32,292	304	145
Jackson .....	637	11,369,267	17,848	246	391
Jasper .....	576	19,915,609	34,576	442	134
Jefferson .....	326	9,636,045	29,558	213	113
Johnson .....	566	15,132,099	26,735	345	221
Jones .....	596	19,304,818	32,391	363	233
Keokuk .....	504	18,162,710	36,037	328	176
Kossuth .....	871	42,359,024	48,633	717	154
Lee .....	344	10,205,508	29,667	231	113
Linn .....	600	18,750,292	31,250	486	114
Louisa .....	278	10,386,900	37,363	224	54
Lucas .....	195	3,191,800	16,368	80	115
Lyon .....	556	16,466,064	29,615	310	246
Madison .....	337	7,566,216	22,452	228	109
Mahaska .....	489	16,250,644	33,232	307	182
Marion .....	382	10,510,851	27,515	286	96
Marshall .....	373	17,597,843	47,179	307	66
Mills .....	274	12,521,992	45,707	247	27
Mitchell .....	445	18,288,184	41,097	263	182
Monona .....	348	14,608,470	41,978	285	63
Monroe .....	207	3,547,805	17,139	104	103
Montgomery .....	298	9,962,059	33,430	234	64
Muscatine .....	407	14,000,779	34,400	331	76
O'Brien .....	611	18,566,020	30,386	433	178
Osceola .....	340	13,151,760	38,682	258	82
Page .....	460	11,957,654	25,995	323	137
Palo Alto .....	424	19,412,510	45,784	344	80
Plymouth .....	823	26,011,370	31,606	558	265
Pocahontas .....	482	19,253,150	39,944	418	64
Polk .....	206	9,207,198	44,695	175	31
Pottawattamie .....	723	29,393,583	40,655	604	119
Poweshiek .....	451	14,002,259	31,047	359	92
Ringgold .....	274	5,507,162	20,099	151	123
Sac .....	464	18,134,891	39,084	352	112
Scott .....	426	15,124,049	35,502	339	87
Shelby .....	590	20,514,164	34,770	458	132
Sioux .....	854	24,904,291	29,162	414	440
Story .....	503	22,024,052	43,785	437	66
Tama .....	560	16,341,371	29,181	444	116
Taylor .....	325	9,411,182	28,957	199	126
Union .....	218	4,583,101	21,023	114	104

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**Table 36. Grain Storage Capacity: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Grain storage capacity (see text)			Farms with capacity by North American Industry Classification System	
	Farms	Bushels	Average bushels per farm	Crop production (111)	Animal production (112)
<b>COUNTIES - Con.</b>					
Van Buren .....	309	5,683,172	18,392	190	119
Wapello .....	236	6,653,108	28,318	178	58
Warren .....	384	8,317,442	21,660	247	137
Washington .....	591	17,699,238	29,948	337	254
Wayne .....	267	6,853,160	25,667	151	116
Webster .....	451	17,294,855	38,348	410	41
Winnebago .....	308	18,371,936	59,649	263	45
Winneshiek .....	694	14,158,148	20,401	309	385
Woodbury .....	530	20,957,632	39,543	412	118
Worth .....	303	15,073,303	49,747	263	40
Wright .....	384	19,625,873	51,109	368	16

**Table 37. Commodities Raised and Delivered Under Production Contracts: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Farms	Number	Item	Farms	Number
<b>BROILERS AND OTHER MEAT-TYPE CHICKENS</b>			<b>CUSTOM FED CATTLE</b>		
<b>State Total</b>			<b>State Total</b>		
Iowa .....	58	9,233,613	Iowa .....	505	326,880
<b>Counties</b>			<b>Counties</b>		
Adams .....	4	1,485,000	Adair .....	6	1,652
Allamakee .....	1	(D)	Adams .....	6	3,975
Buchanan .....	15	482,530	Allamakee .....	3	440
Cass .....	1	(D)	Appanoose .....	1	(D)
Clayton .....	3	68,000	Audubon .....	4	(D)
Floyd .....	2	(D)	Benton .....	6	2,632
Hamilton .....	2	(D)	Black Hawk .....	3	(D)
Howard .....	2	(D)	Bremer .....	2	(D)
Jackson .....	1	(D)	Buchanan .....	7	1,906
Johnson .....	2	(D)	Buena Vista .....	1	(D)
Lyon .....	3	(D)	Butler .....	4	181
Mitchell .....	4	110,023	Calhoun .....	2	(D)
O'Brien .....	2	(D)	Carroll .....	16	21,535
Ringgold .....	1	(D)	Cass .....	6	3,830
Sioux .....	6	2,442,060	Cedar .....	4	380
Taylor .....	2	(D)	Cerro Gordo .....	2	(D)
Union .....	1	(D)	Cherokee .....	6	494
Washington .....	3	33,000	Chickasaw .....	6	1,145
Winneshiak .....	3	254,800	Clarke .....	3	1,410
			Clay .....	1	(D)
<b>EGGS, CHICKEN (DOZENS)</b>			Clayton .....	10	633
<b>State Total</b>			Clinton .....	6	(D)
Iowa .....	50	66,261,343	Crawford .....	3	(D)
<b>Counties</b>			Dallas .....	2	(D)
Boone .....	2	(D)	Davis .....	6	1,706
Cass .....	1	(D)	Decatur .....	6	3,366
Cerro Gordo .....	2	(D)	Delaware .....	10	(D)
Clay .....	1	(D)	Dickinson .....	3	(D)
Clayton .....	2	(D)	Dubuque .....	14	2,889
Crawford .....	1	(D)	Emmet .....	5	4,072
Dallas .....	7	1,043,259	Fayette .....	14	1,678
Hardin .....	1	(D)	Floyd .....	2	(D)
Humboldt .....	2	(D)	Franklin .....	2	(D)
Jasper .....	2	(D)	Fremont .....	2	(D)
Johnson .....	4	(D)	Greene .....	5	12,500
Lyon .....	4	(D)	Grundy .....	6	(D)
Mitchell .....	4	(D)	Guthrie .....	1	(D)
O'Brien .....	3	9,876,667	Hancock .....	1	(D)
Osceola .....	2	(D)	Hardin .....	4	(D)
Palo Alto .....	1	(D)	Henry .....	4	467
Pocahontas .....	1	(D)	Howard .....	5	1,442
Sac .....	1	(D)	Humboldt .....	3	(D)
Sioux .....	6	12,568,226	Ida .....	1	(D)
Washington .....	5	1,109,041	Iowa .....	5	4,168
Winneshiak .....	1	(D)	Jackson .....	7	1,307
<b>PULLETS FOR LAYING FLOCK REPLACEMENT</b>			Jasper .....	2	(D)
<b>State Total</b>			Jefferson .....	7	728
Iowa .....	21	2,829,862	Johnson .....	3	285
<b>Counties</b>			Jones .....	8	5,900
Black Hawk .....	1	(D)	Keokuk .....	1	(D)
Buchanan .....	2	(D)	Kossuth .....	9	3,819
Buena Vista .....	2	(D)	Lee .....	3	98
Clay .....	2	(D)	Linn .....	2	(D)
Dallas .....	6	222,950	Lucas .....	3	510
Floyd .....	1	(D)	Lyon .....	37	19,180
Johnson .....	2	(D)	Mahaska .....	5	(D)
Mitchell .....	1	(D)	Marion .....	6	318
Osceola .....	1	(D)	Marshall .....	3	(D)
Sioux .....	1	(D)	Mitchell .....	17	5,358
Washington .....	3	30,188	Monona .....	3	(D)
<b>TURKEYS</b>			Montgomery .....	4	(D)
<b>State Total</b>			Muscatine .....	2	(D)
Iowa .....	20	1,568,460	O'Brien .....	19	12,838
<b>Counties</b>			Osceola .....	8	3,360
Buena Vista .....	4	667,400	Page .....	7	2,323
Butler .....	1	(D)	Palo Alto .....	5	2,674
Cherokee .....	1	(D)	Plymouth .....	9	4,565
Clayton .....	1	(D)	Pocahontas .....	3	2,600
Hamilton .....	2	(D)	Pottawattamie .....	7	10,549
Henry .....	5	150,600	Poweshiek .....	3	160
Johnson .....	1	(D)	Ringgold .....	2	(D)
Muscatine .....	1	(D)	Sac .....	3	(D)
Sioux .....	1	(D)	Scott .....	1	(D)
Washington .....	2	(D)	Shelby .....	3	(D)
Worth .....	1	(D)	Sioux .....	67	88,475
			Story .....	1	(D)
			Tama .....	4	610
			Taylor .....	2	(D)
			Union .....	4	822
			Van Buren .....	2	(D)
			Wapello .....	2	(D)
			Warren .....	2	(D)
			Washington .....	6	916
			Winnebago .....	1	(D)
			Winneshiak .....	2	(D)
			Woodbury .....	7	6,739
			Worth .....	3	475
			Wright .....	1	(D)

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**Table 37. Commodities Raised and Delivered Under Production Contracts: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Farms	Number	Item	Farms	Number
<b>HOGS AND PIGS</b>			<b>HOGS AND PIGS - Con.</b>		
<b>State Total</b>			<b>Counties - Con.</b>		
Iowa .....	3,272	16,468,777	Wayne .....	2	(D)
<b>Counties</b>			Webster .....	23	200,034
Adair .....	4	31,452	Winnebago .....	17	44,857
Adams .....	8	47,296	Winneshieki .....	22	135,870
Allamakee .....	19	157,002	Woodbury .....	19	48,537
Audubon .....	25	233,866	Worth .....	10	23,853
Benton .....	25	32,793	Wright .....	18	109,912
Black Hawk .....	40	71,907	<b>OTHER LIVESTOCK, POULTRY, OR</b>		
Boone .....	11	18,231	<b>AQUACULTURE</b>		
Bremer .....	28	173,585	<b>State Total</b>		
Buchanan .....	52	138,059	Iowa .....	14	(X)
Buena Vista .....	79	397,607	<b>Counties</b>		
Butler .....	61	155,480	Dubuque .....	1	(X)
Calhoun .....	43	255,842	Lyon .....	2	(X)
Carroll .....	72	449,860	Pottawattamie .....	1	(X)
Cass .....	12	49,947	Shelby .....	1	(X)
Cedar .....	22	85,623	Sioux .....	9	(X)
Cerro Gordo .....	33	100,181	<b>GRAINS AND OILSEEDS</b>		
Cherokee .....	47	198,351	<b>State Total</b>		
Chickasaw .....	27	110,532	Iowa .....	859	(X)
Clarke .....	2	(D)	<b>Counties</b>		
Clay .....	42	514,822	Adair .....	5	(X)
Clayton .....	41	88,465	Adams .....	14	(X)
Clinton .....	16	51,450	Allamakee .....	4	(X)
Crawford .....	46	282,724	Benton .....	14	(X)
Dallas .....	13	88,010	Black Hawk .....	13	(X)
Davis .....	12	40,268	Boone .....	9	(X)
Decatur .....	3	(D)	Bremer .....	9	(X)
Delaware .....	70	158,232	Buchanan .....	12	(X)
Des Moines .....	7	13,550	Buena Vista .....	6	(X)
Dickinson .....	13	28,090	Butler .....	16	(X)
Dubuque .....	41	100,182	Calhoun .....	2	(X)
Emmet .....	27	220,160	Carroll .....	10	(X)
Fayette .....	59	197,956	Cass .....	6	(X)
Floyd .....	26	141,841	Cedar .....	6	(X)
Franklin .....	71	522,700	Cerro Gordo .....	8	(X)
Fremont .....	4	15,900	Cherokee .....	1	(X)
Greene .....	33	157,807	Chickasaw .....	3	(X)
Grundy .....	45	105,986	Clarke .....	1	(X)
Guthrie .....	19	95,503	Clay .....	8	(X)
Hamilton .....	50	636,426	Clayton .....	3	(X)
Hancock .....	47	339,375	Clinton .....	13	(X)
Hardin .....	65	409,875	Crawford .....	5	(X)
Harrison .....	10	52,747	Dallas .....	10	(X)
Henry .....	28	112,401	Davis .....	1	(X)
Howard .....	40	125,122	Decatur .....	4	(X)
Humboldt .....	23	300,153	Delaware .....	15	(X)
Ida .....	18	44,655	Des Moines .....	8	(X)
Iowa .....	15	35,723	Dickinson .....	4	(X)
Jackson .....	14	25,492	Dubuque .....	3	(X)
Jasper .....	41	130,225	Emmet .....	3	(X)
Jefferson .....	21	64,743	Fayette .....	9	(X)
Johnson .....	29	78,899	Floyd .....	11	(X)
Jones .....	21	40,468	Franklin .....	6	(X)
Keokuk .....	38	105,838	Fremont .....	9	(X)
Kossuth .....	67	569,528	Greene .....	5	(X)
Lee .....	12	64,470	Grundy .....	18	(X)
Linn .....	17	26,365	Guthrie .....	3	(X)
Louisa .....	33	278,481	Hamilton .....	12	(X)
Lucas .....	12	35,880	Hancock .....	7	(X)
Lyon .....	157	663,283	Hardin .....	9	(X)
Madison .....	7	53,908	Harrison .....	3	(X)
Mahaska .....	46	208,375	Henry .....	6	(X)
Marion .....	10	54,820	Howard .....	6	(X)
Marshall .....	23	174,972	Humboldt .....	13	(X)
Mills .....	1	(D)	Iowa .....	9	(X)
Mitchell .....	48	195,267	Jackson .....	7	(X)
Monona .....	6	24,600	Jasper .....	17	(X)
Monroe .....	4	11,164	Jefferson .....	6	(X)
Montgomery .....	4	5,077	Johnson .....	10	(X)
Muscatine .....	10	48,980	Jones .....	5	(X)
O'Brien .....	129	534,353	Keokuk .....	10	(X)
Osceola .....	64	270,602	Kossuth .....	19	(X)
Page .....	16	36,675	Lee .....	5	(X)
Palo Alto .....	39	367,626	Linn .....	10	(X)
Plymouth .....	139	793,183	Louisa .....	9	(X)
Pocahontas .....	32	192,405	Lucas .....	6	(X)
Polk .....	5	8,405	Lyon .....	12	(X)
Pottawattamie .....	14	76,340	Madison .....	6	(X)
Poweshiek .....	10	37,911	Mahaska .....	16	(X)
Ringgold .....	13	102,825	Marion .....	9	(X)
Sac .....	77	337,752	Marshall .....	16	(X)
Scott .....	15	39,256	Mills .....	5	(X)
Shelby .....	45	181,737	Mitchell .....	11	(X)
Sioux .....	270	1,252,736	Monona .....	7	(X)
Story .....	26	53,775			
Tama .....	20	44,314			
Taylor .....	2	(D)			
Union .....	17	414,132			
Van Buren .....	11	148,653			
Wapello .....	10	31,018			
Warren .....	8	24,093			
Washington .....	84	448,293			

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**Table 37. Commodities Raised and Delivered Under Production Contracts: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Farms	Number	Item	Farms	Number
<b>GRAINS AND OILSEEDS - Con.</b>			<b>GRAINS AND OILSEEDS - Con.</b>		
<b>Counties - Con.</b>			<b>Counties - Con.</b>		
Monroe .....	2	(X)	Worth .....	7	(X)
Montgomery .....	4	(X)	Wright .....	11	(X)
Muscatine .....	14	(X)			
O'Brien .....	12	(X)	<b>VEGETABLES, MELONS, POTATOES, AND SWEET POTATOES</b>		
Osceola .....	6	(X)	<b>State Total</b>		
Page .....	8	(X)	Iowa .....	5	(X)
Palo Alto .....	7	(X)	<b>Counties</b>		
Plymouth .....	10	(X)	Kossuth .....	2	(X)
Pocahontas .....	3	(X)	Mitchell .....	2	(X)
Polk .....	12	(X)	Winnebago .....	1	(X)
			<b>OTHER CROPS (SEE TEXT)</b>		
Pottawattamie .....	17	(X)	<b>State Total</b>		
Poweshiek .....	7	(X)	Iowa .....	10	(X)
Ringgold .....	2	(X)	<b>Counties</b>		
Sac .....	21	(X)	Adams .....	2	(X)
Scott .....	3	(X)	Henry .....	1	(X)
Shelby .....	14	(X)	Jackson .....	1	(X)
Sioux .....	28	(X)	Linn .....	1	(X)
Story .....	23	(X)	Louisa .....	1	(X)
Tama .....	17	(X)	Madison .....	2	(X)
Taylor .....	5	(X)	Shelby .....	1	(X)
			Story .....	1	(X)
Union .....	8	(X)			
Van Buren .....	2	(X)			
Wapello .....	12	(X)			
Warren .....	6	(X)			
Washington .....	9	(X)			
Wayne .....	3	(X)			
Webster .....	24	(X)			
Winnebago .....	6	(X)			
Winneshiek .....	11	(X)			
Woodbury .....	17	(X)			

### Table 38. Machinery and Equipment on Operation: 2002 and 1997

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton	
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment								
..... farms, 2002	88,859	845	548	1,045	819	615	1,190	
..... farms, 1997	96,655	834	609	1,027	862	684	1,284	
..... \$1,000, 2002	8,923,379	91,501	28,443	111,693	32,209	67,229	121,603	
..... \$1,000, 1997	7,694,453	60,281	40,373	68,874	38,050	58,894	114,573	
Average per farm	dollars, 2002	100,422	108,285	51,903	106,884	39,327	109,315	102,187
..... dollars, 1997	79,607	72,280	66,293	67,063	44,141	86,102	89,232	
<b>Farms by value group:</b>								
\$1 to \$9,999	2002	20,917	249	112	210	364	111	223
..... farms, 1997	15,733	107	87	134	164	116	124	
\$10,000 to \$19,999	2002	9,377	122	93	113	61	52	123
..... farms, 1997	14,528	166	94	106	186	98	172	
\$20,000 to \$29,999	2002	7,835	62	101	156	52	55	109
..... farms, 1997	10,230	100	137	148	116	55	183	
\$30,000 to \$49,999	2002	9,920	75	47	150	145	84	125
..... farms, 1997	12,044	152	98	85	174	88	150	
\$50,000 to \$69,999	2002	7,190	84	91	38	35	54	91
..... farms, 1997	9,003	56	31	168	91	113	68	
\$70,000 to \$99,999	2002	6,898	27	59	106	64	16	95
..... farms, 1997	8,315	110	49	115	61	19	147	
\$100,000 to \$199,999	2002	12,846	105	19	127	62	136	208
..... farms, 1997	15,703	93	62	231	54	81	282	
\$200,000 to \$499,999	2002	11,024	82	20	103	34	85	192
..... farms, 1997	9,977	27	49	36	7	107	136	
\$500,000 or more	2002	2,852	39	6	42	2	22	24
..... farms, 1997	1,122	23	2	4	9	7	22	
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Tractors	farms, 2002	83,313	785	540	1,002	799	614	1,083
..... farms, 1997	90,063	768	567	980	803	598	1,174	
..... number, 2002	266,070	2,446	1,337	2,755	1,608	1,868	3,803	
..... number, 1997	267,556	2,395	1,587	2,975	1,818	1,720	3,646	
Less than 40 horsepower (PTO)	farms, 2002	37,582	373	177	436	258	292	464
..... farms, 1997	40,591	383	208	496	266	223	562	
..... number, 2002	58,562	560	279	610	412	361	746	
..... number, 1997	63,530	710	311	811	339	388	791	
40 to 99 horsepower (PTO)	farms, 2002	60,593	575	376	745	523	408	921
..... farms, 1997	66,970	566	349	771	621	404	843	
..... number, 2002	106,497	1,021	591	1,352	736	735	1,755	
..... number, 1997	113,867	912	642	1,478	1,042	718	1,538	
100 horsepower (PTO) or more	farms, 2002	49,844	460	326	420	300	350	646
..... farms, 1997	51,763	530	362	426	338	371	700	
..... number, 2002	101,011	865	467	793	460	772	1,302	
..... number, 1997	90,159	773	634	686	437	614	1,317	
Grain and bean combines (see text)	farms, 2002	41,026	362	207	253	174	294	530
..... farms, 1997	44,377	470	283	293	276	341	696	
..... number, 2002	44,901	410	210	277	193	335	554	
..... number, 1997	48,235	488	319	300	284	365	757	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
..... farms, 1997	-	-	-	-	-	-	-	-
..... number, 2002	-	-	-	-	-	-	-	-
..... number, 1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	2,773	16	19	61	19	11	12
..... farms, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... number, 2002	2,912	16	19	71	27	11	12	
..... number, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	27,147	384	235	417	334	152	442
..... farms, 1997	29,761	303	249	551	386	148	431	
..... number, 2002	31,293	429	273	525	354	190	503	
..... number, 1997	35,669	392	298	755	530	195	537	
<b>2002 INVENTORY</b>								
Manufactured 1998 to 2002:								
Tractors	farms	10,464	104	38	83	65	94	125
..... farms	number	15,881	190	44	171	99	102	209
Less than 40 horsepower (PTO)	farms	2,510	11	2	20	19	14	32
..... farms	number	2,877	11	(D)	20	19	(D)	33
40 to 99 horsepower (PTO)	farms	2,558	26	19	31	23	1	42
..... farms	number	3,118	47	(D)	54	23	(D)	53
100 horsepower (PTO) or more	farms	6,777	70	20	73	46	79	85
..... farms	number	9,886	132	22	97	57	86	123
Grain and bean combines	farms	5,548	87	7	34	12	34	62
..... farms	number	5,789	89	9	34	12	35	62
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
..... farms	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	282	1	-	11	-	1	9
..... farms	number	292	(D)	-	11	-	(D)	9
Hay balers	farms	1,842	33	16	38	50	3	15
..... farms	number	1,886	33	16	38	50	3	15
Manufactured prior to 1998:								
Tractors	farms	80,693	754	540	983	763	600	1,069
..... farms	number	250,189	2,256	1,293	2,584	1,509	1,766	3,594
Less than 40 horsepower (PTO)	farms	35,526	363	176	417	239	278	461
..... farms	number	55,685	549	(D)	590	393	(D)	713
40 to 99 horsepower (PTO)	farms	59,045	552	360	733	513	407	902
..... farms	number	103,379	974	(D)	1,298	713	(D)	1,702
100 horsepower (PTO) or more	farms	47,796	437	325	384	283	327	621
..... farms	number	91,125	733	445	696	403	686	1,179
Grain and bean combines	farms	35,853	278	200	219	165	262	468
..... farms	number	39,112	321	201	243	181	300	492

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>VALUE OF MACHINERY AND EQUIPMENT</b>							
Estimated market value of all machinery and equipment							
farms, 2002	929	828	961	1,053	826	1,073	713
1997	1,061	919	1,048	1,205	903	1,157	828
\$1,000, 2002	99,112	106,611	116,666	110,766	103,061	88,474	105,822
1997	88,165	88,966	79,033	91,307	91,222	76,953	95,655
Average per farm	dollars, 2002	106,687	128,757	121,400	105,191	124,771	148,418
1997	83,096	96,807	75,413	75,773	101,021	66,511	115,525
Farms by value group:							
\$1 to \$9,999	2002	214	225	236	167	130	243
1997	162	210	162	164	72	175	43
\$10,000 to \$19,999	2002	51	75	92	153	101	15
1997	156	81	182	231	64	178	63
\$20,000 to \$29,999	2002	84	19	78	49	55	106
1997	138	60	192	69	106	203	81
\$30,000 to \$49,999	2002	147	122	79	167	90	140
1997	128	74	76	232	114	135	52
\$50,000 to \$69,999	2002	89	63	83	132	51	132
1997	52	157	118	68	87	95	86
\$70,000 to \$99,999	2002	62	48	88	65	78	99
1997	88	57	57	141	78	129	89
\$100,000 to \$199,999	2002	132	87	99	130	137	120
1997	214	112	122	174	258	155	201
\$200,000 to \$499,999	2002	103	159	170	148	113	138
1997	115	144	129	117	116	80	134
\$500,000 or more	2002	47	30	36	42	33	19
1997	8	24	10	9	8	7	8
<b>SELECTED MACHINERY AND EQUIPMENT</b>							
Tractors	farms, 2002	902	794	958	1,027	706	922
1997	1,042	857	983	1,040	856	1,078	788
number, 2002	3,033	2,597	3,254	3,523	2,528	3,389	2,636
1997	2,833	2,554	2,865	3,262	2,853	3,149	2,665
Less than 40 horsepower (PTO)	farms, 2002	396	439	494	606	340	497
1997	511	434	530	467	380	489	381
number, 2002	663	634	811	949	523	879	790
1997	738	754	792	745	633	767	696
40 to 99 horsepower (PTO)	farms, 2002	765	521	748	785	532	655
1997	724	558	784	818	640	845	462
number, 2002	1,353	865	1,531	1,359	865	1,295	755
1997	1,061	840	1,316	1,374	1,023	1,440	895
100 horsepower (PTO) or more	farms, 2002	529	418	497	675	572	637
1997	584	504	494	703	629	639	531
number, 2002	1,017	1,098	912	1,215	1,140	1,215	1,091
1997	1,034	960	757	1,143	1,197	942	1,074
Grain and bean combines (see text)	farms, 2002	447	409	417	454	448	505
1997	501	415	533	595	566	554	553
number, 2002	464	456	432	526	495	549	456
1997	511	463	541	627	636	602	653
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	33	5	38	77	34	-
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	34	6	38	77	43	-	49
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers	farms, 2002	341	227	279	411	127	369
1997	236	272	362	406	177	460	138
number, 2002	398	249	352	437	171	435	233
1997	277	298	400	455	201	510	140
<b>2002 INVENTORY</b>							
Manufactured 1998 to 2002:							
Tractors	farms	145	108	136	105	97	66
number	239	168	182	145	173	84	77
Less than 40 horsepower (PTO)	farms	27	15	7	5	21	21
number	27	17	7	5	26	-	23
40 to 99 horsepower (PTO)	farms	53	15	44	15	4	13
number	53	17	45	15	5	20	13
100 horsepower (PTO) or more	farms	96	81	94	91	81	57
number	159	134	130	125	142	64	56
Grain and bean combines	farms	104	107	61	42	76	72
number	107	107	61	47	77	82	45
Cotton pickers and strippers	farms	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	8	1	-	-	-	-
number	8	(D)	-	-	-	-	-
Hay balers	farms	1	20	9	1	3	1
number	(D)	20	9	(D)	3	(D)	3
Manufactured prior to 1998:							
Tractors	farms	859	780	944	1,011	686	921
number	2,794	2,429	3,072	3,378	2,355	3,305	2,544
Less than 40 horsepower (PTO)	farms	370	425	491	601	330	497
number	636	617	804	944	497	879	767
40 to 99 horsepower (PTO)	farms	715	515	748	770	529	652
number	1,300	848	1,486	1,344	860	1,275	742
100 horsepower (PTO) or more	farms	492	414	448	665	551	623
number	858	964	782	1,090	998	1,151	1,035
Grain and bean combines	farms	343	304	356	415	386	436
number	357	349	371	479	418	467	410

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke	
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment								
farms, 2002	982	708	944	780	837	899	713	
1997	1,150	851	1,020	881	922	977	737	
\$1,000, 2002	126,317	83,544	98,771	102,607	83,677	101,855	36,688	
1997	118,076	62,342	101,174	83,416	84,206	78,420	30,562	
Average per farm	dollars, 2002	128,632	118,000	104,630	131,548	99,972	51,455	
1997	102,675	73,258	99,190	94,683	91,330	80,267	41,469	
Farms by value group:								
\$1 to \$9,999	2002	97	156	182	179	164	150	243
1997	84	219	165	110	87	252	139	
\$10,000 to \$19,999	2002	66	102	123	98	61	25	138
1997	111	77	108	132	66	79	189	
\$20,000 to \$29,999	2002	93	62	36	63	40	76	
1997	85	114	73	79	72	69	35	
\$30,000 to \$49,999	2002	144	33	108	31	114	117	35
1997	159	73	129	87	187	155	133	
\$50,000 to \$69,999	2002	54	77	95	79	76	115	71
1997	157	76	123	60	83	103	70	
\$70,000 to \$99,999	2002	105	53	106	39	51	98	57
1997	94	47	57	101	57	41	14	
\$100,000 to \$199,999	2002	215	101	112	133	178	209	65
1997	303	146	192	212	173	192	74	
\$200,000 to \$499,999	2002	161	92	159	114	115	125	19
1997	143	94	158	82	134	62	20	
\$500,000 or more	2002	47	32	23	44	14	20	9
1997	14	5	15	18	6	24	1	
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Tractors	farms, 2002	964	699	885	755	718	896	696
1997	1,060	758	956	803	873	895	679	
number, 2002	3,787	2,415	2,776	2,287	2,833	3,112	1,552	
1997	3,803	2,320	3,199	2,351	2,759	2,832	1,881	
Less than 40 horsepower (PTO)	farms, 2002	460	392	525	435	315	540	355
1997	467	310	372	389	345	402	339	
number, 2002	759	658	628	565	650	848	392	
1997	756	424	552	575	611	607	617	
40 to 99 horsepower (PTO)	farms, 2002	727	518	592	459	621	677	434
1997	842	622	785	576	679	702	551	
number, 2002	1,378	926	1,119	675	1,045	1,163	683	
1997	1,660	1,069	1,582	944	1,109	1,325	860	
100 horsepower (PTO) or more	farms, 2002	741	435	524	449	586	506	300
1997	814	445	594	485	620	502	279	
number, 2002	1,650	831	1,029	1,047	1,138	1,101	477	
1997	1,387	827	1,065	832	1,039	900	404	
Grain and bean combines (see text)	farms, 2002	677	381	497	524	425	466	181
1997	701	427	540	454	543	516	253	
number, 2002	735	392	515	562	486	493	184	
1997	743	458	563	506	579	540	264	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	55	7	3	4	91	37	19
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	55	9	3	4	92	37	19	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	326	314	242	253	170	426	300
1997	301	310	345	183	292	423	308	
number, 2002	358	350	296	264	192	477	333	
1997	346	372	402	196	334	493	380	
<b>2002 INVENTORY</b>								
Manufactured 1998 to 2002:								
Tractors	farms	140	81	194	120	87	84	51
number	178	152	248	229	124	181	77	
Less than 40 horsepower (PTO)	farms	17	5	151	20	-	16	14
number	19	5	152	29	-	30	14	
40 to 99 horsepower (PTO)	farms	47	11	21	4	29	14	19
number	49	11	42	5	30	16	28	
100 horsepower (PTO) or more	farms	95	69	34	111	60	59	35
number	110	136	54	195	94	135	35	
Grain and bean combines	farms	79	61	102	131	44	42	5
number	80	62	105	133	45	43	5	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	1	2	-	-	-	-	-
number	(D)	(D)	-	-	-	-	-	
Hay balers	farms	11	17	30	9	36	3	41
number	11	18	30	10	36	3	41	
Manufactured prior to 1998:								
Tractors	farms	953	685	769	711	703	886	695
number	3,609	2,263	2,528	2,058	2,709	2,931	1,475	
Less than 40 horsepower (PTO)	farms	448	388	383	415	315	538	342
number	740	653	476	536	650	818	378	
40 to 99 horsepower (PTO)	farms	712	516	591	455	608	666	433
number	1,329	915	1,077	670	1,015	1,147	655	
100 horsepower (PTO) or more	farms	727	420	522	379	570	502	290
number	1,540	695	975	852	1,044	966	442	
Grain and bean combines	farms	599	320	396	395	383	425	178
number	655	330	410	429	441	450	179	

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur	
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment								
farms, 2002	673	1,584	1,198	887	922	991	777	
1997	703	1,740	1,353	1,171	998	962	804	
\$1,000, 2002	81,400	145,467	116,624	107,201	76,735	44,213	64,605	
1997	78,379	114,258	90,637	103,306	83,032	35,891	34,252	
Average per farm	dollars, 2002	120,950	91,835	97,349	120,858	83,227	44,614	83,147
1997	111,492	65,666	66,990	88,220	83,198	37,309	42,602	
Farms by value group:								
\$1 to \$9,999	2002	114	330	223	243	363	301	271
1997	106	338	269	249	256	296	232	
\$10,000 to \$19,999	2002	83	190	91	65	87	162	113
1997	68	217	190	105	106	235	144	
\$20,000 to \$29,999	2002	27	144	152	51	85	135	28
1997	23	172	168	77	108	67	189	
\$30,000 to \$49,999	2002	59	192	155	99	91	153	74
1997	87	323	238	135	120	129	66	
\$50,000 to \$69,999	2002	41	136	116	55	61	86	60
1997	28	166	114	95	72	103	52	
\$70,000 to \$99,999	2002	39	198	97	120	25	31	63
1997	74	142	45	139	84	37	45	
\$100,000 to \$199,999	2002	126	218	167	119	89	70	46
1997	180	231	203	233	124	78	40	
\$200,000 to \$499,999	2002	170	122	167	79	91	50	95
1997	131	146	122	122	115	15	36	
\$500,000 or more	2002	14	5	30	56	30	2	
1997	6	5	4	16	13	3	-	
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Tractors	farms, 2002	591	1,530	1,139	794	878	955	725
1997	676	1,656	1,253	1,119	855	854	756	
number, 2002	1,918	4,730	4,025	2,365	2,594	2,130	1,829	
1997	2,238	4,999	3,751	3,352	2,339	1,828	1,632	
Less than 40 horsepower (PTO)	farms, 2002	278	808	389	201	424	328	322
1997	256	645	530	434	393	366	339	
number, 2002	418	1,289	529	337	706	445	564	
1997	419	1,180	798	667	615	449	510	
40 to 99 horsepower (PTO)	farms, 2002	423	1,028	1,000	442	638	748	453
1997	506	1,342	1,013	802	615	561	529	
number, 2002	671	1,854	2,074	775	917	944	705	
1997	812	2,352	1,842	1,471	909	813	789	
100 horsepower (PTO) or more	farms, 2002	443	800	671	672	413	464	318
1997	504	914	662	606	467	342	249	
number, 2002	829	1,587	1,422	1,253	971	741	560	
1997	1,007	1,467	1,111	1,214	815	566	333	
Grain and bean combines (see text)	farms, 2002	390	483	536	471	326	229	143
1997	461	596	629	532	373	314	129	
number, 2002	428	543	571	492	334	241	166	
1997	518	644	674	560	406	316	129	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	24	44	66	38	14	10	30
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	33	45	76	38	14	10	30	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	146	703	410	207	217	469	341
1997	280	803	399	355	194	474	288	
number, 2002	148	912	461	282	227	576	408	
1997	300	1,069	444	455	257	589	321	
<b>2002 INVENTORY</b>								
Manufactured 1998 to 2002:								
Tractors	farms	73	134	111	145	91	57	56
number	114	155	182	192	220	118	73	
Less than 40 horsepower (PTO)	farms	33	58	50	27	23	11	-
number	34	58	52	27	34	11	-	
40 to 99 horsepower (PTO)	farms	25	20	45	22	28	14	46
number	25	21	52	22	38	14	46	
100 horsepower (PTO) or more	farms	39	58	58	118	59	43	19
number	55	76	78	143	148	93	27	
Grain and bean combines	farms	90	34	58	104	57	35	14
number	91	34	61	107	59	36	15	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	9	4	2	1	1	2	11
number	18	4	(D)	(D)	(D)	(D)	(D)	
Hay balers	farms	22	23	3	47	1	68	115
number	22	23	3	47	(D)	68	116	
Manufactured prior to 1998:								
Tractors	farms	558	1,523	1,128	788	852	933	703
number	1,804	4,575	3,843	2,173	2,374	2,012	1,756	
Less than 40 horsepower (PTO)	farms	245	751	351	175	413	317	322
number	384	1,231	477	310	672	434	564	
40 to 99 horsepower (PTO)	farms	399	1,015	988	437	616	735	409
number	646	1,833	2,022	753	879	930	659	
100 horsepower (PTO) or more	farms	430	798	649	667	382	444	306
number	774	1,511	1,344	1,110	823	648	533	
Grain and bean combines	farms	301	451	482	372	275	194	131
number	337	509	510	385	275	205	151	

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	
<b>VALUE OF MACHINERY AND EQUIPMENT</b>									
Estimated market value of all machinery and equipment									
farms, 2002	1,251	657	478	1,457	509	1,321	870	823	
1997	1,318	696	550	1,665	555	1,368	910	898	
\$1,000, 2002	144,096	58,424	54,809	129,277	59,837	153,954	97,894	95,145	
1997	117,811	47,238	43,570	111,409	56,352	113,883	80,700	93,155	
Average per farm	dollars, 2002	115,184	88,925	114,663	88,728	117,558	112,522	115,608	
1997	89,386	67,870	79,218	66,912	101,536	83,248	88,682	103,736	
Farms by value group:									
\$1 to \$9,999	2002	212	85	86	382	31	297	161	159
1997	115	190	61	269	39	181	168	65	
\$10,000 to \$19,999	2002	163	122	41	124	48	164	85	136
1997	150	102	112	216	86	139	96	217	
\$20,000 to \$29,999	2002	86	73	40	146	32	102	69	69
1997	84	53	60	166	64	115	103	72	
\$30,000 to \$49,999	2002	109	62	80	119	133	122	153	44
1997	241	52	69	167	63	167	117	67	
\$50,000 to \$69,999	2002	102	64	20	173	37	105	66	80
1997	138	64	53	322	67	217	51	62	
\$70,000 to \$99,999	2002	81	56	17	111	50	137	86	65
1997	158	83	35	171	46	164	33	94	
\$100,000 to \$199,999	2002	309	115	95	206	63	154	114	97
1997	256	72	100	254	83	94	251	221	
\$200,000 to \$499,999	2002	140	58	87	158	97	169	109	135
1997	167	77	52	89	83	110	119	104	
\$500,000 or more	2002	49	22	12	38	18	71	27	38
1997	9	3	8	11	13	24	2	25	
<b>SELECTED MACHINERY AND EQUIPMENT</b>									
Tractors	farms, 2002	1,138	654	475	1,434	487	1,263	783	756
1997	1,228	640	524	1,553	507	1,321	828	853	
number, 2002	4,201	1,989	1,724	4,658	1,828	4,126	3,077	3,017	
1997	3,810	1,820	1,602	4,567	1,623	3,997	2,643	2,756	
Less than 40 horsepower (PTO)	farms, 2002	479	176	227	519	194	657	478	354
1997	467	293	238	571	258	605	436	423	
number, 2002	677	302	356	643	354	1,039	756	830	
1997	650	389	451	816	384	889	652	614	
40 to 99 horsepower (PTO)	farms, 2002	829	561	397	1,148	366	836	610	566
1997	1,034	448	358	1,254	399	1,023	608	577	
number, 2002	1,828	972	592	2,277	652	1,531	1,206	1,055	
1997	1,807	786	548	2,411	(D)	1,888	(D)	1,015	
100 horsepower (PTO) or more	farms, 2002	804	358	360	875	393	718	481	530
1997	818	363	333	816	341	698	568	625	
number, 2002	1,696	715	776	1,738	822	1,556	1,115	1,132	
1997	1,353	645	603	1,340	(D)	1,220	(D)	1,127	
Grain and bean combines (see text)	farms, 2002	626	375	325	380	422	590	448	469
1997	658	344	332	545	291	571	378	550	
number, 2002	659	397	351	445	429	659	543	512	
1997	720	357	385	587	314	597	417	585	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	52	-	38	77	13	38	25	29
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	52	-	42	77	13	38	25	29	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	438	214	74	773	83	369	293	205
1997	654	175	108	826	129	586	251	243	
number, 2002	511	234	75	964	91	428	327	215	
1997	843	214	123	1,052	145	737	288	297	
<b>2002 INVENTORY</b>									
Manufactured 1998 to 2002:									
Tractors	farms	130	71	23	112	48	197	75	89
	number	329	136	26	144	51	248	160	136
Less than 40 horsepower (PTO)	farms	7	20	-	77	-	23	18	4
	number	9	36	-	86	-	23	18	4
40 to 99 horsepower (PTO)	farms	40	28	10	8	7	92	5	21
	number	155	28	10	10	7	92	6	22
100 horsepower (PTO) or more	farms	102	52	13	32	41	95	55	77
	number	165	72	16	48	44	133	136	110
Grain and bean combines	farms	89	26	13	34	52	36	54	111
	number	89	26	13	34	52	38	64	115
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	14	-	-	14	-	8	-	1
	number	14	-	-	14	-	8	-	(D)
Hay balers	farms	36	7	1	88	1	11	-	22
	number	36	7	(D)	88	(D)	12	-	23
Manufactured prior to 1998:									
Tractors	farms	1,126	654	466	1,391	486	1,179	780	752
	number	3,872	1,853	1,698	4,514	1,777	3,878	2,917	2,881
Less than 40 horsepower (PTO)	farms	473	164	227	453	194	643	460	352
	number	668	266	356	557	354	1,016	738	826
40 to 99 horsepower (PTO)	farms	809	561	388	1,146	366	754	608	547
	number	1,673	944	582	2,267	645	1,439	1,200	1,033
100 horsepower (PTO) or more	farms	774	347	359	871	383	710	469	513
	number	1,531	643	760	1,690	778	1,423	979	1,022
Grain and bean combines	farms	537	350	312	347	374	555	409	362
	number	570	371	338	411	377	621	479	397

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment								
farms, 2002	519	729	716	846	781	827	833	809
1997	603	802	792	911	831	895	903	942
\$1,000, 2002	58,415	96,525	108,163	73,882	128,054	92,210	108,039	84,801
1997	56,429	75,088	96,805	59,443	99,691	93,169	88,481	95,202
Average per farm	112,553	132,408	151,066	87,331	163,962	111,500	129,699	104,822
2002	93,581	93,626	122,229	65,250	119,965	104,099	97,985	101,064
1997								
Farms by value group:								
\$1 to \$9,999	159	198	93	368	169	166	255	177
1997	51	94	95	180	99	87	120	124
\$10,000 to \$19,999	15	44	54	75	62	72	79	113
1997	60	89	94	122	66	86	94	93
\$20,000 to \$29,999	59	58	63	64	56	27	26	53
1997	78	59	9	190	64	64	142	76
\$30,000 to \$49,999	22	81	76	74	36	72	67	50
1997	112	120	75	97	102	82	77	66
\$50,000 to \$69,999	38	26	28	49	73	76	77	116
1997	88	129	98	99	69	86	71	143
\$70,000 to \$99,999	32	83	128	33	81	119	38	68
1997	25	71	60	60	81	130	68	171
\$100,000 to \$199,999	98	73	119	84	116	175	118	106
1997	97	87	197	87	194	237	175	128
\$200,000 to \$499,999	69	96	111	77	104	90	145	106
1997	81	145	133	63	137	109	140	118
\$500,000 or more	27	70	44	22	84	30	28	20
1997	11	8	31	13	26	14	16	23
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Tractors								
farms, 2002	501	726	682	809	771	775	787	740
1997	554	725	768	864	771	829	818	898
number, 2002	1,986	2,699	2,277	2,127	2,601	3,005	2,723	2,202
1997	1,744	2,596	2,336	2,340	2,378	3,052	2,898	2,634
Less than 40 horsepower (PTO)								
farms, 2002	99	437	283	417	409	461	334	275
1997	202	254	294	399	319	490	391	350
number, 2002	126	616	391	507	651	722	519	337
1997	341	537	381	575	467	804	584	542
40 to 99 horsepower (PTO)								
farms, 2002	338	576	526	457	497	644	599	453
1997	384	523	552	682	505	620	570	645
number, 2002	1,018	1,062	842	880	823	1,035	1,069	963
1997	735	1,020	988	1,057	880	957	1,290	(D)
100 horsepower (PTO) or more								
farms, 2002	371	459	464	378	535	537	507	450
1997	348	560	489	431	564	634	580	605
number, 2002	842	1,021	1,044	740	1,127	1,248	1,135	902
1997	668	1,039	967	708	1,031	1,291	1,024	(D)
Grain and bean combines (see text)								
farms, 2002	308	557	446	344	430	597	434	454
1997	324	440	473	411	443	648	525	511
number, 2002	387	599	475	389	483	671	485	520
1997	392	449	535	455	483	669	581	559
Cotton pickers and strippers								
farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)								
farms, 2002	21	19	11	12	27	11	4	22
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	21	19	11	12	27	11	4	22
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers								
farms, 2002	80	86	96	142	101	282	109	196
1997	107	147	189	290	77	236	189	182
number, 2002	85	97	110	149	126	298	134	229
1997	128	157	214	368	79	275	218	209
<b>2002 INVENTORY</b>								
Manufactured 1998 to 2002:								
Tractors								
farms	102	89	137	58	143	118	107	220
number	126	178	215	121	251	147	170	295
Less than 40 horsepower (PTO)								
farms	7	1	22	1	33	10	5	110
number	9	(D)	22	(D)	36	10	9	121
40 to 99 horsepower (PTO)								
farms	13	14	39	13	34	3	29	25
number	13	(D)	41	(D)	56	4	39	27
100 horsepower (PTO) or more								
farms	93	88	101	54	90	108	84	109
number	104	162	152	107	159	133	122	147
Grain and bean combines								
farms	57	79	100	28	69	37	98	78
number	59	93	112	30	75	37	99	91
Cotton pickers and strippers								
farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)								
farms	-	-	-	-	-	-	1	8
number	-	-	-	-	-	-	(D)	8
Hay balers								
farms	6	11	-	12	-	-	15	42
number	6	11	-	12	-	-	15	42
Manufactured prior to 1998:								
Tractors								
farms	479	715	628	801	740	773	762	631
number	1,860	2,521	2,062	2,006	2,350	2,858	2,553	1,907
Less than 40 horsepower (PTO)								
farms	94	437	262	416	389	460	331	165
number	117	(D)	369	(D)	615	712	510	216
40 to 99 horsepower (PTO)								
farms	331	575	490	455	468	643	583	441
number	1,005	(D)	801	(D)	767	1,031	1,030	936
100 horsepower (PTO) or more								
farms	347	436	437	368	487	507	487	432
number	738	859	892	633	968	1,115	1,013	755
Grain and bean combines								
farms	256	490	354	322	366	564	342	405
number	328	506	363	359	408	634	386	429

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment								
farms, 2002	812	872	605	604	983	1,335	1,193	768
1997	900	918	628	670	1,049	1,353	1,274	831
\$1,000, 2002	67,355	87,142	71,706	61,740	98,088	89,171	116,645	54,364
1997	65,045	67,157	87,907	62,810	74,723	74,458	91,021	40,560
Average per farm	82,950	99,933	118,522	102,219	99,784	66,794	97,775	70,786
2002	72,272	73,155	139,979	93,747	71,233	55,032	71,445	48,809
1997								
<b>Farms by value group:</b>								
\$1 to \$9,999	169	254	116	143	182	377	270	235
1997	196	137	37	110	201	240	208	253
\$10,000 to \$19,999	90	93	82	16	160	176	119	79
1997	175	145	67	55	142	333	228	168
\$20,000 to \$29,999	76	92	22	47	102	188	115	127
1997	138	121	17	72	120	198	126	42
\$30,000 to \$49,999	146	79	43	81	114	165	179	84
1997	84	149	48	41	157	156	212	90
\$50,000 to \$69,999	78	65	66	80	117	86	64	94
1997	32	88	45	72	103	52	143	79
\$70,000 to \$99,999	58	43	20	44	42	66	53	40
1997	20	62	58	68	72	94	41	92
\$100,000 to \$199,999	114	102	136	101	144	155	192	27
2002	128	136	194	138	135	186	197	80
1997	65	126	87	81	85	100	162	64
\$200,000 to \$499,999	122	65	140	106	113	93	111	26
1997	16	18	33	11	37	22	39	18
\$500,000 or more	5	15	22	8	6	1	8	1
1997								
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Tractors								
farms, 2002	763	763	570	579	922	1,261	1,139	684
1997	837	859	594	599	1,005	1,258	1,198	802
number, 2002	2,107	2,804	1,781	1,789	2,887	3,888	4,070	2,067
1997	2,062	2,772	2,020	1,847	3,165	3,607	3,171	1,897
Less than 40 horsepower (PTO)								
farms, 2002	360	300	283	178	402	584	521	449
1997	334	464	306	167	489	567	479	371
number, 2002	504	424	462	251	564	1,005	918	576
1997	534	627	489	275	698	953	749	457
40 to 99 horsepower (PTO)								
farms, 2002	642	654	380	428	604	874	956	534
1997	590	621	390	490	828	1,010	918	532
number, 2002	932	1,302	572	670	1,052	1,625	1,744	797
1997	836	1,227	(D)	766	1,465	1,765	1,390	843
100 horsepower (PTO) or more								
farms, 2002	365	461	381	388	533	679	704	340
1997	399	519	475	412	558	553	675	367
number, 2002	671	1,078	747	868	1,071	1,258	1,408	694
1997	692	918	(D)	806	1,002	889	1,032	597
Grain and bean combines (see text)								
farms, 2002	309	375	349	293	440	341	577	259
1997	367	434	403	363	446	354	612	213
number, 2002	353	444	414	303	481	358	614	266
1997	393	528	445	388	485	355	671	241
Cotton pickers and strippers								
farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)								
farms, 2002	10	39	28	47	33	103	11	13
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	10	39	28	48	33	105	12	13
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers								
farms, 2002	121	377	46	183	370	601	365	271
1997	197	374	87	71	403	524	435	289
number, 2002	162	467	56	193	423	691	465	308
1997	249	438	102	86	489	624	481	369
<b>2002 INVENTORY</b>								
<b>Manufactured 1998 to 2002:</b>								
Tractors								
farms	151	67	96	45	99	164	166	49
number	251	91	127	88	231	202	201	57
Less than 40 horsepower (PTO)								
farms	30	13	41	3	23	55	41	9
number	54	13	(D)	10	37	55	41	9
40 to 99 horsepower (PTO)								
farms	80	8	2	13	42	64	48	14
number	80	10	(D)	13	68	79	48	14
100 horsepower (PTO) or more								
farms	62	51	61	35	72	50	80	28
number	117	68	84	65	126	68	112	34
Grain and bean combines								
farms	36	48	41	21	44	18	61	19
number	37	52	41	25	46	20	63	20
Cotton pickers and strippers								
farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)								
farms	-	2	17	1	2	18	1	-
number	-	(D)	17	(D)	(D)	18	(D)	-
Hay balers								
farms	2	4	-	4	6	69	24	20
number	(D)	4	-	4	6	69	24	20
<b>Manufactured prior to 1998:</b>								
Tractors								
farms	701	735	561	577	911	1,238	1,102	676
number	1,856	2,713	1,654	1,701	2,456	3,686	3,869	2,010
Less than 40 horsepower (PTO)								
farms	330	287	264	177	379	540	493	440
number	450	411	(D)	241	527	950	877	567
40 to 99 horsepower (PTO)								
farms	580	651	378	419	577	871	918	534
number	852	1,292	(D)	657	984	1,546	1,696	783
100 horsepower (PTO) or more								
farms	339	446	352	377	511	663	676	340
number	554	1,010	663	803	945	1,190	1,296	660
Grain and bean combines								
farms	276	341	310	274	400	325	517	241
number	316	392	373	278	435	338	551	246

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas	
<b>VALUE OF MACHINERY AND EQUIPMENT</b>									
Estimated market value of all machinery and equipment									
..... farms, 2002	1,211	994	1,093	1,346	873	1,399	593	726	
..... farms, 1997	1,364	1,098	1,042	1,471	934	1,610	641	770	
..... \$1,000, 2002	87,468	96,206	115,202	174,212	62,967	113,056	57,963	29,525	
..... \$1,000, 1997	73,195	83,421	73,808	165,227	63,204	92,693	54,823	32,947	
..... Average per farm	dollars, 2002	96,787	105,400	129,429	72,127	80,812	97,746	40,668	
..... dollars, 1997	53,662	75,976	70,833	112,323	67,670	57,573	85,527	42,788	
<b>Farms by value group:</b>									
\$1 to \$9,999	2002	253	204	331	259	197	373	139	365
..... 1997	323	202	179	140	126	419	92	192	
\$10,000 to \$19,999	2002	151	139	110	20	135	151	78	63
..... 1997	277	126	224	146	223	286	129	154	
\$20,000 to \$29,999	2002	135	144	75	110	89	107	45	52
..... 1997	134	91	159	93	186	154	79	88	
\$30,000 to \$49,999	2002	175	87	137	93	115	127	61	94
..... 1997	158	148	49	174	68	298	61	100	
\$50,000 to \$69,999	2002	122	62	119	114	90	180	61	46
..... 1997	119	107	112	158	56	90	29	66	
\$70,000 to \$99,999	2002	119	35	10	143	51	86	56	25
..... 1997	73	118	51	127	123	136	39	92	
\$100,000 to \$199,999	2002	108	151	105	339	111	251	76	47
..... 1997	227	214	152	341	39	91	156	43	
\$200,000 to \$499,999	2002	136	150	165	206	71	44	30	
..... 1997	48	72	112	251	106	127	52	34	
\$500,000 or more	2002	12	22	41	62	14	33	33	
..... 1997	5	20	4	41	7	10	4	1	
<b>SELECTED MACHINERY AND EQUIPMENT</b>									
Tractors	farms, 2002	1,099	944	1,002	1,266	834	1,287	565	644
..... farms, 1997	1,190	988	1,008	1,402	919	1,526	1,008	684	
..... number, 2002	3,413	3,107	2,513	5,125	2,390	3,843	1,654	1,655	
..... number, 1997	3,818	3,438	2,528	4,982	2,636	4,153	2,039	1,593	
Less than 40 horsepower (PTO)	farms, 2002	547	448	284	565	347	583	257	399
..... farms, 1997	643	429	352	647	422	801	333	304	
..... number, 2002	747	763	414	936	626	925	385	725	
..... number, 1997	1,061	679	552	1,055	687	1,374	690	451	
40 to 99 horsepower (PTO)	farms, 2002	795	670	781	1,018	569	914	405	304
..... farms, 1997	935	835	657	1,122	736	1,232	463	486	
..... number, 2002	1,706	1,367	1,032	1,815	968	1,704	521	488	
..... number, 1997	1,856	1,747	(D)	1,901	1,229	1,952	745	(D)	
100 horsepower (PTO) or more	farms, 2002	571	538	473	1,023	400	695	354	297
..... farms, 1997	537	569	550	1,071	424	549	331	274	
..... number, 2002	960	977	1,067	2,374	796	1,214	748	442	
..... number, 1997	901	1,012	(D)	2,026	720	827	604	(D)	
Grain and bean combines (see text)	farms, 2002	476	418	414	938	384	589	257	108
..... farms, 1997	412	505	443	975	393	532	277	168	
..... number, 2002	508	450	516	1,008	426	643	282	130	
..... number, 1997	480	570	503	1,105	419	566	322	185	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	-
..... farms, 1997	-	-	-	-	-	-	-	-	
..... number, 2002	-	-	-	-	-	-	-	-	
..... number, 1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	18	8	7	37	5	13	10	49
..... farms, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
..... number, 2002	18	8	7	47	6	13	10	49	
..... number, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	438	310	288	203	311	512	122	415
..... farms, 1997	467	435	224	282	307	466	157	337	
..... number, 2002	546	385	337	254	421	563	122	447	
..... number, 1997	568	537	275	332	368	537	184	360	
<b>2002 INVENTORY</b>									
<b>Manufactured 1998 to 2002:</b>									
Tractors	farms	194	133	133	174	126	58	33	42
..... number	212	199	210	277	176	100	50	45	
Less than 40 horsepower (PTO)	farms	146	70	19	24	54	21	13	9
..... number	146	79	20	24	70	21	13	9	
40 to 99 horsepower (PTO)	farms	11	27	31	16	44	21	14	15
..... number	11	38	40	18	56	30	14	15	
100 horsepower (PTO) or more	farms	38	75	105	151	41	37	18	19
..... number	55	82	150	235	50	49	23	21	
Grain and bean combines	farms	24	65	60	105	18	72	72	2
..... number	26	67	60	113	21	86	72	(D)	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	-	-	1	-	-	-	-	12
..... number	-	-	(D)	-	-	-	-	-	12
Hay balers	farms	25	23	46	12	35	12	10	4
..... number	25	25	46	22	35	12	10	4	
<b>Manufactured prior to 1998:</b>									
Tractors	farms	953	899	990	1,240	789	1,276	553	644
..... number	3,201	2,908	2,303	4,848	2,214	3,743	1,604	1,610	
Less than 40 horsepower (PTO)	farms	401	394	283	541	303	573	244	390
..... number	601	684	394	912	556	904	372	716	
40 to 99 horsepower (PTO)	farms	784	651	761	1,005	549	893	392	296
..... number	1,695	1,329	992	1,797	912	1,674	507	473	
100 horsepower (PTO) or more	farms	569	517	451	998	395	684	352	297
..... number	905	895	917	2,139	746	1,165	725	421	
Grain and bean combines	farms	454	355	358	836	366	518	185	108
..... number	482	383	456	895	405	557	210	(D)	

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona	
<b>VALUE OF MACHINERY AND EQUIPMENT</b>									
Estimated market value of all machinery and equipment									
farms, 2002	1,045	956	1,018	1,028	816	461	826	622	
farms, 1997	1,203	1,069	1,084	1,062	976	532	862	739	
\$1,000, 2002	95,773	60,711	93,889	52,160	112,034	46,190	99,319	72,137	
\$1,000, 1997	93,193	54,353	76,706	55,943	77,716	49,074	74,101	67,980	
Average per farm	dollars, 2002	91,649	63,505	92,229	50,739	137,296	100,195	120,240	115,976
dollars, 1997	77,467	50,845	70,762	52,677	79,627	92,244	85,964	91,989	
Farms by value group:									
\$1 to \$9,999	2002	179	294	225	380	159	86	207	174
1997	98	197	235	266	155	56	117	80	
\$10,000 to \$19,999	2002	77	200	120	137	60	22	33	24
1997	177	262	168	268	110	76	223	133	
\$20,000 to \$29,999	2002	119	95	60	168	64	86	44	67
1997	180	150	103	93	131	90	54	77	
\$30,000 to \$49,999	2002	151	57	173	98	121	27	70	64
1997	181	149	148	53	147	51	64	90	
\$50,000 to \$69,999	2002	75	44	82	61	23	52	72	13
1997	158	41	100	173	87	32	60	53	
\$70,000 to \$99,999	2002	104	89	57	45	48	36	99	89
1997	150	85	70	42	87	54	120	90	
\$100,000 to \$199,999	2002	200	90	129	84	104	68	124	63
1997	121	121	181	98	155	87	110	105	
\$200,000 to \$499,999	2002	114	71	155	45	204	79	148	88
1997	121	61	67	66	89	82	97	88	
\$500,000 or more	2002	26	16	17	10	33	5	29	40
1997	17	3	12	3	15	4	17	13	
<b>SELECTED MACHINERY AND EQUIPMENT</b>									
Tractors	farms, 2002	992	888	947	950	755	415	644	589
farms, 1997	1,129	1,021	1,049	997	910	498	787	676	
number, 2002	3,005	2,101	2,754	2,359	3,191	1,237	2,776	2,147	
number, 1997	3,254	2,380	2,918	2,525	2,757	1,439	2,612	2,168	
Less than 40 horsepower (PTO)	farms, 2002	265	283	348	432	405	220	376	223
farms, 1997	391	450	477	445	470	194	432	318	
number, 2002	319	391	597	546	897	362	596	408	
number, 1997	722	628	726	706	636	236	801	436	
40 to 99 horsepower (PTO)	farms, 2002	797	687	667	729	452	223	509	390
farms, 1997	884	699	762	823	634	365	595	459	
number, 2002	1,312	1,088	941	1,154	1,052	377	1,084	717	
number, 1997	1,462	1,150	1,239	1,133	1,161	631	1,026	897	
100 horsepower (PTO) or more	farms, 2002	707	405	595	438	530	254	494	483
farms, 1997	641	444	570	455	508	320	424	452	
number, 2002	1,374	622	1,216	659	1,242	498	1,096	1,022	
number, 1997	1,070	602	953	686	960	572	785	835	
Grain and bean combines (see text)	farms, 2002	543	285	514	301	537	228	430	322
farms, 1997	617	382	523	383	469	275	466	334	
number, 2002	596	321	576	351	641	236	502	398	
number, 1997	680	399	560	415	504	292	575	370	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	-
farms, 1997	-	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	-	
number, 1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	70	1	24	9	44	7	14	72
farms, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	80	(D)	27	9	44	7	17	84	
number, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	294	405	249	317	242	56	172	206
farms, 1997	393	382	311	354	243	102	287	147	
number, 2002	346	448	253	352	301	66	177	208	
number, 1997	435	464	362	447	273	109	340	171	
<b>2002 INVENTORY</b>									
Manufactured 1998 to 2002:									
Tractors	farms	97	121	98	45	147	48	90	80
number	134	139	169	53	234	63	111	104	
Less than 40 horsepower (PTO)	farms	17	37	29	-	23	33	2	-
number	17	37	30	-	33	33	(D)	-	
40 to 99 horsepower (PTO)	farms	32	48	32	4	32	12	23	-
number	33	48	40	5	42	12	(D)	-	
100 horsepower (PTO) or more	farms	61	48	60	43	117	15	68	80
number	84	54	99	48	159	18	83	104	
Grain and bean combines	farms	60	44	50	33	94	27	104	31
number	60	44	57	34	96	27	106	34	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	3	-	-	-	11	-	-	1
number	3	-	-	-	11	-	-	(D)	
Hay balers	farms	11	26	1	11	38	-	5	14
number	12	26	(D)	11	38	-	6	14	
Manufactured prior to 1998:									
Tractors	farms	970	863	918	940	728	413	608	562
number	2,871	1,962	2,585	2,306	2,957	1,174	2,665	2,043	
Less than 40 horsepower (PTO)	farms	248	256	337	432	392	198	374	223
number	302	354	567	546	864	329	(D)	408	
40 to 99 horsepower (PTO)	farms	793	667	638	727	441	211	489	390
number	1,279	1,040	901	1,149	1,010	365	(D)	717	
100 horsepower (PTO) or more	farms	687	380	571	409	482	252	461	455
number	1,290	568	1,117	611	1,083	480	1,013	918	
Grain and bean combines	farms	495	243	467	269	472	203	358	295
number	536	277	519	317	545	209	396	364	

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment								
farms, 2002	709	573	799	959	632	857	780	1,323
farms, 1997	737	615	844	1,009	676	901	831	1,565
\$1,000, 2002	50,494	48,446	70,286	112,852	62,723	62,620	89,164	132,580
\$1,000, 1997	31,279	57,911	72,978	110,589	69,535	59,596	77,293	123,062
Average per farm	dollars, 2002	71,219	84,549	87,967	117,677	99,245	114,313	100,211
	dollars, 1997	42,441	94,164	86,466	109,603	102,863	66,145	78,634
Farms by value group:								
\$1 to \$9,999	2002	211	150	217	155	124	167	48
	1997	187	90	126	99	28	163	86
\$10,000 to \$19,999	2002	103	87	76	25	25	148	56
	1997	145	121	142	94	113	130	71
\$20,000 to \$29,999	2002	95	59	108	47	69	74	69
	1997	118	104	99	71	23	120	45
\$30,000 to \$49,999	2002	89	67	68	141	106	118	129
	1997	91	50	122	89	72	94	164
\$50,000 to \$69,999	2002	54	27	71	110	75	88	39
	1997	65	44	42	88	140	89	64
\$70,000 to \$99,999	2002	43	12	40	92	48	62	102
	1997	57	32	68	123	89	71	107
\$100,000 to \$199,999	2002	47	85	104	174	69	93	202
	1997	49	70	161	245	96	173	168
\$200,000 to \$499,999	2002	53	75	95	195	105	102	127
	1997	24	96	47	195	97	58	118
\$500,000 or more	2002	14	11	20	20	11	5	8
	1997	1	8	37	5	18	3	6
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Tractors	farms, 2002	688	527	739	941	525	821	715
	farms, 1997	656	578	802	979	625	819	797
	number, 2002	1,632	1,509	2,325	3,251	1,674	2,383	2,336
	number, 1997	1,427	1,969	2,341	3,125	2,076	2,277	2,840
Less than 40 horsepower (PTO)	farms, 2002	193	229	417	340	194	185	213
	farms, 1997	242	225	503	403	321	388	437
	number, 2002	298	342	760	473	270	386	404
	number, 1997	339	378	733	610	555	529	755
40 to 99 horsepower (PTO)	farms, 2002	494	413	548	820	402	650	554
	farms, 1997	522	483	516	744	417	607	581
	number, 2002	881	618	870	1,462	624	1,173	926
	number, 1997	686	849	897	1,221	(D)	1,099	1,071
100 horsepower (PTO) or more	farms, 2002	261	263	363	676	403	486	460
	farms, 1997	297	347	447	730	478	415	553
	number, 2002	453	549	695	1,316	780	824	1,006
	number, 1997	402	742	711	1,294	(D)	649	1,014
Grain and bean combines (see text)	farms, 2002	100	233	356	562	368	343	545
	farms, 1997	153	323	448	617	435	331	500
	number, 2002	127	284	361	622	374	367	553
	number, 1997	168	369	500	671	445	350	540
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
	farms, 1997	-	-	-	-	-	-	-
	number, 2002	-	-	-	-	-	-	-
	number, 1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	5	14	2	18	29	12	9
	farms, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	number, 2002	5	14	(D)	18	29	12	9
	number, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers	farms, 2002	269	209	256	184	130	199	108
	farms, 1997	352	170	207	289	178	205	119
	number, 2002	340	232	265	195	143	234	108
	number, 1997	449	247	233	336	194	269	157
<b>2002 INVENTORY</b>								
Manufactured 1998 to 2002:								
Tractors	farms	84	50	84	82	62	118	91
	number	100	74	121	110	81	161	128
Less than 40 horsepower (PTO)	farms	18	13	50	-	1	11	2
	number	18	13	51	-	(D)	11	(D)
40 to 99 horsepower (PTO)	farms	35	12	24	22	23	42	13
	number	35	12	25	29	(D)	42	(D)
100 horsepower (PTO) or more	farms	46	38	28	73	38	75	80
	number	47	49	45	81	57	108	110
Grain and bean combines	farms	3	42	16	50	46	16	37
	number	(D)	46	17	50	47	16	38
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	1	11	-	-	2	-	1
	number	(D)	11	-	-	(D)	-	(D)
Hay balers	farms	33	1	3	1	1	11	17
	number	33	(D)	3	(D)	(D)	11	-
Manufactured prior to 1998:								
Tractors	farms	634	527	684	897	510	796	1,222
	number	1,532	1,435	2,204	3,141	1,593	2,222	2,208
Less than 40 horsepower (PTO)	farms	175	216	369	340	193	185	212
	number	280	329	709	473	(D)	375	(D)
40 to 99 horsepower (PTO)	farms	465	412	528	801	387	641	551
	number	846	606	845	1,433	(D)	1,131	(D)
100 horsepower (PTO) or more	farms	236	239	357	624	391	461	427
	number	406	500	650	1,235	716	716	896
Grain and bean combines	farms	98	202	342	512	323	327	509
	number	(D)	238	344	572	327	351	515

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby	
<b>VALUE OF MACHINERY AND EQUIPMENT</b>									
Estimated market value of all machinery and equipment									
farms, 2002	729	744	1,215	913	710	775	753	865	
1997	811	888	1,417	1,001	729	849	844	959	
\$1,000, 2002	98,684	92,729	137,807	84,128	38,838	106,716	98,845	136,625	
1997	108,906	58,640	129,479	68,951	38,367	92,503	82,547	78,158	
Average per farm	dollars, 2002	135,369	124,636	113,421	92,144	54,702	137,699	131,268	
1997	134,286	66,036	91,375	68,882	52,630	108,955	97,805	81,500	
Farms by value group:									
\$1 to \$9,999	2002	91	197	190	304	270	56	157	134
1997	72	198	194	160	234	54	62	106	
\$10,000 to \$19,999	2002	51	54	141	106	93	37	83	61
1997	35	200	207	146	72	113	117	127	
\$20,000 to \$29,999	2002	39	50	86	53	51	66	53	81
1997	26	124	132	104	78	67	81	39	
\$30,000 to \$49,999	2002	64	68	177	60	70	113	63	99
1997	115	77	147	176	85	104	158	181	
\$50,000 to \$69,999	2002	86	84	105	67	54	70	38	118
1997	50	83	114	105	124	67	59	107	
\$70,000 to \$99,999	2002	67	88	59	57	49	109	57	64
1997	91	27	121	105	36	151	83	99	
\$100,000 to \$199,999	2002	136	47	204	125	55	167	184	
1997	181	91	288	135	58	168	145	196	
\$200,000 to \$499,999	2002	155	115	228	108	64	187	76	104
1997	223	78	202	60	38	96	130	102	
\$500,000 or more	2002	40	41	25	33	4	69	20	
1997	18	10	12	10	4	29	9	2	
<b>SELECTED MACHINERY AND EQUIPMENT</b>									
Tractors	farms, 2002	705	689	1,176	887	647	761	742	830
1997	749	845	1,347	912	649	821	785	883	
number, 2002	2,292	1,966	4,015	2,566	1,766	2,473	2,291	2,836	
1997	2,901	1,745	4,270	2,583	1,465	2,722	2,238	3,008	
Less than 40 horsepower (PTO)	farms, 2002	291	329	535	289	254	309	333	403
1997	368	450	644	439	281	340	317	332	
number, 2002	401	524	800	419	518	442	436	608	
1997	730	638	979	627	389	456	436	486	
40 to 99 horsepower (PTO)	farms, 2002	343	461	873	714	467	461	477	522
1997	565	406	877	631	447	637	545	716	
number, 2002	611	737	1,470	1,344	702	790	836	1,048	
1997	1,008	548	1,523	1,080	707	1,147	942	1,351	
100 horsepower (PTO) or more	farms, 2002	517	415	715	419	308	542	495	607
1997	608	333	883	516	253	603	481	597	
number, 2002	1,280	705	1,745	803	546	1,241	1,019	1,180	
1997	1,163	559	1,768	876	369	1,119	860	1,171	
Grain and bean combines (see text)	farms, 2002	431	309	573	396	257	505	375	530
1997	570	256	731	425	282	482	481	612	
number, 2002	464	343	599	468	302	513	382	554	
1997	592	281	755	472	303	503	511	637	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	21	16	52	24	17	27	4	80
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	21	16	52	27	18	28	4	80	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	108	271	293	321	280	194	203	193
1997	165	240	351	363	257	212	289	361	
number, 2002	110	323	323	375	301	223	232	225	
1997	196	259	412	448	283	222	348	396	
<b>2002 INVENTORY</b>									
Manufactured 1998 to 2002:									
Tractors	farms	96	101	161	102	77	185	114	149
number	143	157	325	151	109	278	166	193	
Less than 40 horsepower (PTO)	farms	4	2	34	17	1	78	47	65
number	6	(D)	42	18	(D)	82	47	66	
40 to 99 horsepower (PTO)	farms	32	53	59	27	42	5	28	21
number	34	(D)	73	39	(D)	12	31	30	
100 horsepower (PTO) or more	farms	86	74	108	74	41	110	67	73
number	103	102	210	94	49	184	88	97	
Grain and bean combines	farms	109	44	114	47	17	91	93	68
number	109	46	123	48	17	92	95	70	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	-	-	2	1	-	-	-	
number	-	-	(D)	(D)	-	-	-	-	
Hay balers	farms	-	-	5	12	73	39	-	25
number	-	-	5	13	74	39	-	25	
Manufactured prior to 1998:									
Tractors	farms	662	668	1,116	869	632	673	707	757
number	2,149	1,809	3,690	2,415	1,657	2,195	2,125	2,643	
Less than 40 horsepower (PTO)	farms	290	328	512	289	254	234	297	338
number	395	(D)	758	401	(D)	360	389	542	
40 to 99 horsepower (PTO)	farms	312	436	824	702	427	457	452	513
number	577	(D)	1,397	1,305	(D)	778	805	1,018	
100 horsepower (PTO) or more	farms	480	369	697	390	304	506	474	588
number	1,177	603	1,535	709	497	1,057	931	1,083	
Grain and bean combines	farms	323	269	464	355	241	416	283	462
number	355	297	476	420	285	421	287	484	

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright	
<b>VALUE OF MACHINERY AND EQUIPMENT</b>									
Estimated market value of all machinery and equipment									
farms, 2002	1,199	790	913	616	1,445	1,149	574	753	
1997	1,117	785	986	653	1,558	1,403	652	757	
\$1,000, 2002	135,893	44,340	118,582	69,307	143,340	119,286	65,835	101,894	
1997	91,512	37,419	109,049	73,747	93,550	105,505	64,912	102,861	
Average per farm	dollars, 2002	113,339	56,127	129,882	112,511	99,197	114,695	135,317	
1997	81,926	47,668	110,598	112,935	60,045	75,199	99,559	135,880	
Farms by value group:									
\$1 to \$9,999	2002	173	245	207	183	264	352	94	140
1997	215	141	153	81	351	223	73	30	
\$10,000 to \$19,999	2002	149	154	53	10	189	89	101	50
1997	98	233	93	71	232	231	97	81	
\$20,000 to \$29,999	2002	160	38	70	52	168	107	45	74
1997	132	103	51	50	129	219	48	53	
\$30,000 to \$49,999	2002	157	124	57	21	186	133	81	52
1997	119	83	114	86	196	153	61	81	
\$50,000 to \$69,999	2002	61	26	36	31	111	75	13	50
1997	79	40	87	47	174	141	75	58	
\$70,000 to \$99,999	2002	88	60	106	93	147	47	23	60
1997	74	55	62	51	127	92	51	111	
\$100,000 to \$199,999	2002	186	101	166	130	133	152	95	175
1997	244	72	232	112	255	204	113	138	
\$200,000 to \$499,999	2002	196	34	173	71	195	139	94	128
1997	152	57	170	152	89	113	129	180	
\$500,000 or more	2002	29	8	45	25	52	28	24	
1997	4	1	24	3	5	27	5	25	
<b>SELECTED MACHINERY AND EQUIPMENT</b>									
Tractors	farms, 2002	1,169	662	827	606	1,362	1,091	539	723
1997	1,019	743	892	608	1,431	1,312	597	691	
number, 2002	3,200	1,611	2,703	2,086	4,512	3,538	2,102	2,620	
1997	2,903	1,727	3,146	2,000	4,347	3,870	1,957	2,444	
Less than 40 horsepower (PTO)	farms, 2002	417	312	426	312	541	527	295	404
1997	404	367	466	342	727	508	242	414	
number, 2002	769	385	595	479	940	976	370	735	
1997	612	498	746	571	1,198	916	403	695	
40 to 99 horsepower (PTO)	farms, 2002	923	488	563	479	1,053	745	403	412
1997	816	544	715	398	1,195	956	487	458	
number, 2002	1,312	659	947	766	2,022	1,309	832	690	
1997	1,364	(D)	1,196	(D)	2,117	1,584	(D)	715	
100 horsepower (PTO) or more	farms, 2002	544	310	586	349	791	597	377	549
1997	632	260	638	399	634	728	386	508	
number, 2002	1,119	567	1,161	841	1,550	1,253	900	1,195	
1997	927	(D)	1,204	(D)	1,032	1,370	(D)	1,034	
Grain and bean combines (see text)	farms, 2002	492	159	555	380	619	479	466	568
1997	473	247	568	348	518	570	356	500	
number, 2002	500	166	582	397	649	518	480	722	
1997	547	252	604	391	545	626	420	535	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	37	5	2	17	134	49	31	1
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	39	5	(D)	26	143	50	32	(D)	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	227	295	98	124	786	229	303	229
1997	237	313	134	129	832	326	207	137	
number, 2002	260	321	101	135	955	254	341	266	
1997	273	357	182	143	1,020	351	247	147	
<b>2002 INVENTORY</b>									
Manufactured 1998 to 2002:									
Tractors	farms	130	60	118	79	196	138	91	117
number	251	73	174	142	299	193	159	226	
Less than 40 horsepower (PTO)	farms	61	11	15	-	49	12	1	15
number	121	11	16	-	50	24	(D)	42	
40 to 99 horsepower (PTO)	farms	39	21	3	1	64	9	1	10
number	41	21	5	(D)	67	11	(D)	39	
100 horsepower (PTO) or more	farms	65	30	117	79	122	118	90	111
number	89	41	153	(D)	182	158	(D)	145	
Grain and bean combines	farms	67	13	85	52	66	116	53	97
number	68	18	89	52	66	129	53	99	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	10	-	-	-	23	-	-	
number	10	-	-	-	23	-	-	-	
Hay balers	farms	20	71	-	1	68	36	10	
number	30	71	-	(D)	69	36	20	3	
Manufactured prior to 1998:									
Tractors	farms	1,119	650	824	575	1,301	1,081	528	710
number	2,949	1,538	2,529	1,944	4,213	3,345	1,943	2,394	
Less than 40 horsepower (PTO)	farms	357	301	415	312	499	515	295	389
number	648	374	479	479	890	952	(D)	693	
40 to 99 horsepower (PTO)	farms	888	470	560	478	1,013	739	403	402
number	1,271	638	942	(D)	1,955	1,298	(D)	651	
100 horsepower (PTO) or more	farms	518	300	558	318	738	577	366	517
number	1,030	526	1,008	(D)	1,368	1,095	(D)	1,050	
Grain and bean combines	farms	427	146	477	331	554	365	415	472
number	432	148	493	345	583	389	427	623	

--continued

**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton	
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) . . . . . farms	2,494	15	19	50	19	10	3	
number	(D)	(D)	19	60	27	(D)	3	
Hay balers . . . . . farms	25,667	367	220	388	284	149	427	
number	29,407	396	257	487	304	187	488	
Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun	
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) . . . . . farms	25	4	38	77	34	-	49	
number	(D)	(D)	38	77	43	-	49	
Hay balers . . . . . farms	341	207	277	410	124	368	228	
number	(D)	229	343	(D)	168	(D)	230	
Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke	
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) . . . . . farms	54	6	3	4	91	37	19	
number	(D)	(D)	3	4	92	37	19	
Hay balers . . . . . farms	316	309	229	244	134	423	262	
number	347	332	266	254	156	474	292	
Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur	
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) . . . . . farms	15	41	64	37	13	8	19	
number	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
Hay balers . . . . . farms	124	683	408	178	216	403	260	
number	126	889	458	235	(D)	508	292	
Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) . . . . . farms	38	-	38	63	13	30	25	28
number	38	-	42	63	13	30	25	(D)
Hay balers . . . . . farms	403	207	73	726	82	360	293	183
number	475	227	(D)	876	(D)	416	327	192
Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) . . . . . farms	21	19	11	12	27	11	3	14
number	21	19	11	12	27	11	(D)	14
Hay balers . . . . . farms	74	85	96	133	101	282	108	165
number	79	86	110	137	126	298	119	187
Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) . . . . . farms	10	37	11	46	31	85	10	13
number	10	(D)	11	(D)	(D)	87	(D)	13
Hay balers . . . . . farms	119	374	46	179	364	543	351	251
number	(D)	463	56	189	417	622	441	288
Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) . . . . . farms	18	8	6	37	5	13	10	37
number	18	8	(D)	47	6	13	10	37
Hay balers . . . . . farms	424	289	242	191	293	502	112	411
number	521	360	291	232	386	551	112	443

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**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) . . . . . farms	67	1	24	9	33	7	14	72
number	77	(D)	27	9	33	7	17	(D)
Hay balers . . . . . farms	291	379	248	307	214	56	167	192
number	334	422	(D)	341	263	66	171	194
Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) . . . . . farms	4	3	2	18	27	12	8	50
number	(D)	3	(D)	18	(D)	12	(D)	51
Hay balers . . . . . farms	238	208	255	183	129	188	108	280
number	307	(D)	262	(D)	(D)	223	108	299
Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) . . . . . farms	21	16	50	23	17	27	4	80
number	21	16	(D)	(D)	18	28	4	80
Hay balers . . . . . farms	108	271	289	309	207	179	203	180
number	110	323	318	362	227	184	232	200
Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) . . . . . farms	78	14	20	1	3	8	14	40
number	88	14	(D)	(D)	3	8	14	41
Hay balers . . . . . farms	391	215	421	206	249	273	216	363
number	448	246	496	(D)	261	347	244	396
Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>2002 INVENTORY - Con.</b>								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers . . . . . farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) . . . . . farms	27	5	2	17	111	49	31	1
number	29	5	(D)	26	120	50	32	(D)
Hay balers . . . . . farms	207	236	98	124	726	193	293	226
number	230	250	101	(D)	886	218	321	263

**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>							
farms, 2002	56,912	543	321	473	388	380	841
1997	67,510	632	380	609	457	512	817
acres treated, 2002	16,295,095	148,419	86,425	97,754	66,490	121,705	232,824
1997	15,153,429	140,929	79,188	71,124	61,718	138,508	227,316
Cropland fertilized, except cropland pastured							
farms, 2002	55,204	533	282	473	322	350	817
1997	65,609	605	334	597	403	502	807
acres treated, 2002	15,667,911	135,393	77,318	92,800	50,462	115,437	227,238
1997	14,551,870	127,084	62,897	66,389	49,942	132,461	225,903
Pastureland and rangeland fertilized							
farms, 2002	8,953	147	155	124	153	111	138
1997	9,369	194	154	108	142	101	46
acres treated, 2002	627,184	13,026	9,107	4,954	16,028	6,268	5,586
1997	601,559	13,845	16,291	4,735	11,776	6,047	1,413
Manure							
farms, 2002	26,512	175	127	384	138	216	461
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	2,333,984	14,067	12,457	27,831	5,603	18,383	35,792
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup>							
farms, 2002	20,331	52	105	252	28	176	379
1997	25,613	261	107	356	20	200	382
acres treated, 2002	3,714,004	5,104	16,444	32,992	3,285	44,653	57,589
1997	3,372,025	43,515	15,804	37,363	3,221	15,025	51,465
Weeds, grass, or brush							
farms, 2002	46,334	362	267	403	238	380	737
1997	55,600	459	333	376	325	476	766
acres treated, 2002	16,716,673	150,467	94,050	63,916	45,294	163,640	260,914
1997	17,526,559	135,923	96,825	40,229	48,869	180,990	279,078
Nematodes							
farms, 2002	1,782	9	-	39	-	-	21
1997	1,440	-	-	20	-	1	24
acres treated, 2002	292,947	99	-	1,725	-	-	426
1997	180,135	-	-	1,395	-	(D)	1,893
Diseases in crops and orchards							
farms, 2002	834	1	-	23	3,506	(D)	12
1997	1,186	-	-	17	27	-	35
acres treated, 2002	113,930	(D)	-	2,911	801	-	1,475
1997	137,737	-	-	406	2,059	-	3,908
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	190	-	-	1	-	-	-
1997	48	-	-	-	1	-	-
acres on which used, 2002	3,196	-	-	(D)	-	-	-
1997	1,850	-	-	-	(D)	-	-
Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>							
farms, 2002	671	527	599	751	598	684	563
1997	801	677	785	919	735	821	741
acres treated, 2002	173,487	190,503	153,044	185,327	195,145	193,405	181,760
1997	168,500	163,204	140,756	205,800	180,186	172,888	187,316
Cropland fertilized, except cropland pastured							
farms, 2002	657	504	592	742	585	684	563
1997	801	665	768	913	729	795	741
acres treated, 2002	171,040	183,730	151,732	184,392	192,251	190,024	181,305
1997	168,047	161,552	139,721	204,156	179,900	170,934	185,394
Pastureland and rangeland fertilized							
farms, 2002	57	78	49	33	57	104	22
1997	38	49	60	73	15	84	53
acres treated, 2002	2,447	6,773	1,312	935	2,894	3,381	455
1997	453	1,652	1,035	1,644	286	1,954	1,922
Manure							
farms, 2002	285	190	300	383	297	355	212
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	15,950	21,191	24,081	32,750	40,977	27,470	16,420
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup>							
farms, 2002	340	132	307	356	213	304	148
1997	272	152	316	391	90	346	129
acres treated, 2002	45,028	42,078	35,193	58,650	54,648	51,287	25,665
1997	25,678	25,390	26,316	62,484	17,604	36,587	34,702
Weeds, grass, or brush							
farms, 2002	530	431	491	542	479	665	483
1997	680	529	672	844	653	681	638
acres treated, 2002	165,408	233,036	152,476	173,665	216,664	203,400	228,871
1997	213,866	214,415	163,578	228,297	268,364	211,209	262,711
Nematodes							
farms, 2002	21	42	1	26	65	31	-
1997	7	12	21	34	13	19	7
acres treated, 2002	4,078	14,167	(D)	1,522	13,748	2,609	-
1997	1,233	1,558	1,290	2,350	1,355	1,323	365
Diseases in crops and orchards							
farms, 2002	13	21	19	22	8	26	-
1997	27	9	2	17	2	19	6
acres treated, 2002	1,898	(D)	47	1,006	3,327	9,352	-
1997	770	(D)	(D)	284	(D)	2,845	300
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	1	-	-	9	-	-	-
1997	1	-	-	-	15	-	-
acres on which used, 2002	(D)	-	-	36	-	-	-
1997	(D)	-	-	-	627	-	-

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	771	514	689	558	678	612	359
1997	931	673	722	622	722	672	421
acres treated, 2002	225,620	161,409	193,168	187,265	168,528	160,288	60,052
1997	201,378	162,753	183,793	163,359	161,015	132,925	52,927
Cropland fertilized, except cropland pastured . . . . . farms, 2002	750	497	664	547	653	611	341
1997	908	646	722	616	722	672	371
acres treated, 2002	222,613	143,740	189,150	186,976	159,818	157,450	(D)
1997	197,569	142,885	180,750	162,883	154,272	131,863	41,143
Pastureland and rangeland fertilized . . . . . farms, 2002	62	186	113	54	131	63	124
1997	70	225	60	34	108	34	160
acres treated, 2002	3,007	17,669	4,018	289	8,710	2,838	(D)
1997	3,809	19,868	3,043	476	6,743	1,062	11,784
Manure . . . . . farms, 2002	378	244	360	260	355	385	128
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	35,498	17,543	29,778	20,884	23,797	37,585	12,029
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup> . . . . . farms, 2002	221	118	265	122	317	183	56
1997	309	274	438	217	305	259	82
acres treated, 2002	41,808	21,414	42,187	16,769	74,775	27,365	3,117
1997	23,523	38,493	52,174	28,589	27,230	29,490	11,665
Weeds, grass, or brush . . . . . farms, 2002	684	380	569	478	533	469	307
1997	802	553	622	506	640	499	347
acres treated, 2002	265,039	158,659	170,764	220,016	179,272	162,385	60,550
1997	234,933	169,809	220,195	190,241	208,701	165,511	60,214
Nematodes . . . . . farms, 2002	-	-	-	22	-	-	-
1997	11	8	26	-	2	3	-
acres treated, 2002	-	-	3,230	57	1,950	-	-
1997	1,817	1,209	4,254	-	(D)	416	-
Diseases in crops and orchards . . . . . farms, 2002	1	-	10	15	1	1	16
1997	19	8	8	16	8	10	1
acres treated, 2002	(D)	-	80	475	(D)	(D)	16
1997	1,286	(D)	1,325	1,275	80	5,735	(D)
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	-	23	-	-	-
1997	-	-	2	2	-	-	1
acres on which used, 2002	-	-	-	168	-	-	-
1997	-	-	(D)	(D)	-	-	(D)

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	490	764	837	601	568	484	357
1997	577	1,056	940	844	597	550	405
acres treated, 2002	174,936	181,700	233,410	263,069	151,491	93,214	104,699
1997	135,137	184,600	199,128	221,695	147,324	83,826	63,637
Cropland fertilized, except cropland pastured . . . . . farms, 2002	490	748	830	578	548	439	310
1997	576	1,040	920	822	589	495	335
acres treated, 2002	173,460	178,100	228,559	253,728	148,388	77,250	78,689
1997	130,471	181,138	195,591	202,281	144,270	66,897	(D)
Pastureland and rangeland fertilized . . . . . farms, 2002	27	110	102	119	69	174	193
1997	121	79	91	243	90	213	199
acres treated, 2002	1,476	3,600	4,851	9,341	3,103	15,964	26,010
1997	4,666	3,462	3,537	19,414	3,054	16,929	(D)
Manure . . . . . farms, 2002	194	552	426	271	218	204	98
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	19,248	52,679	27,461	22,116	11,421	10,355	7,808
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-							
Insects <sup>2</sup> . . . . . farms, 2002	182	369	483	222	101	93	75
1997	145	728	636	343	196	162	88
acres treated, 2002	39,542	74,706	83,189	41,654	11,656	26,215	21,193
1997	19,086	90,674	78,030	44,711	20,921	14,671	9,482
Weeds, grass, or brush . . . . . farms, 2002	388	557	774	495	510	259	226
1997	495	842	825	729	519	348	272
acres treated, 2002	206,645	121,017	225,400	236,952	221,927	69,618	64,671
1997	195,827	157,880	199,882	258,235	200,198	62,694	51,172
Nematodes . . . . . farms, 2002	-	29	21	-	18	22	12
1997	9	35	49	15	20	5	1
acres treated, 2002	-	2,593	3,133	-	2,758	435	180
1997	124	3,167	7,999	2,985	4,442	60	(D)
Diseases in crops and orchards . . . . . farms, 2002	-	31	4	1	19	22	-
1997	9	4	34	7	21	15	7
acres treated, 2002	-	2,206	1,690	(D)	4,009	8,404	-
1997	224	(D)	1,099	105	1,612	218	378
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	1	1	-	-	-	-
1997	-	-	8	-	-	-	-
acres on which used, 2002	-	(D)	(D)	-	-	-	-
1997	-	-	16	-	-	-	-

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	928	446	309	947	375	832	602	571
1997	991	496	386	1,080	413	1,009	645	715
acres treated, 2002	220,971	86,425	101,054	142,423	128,732	228,383	161,570	193,219
1997	184,987	92,164	109,536	152,622	115,314	228,261	172,443	202,898
Cropland fertilized, except cropland pastured . . . . . farms, 2002	907	446	309	894	375	830	592	571
1997	983	485	375	1,072	413	992	631	705
acres treated, 2002	217,321	84,013	99,228	138,540	126,899	223,623	160,860	192,076
1997	183,203	89,231	108,244	149,156	112,881	224,792	172,092	202,371
Pastureland and rangeland fertilized . . . . . farms, 2002	116	45	25	132	33	76	41	35
1997	70	70	26	107	46	66	19	20
acres treated, 2002	3,650	2,412	1,826	3,883	1,833	4,760	710	1,143
1997	1,784	2,933	1,292	3,466	2,433	3,469	351	527
Manure . . . . . farms, 2002	757	133	189	825	105	446	318	306
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	85,730	6,938	19,695	65,863	13,806	43,041	24,064	29,664
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	528	204	133	558	69	336	181	96
1997	681	201	87	696	53	512	189	269
acres treated, 2002	75,514	23,441	43,084	61,161	17,357	59,794	24,362	19,653
1997	80,660	15,444	12,906	76,356	5,902	77,570	20,728	42,495
Weeds, grass, or brush . . . . . farms, 2002	763	373	304	697	301	665	528	458
1997	788	422	328	675	332	773	584	596
acres treated, 2002	174,587	98,037	144,536	95,836	136,482	203,176	202,216	225,916
1997	157,988	107,843	117,401	98,453	124,577	205,442	216,848	230,119
Nematodes . . . . . farms, 2002	42	22	22	50	48	11	15	20
1997	75	1	-	78	8	29	-	-
acres treated, 2002	8,523	2,450	11,000	3,627	10,315	540	1,125	5,697
1997	9,485	(D)	-	7,130	430	2,860	-	-
Diseases in crops and orchards . . . . . farms, 2002	17	7	-	62	-	10	13	-
1997	18	28	7	28	-	11	4	10
acres treated, 2002	572	3,500	-	4,701	-	730	650	-
1997	2,104	1,129	28	1,465	-	2,129	10	3,188
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	1	-	-	1	-
acres on which used, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	(D)	-	-	(D)	-
Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	396	520	545	498	571	621	597	542
1997	443	656	648	603	660	728	688	734
acres treated, 2002	163,980	219,660	200,944	119,783	191,091	176,151	200,689	245,718
1997	140,148	165,020	182,931	119,810	179,659	191,023	178,725	221,409
Cropland fertilized, except cropland pastured . . . . . farms, 2002	395	508	545	454	559	613	597	513
1997	427	649	648	567	660	728	688	717
acres treated, 2002	154,886	215,650	200,585	111,685	189,886	176,002	194,609	236,047
1997	131,793	164,021	181,739	103,996	165	190,855	176,887	212,943
Pastureland and rangeland fertilized . . . . . farms, 2002	67	48	14	115	65	12	41	154
1997	130	16	27	150	1	9	43	104
acres treated, 2002	9,094	4,010	359	8,098	1,205	149	6,080	9,671
1997	8,355	999	1,192	15,814	(D)	168	1,838	8,466
Manure . . . . . farms, 2002	37	85	189	205	233	252	343	111
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	6,277	10,939	17,314	21,719	35,010	22,570	50,879	9,719
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	167	90	327	123	164	150	187	221
1997	150	74	320	169	141	184	234	248
acres treated, 2002	52,260	16,368	85,790	27,337	41,368	33,021	28,983	42,832
1997	29,463	12,770	47,908	19,888	26,159	18,569	47,464	36,854
Weeds, grass, or brush . . . . . farms, 2002	356	431	479	402	434	414	471	418
1997	423	628	604	532	597	645	586	526
acres treated, 2002	187,505	251,855	230,546	151,651	212,055	173,312	233,045	211,090
1997	188,787	245,453	253,910	155,570	251,594	240,850	205,941	201,635
Nematodes . . . . . farms, 2002	29	-	8	-	39	40	18	11
1997	17	1	2	6	-	1	7	34
acres treated, 2002	6,168	-	1,600	-	8,703	6,700	2,956	5,983
1997	5,535	(D)	(D)	126	-	(D)	1,960	5,445
Diseases in crops and orchards . . . . . farms, 2002	12	1	40	8	-	8	-	1
1997	16	11	46	6	8	-	27	16
acres treated, 2002	5,550	(D)	13,205	8	-	4,000	-	(D)
1997	6,085	733	12,348	300	(D)	-	2,297	1,040
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	-	8	-	-	-	11
1997	-	-	-	-	7	-	-	1
acres on which used, 2002	-	-	-	8	-	-	-	550
1997	-	-	-	-	7	-	-	(D)

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson	
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>	farms, 2002	395	566	475	414	573	638	409	
	1997	565	660	538	545	674	869	450	
	acres treated, 2002	127,209	140,227	148,982	159,470	145,700	101,901	208,881	
	1997	129,034	150,868	148,228	147,539	146,883	128,326	196,424	
	farms, 2002	395	566	475	404	573	616	757	
	1997	565	660	538	528	659	844	921	
Cropland fertilized, except cropland pastured	acres treated, 2002	125,282	134,510	(D)	152,973	140,144	98,236	201,702	
	1997	127,549	148,950	147,800	142,362	132,266	118,522	191,207	
	farms, 2002	49	71	1	109	123	116	207	
	1997	54	53	8	110	164	185	115	
	acres treated, 2002	1,927	5,717	(D)	6,497	5,556	3,665	7,179	
	1997	1,485	1,918	428	5,177	14,617	9,804	5,217	
Manure	farms, 2002	165	338	114	178	343	506	380	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	acres treated, 2002	11,080	22,256	13,938	22,416	24,559	32,722	27,161	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	Chemicals used to control-Insects <sup>2</sup>	farms, 2002	220	177	78	166	326	347	335
		1997	214	194	90	197	426	456	432
acres treated, 2002		47,721	21,544	21,901	30,022	55,207	39,668	63,834	
1997		30,964	21,725	19,810	30,741	56,341	62,962	32,907	
farms, 2002		338	400	390	315	540	523	603	
1997		479	546	496	433	566	562	694	
Weeds, grass, or brush	acres treated, 2002	114,370	149,586	176,803	175,740	148,570	70,736	218,109	
	1997	141,716	169,498	204,955	177,609	136,038	75,998	224,647	
	farms, 2002	31	1	13	-	1	7	9	
	1997	2	16	8	11	26	17	8	
	acres treated, 2002	(D)	(D)	1,365	-	(D)	350	270	
	1997	7,270	2,503	2,560	2,245	1,548	3,813	2,335	
Diseases in crops and orchards	farms, 2002	9	1	-	-	20	1	9	
	1997	-	2	6	13	22	7	7	
	acres treated, 2002	63	(D)	-	-	2,208	(D)	1,800	
	1997	-	(D)	12	2,373	1,920	532	602	
	Chemicals used to control growth, thin fruit, or defoliate	farms, 2002	-	-	-	-	-	-	1
		1997	-	1	-	-	1	-	-
acres on which used, 2002		-	-	-	-	-	-	(D)	
1997		-	(D)	-	-	(D)	-	-	
Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
		Commercial fertilizer, lime, and soil conditioners <sup>1</sup>	farms, 2002	727	670	576	1,041	489	784
	1997		790	780	621	1,202	616	1,058	397
	acres treated, 2002		133,884	164,803	157,777	339,018	117,026	174,139	100,651
	1997		119,268	185,187	136,117	325,658	115,797	174,604	94,087
	farms, 2002		713	659	560	1,041	469	784	358
	1997		758	763	606	1,195	592	1,051	380
	Cropland fertilized, except cropland pastured	acres treated, 2002	131,104	162,263	147,254	334,794	114,338	172,177	99,395
		1997	115,838	182,637	130,627	325,251	114,188	173,531	92,685
farms, 2002		90	45	114	34	86	58	40	
1997		89	57	128	12	106	55	31	
acres treated, 2002		2,780	2,540	10,523	4,224	2,688	1,962	1,256	
1997		3,430	2,550	5,490	407	1,609	1,073	1,402	
Manure	farms, 2002	549	397	225	385	194	385	156	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	acres treated, 2002	33,745	43,766	19,370	42,831	13,885	21,974	14,474	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	Chemicals used to control-Insects <sup>2</sup>	farms, 2002	341	237	177	166	199	272	93
		1997	341	514	277	264	231	411	167
acres treated, 2002		31,242	41,037	31,416	21,619	32,299	29,035	18,792	
1997		41,975	84,310	40,449	35,510	35,519	45,208	21,146	
farms, 2002		559	570	408	874	385	652	353	
1997		612	627	531	1,096	441	839	342	
Weeds, grass, or brush	acres treated, 2002	141,119	136,222	124,069	407,443	95,676	150,416	116,757	
	1997	125,708	171,574	131,446	451,169	126,838	188,242	123,567	
	farms, 2002	22	11	24	54	20	11	1	
	1997	14	6	36	12	1	12	15	
	acres treated, 2002	1,000	1,200	402	6,353	5,190	90	(D)	
	1997	3,029	2,168	3,708	3,380	(D)	199	2,652	
Diseases in crops and orchards	farms, 2002	39	13	1	11	2	10	8	
	1997	11	5	10	6	41	37	2	
	acres treated, 2002	2,425	1,834	(D)	1,155	(D)	209	350	
	1997	495	50	741	60	4,575	380	(D)	
	Chemicals used to control growth, thin fruit, or defoliate	farms, 2002	-	-	-	-	-	10	28
		1997	-	-	-	-	1	-	-
acres on which used, 2002		-	-	-	-	-	67	122	
1997		-	-	-	-	(D)	-	-	

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	752	605	611	489	537	309	611	495
1997	862	612	695	629	646	406	596	577
acres treated, 2002	179,680	109,175	176,747	108,130	193,787	126,502	154,813	217,515
1997	165,256	102,115	136,543	114,194	155,084	112,750	131,234	230,272
Cropland fertilized, except cropland pastured . . . . . farms, 2002	730	523	577	469	524	309	581	487
1997	833	563	669	601	630	365	596	543
acres treated, 2002	172,807	85,612	172,076	101,696	188,355	126,067	154,463	202,319
1997	162,923	85,847	133,886	107,535	151,997	103,301	129,845	211,775
Pastureland and rangeland fertilized . . . . . farms, 2002	103	225	91	72	64	31	44	112
1997	89	175	86	135	66	153	36	143
acres treated, 2002	6,873	23,563	4,671	6,434	5,432	435	350	15,196
1997	2,333	16,268	2,657	6,659	3,087	9,449	1,389	18,497
Manure . . . . . farms, 2002	476	121	273	164	234	21	275	183
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	45,735	6,324	20,337	10,161	20,634	1,152	31,405	18,326
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	230	130	294	104	223	97	141	282
1997	304	157	431	187	356	153	284	248
acres treated, 2002	57,404	11,763	57,193	17,596	52,626	28,078	19,429	69,582
1997	47,575	13,465	52,783	24,301	46,555	21,566	43,364	62,627
Weeds, grass, or brush . . . . . farms, 2002	690	502	533	399	456	242	508	428
1997	721	492	550	453	551	325	539	499
acres treated, 2002	194,760	109,194	183,803	101,975	230,221	144,124	181,841	235,128
1997	218,198	120,477	148,858	116,188	202,631	153,099	169,791	230,533
Nematodes . . . . . farms, 2002	9	9	2	26	12	-	22	28
1997	1	9	38	24	33	-	2	53
acres treated, 2002	(D)	-	(D)	1,615	485	-	911	7,840
1997	330	777	1,631	4,347	4,167	-	(D)	-
Diseases in crops and orchards . . . . . farms, 2002	-	-	1	8	1	-	2	15
1997	20	2	9	22	28	-	2	14
acres treated, 2002	-	-	(D)	12	(D)	-	(D)	4,579
1997	6,008	(D)	140	1,395	3,994	-	(D)	5,369
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	-	1	-	-	-	-
1997	-	-	-	-	-	-	3	-
acres on which used, 2002	-	-	-	(D)	-	-	-	-
1997	-	-	-	-	-	-	(D)	-
Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	361	373	445	770	456	675	534	1,043
1997	398	431	576	844	572	648	673	1,125
acres treated, 2002	68,656	96,747	120,794	200,682	149,408	179,205	157,659	306,860
1997	55,211	125,178	114,928	179,296	147,591	128,713	152,476	265,784
Cropland fertilized, except cropland pastured . . . . . farms, 2002	325	335	438	746	456	610	534	1,026
1997	363	415	556	842	572	636	659	1,107
acres treated, 2002	57,420	87,964	119,290	198,494	149,408	143,050	157,340	299,298
1997	45,063	113,965	113,728	177,107	146,241	111,372	151,078	257,458
Pastureland and rangeland fertilized . . . . . farms, 2002	165	132	45	59	-	328	17	140
1997	125	147	45	33	45	201	43	119
acres treated, 2002	11,236	8,783	1,504	2,188	-	36,155	319	7,562
1997	10,148	11,213	1,200	2,189	1,350	17,341	1,398	8,326
Manure . . . . . farms, 2002	192	122	163	384	194	237	244	469
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	8,951	10,612	11,531	35,504	26,068	9,074	42,997	60,994
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	76	108	146	289	230	214	128	388
1997	90	126	302	284	172	169	129	467
acres treated, 2002	10,985	32,433	26,718	48,371	51,967	29,215	19,917	79,235
1997	5,303	33,173	36,728	38,845	35,037	23,976	19,396	54,856
Weeds, grass, or brush . . . . . farms, 2002	280	360	308	596	369	603	492	813
1997	315	357	456	731	437	572	615	991
acres treated, 2002	59,466	135,142	103,053	218,953	163,834	198,671	188,484	283,599
1997	47,360	110,560	129,048	251,192	169,359	154,990	247,106	316,706
Nematodes . . . . . farms, 2002	-	21	10	11	2	1	53	28
1997	12	14	24	15	2	8	25	60
acres treated, 2002	-	10,011	2,274	905	(D)	(D)	5,361	4,637
1997	1,228	2,417	5,621	7,420	(D)	1,615	3,962	3,660
Diseases in crops and orchards . . . . . farms, 2002	-	-	10	-	-	8	11	23
1997	13	6	40	15	-	2	16	12
acres treated, 2002	-	-	2,600	-	-	1,200	306	1,115
1997	485	701	1,475	7,303	-	(D)	3,446	288
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	1	-	-	-	-	-	9
1997	-	-	-	-	-	-	-	-
acres on which used, 2002	-	(D)	-	-	-	-	-	132
1997	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> farms, 2002	586	426	850	547	380	613	514	721
1997	758	500	1,165	615	379	712	701	826
acres treated, 2002	216,654	156,461	322,868	161,002	100,868	206,531	173,334	210,228
1997	209,651	107,040	319,619	132,040	71,091	193,369	153,280	230,748
Cropland fertilized, except cropland pastured farms, 2002	577	417	839	508	362	613	505	706
1997	758	500	1,130	597	337	694	701	789
acres treated, 2002	216,094	154,774	307,286	151,085	69,820	204,593	172,974	201,062
1997	209,157	103,642	306,691	121,197	55,457	189,703	152,696	222,376
Pastureland and rangeland fertilized farms, 2002	21	36	189	167	172	38	47	138
1997	26	54	231	135	153	70	50	233
acres treated, 2002	560	1,687	15,582	9,917	31,048	1,938	360	9,166
1997	494	3,398	12,928	10,843	15,634	3,666	584	8,372
Manure farms, 2002	199	92	351	298	87	230	216	234
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	26,073	5,915	19,267	15,288	13,840	29,120	16,333	12,898
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects <sup>2</sup> farms, 2002	179	157	460	205	85	245	213	246
1997	92	215	460	283	65	185	471	450
acres treated, 2002	50,359	38,316	70,790	27,147	13,500	53,888	62,671	56,929
1997	11,866	24,421	49,635	24,979	3,460	30,609	65,053	48,910
Weeds, grass, or brush farms, 2002	473	282	758	511	272	530	473	590
1997	647	473	932	517	282	610	579	654
acres treated, 2002	256,355	131,420	324,182	149,767	70,670	263,717	165,354	188,570
1997	281,464	147,225	359,236	150,126	65,319	260,462	160,688	205,928
Nematodes farms, 2002	71	22	23	-	14	61	14	24
1997	13	6	36	13	1	6	27	22
acres treated, 2002	20,580	3,316	2,351	-	2,241	3,917	5,603	3,266
1997	1,035	36	3,325	953	(D)	510	1,676	894
Diseases in crops and orchards farms, 2002	9	18	-	8	-	1	8	13
1997	-	14	8	7	3	1	11	-
acres treated, 2002	5,400	143	-	328	-	(D)	(D)	1,070
1997	-	473	624	1,558	21	(D)	6,401	-
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	-	17	-	-	-	-	-	-
1997	-	2	-	-	-	-	-	-
acres on which used, 2002	-	119	-	-	-	-	-	-
1997	-	(D)	-	-	-	-	-	-
Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> farms, 2002	1,085	693	692	389	300	393	404	546
1997	1,325	783	799	429	415	467	465	727
acres treated, 2002	277,632	217,560	234,221	121,921	76,692	90,126	92,537	113,372
1997	267,795	187,145	193,909	107,315	72,005	63,342	67,050	92,600
Cropland fertilized, except cropland pastured farms, 2002	1,055	684	676	361	275	385	342	521
1997	1,304	776	766	383	370	448	431	707
acres treated, 2002	276,424	216,578	228,604	101,584	60,856	84,336	88,773	99,203
1997	265,335	186,232	189,410	83,494	57,267	55,250	61,322	85,837
Pastureland and rangeland fertilized farms, 2002	49	22	97	161	140	73	153	129
1997	94	32	117	137	150	137	113	107
acres treated, 2002	1,208	982	5,617	20,337	15,836	5,790	3,764	14,169
1997	2,460	913	4,499	23,821	14,738	8,092	5,728	6,763
Manure farms, 2002	902	205	370	128	111	188	130	99
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	107,313	14,129	24,513	12,056	8,151	8,284	2,888	5,580
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects <sup>2</sup> farms, 2002	466	223	237	101	65	106	119	121
1997	579	169	413	95	76	160	137	250
acres treated, 2002	97,878	57,851	66,032	14,257	7,497	20,635	16,209	15,877
1997	84,626	50,538	56,245	26,798	3,309	13,338	14,943	15,986
Weeds, grass, or brush farms, 2002	951	622	580	301	277	284	245	520
1997	1,165	641	660	392	387	354	293	586
acres treated, 2002	285,324	261,800	215,975	106,008	99,650	55,862	75,475	94,520
1997	323,309	242,720	219,112	103,404	86,142	72,896	67,988	125,645
Nematodes farms, 2002	34	51	2	1	10	1	1	18
1997	23	6	18	13	-	16	-	-
acres treated, 2002	3,177	16,864	(D)	(D)	(D)	800	(D)	144
1997	3,570	330	1,579	170	-	1,341	-	-
Diseases in crops and orchards farms, 2002	2	14	10	-	9	-	-	19
1997	3	18	27	12	-	14	-	8
acres treated, 2002	(D)	1,034	1,965	-	27	-	-	414
1997	(D)	2,760	3,222	3,373	-	140	-	377
Chemicals used to control growth, thin fruit, or defoliate farms, 2002	1	7	-	-	-	-	-	43
1997	-	-	-	-	-	-	-	-
acres on which used, 2002	(D)	44	-	-	-	-	-	834
1997	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Commercial fertilizer, lime, and soil conditioners <sup>1</sup> . . . . . farms, 2002	646	319	674	407	887	691	368	546
1997	727	523	815	477	1,001	926	458	591
acres treated, 2002	170,699	82,679	233,153	162,308	204,024	259,465	122,723	195,817
1997	162,571	71,294	228,902	140,229	163,674	266,320	118,643	205,479
Cropland fertilized, except cropland pastured . . . . . farms, 2002	627	307	667	407	876	653	353	546
1997	701	453	807	466	957	841	458	591
acres treated, 2002	166,267	76,620	232,915	160,528	198,133	241,238	122,378	195,297
1997	160,375	56,747	228,674	139,955	153,564	247,078	117,567	205,235
Pastureland and rangeland fertilized . . . . . farms, 2002	81	67	26	20	144	199	15	8
1997	70	201	14	18	202	213	31	4
acres treated, 2002	4,432	6,059	238	1,780	5,891	18,227	345	520
1997	2,196	14,547	228	274	10,110	19,242	1,076	244
Manure . . . . . farms, 2002	396	153	233	165	575	243	149	256
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	36,559	14,146	15,285	34,162	44,829	22,470	7,368	32,469
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-								
Insects <sup>2</sup> . . . . . farms, 2002	397	36	160	80	440	215	95	121
1997	316	145	125	67	604	320	133	114
acres treated, 2002	69,384	5,861	29,840	9,115	61,822	46,496	4,800	29,334
1997	45,490	10,230	22,592	13,408	69,754	60,142	13,624	21,685
Weeds, grass, or brush . . . . . farms, 2002	582	219	534	370	560	574	315	398
1997	660	300	688	391	748	789	408	529
acres treated, 2002	161,948	79,724	284,639	181,424	147,529	210,983	169,385	203,687
1997	200,337	61,884	310,969	182,133	123,495	278,740	154,758	262,395
Nematodes . . . . . farms, 2002	23	-	89	10	17	20	11	44
1997	8	9	1	2	56	17	1	40
acres treated, 2002	3,259	-	19,606	470	5,397	5,530	374	4,445
1997	583	396	(D)	(D)	3,440	5,465	(D)	7,030
Diseases in crops and orchards . . . . . farms, 2002	22	-	11	9	10	-	1	-
1997	30	-	9	1	25	42	-	7
acres treated, 2002	655	-	3,850	18	3,650	-	(D)	-
1997	4,478	-	1,712	(D)	83	5,057	-	118
Chemicals used to control growth, thin fruit, or defoliate . . . . . farms, 2002	-	-	-	-	9	-	-	-
1997	-	-	-	-	-	-	-	-
acres on which used, 2002	-	-	-	-	405	-	-	-
1997	-	-	-	-	-	-	-	-

<sup>1</sup> Data for 1997 exclude lime.

<sup>2</sup> Data for 1997 include treatment of crops, including hay, but not other land.

**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>FARMS</b>							
Land in farms	farms, 2002 90,655	843	567	1,083	816	638	1,186
	1997 96,705	837	608	1,025	862	686	1,286
	acres, 2002 31,729,490	373,216	237,824	326,122	235,638	261,210	400,654
	1997 32,313,119	351,218	243,735	308,083	254,160	281,826	435,037
Harvested cropland	farms, 2002 67,338	621	380	630	580	428	933
	1997 77,706	671	459	731	654	557	1,060
	acres, 2002 23,994,343	242,912	134,308	144,612	88,565	205,216	331,805
	1997 24,008,826	222,971	128,291	138,471	103,810	225,163	350,786
<b>TENURE</b>							
Full owners	farms, 2002 49,889	497	369	749	564	349	561
	1997 47,132	428	346	641	581	328	569
	acres, 2002 8,626,697	116,305	86,657	160,821	111,405	60,286	84,825
	1997 7,540,057	88,808	76,240	135,215	109,535	58,125	78,942
Harvested cropland	farms, 2002 28,352	294	194	326	355	155	322
	1997 30,357	287	211	379	400	217	363
	acres, 2002 4,664,209	58,059	33,014	45,423	29,938	32,107	53,413
	1997 3,863,124	45,951	28,247	41,085	34,542	34,717	45,256
Part owners	farms, 2002 30,265	273	161	260	220	218	439
	1997 33,908	303	195	281	221	259	487
	acres, 2002 19,260,548	224,227	133,737	146,064	111,421	172,115	254,214
	1997 19,630,176	224,692	143,527	142,952	130,044	187,675	276,105
Owned land in farms	acres, 2002 7,019,775	96,392	56,926	76,771	63,844	58,223	98,132
	1997 7,362,108	101,682	67,142	78,424	64,424	71,607	101,347
Rented land in farms	acres, 2002 12,240,773	127,835	76,811	69,293	47,577	113,892	156,082
	1997 12,268,068	123,010	76,385	64,528	65,620	116,068	174,758
Harvested cropland	farms, 2002 29,342	268	153	246	201	210	430
	1997 33,027	297	186	264	209	254	478
	acres, 2002 15,973,117	160,943	87,113	85,626	51,445	147,310	222,232
	1997 15,746,834	150,160	84,153	79,448	61,949	159,517	235,338
Tenants	farms, 2002 10,501	73	37	74	32	71	186
	1997 15,665	106	67	103	60	99	230
	acres, 2002 3,842,245	32,684	17,430	19,237	12,812	28,809	61,615
	1997 5,142,886	37,718	23,968	29,916	14,581	36,026	79,990
Harvested cropland	farms, 2002 9,644	59	33	58	24	63	181
	1997 14,322	87	62	88	45	86	219
	acres, 2002 3,357,017	23,910	14,181	13,563	7,182	25,799	56,160
	1997 4,398,868	26,860	15,891	17,938	7,319	30,929	70,192
<b>2002 NUMBER OF ALL OPERATORS</b>							
Total operators	number 127,166	1,154	805	1,545	1,166	893	1,610
Farms by number of operators:							
1 operator	60,439	588	371	709	521	423	808
2 operators	25,841	222	168	310	257	184	341
3 operators	3,175	20	19	48	24	25	29
4 operators	833	8	7	8	11	3	7
5 or more operators	367	5	2	8	3	3	1
Total women operators	number 28,143	247	205	374	309	190	356
Farms by number of women operators:							
1 operator	25,714	228	179	342	291	178	336
2 operators	946	8	7	10	6	6	10
3 operators	133	1	2	4	2	-	-
4 operators	14	-	-	-	-	-	-
5 or more operators	15	-	1	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>							
Sex of operator:							
Male	farms, 2002 84,451	789	512	983	735	604	1,108
	1997 91,604	793	561	966	769	666	1,230
	acres, 2002 30,747,237	363,953	223,194	308,343	220,364	254,902	389,344
	1997 31,438,035	343,971	227,951	293,770	238,965	274,413	430,412
Female	farms, 2002 6,204	54	55	100	81	34	78
	1997 5,101	44	47	59	93	20	56
	acres, 2002 982,253	9,263	14,630	17,779	15,274	6,308	11,310
	1997 875,084	7,247	15,784	14,313	15,195	7,413	4,625
Primary occupation:							
Farming	2002 61,935	585	396	703	459	446	807
	1997 58,124	517	357	630	416	466	754
Other	2002 28,720	258	171	380	357	192	379
	1997 38,581	320	251	395	446	220	532
Place of residence <sup>1</sup> :							
On farm operated	2002 69,329	595	416	827	633	453	940
	1997 70,391	578	422	785	618	498	988
Not on farm operated	2002 21,326	248	151	256	183	185	246
	1997 21,086	216	145	191	210	148	232
Days worked off farm <sup>1</sup> :							
None	2002 41,409	395	267	557	331	302	503
	1997 42,311	390	256	483	322	335	534
Any	2002 49,246	448	300	526	485	336	683
	1997 49,474	402	317	482	503	325	686
1 to 49 days	2002 6,380	47	35	64	54	41	78
	1997 6,974	63	34	57	40	51	91
50 to 99 days	2002 3,131	30	18	23	38	29	33
	1997 3,171	19	24	27	24	21	40
100 to 199 days	2002 6,084	68	28	50	51	48	73
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002 33,651	303	219	389	342	218	499
	1997 31,853	254	212	307	342	190	472

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun	
<b>FARMS</b>								
Land in farms	farms, 2002	939	827	956	1,067	825	1,076	762
	1997	1,061	920	1,044	1,203	904	1,158	829
	acres, 2002	275,014	312,708	254,923	340,422	341,677	327,708	340,739
	1997	292,620	342,552	246,107	347,257	366,225	334,766	345,828
Harvested cropland	farms, 2002	723	668	746	857	662	783	612
	1997	907	797	858	1,008	787	943	761
	acres, 2002	241,295	267,212	218,189	298,590	305,632	277,250	309,225
	1997	258,606	295,493	205,940	293,232	324,361	277,238	314,757
<b>TENURE</b>								
Full owners	farms, 2002	488	413	489	545	335	553	326
	1997	484	396	521	591	289	528	261
	acres, 2002	59,581	60,102	60,896	72,337	55,008	73,322	50,305
	1997	51,431	58,713	56,136	72,740	49,870	70,902	36,012
Harvested cropland	farms, 2002	293	267	299	352	186	279	186
	1997	349	292	357	424	192	332	211
	acres, 2002	44,094	40,091	42,502	52,958	43,853	47,023	38,281
	1997	37,083	42,207	38,393	49,740	39,131	44,386	30,158
Part owners	farms, 2002	349	289	350	368	331	387	308
	1997	437	351	372	395	420	421	364
	acres, 2002	195,006	204,763	169,514	216,851	226,449	216,585	233,110
	1997	203,195	206,956	159,540	220,591	251,288	213,580	235,138
Owned land in farms	acres, 2002	64,971	58,776	64,398	80,851	63,138	74,769	62,621
	1997	70,271	63,805	60,951	84,262	69,273	75,268	66,460
Rented land in farms	acres, 2002	130,035	145,987	105,116	136,000	163,311	141,816	170,489
	1997	132,924	143,151	98,589	136,329	182,015	138,312	168,678
Harvested cropland	farms, 2002	336	283	337	360	324	376	303
	1997	424	344	357	387	417	414	361
	acres, 2002	178,158	184,065	153,669	199,149	205,737	196,425	216,166
	1997	185,272	183,375	139,621	196,205	224,616	188,833	216,575
Tenants	farms, 2002	102	125	117	154	159	136	128
	1997	140	173	151	217	195	209	204
	acres, 2002	20,427	47,843	24,513	51,234	60,220	37,801	57,324
	1997	37,994	76,883	30,431	53,926	65,067	50,284	74,678
Harvested cropland	farms, 2002	94	118	110	145	152	128	123
	1997	134	161	144	197	178	197	189
	acres, 2002	19,043	43,056	22,018	46,483	56,042	33,802	54,778
	1997	36,251	69,911	27,926	47,287	60,614	44,019	68,024
<b>2002 NUMBER OF ALL OPERATORS</b>								
Total operators	number	1,343	1,134	1,406	1,550	1,140	1,528	1,096
Farms by number of operators:								
1 operator		616	579	581	654	579	678	528
2 operators		267	205	331	363	199	357	194
3 operators		35	37	27	37	34	30	29
4 operators		17	1	9	10	8	9	6
5 or more operators		4	5	8	3	5	2	5
Total women operators	number	285	239	331	372	197	377	229
Farms by number of women operators:								
1 operator		256	223	302	356	179	347	199
2 operators		13	5	10	5	6	12	7
3 operators		1	2	3	-	2	2	2
4 operators		-	-	-	-	-	-	-
5 or more operators		-	-	-	1	-	-	2
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>								
Sex of operator:								
Male	farms, 2002	893	771	922	1,032	790	1,030	706
	1997	1,012	878	1,001	1,147	867	1,103	792
	acres, 2002	266,888	308,740	251,903	335,572	337,760	323,185	331,837
	1997	286,479	336,498	241,499	338,503	358,392	327,037	339,339
Female	farms, 2002	46	56	34	35	35	46	56
	1997	49	42	43	56	37	55	37
	acres, 2002	8,126	3,968	3,020	4,850	3,917	4,523	8,902
	1997	6,141	6,054	4,608	8,754	7,833	7,729	6,489
Primary occupation:								
Farming	2002	581	561	640	765	642	740	570
	1997	539	559	548	747	675	672	567
Other	2002	358	266	316	302	183	336	192
	1997	522	361	496	456	229	486	262
Place of residence <sup>1</sup> :								
On farm operated	2002	717	651	800	840	608	865	534
	1997	796	678	839	894	684	855	556
Not on farm operated	2002	222	176	156	227	217	211	228
	1997	197	210	163	223	178	236	234
Days worked off farm <sup>1</sup> :								
None	2002	428	362	396	477	401	545	344
	1997	365	414	396	514	447	478	392
Any	2002	511	465	560	590	424	531	418
	1997	649	471	608	623	403	628	402
1 to 49 days	2002	52	73	64	96	64	71	69
	1997	79	65	59	92	100	101	83
50 to 99 days	2002	37	32	27	32	34	34	26
	1997	42	29	33	35	36	35	41
100 to 199 days	2002	68	33	56	77	61	69	66
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002	354	327	413	385	265	357	257
	1997	449	312	441	405	205	410	207

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>FARMS</b>								
Land in farms	farms, 2002	1,045	764	971	795	837	951	726
	1997	1,151	852	1,023	880	930	979	737
Harvested cropland	acres, 2002	364,175	336,625	338,493	323,420	335,410	271,098	216,187
	1997	361,668	343,530	337,077	313,140	340,606	281,157	233,349
Harvested cropland	farms, 2002	838	564	728	619	702	707	503
	1997	1,000	697	843	729	802	816	530
Harvested cropland	acres, 2002	310,612	254,695	273,846	291,508	271,900	224,672	82,352
	1997	309,778	244,324	272,753	274,248	271,754	229,138	82,930
<b>TENURE</b>								
Full owners	farms, 2002	444	414	495	368	315	547	521
	1997	427	393	457	377	321	466	475
Harvested cropland	acres, 2002	67,456	94,859	79,226	49,355	56,224	84,879	109,995
	1997	67,303	79,437	62,250	57,146	58,587	64,129	99,514
Harvested cropland	farms, 2002	253	243	275	202	199	322	309
	1997	300	267	300	245	223	322	296
Harvested cropland	acres, 2002	48,077	58,973	49,218	35,674	36,953	58,008	35,196
	1997	52,932	44,799	36,221	39,774	38,063	41,422	27,417
Part owners	farms, 2002	426	261	351	313	369	317	172
	1997	459	333	381	329	393	369	199
Owned land in farms	acres, 2002	236,122	200,270	211,953	223,431	225,190	165,288	98,862
	1997	217,729	221,985	207,011	198,680	207,093	184,589	115,807
Owned land in farms	acres, 2002	76,205	75,505	77,232	64,031	70,146	70,277	44,339
	1997	72,182	88,050	76,026	66,066	68,077	81,804	58,135
Rented land in farms	acres, 2002	159,917	124,765	134,721	159,400	155,044	95,011	54,523
	1997	145,547	133,935	130,985	132,614	139,016	102,785	57,672
Harvested cropland	farms, 2002	421	242	342	306	362	309	169
	1997	453	315	377	320	383	366	187
Harvested cropland	acres, 2002	207,769	162,194	181,888	206,680	189,151	147,315	43,821
	1997	189,914	167,223	175,611	180,881	170,844	159,635	48,958
Tenants	farms, 2002	175	89	125	114	153	87	33
	1997	265	126	185	174	216	144	63
Harvested cropland	acres, 2002	60,597	41,496	47,314	50,634	53,996	20,931	7,330
	1997	76,636	42,108	67,816	57,314	74,926	32,439	18,028
Harvested cropland	farms, 2002	164	79	111	111	141	76	25
	1997	247	115	166	164	196	128	47
Harvested cropland	acres, 2002	54,766	33,528	42,740	49,154	45,796	19,349	3,335
	1997	66,932	32,302	60,921	53,593	62,847	28,081	6,555
<b>2002 NUMBER OF ALL OPERATORS</b>								
Total operators	number	1,424	1,056	1,369	1,085	1,137	1,336	1,051
Farms by number of operators:								
1 operator		738	524	636	561	593	631	458
2 operators		258	206	285	197	202	279	228
3 operators		35	24	39	28	33	28	25
4 operators		8	3	10	5	5	9	13
5 or more operators		6	7	1	4	4	4	2
Total women operators	number	230	222	362	202	221	305	272
Farms by number of women operators:								
1 operator		203	200	350	187	194	279	252
2 operators		12	7	6	3	6	10	10
3 operators		1	-	-	3	5	2	-
4 operators		-	2	-	-	-	-	-
5 or more operators		-	-	-	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>								
Sex of operator:								
Male	farms, 2002	1,006	729	845	762	797	885	669
	1997	1,118	812	956	840	894	930	684
	acres, 2002	358,041	332,961	321,406	316,047	324,825	263,324	206,622
	1997	354,724	332,574	323,773	302,840	331,969	274,090	226,254
Female	farms, 2002	39	35	126	33	40	66	57
	1997	33	40	67	40	36	49	53
	acres, 2002	6,134	3,664	17,087	7,373	10,585	7,774	9,565
	1997	6,944	10,956	13,304	10,300	8,637	7,067	7,095
Primary occupation:								
Farming	2002	806	551	650	607	639	674	433
	1997	790	553	645	545	639	643	366
Other	2002	239	213	321	188	198	277	293
	1997	361	299	378	335	291	336	371
Place of residence <sup>1</sup> :								
On farm operated	2002	785	578	783	638	685	732	574
	1997	814	617	742	588	704	729	523
Not on farm operated	2002	260	186	188	157	152	219	152
	1997	282	183	217	244	179	186	170
Days worked off farm <sup>1</sup> :								
None	2002	502	360	430	336	419	435	327
	1997	478	395	470	413	468	468	277
Any	2002	543	404	541	459	418	516	399
	1997	607	415	509	428	430	447	410
1 to 49 days	2002	80	59	71	60	56	70	28
	1997	120	64	75	72	79	56	40
50 to 99 days	2002	42	16	36	34	30	18	19
	1997	57	22	36	20	27	33	23
100 to 199 days	2002	59	43	49	46	49	77	49
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002	362	286	385	319	283	351	303
	1997	334	268	328	287	259	291	301

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur	
<b>FARMS</b>								
Land in farms	farms, 2002	691	1,601	1,219	927	938	1,007	788
	1997	705	1,738	1,355	1,169	1,002	964	803
	acres, 2002	311,695	432,724	387,596	445,913	309,157	290,887	277,928
	1997	294,529	464,582	381,666	443,675	337,424	279,239	276,770
Harvested cropland	farms, 2002	570	1,011	897	722	703	707	511
	1997	597	1,324	1,081	939	804	726	547
	acres, 2002	270,329	248,030	313,542	360,907	252,414	128,895	96,216
	1997	250,866	275,172	299,978	333,789	274,553	113,877	91,684
<b>TENURE</b>								
Full owners	farms, 2002	290	1,038	616	446	577	743	565
	1997	267	1,007	643	511	520	642	526
	acres, 2002	57,135	185,251	89,384	99,951	78,084	150,350	134,586
	1997	38,362	184,145	85,942	86,468	57,718	116,892	125,139
Harvested cropland	farms, 2002	175	481	318	261	360	459	319
	1997	172	621	412	317	348	427	311
	acres, 2002	42,465	63,324	51,745	68,496	44,803	52,061	34,003
	1997	24,407	78,913	48,453	50,708	34,199	34,504	29,097
Part owners	farms, 2002	289	420	413	352	267	235	187
	1997	282	497	481	437	338	266	207
	acres, 2002	209,718	208,585	242,192	292,431	186,399	130,207	128,567
	1997	201,737	223,389	239,634	292,713	208,586	146,777	130,964
Owned land in farms	acres, 2002	58,796	108,639	91,190	105,859	52,119	73,836	71,129
	1997	60,522	124,359	100,767	109,864	63,736	80,773	71,942
Rented land in farms	acres, 2002	150,922	99,946	151,002	186,572	134,280	56,371	57,438
	1997	141,215	99,030	138,867	182,849	144,850	66,004	59,022
Harvested cropland	farms, 2002	287	408	396	344	258	224	167
	1997	280	489	458	422	330	257	189
	acres, 2002	187,863	155,566	210,533	247,356	167,454	71,730	55,504
	1997	177,010	154,769	202,432	231,652	174,182	72,823	55,103
Tenants	farms, 2002	112	143	190	129	94	29	36
	1997	156	234	231	221	144	56	70
	acres, 2002	44,842	38,888	56,020	53,531	44,674	10,330	14,775
	1997	54,430	57,048	56,090	64,494	71,120	15,570	20,667
Harvested cropland	farms, 2002	108	122	183	117	85	24	25
	1997	145	214	211	200	126	42	47
	acres, 2002	40,001	29,140	51,264	45,055	40,157	5,104	6,709
	1997	49,449	41,490	49,093	51,429	66,172	6,550	7,484
<b>2002 NUMBER OF ALL OPERATORS</b>								
Total operators	number	960	2,362	1,713	1,278	1,319	1,487	1,128
Farms by number of operators:								
1 operator		470	995	799	644	626	613	501
2 operators		187	510	363	235	270	341	249
3 operators		23	66	46	34	28	37	26
4 operators		8	20	5	9	7	8	9
5 or more operators		3	10	6	5	7	8	3
Total women operators	number	212	558	391	229	301	386	309
Farms by number of women operators:								
1 operator		192	494	362	205	263	349	279
2 operators		10	29	10	12	16	11	15
3 operators		-	2	3	-	2	5	-
4 operators		-	-	-	-	-	-	-
5 or more operators		-	-	-	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>								
Sex of operator:								
Male	farms, 2002	636	1,499	1,145	886	875	937	698
	1997	667	1,649	1,286	1,116	947	903	741
	acres, 2002	296,127	416,397	374,806	439,132	301,724	278,590	259,175
	1997	289,197	449,653	366,912	436,138	329,360	270,908	258,846
Female	farms, 2002	55	102	74	41	63	70	90
	1997	38	89	69	53	55	61	62
	acres, 2002	15,568	16,327	12,790	6,781	7,433	12,297	18,753
	1997	5,332	14,929	14,754	7,537	8,064	8,331	17,924
Primary occupation:								
Farming	2002	557	1,111	818	684	508	588	427
	1997	468	1,083	772	726	519	455	382
Other	2002	134	490	401	243	430	419	361
	1997	237	655	583	443	483	509	421
Place of residence <sup>1</sup> :								
On farm operated	2002	563	1,246	948	694	736	806	559
	1997	537	1,292	1,028	816	725	732	535
Not on farm operated	2002	128	355	271	233	202	201	229
	1997	135	337	279	274	217	156	211
Days worked off farm <sup>1</sup> :								
None	2002	378	792	526	442	374	355	303
	1997	348	855	553	507	406	325	279
Any	2002	313	809	693	485	564	652	485
	1997	329	797	763	580	557	596	481
1 to 49 days	2002	49	109	82	59	59	37	43
	1997	57	83	112	72	72	56	44
50 to 99 days	2002	22	55	35	43	36	42	20
	1997	24	46	35	36	35	39	25
100 to 199 days	2002	59	80	92	44	85	127	54
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002	183	565	484	339	384	446	368
	1997	203	536	513	376	376	388	335

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	
<b>FARMS</b>									
Land in farms	farms, 2002	1,253	674	492	1,481	510	1,344	895	825
	1997	1,318	697	551	1,669	556	1,369	908	896
	acres, 2002	345,238	181,197	203,174	315,895	235,407	414,853	291,282	337,336
	1997	328,742	199,778	210,180	344,383	229,501	416,104	310,225	354,426
Harvested cropland	farms, 2002	991	511	387	1,117	401	962	639	655
	1997	1,119	582	441	1,291	442	1,118	751	775
	acres, 2002	271,184	136,795	179,208	201,526	208,352	326,110	251,429	302,363
	1997	258,649	144,197	172,476	213,944	195,272	324,935	264,434	308,982
<b>TENURE</b>									
Full owners	farms, 2002	716	396	236	969	215	766	486	369
	1997	705	376	223	1,020	215	648	399	322
	acres, 2002	120,932	49,992	36,941	153,272	36,937	109,024	68,043	69,551
	1997	113,650	52,620	30,256	157,368	36,433	95,312	50,943	51,194
Harvested cropland	farms, 2002	475	250	139	626	117	397	243	211
	1997	518	278	127	683	107	424	257	223
	acres, 2002	79,357	28,193	26,172	78,506	27,256	61,136	44,722	55,240
	1997	74,610	27,898	17,314	80,918	20,589	57,818	30,739	39,031
Part owners	farms, 2002	386	204	186	347	206	431	297	312
	1997	369	233	218	399	207	492	346	368
	acres, 2002	183,179	100,867	136,726	124,688	159,021	261,138	185,907	214,318
	1997	154,223	121,901	137,253	139,915	138,371	258,507	200,694	229,940
Owned land in farms	acres, 2002	88,001	40,853	38,110	69,547	47,081	105,785	65,564	63,615
	1997	76,445	41,563	44,174	76,950	43,318	109,209	78,643	69,871
Rented land in farms	acres, 2002	95,178	60,014	98,616	55,141	111,940	155,353	120,343	150,703
	1997	77,778	80,338	93,079	62,965	95,953	149,298	122,051	160,069
Harvested cropland	farms, 2002	374	192	180	340	204	426	292	307
	1997	365	227	211	387	206	484	339	361
	acres, 2002	158,394	81,915	125,079	93,186	144,997	225,180	171,724	197,336
	1997	130,986	94,530	116,963	97,220	124,519	213,624	178,461	203,197
Tenants	farms, 2002	151	74	70	165	89	147	112	144
	1997	244	88	110	250	134	229	163	206
	acres, 2002	41,127	30,338	29,507	37,935	39,449	44,691	37,332	53,467
	1997	60,869	25,257	42,671	47,100	54,697	62,285	58,588	73,292
Harvested cropland	farms, 2002	142	69	68	151	80	139	104	137
	1997	236	77	103	221	129	210	155	191
	acres, 2002	33,433	26,687	27,957	29,834	36,099	39,794	34,983	49,787
	1997	53,053	21,769	38,199	35,806	50,164	53,493	55,234	66,754
<b>2002 NUMBER OF ALL OPERATORS</b>									
Total operators	number	1,895	890	681	2,192	724	1,831	1,255	1,102
Farms by number of operators:									
1 operator		744	496	344	882	325	931	602	579
2 operators		405	144	120	519	163	357	249	221
3 operators		78	30	17	54	15	43	31	20
4 operators		24	4	10	20	7	9	7	4
5 or more operators		2	-	1	6	-	4	6	1
Total women operators	number	467	185	139	539	157	402	285	235
Farms by number of women operators:									
1 operator		420	169	125	475	145	367	259	225
2 operators		22	8	7	21	6	14	7	5
3 operators		1	-	-	4	-	1	4	-
4 operators		-	-	-	-	-	1	-	-
5 or more operators		-	-	-	2	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>									
Sex of operator:									
Male	farms, 2002	1,196	609	461	1,407	483	1,270	836	779
	1997	1,261	657	515	1,607	534	1,305	866	850
	acres, 2002	334,458	171,218	194,030	307,599	230,492	399,482	283,349	327,222
	1997	321,640	194,171	206,688	333,380	224,384	406,871	301,330	344,126
Female	farms, 2002	57	65	31	74	27	74	59	46
	1997	57	40	36	62	22	64	42	46
	acres, 2002	10,780	9,979	9,144	8,296	4,915	15,371	7,933	10,114
	1997	7,102	5,607	3,492	11,003	5,117	9,233	8,895	10,300
Primary occupation:									
Farming	2002	948	381	358	1,054	368	916	618	623
	1997	936	364	358	1,031	395	897	551	622
Other	2002	305	293	134	427	142	428	277	202
	1997	382	333	193	638	161	472	357	274
Place of residence <sup>1</sup> :									
On farm operated	2002	1,061	500	381	1,242	365	1,092	667	610
	1997	1,059	504	391	1,288	392	1,050	654	628
Not on farm operated	2002	192	174	111	239	145	252	228	215
	1997	200	164	126	268	143	243	203	231
Days worked off farm <sup>1</sup> :									
None	2002	585	298	205	721	227	631	408	407
	1997	681	301	258	782	260	665	411	445
Any	2002	668	376	287	760	283	713	487	418
	1997	582	372	261	786	269	623	458	402
1 to 49 days	2002	86	36	45	62	50	77	78	53
	1997	75	52	49	76	68	83	66	68
50 to 99 days	2002	43	24	27	46	20	45	23	42
	1997	42	16	18	38	21	46	37	39
100 to 199 days	2002	86	53	29	96	47	62	43	56
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002	453	263	186	556	166	529	343	267
	1997	379	267	156	546	137	413	294	216

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>FARMS</b>								
Land in farms	farms, 2002 547	727	724	885	797	827	829	828
	1997 607	802	791	910	832	895	902	938
	acres, 2002 318,306	347,078	324,139	323,738	348,216	322,322	327,725	428,235
	1997 335,831	354,797	330,840	313,984	359,977	347,522	349,851	412,233
Harvested cropland	farms, 2002 432	577	565	604	602	658	639	616
	1997 517	707	701	682	734	774	769	782
	acres, 2002 256,220	304,668	295,797	220,536	313,870	298,798	286,019	337,240
	1997 246,541	307,113	297,094	199,395	327,197	315,757	307,118	318,423
<b>TENURE</b>								
Full owners	farms, 2002 285	327	284	493	396	334	371	474
	1997 283	284	239	456	303	291	322	453
	acres, 2002 74,146	59,867	34,867	80,957	69,415	52,515	51,784	119,710
	1997 59,330	51,966	27,380	74,352	43,514	40,592	46,528	91,116
Harvested cropland	farms, 2002 177	191	150	247	216	175	203	278
	1997 208	206	167	264	220	182	215	312
	acres, 2002 50,035	46,404	25,009	34,172	51,435	43,321	37,539	78,520
	1997 33,048	38,415	22,261	30,750	32,856	29,074	33,758	55,705
Part owners	farms, 2002 205	277	307	292	279	318	318	276
	1997 235	316	343	319	332	386	371	365
	acres, 2002 202,931	209,289	230,371	206,580	217,169	203,390	220,944	266,896
	1997 212,606	208,343	232,334	197,310	230,202	222,118	227,052	271,198
Owned land in farms	acres, 2002 60,481	63,936	76,847	82,045	61,411	58,580	62,762	82,533
	1997 72,586	68,673	74,649	80,580	64,656	63,673	65,286	97,006
Rented land in farms	acres, 2002 142,450	145,353	153,524	124,535	155,758	144,810	158,182	184,363
	1997 140,020	139,670	157,685	116,730	165,546	158,445	161,766	174,192
Harvested cropland	farms, 2002 200	271	291	271	269	314	306	267
	1997 227	313	337	303	327	385	356	354
	acres, 2002 171,257	185,783	214,320	156,503	203,273	192,131	198,070	222,803
	1997 157,822	182,699	207,702	136,380	213,134	207,399	202,059	219,897
Tenants	farms, 2002 57	123	133	100	122	175	140	78
	1997 89	202	209	135	197	218	209	120
	acres, 2002 41,229	77,922	58,901	36,201	61,632	66,417	54,997	41,629
	1997 63,895	94,488	71,126	42,322	86,261	84,812	76,271	49,919
Harvested cropland	farms, 2002 55	115	124	86	117	130	130	71
	1997 82	188	197	115	187	207	198	116
	acres, 2002 34,928	72,481	56,468	29,861	59,162	63,346	50,410	35,917
	1997 55,671	85,999	67,131	32,265	81,207	79,284	71,301	42,821
<b>2002 NUMBER OF ALL OPERATORS</b>								
Total operators	number 735	1,055	1,054	1,232	1,129	1,126	1,155	1,197
Farms by number of operators:								
1 operator	386	454	461	606	540	574	577	524
2 operators	143	229	215	242	213	222	198	258
3 operators	13	36	33	26	31	23	43	27
4 operators	4	6	12	7	8	5	5	19
5 or more operators	1	2	3	4	5	3	6	-
Total women operators	number 136	220	224	297	191	209	222	245
Farms by number of women operators:								
1 operator	124	199	202	282	164	189	190	227
2 operators	4	6	9	4	11	10	13	9
3 operators	-	3	-	1	-	-	2	-
4 operators	1	-	1	1	-	-	-	-
5 or more operators	-	-	-	-	1	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>								
Sex of operator:								
Male	farms, 2002 515	690	693	797	771	801	788	787
	1997 568	762	770	837	805	873	867	879
	acres, 2002 310,504	336,258	320,622	314,998	340,052	317,681	319,220	417,367
	1997 328,855	343,755	326,556	303,927	354,893	342,644	342,647	394,895
Female	farms, 2002 32	37	31	88	26	26	41	41
	1997 39	40	21	73	27	22	35	59
	acres, 2002 7,802	10,820	3,517	8,740	8,164	4,641	8,505	10,868
	1997 6,976	11,042	4,284	10,057	5,084	4,878	7,204	17,338
Primary occupation:								
Farming	2002 430	524	539	578	602	654	576	569
	1997 403	546	533	514	577	614	612	582
Other	2002 117	203	185	307	195	173	253	259
	1997 204	256	258	396	255	281	290	356
Place of residence <sup>1</sup> :								
On farm operated	2002 404	494	568	644	587	579	591	612
	1997 401	528	606	588	587	655	636	654
Not on farm operated	2002 143	233	156	241	210	248	238	216
	1997 190	228	157	269	207	193	228	238
Days worked off farm <sup>1</sup> :								
None	2002 299	348	338	402	369	397	344	396
	1997 327	386	374	346	410	363	416	441
Any	2002 248	379	386	483	428	430	485	432
	1997 252	373	388	505	383	490	442	448
1 to 49 days	2002 44	52	81	42	51	72	85	55
	1997 50	85	72	83	80	106	90	64
50 to 99 days	2002 22	32	39	17	33	44	35	29
	1997 17	29	22	42	36	53	29	38
100 to 199 days	2002 27	51	54	71	53	58	37	47
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002 155	244	212	353	291	256	328	301
	1997 140	202	234	313	216	262	260	279

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>FARMS</b>								
Land in farms	farms, 2002 857	891	606	618	1,024	1,336	1,212	808
	1997 899	915	630	673	1,049	1,368	1,275	828
	acres, 2002 251,257	269,400	270,868	265,986	340,163	348,814	410,347	233,238
	1997 252,341	277,767	266,824	263,170	342,196	346,548	430,023	239,397
Harvested cropland	farms, 2002 580	601	514	432	672	888	894	518
	1997 675	724	569	558	759	986	1,025	588
	acres, 2002 165,337	212,139	246,764	224,135	217,380	170,281	320,456	135,215
	1997 168,777	221,543	247,620	214,440	216,911	170,644	323,848	142,547
<b>TENURE</b>								
Full owners	farms, 2002 560	562	245	292	636	871	665	547
	1997 510	497	213	282	562	866	598	523
	acres, 2002 85,477	96,978	50,017	44,333	109,609	155,440	104,605	95,898
	1997 72,232	80,550	38,610	52,688	112,766	138,072	78,475	90,276
Harvested cropland	farms, 2002 289	285	162	131	309	473	384	287
	1997 301	319	160	193	299	519	392	308
	acres, 2002 36,890	61,495	40,065	29,187	52,363	51,680	64,055	37,049
	1997 28,495	49,607	33,337	36,813	41,110	50,239	43,211	30,953
Part owners	farms, 2002 228	260	239	211	301	346	418	212
	1997 270	297	249	231	352	336	487	231
	acres, 2002 145,426	151,007	175,530	173,867	207,427	160,689	262,070	122,934
	1997 142,926	157,057	163,565	153,684	193,192	167,479	287,424	126,842
Owned land in farms	acres, 2002 66,800	62,006	47,388	53,850	95,908	75,612	96,429	51,568
	1997 68,673	70,868	44,030	50,041	86,841	83,757	109,901	51,819
Rented land in farms	acres, 2002 78,626	89,001	128,142	120,017	111,519	85,077	165,641	71,366
	1997 74,253	86,189	119,535	103,643	106,351	83,722	177,523	75,023
Harvested cropland	farms, 2002 224	254	238	200	292	320	404	196
	1997 264	293	246	225	343	323	470	224
	acres, 2002 110,271	130,600	164,532	153,234	147,551	99,099	218,969	88,310
	1997 108,178	135,714	152,832	129,563	148,601	94,567	226,906	94,844
Tenants	farms, 2002 69	69	122	115	87	119	129	49
	1997 119	121	168	160	135	166	190	74
	acres, 2002 20,354	21,415	45,321	47,786	23,127	32,685	43,672	14,406
	1997 37,183	40,160	64,649	56,798	36,238	40,997	64,124	22,279
Harvested cropland	farms, 2002 67	62	114	101	71	95	106	35
	1997 110	112	163	140	117	144	163	56
	acres, 2002 18,176	20,044	42,167	41,714	17,466	19,502	37,432	9,856
	1997 32,104	36,222	61,451	48,064	27,200	25,838	53,731	16,750
<b>2002 NUMBER OF ALL OPERATORS</b>								
Total operators	number 1,127	1,282	859	810	1,444	1,871	1,686	1,114
Farms by number of operators:								
1 operator	618	569	383	461	690	881	812	544
2 operators	218	281	195	130	282	402	347	230
3 operators	16	27	26	19	32	37	43	28
4 operators	4	7	2	8	12	10	5	4
5 or more operators	1	7	-	-	8	6	5	2
Total women operators	number 236	334	172	185	348	474	377	268
Farms by number of women operators:								
1 operator	226	305	164	171	310	435	340	254
2 operators	5	9	4	7	12	15	14	7
3 operators	-	-	-	-	2	3	3	-
4 operators	-	-	-	-	-	-	-	-
5 or more operators	-	2	-	-	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>								
Sex of operator:								
Male	farms, 2002 789	826	574	551	928	1,220	1,125	717
	1997 852	856	603	651	967	1,276	1,207	761
	acres, 2002 243,641	258,590	265,859	253,269	324,346	333,805	400,513	222,295
	1997 245,911	269,159	261,173	259,597	323,335	330,181	421,327	225,561
Female	farms, 2002 68	65	32	67	96	116	87	91
	1997 47	59	27	22	82	92	68	67
	acres, 2002 7,616	10,810	5,009	12,717	15,817	15,009	9,834	10,943
	1997 6,430	8,608	5,651	3,573	18,861	16,367	8,696	13,836
Primary occupation:								
Farming	2002 503	608	469	457	677	829	833	493
	1997 463	593	443	462	556	739	745	437
Other	2002 354	283	137	161	347	507	379	315
	1997 436	322	187	211	493	629	530	391
Place of residence <sup>1</sup> :								
On farm operated	2002 660	658	410	500	744	1,040	928	600
	1997 650	690	438	477	731	1,007	958	594
Not on farm operated	2002 197	233	196	118	280	296	284	208
	1997 200	178	163	152	257	268	253	184
Days worked off farm <sup>1</sup> :								
None	2002 375	466	278	304	468	553	567	323
	1997 374	449	275	302	454	554	561	344
Any	2002 482	425	328	314	556	783	645	485
	1997 476	419	318	328	540	744	656	441
1 to 49 days	2002 46	47	53	74	58	52	78	66
	1997 31	60	57	63	44	66	91	55
50 to 99 days	2002 24	28	22	14	16	54	39	30
	1997 31	26	28	26	29	30	44	31
100 to 199 days	2002 50	53	69	31	70	109	64	59
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002 362	297	184	195	412	568	464	330
	1997 351	264	166	177	378	538	422	298

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas	
<b>FARMS</b>									
Land in farms	farms, 2002	1,261	1,024	1,093	1,340	945	1,445	601	747
	1997	1,369	1,100	1,035	1,468	932	1,608	639	771
	acres, 2002	300,882	311,640	343,858	591,814	270,342	348,782	200,954	222,234
	1997	299,120	334,789	332,196	601,406	264,570	353,635	208,106	239,541
Harvested cropland	farms, 2002	933	766	681	1,100	645	1,092	431	480
	1997	1,051	875	734	1,323	701	1,222	490	537
	acres, 2002	220,101	224,933	211,257	543,736	170,119	262,452	148,070	72,176
	1997	205,543	240,792	198,930	549,421	158,698	265,174	150,432	78,245
<b>TENURE</b>									
Full owners	farms, 2002	782	596	734	535	655	884	347	546
	1997	788	571	620	439	561	954	335	504
	acres, 2002	102,657	102,117	144,239	105,752	115,581	99,381	59,656	104,171
	1997	94,508	96,291	116,710	88,309	78,402	96,021	55,309	89,964
Harvested cropland	farms, 2002	474	358	341	316	371	555	191	292
	1997	503	373	338	320	348	600	198	294
	acres, 2002	55,624	54,205	67,247	88,312	51,878	47,607	32,266	20,315
	1997	43,761	50,840	47,641	71,785	28,012	47,641	26,508	19,086
Part owners	farms, 2002	354	325	275	555	242	437	199	171
	1997	372	355	300	305	305	435	217	207
	acres, 2002	170,227	178,764	169,070	387,641	140,147	209,390	121,037	109,556
	1997	163,432	184,846	176,128	383,017	169,678	204,702	125,956	130,260
Owned land in farms	acres, 2002	66,198	78,679	79,441	122,735	61,926	79,430	52,925	56,394
	1997	63,827	84,640	79,475	125,724	76,210	79,704	48,318	69,707
Rented land in farms	acres, 2002	104,029	100,085	89,629	264,906	78,221	129,960	68,112	53,162
	1997	99,605	100,206	96,653	257,293	93,468	124,998	77,638	60,553
Harvested cropland	farms, 2002	345	311	267	545	232	421	192	167
	1997	358	350	293	630	299	423	212	191
	acres, 2002	142,068	145,578	120,046	361,658	107,308	180,802	97,804	48,419
	1997	129,359	145,373	123,453	356,181	118,118	172,166	100,696	50,830
Tenants	farms, 2002	125	103	84	250	48	124	55	30
	1997	209	174	115	388	66	219	87	60
	acres, 2002	27,998	30,759	30,549	98,421	14,614	40,011	20,261	8,507
	1997	41,180	53,652	39,358	130,080	16,490	52,912	26,841	19,317
Harvested cropland	farms, 2002	114	97	73	239	42	116	48	21
	1997	190	152	103	373	54	199	80	52
	acres, 2002	22,409	25,150	23,964	93,766	10,933	34,043	18,000	3,442
	1997	32,423	44,579	27,836	121,455	12,568	45,367	23,228	8,329
<b>2002 NUMBER OF ALL OPERATORS</b>									
Total operators	number	1,808	1,457	1,488	1,854	1,341	2,088	882	1,058
Farms by number of operators:									
1 operator		821	669	766	917	608	906	379	463
2 operators		363	297	272	359	297	462	186	264
3 operators		58	41	45	51	25	60	21	15
4 operators		12	14	7	8	12	11	10	3
5 or more operators		7	3	3	5	3	6	5	2
Total women operators	number	416	307	345	320	325	534	198	286
Farms by number of women operators:									
1 operator		373	274	305	303	300	487	169	272
2 operators		17	12	16	4	8	19	13	7
3 operators		3	3	1	3	3	3	1	-
4 operators		-	-	-	-	-	-	-	-
5 or more operators		-	-	1	-	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>									
Sex of operator:									
Male	farms, 2002	1,128	967	985	1,281	870	1,327	555	682
	1997	1,272	1,044	947	1,421	873	1,493	588	708
	acres, 2002	287,733	302,433	331,592	576,959	259,172	337,788	190,934	211,806
	1997	288,655	325,346	317,563	591,276	254,530	343,270	197,935	227,534
Female	farms, 2002	133	57	108	59	75	118	46	63
	1997	97	56	88	47	59	115	51	63
	acres, 2002	13,149	9,207	12,266	14,855	11,170	10,994	10,020	10,428
	1997	10,465	9,443	14,633	10,130	10,040	10,365	10,171	12,007
Primary occupation:									
Farming	2002	833	712	756	1,016	570	890	390	406
	1997	732	653	562	1,067	471	797	344	366
Other	2002	428	312	337	324	375	555	211	341
	1997	637	447	473	401	461	811	295	405
Place of residence <sup>1</sup> :									
On farm operated	2002	997	799	778	1,004	745	1,199	458	563
	1997	1,015	817	672	1,031	710	1,238	451	559
Not on farm operated	2002	264	225	315	336	200	246	143	184
	1997	273	241	290	375	164	289	154	169
Days worked off farm <sup>1</sup> :									
None	2002	542	493	492	630	430	662	236	307
	1997	551	482	442	714	393	640	264	287
Any	2002	719	531	601	710	515	783	365	440
	1997	755	576	521	683	482	891	362	440
1 to 49 days	2002	98	78	77	184	50	80	50	48
	1997	107	78	53	152	41	69	51	38
50 to 99 days	2002	44	33	31	69	16	31	15	16
	1997	44	33	26	66	18	38	26	24
100 to 199 days	2002	80	58	76	113	79	100	49	40
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002	497	362	417	344	370	572	251	336
	1997	510	383	374	330	362	679	237	314

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>FARMS</b>								
Land in farms . . . . . farms, 2002	1,045	990	1,043	1,051	848	462	828	625
1997	1,201	1,064	1,083	1,059	979	535	871	740
acres, 2002	341,534	304,333	328,579	276,782	335,043	247,254	289,259	392,430
1997	356,082	331,350	334,487	296,865	332,537	246,088	272,196	387,034
Harvested cropland . . . . . farms, 2002	876	750	737	708	636	392	650	505
1997	987	831	820	766	763	454	725	611
acres, 2002	294,141	154,993	231,055	168,055	279,661	203,926	249,796	309,621
1997	299,009	167,002	231,022	174,644	268,016	191,758	235,243	291,022
<b>TENURE</b>								
Full owners . . . . . farms, 2002	383	659	611	729	469	219	407	239
1997	441	673	588	640	491	230	370	269
acres, 2002	64,459	111,400	116,386	113,265	71,928	58,690	69,873	47,196
1997	52,884	100,572	94,868	91,265	71,854	40,209	48,928	59,390
Harvested cropland . . . . . farms, 2002	238	435	324	404	271	152	242	128
1997	252	468	351	377	295	156	242	167
acres, 2002	49,553	39,263	59,947	49,788	45,588	38,897	49,073	25,077
1997	34,285	36,675	43,567	35,837	41,804	23,805	34,686	33,362
Part owners . . . . . farms, 2002	497	285	327	252	276	189	323	271
1997	501	304	335	327	327	231	351	294
acres, 2002	234,679	177,982	179,960	141,447	215,804	154,886	189,505	273,098
1997	236,740	207,821	184,400	177,166	200,159	164,208	186,974	246,642
Owned land in farms . . . . . acres, 2002	75,514	70,870	76,570	62,878	68,411	58,434	68,506	87,826
1997	78,121	88,378	79,865	74,211	66,302	56,675	76,181	83,525
Rented land in farms . . . . . acres, 2002	159,165	107,112	103,390	78,569	147,393	96,452	120,999	185,272
1997	158,619	119,443	104,535	102,955	133,857	107,533	110,793	163,117
Harvested cropland . . . . . farms, 2002	482	282	320	241	267	188	319	266
1997	498	290	323	309	313	229	343	281
acres, 2002	206,241	107,919	144,443	101,301	190,412	134,886	173,317	222,237
1997	206,633	116,172	142,703	118,412	173,615	130,800	167,741	192,358
Tenants . . . . . farms, 2002	165	46	105	70	103	54	98	115
1997	259	87	160	92	161	74	150	177
acres, 2002	42,396	14,951	32,233	22,070	47,311	33,678	29,881	72,136
1997	66,458	22,957	55,219	28,434	60,524	41,671	36,294	81,002
Harvested cropland . . . . . farms, 2002	156	33	93	63	98	52	89	111
1997	237	73	146	80	155	69	140	163
acres, 2002	38,347	7,811	26,665	16,966	43,661	30,143	27,406	62,307
1997	58,091	14,155	44,752	20,395	52,597	37,153	32,816	65,302
<b>2002 NUMBER OF ALL OPERATORS</b>								
Total operators . . . . . number	1,456	1,423	1,490	1,439	1,173	644	1,155	881
Farms by number of operators:								
1 operator . . . . .	696	622	679	723	573	303	554	411
2 operators . . . . .	310	332	304	285	234	140	233	182
3 operators . . . . .	28	24	42	34	32	15	32	24
4 operators . . . . .	5	7	15	5	9	4	7	7
5 or more operators . . . . .	6	5	3	4	-	-	2	1
Total women operators . . . . . number	273	343	325	342	245	142	223	181
Farms by number of women operators:								
1 operator . . . . .	259	318	291	304	231	136	205	169
2 operators . . . . .	7	11	17	16	7	3	7	6
3 operators . . . . .	-	1	-	2	-	-	-	-
4 operators . . . . .	-	-	-	-	-	-	-	-
5 or more operators . . . . .	-	-	-	-	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>								
Sex of operator:								
Male . . . . . farms, 2002	1,019	923	973	963	763	422	799	606
1997	1,171	1,004	1,014	999	915	516	838	708
acres, 2002	336,991	292,751	311,309	268,054	320,756	237,032	283,732	388,445
1997	353,085	323,156	325,692	290,355	322,786	241,810	264,614	377,005
Female . . . . . farms, 2002	26	67	70	88	85	40	29	19
1997	30	60	69	60	64	19	33	32
acres, 2002	4,543	11,582	17,270	8,728	14,287	10,222	5,527	3,985
1997	2,997	8,194	8,795	6,510	9,751	4,278	7,582	10,029
Primary occupation:								
Farming . . . . . 2002	800	570	721	629	576	313	589	500
1997	814	470	650	463	574	335	550	495
Other . . . . . 2002	245	420	322	422	272	149	239	125
1997	387	594	433	596	405	200	321	245
Place of residence <sup>1</sup> :								
On farm operated . . . . . 2002	857	758	799	835	646	369	655	459
1997	944	749	779	786	712	405	657	490
Not on farm operated . . . . . 2002	188	232	244	216	202	93	173	166
1997	178	263	234	203	225	112	162	215
Days worked off farm <sup>1</sup> :								
None . . . . . 2002	465	378	501	447	449	240	396	328
1997	522	384	461	357	451	285	387	367
Any . . . . . 2002	580	612	542	604	399	222	432	297
1997	598	637	557	635	487	224	437	344
1 to 49 days . . . . . 2002	92	68	59	53	59	28	80	56
1997	109	54	75	50	53	24	79	77
50 to 99 days . . . . . 2002	42	25	30	26	28	19	33	28
1997	37	35	39	32	15	17	30	25
100 to 199 days . . . . . 2002	85	70	59	102	43	18	43	44
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more . . . . . 2002	361	449	394	423	269	157	276	169
1997	334	452	351	465	357	154	275	165

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>FARMS</b>								
Land in farms	farms, 2002 714	583	816	993	636	873	783	1,339
	1997 739	616	844	1,011	677	902	831	1,566
	acres, 2002 252,743	242,588	229,950	362,365	257,044	339,086	326,884	531,053
	1997 227,945	252,574	229,442	367,936	248,558	321,652	338,921	529,330
Harvested cropland	farms, 2002 522	424	584	844	506	675	599	1,116
	1997 599	483	657	902	592	695	722	1,272
	acres, 2002 95,718	179,055	176,389	321,700	231,467	228,710	292,988	438,153
	1997 86,516	176,700	177,063	321,927	221,101	209,814	297,909	421,791
<b>TENURE</b>								
Full owners	farms, 2002 514	319	463	358	253	493	350	515
	1997 507	294	427	281	193	502	286	613
	acres, 2002 119,238	61,573	54,304	56,211	44,663	102,836	54,300	91,704
	1997 114,061	53,559	50,836	41,023	26,959	88,803	54,200	84,852
Harvested cropland	farms, 2002 335	169	248	306	132	306	176	321
	1997 389	176	253	193	119	313	187	359
	acres, 2002 34,448	32,604	27,145	43,582	33,448	56,796	40,474	58,326
	1997 32,347	25,177	25,723	30,806	19,998	45,677	36,585	46,232
Part owners	farms, 2002 165	181	252	480	280	300	296	623
	1997 186	210	296	503	320	300	351	662
	acres, 2002 117,598	142,159	144,410	256,030	169,530	200,908	216,666	377,115
	1997 102,519	152,713	142,137	254,524	171,370	191,839	212,143	360,689
Owned land in farms	acres, 2002 60,201	52,070	57,475	73,394	54,868	79,738	59,108	128,685
	1997 55,883	54,917	54,956	72,614	52,500	74,531	62,231	119,432
Rented land in farms	acres, 2002 57,397	90,089	86,935	182,636	114,662	121,170	157,558	248,430
	1997 46,636	97,796	87,181	181,910	118,870	117,308	149,912	241,257
Harvested cropland	farms, 2002 158	178	244	478	279	297	290	612
	1997 179	207	290	498	315	294	346	650
	acres, 2002 52,234	113,374	121,733	234,231	158,717	146,322	199,916	324,648
	1997 48,841	115,047	119,042	225,528	155,444	134,944	193,377	303,135
Tenants	farms, 2002 35	83	101	155	103	80	137	201
	1997 46	112	121	227	164	100	194	291
	acres, 2002 15,907	38,856	31,236	50,124	42,851	35,342	55,918	62,234
	1997 11,365	46,302	36,469	72,389	50,229	41,010	72,578	83,789
Harvested cropland	farms, 2002 29	77	92	150	95	72	133	183
	1997 31	100	114	211	158	88	189	263
	acres, 2002 9,036	33,077	27,511	43,887	39,302	25,592	52,598	55,179
	1997 5,328	36,476	32,298	65,593	45,659	29,193	67,947	72,424
<b>2002 NUMBER OF ALL OPERATORS</b>								
Total operators	number 1,004	798	1,184	1,338	856	1,202	1,053	1,826
Farms by number of operators:								
1 operator	478	401	526	692	448	591	558	931
2 operators	203	156	239	267	166	244	189	342
3 operators	20	21	35	26	13	33	30	55
4 operators	11	4	12	7	8	2	3	9
5 or more operators	2	1	4	1	1	3	3	2
Total women operators	number 249	157	281	244	150	247	234	319
Farms by number of women operators:								
1 operator	231	151	246	236	142	235	214	301
2 operators	6	3	13	4	4	6	10	9
3 operators	2	-	3	-	-	-	-	-
4 operators	-	-	-	-	-	-	-	-
5 or more operators	-	-	-	-	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>								
Sex of operator:								
Male	farms, 2002 635	551	741	959	595	806	693	1,288
	1997 678	577	778	990	661	846	785	1,500
	acres, 2002 238,806	239,374	221,796	355,396	253,589	330,582	315,827	518,752
	1997 212,604	246,284	220,763	365,346	245,705	313,824	327,209	518,999
Female	farms, 2002 79	32	75	34	41	67	90	51
	1997 61	39	66	21	16	56	46	66
	acres, 2002 13,937	3,214	8,154	6,969	3,455	8,504	11,057	12,301
	1997 15,341	6,290	8,679	2,590	2,853	7,828	11,712	10,331
Primary occupation:								
Farming	2002 437	382	526	770	512	551	627	1,028
	1997 364	413	451	737	476	506	576	1,039
Other	2002 277	201	290	223	124	322	156	311
	1997 375	203	393	279	201	396	255	527
Place of residence <sup>1</sup> :								
On farm operated	2002 518	390	671	767	495	624	497	1,020
	1997 520	429	652	751	495	625	563	1,175
Not on farm operated	2002 196	193	145	226	141	249	286	319
	1997 167	161	152	209	138	227	222	303
Days worked off farm <sup>1</sup> :								
None	2002 315	275	370	461	308	400	433	600
	1997 279	284	352	481	329	375	405	749
Any	2002 399	308	446	532	328	473	350	739
	1997 423	289	453	488	322	482	380	731
1 to 49 days	2002 30	40	45	100	88	58	49	91
	1997 43	54	50	104	66	77	74	114
50 to 99 days	2002 27	27	23	46	25	25	33	50
	1997 21	24	22	41	33	20	35	44
100 to 199 days	2002 40	18	56	73	48	72	60	120
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002 302	223	322	313	167	318	208	478
	1997 284	167	313	249	178	322	201	447

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>FARMS</b>								
Land in farms	farms, 2002 730	764	1,255	925	758	791	750	868
	1997 810	886	1,416	1,005	728	847	845	963
	acres, 2002 354,398	227,069	540,288	344,840	299,426	339,426	228,692	348,104
	1997 370,293	239,580	561,611	348,151	275,118	354,694	231,376	351,506
Harvested cropland	farms, 2002 634	579	994	639	489	669	626	725
	1997 766	689	1,183	730	524	735	728	836
	acres, 2002 325,178	190,229	442,923	248,601	119,277	303,104	201,417	298,959
	1997 343,376	194,344	456,975	237,907	117,574	306,680	199,152	294,825
<b>TENURE</b>								
Full owners	farms, 2002 245	502	630	527	532	334	331	351
	1997 190	553	606	512	471	280	343	355
	acres, 2002 41,215	63,483	114,715	101,474	147,583	75,771	42,288	65,112
	1997 33,950	55,267	81,931	83,422	101,279	44,689	40,843	58,230
Harvested cropland	farms, 2002 158	327	394	262	283	224	230	222
	1997 148	370	414	256	290	201	246	249
	acres, 2002 34,237	40,062	70,772	56,098	44,243	63,488	31,199	48,947
	1997 27,511	30,953	53,374	34,269	30,526	34,549	27,764	43,123
Part owners	farms, 2002 364	213	436	297	192	339	301	380
	1997 413	233	502	342	212	366	328	407
	acres, 2002 250,329	144,011	338,652	209,447	135,799	219,121	153,155	234,921
	1997 262,620	149,617	333,955	210,627	160,098	239,644	148,881	230,902
Owned land in farms	acres, 2002 62,777	41,879	108,041	80,594	63,059	61,903	57,735	82,962
	1997 65,162	37,178	105,300	88,355	75,375	72,177	58,883	87,131
Rented land in farms	acres, 2002 187,552	102,132	230,611	128,853	72,740	157,218	95,420	151,959
	1997 197,458	112,439	228,655	122,272	84,723	167,467	89,998	143,771
Harvested cropland	farms, 2002 360	210	423	292	181	334	289	376
	1997 412	227	486	333	199	353	319	400
	acres, 2002 231,463	132,434	293,623	167,874	68,055	198,774	139,267	207,567
	1997 245,350	133,873	279,165	159,277	79,758	207,898	134,240	198,077
Tenants	farms, 2002 121	49	189	101	34	118	118	137
	1997 207	100	308	151	45	201	174	201
	acres, 2002 62,854	19,575	86,921	33,919	16,044	44,534	33,249	48,071
	1997 73,723	34,696	145,725	54,102	13,741	70,361	41,652	62,374
Harvested cropland	farms, 2002 116	42	177	85	25	111	107	127
	1997 206	92	283	141	35	181	163	187
	acres, 2002 59,478	17,733	78,528	24,629	6,979	40,842	30,951	42,445
	1997 70,515	29,518	124,436	44,361	7,290	64,233	37,148	53,625
<b>2002 NUMBER OF ALL OPERATORS</b>								
Total operators	number 1,007	1,130	1,795	1,277	1,072	1,117	1,078	1,174
Farms by number of operators:								
1 operator	500	479	808	643	491	521	476	606
2 operators	195	232	377	240	236	227	233	224
3 operators	27	32	53	29	22	33	31	34
4 operators	5	15	13	7	3	8	8	2
5 or more operators	3	6	4	6	6	2	2	2
Total women operators	number 188	293	386	290	307	221	223	213
Farms by number of women operators:								
1 operator	175	247	353	255	281	199	210	197
2 operators	5	17	15	10	8	11	2	8
3 operators	1	4	1	1	2	-	3	-
4 operators	-	-	-	-	1	-	-	-
5 or more operators	-	-	-	2	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>								
Sex of operator:								
Male	farms, 2002 707	689	1,184	836	658	755	715	845
	1997 787	817	1,350	919	648	823	797	949
	acres, 2002 347,393	221,636	527,942	334,948	284,862	335,456	225,884	340,493
	1997 364,452	229,760	552,892	336,308	262,450	352,163	226,430	350,262
Female	farms, 2002 23	75	71	89	100	36	35	23
	1997 23	69	66	86	80	24	48	14
	acres, 2002 7,005	5,433	12,346	9,892	14,564	3,970	2,808	7,611
	1997 5,841	9,820	8,719	11,843	12,668	2,531	4,946	1,244
Primary occupation:								
Farming	2002 592	427	930	641	463	597	517	668
	1997 621	391	933	528	582	582	517	709
Other	2002 138	337	325	284	295	194	233	200
	1997 189	495	483	477	311	265	343	254
Place of residence <sup>1</sup> :								
On farm operated	2002 535	566	982	661	531	591	616	683
	1997 594	616	1,018	676	501	580	635	743
Not on farm operated	2002 195	198	273	264	227	200	134	185
	1997 185	222	317	261	200	222	169	183
Days worked off farm <sup>1</sup> :								
None	2002 362	359	642	428	334	357	329	430
	1997 421	313	710	404	325	411	353	487
Any	2002 368	405	613	497	424	434	421	438
	1997 356	534	638	546	366	380	455	421
1 to 49 days	2002 75	48	82	72	43	66	53	63
	1997 74	56	83	66	50	64	52	104
50 to 99 days	2002 53	15	57	20	28	35	22	53
	1997 51	17	55	34	24	33	34	40
100 to 199 days	2002 52	41	76	46	35	68	55	60
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002 188	301	398	359	318	265	291	262
	1997 156	391	397	368	230	220	310	213

See footnote(s) at end of table.

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Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>FARMS</b>									
Land in farms	farms, 2002	1,673	977	1,159	794	698	870	845	1,338
	1997	1,819	1,004	1,227	807	726	875	863	1,329
	acres, 2002	505,175	359,604	417,917	308,340	238,034	253,255	206,138	299,216
	1997	503,966	353,532	415,288	304,710	236,211	269,100	218,196	315,263
Harvested cropland	farms, 2002	1,350	771	889	521	466	608	583	910
	1997	1,470	874	971	575	531	649	641	1,007
	acres, 2002	447,482	310,483	331,855	159,970	116,889	121,039	117,295	160,435
	1997	438,203	315,848	311,558	150,122	111,685	116,218	121,717	172,957
<b>TENURE</b>									
Full owners	farms, 2002	730	549	578	529	465	639	594	982
	1997	701	454	567	515	476	591	579	908
	acres, 2002	103,430	98,622	100,353	126,951	89,306	118,300	84,676	116,655
	1997	78,139	61,695	96,997	130,509	88,518	117,493	79,796	111,932
Harvested cropland	farms, 2002	429	363	332	277	249	391	347	583
	1997	396	341	356	306	300	384	367	610
	acres, 2002	77,021	76,527	57,408	42,423	33,161	38,123	31,865	39,492
	1997	53,034	48,594	49,906	46,362	30,642	30,147	24,001	41,110
Part owners	farms, 2002	690	312	434	225	186	192	223	294
	1997	790	360	468	232	190	234	240	319
	acres, 2002	334,303	218,421	274,777	169,290	135,547	122,316	114,008	168,256
	1997	344,471	227,850	264,996	161,143	128,548	138,051	122,889	173,461
Owned land in farms	acres, 2002	106,480	71,140	103,294	71,163	59,217	63,893	50,390	69,091
	1997	111,162	66,826	100,916	62,832	53,760	71,426	56,472	75,432
Rented land in farms	acres, 2002	227,823	147,281	171,483	98,127	76,330	58,423	63,618	99,165
	1997	233,309	161,024	164,080	98,311	74,788	66,625	66,417	98,029
Harvested cropland	farms, 2002	677	298	422	208	179	185	209	268
	1997	770	353	446	222	181	227	231	308
	acres, 2002	307,726	193,537	235,960	108,920	75,141	74,325	79,427	111,196
	1997	310,323	208,461	215,143	95,286	68,792	77,324	86,947	110,259
Tenants	farms, 2002	253	116	147	40	47	39	28	62
	1997	328	190	192	60	60	50	44	102
	acres, 2002	67,442	42,561	42,787	12,099	13,181	12,639	7,454	14,305
	1997	81,356	63,987	53,295	13,058	19,145	13,556	15,511	29,870
Harvested cropland	farms, 2002	244	110	135	36	38	32	27	59
	1997	304	180	169	47	50	38	43	89
	acres, 2002	62,735	40,419	38,487	8,627	8,587	8,591	6,003	9,747
	1997	74,846	58,793	46,509	8,474	12,251	8,747	10,769	21,588
<b>2002 NUMBER OF ALL OPERATORS</b>									
Total operators	number	2,343	1,404	1,589	1,127	971	1,181	1,177	1,903
Farms by number of operators:									
1 operator		1,140	659	819	514	472	598	556	841
2 operators		442	255	289	241	196	240	258	447
3 operators		60	44	32	29	19	26	21	36
4 operators		25	12	9	7	10	5	8	11
5 or more operators		6	7	10	3	1	1	2	3
Total women operators	number	414	264	332	320	238	281	325	491
Farms by number of women operators:									
1 operator		381	242	297	283	218	264	303	470
2 operators		9	7	10	17	10	4	11	9
3 operators		5	1	3	1	-	3	-	1
4 operators		-	-	-	-	-	-	-	-
5 or more operators		-	1	1	-	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>									
Sex of operator:									
Male	farms, 2002	1,628	918	1,060	691	634	796	755	1,212
	1997	1,782	953	1,161	753	683	833	798	1,246
	acres, 2002	493,049	353,977	406,731	290,604	227,131	244,483	190,564	282,867
	1997	495,703	347,390	405,440	292,790	226,905	261,096	209,095	307,328
Female	farms, 2002	45	59	99	103	64	74	90	126
	1997	37	51	66	54	43	42	65	83
	acres, 2002	12,126	5,627	11,186	17,736	10,903	8,772	15,574	16,349
	1997	8,263	6,142	9,848	11,920	9,306	8,004	9,101	7,935
Primary occupation:									
Farming	2002	1,295	627	789	490	439	495	492	719
	1997	1,197	557	720	426	355	404	394	565
Other	2002	378	350	370	304	259	375	353	619
	1997	622	447	507	381	371	471	469	764
Place of residence <sup>1</sup> :									
On farm operated	2002	1,372	661	852	552	551	653	679	1,086
	1997	1,420	667	898	519	534	596	687	1,018
Not on farm operated	2002	301	316	307	242	147	217	166	252
	1997	289	299	262	251	157	233	126	246
Days worked off farm <sup>1</sup> :									
None	2002	708	443	542	361	303	366	292	569
	1997	812	428	528	292	273	284	312	445
Any	2002	965	534	617	433	395	504	553	769
	1997	907	542	638	469	424	554	493	826
1 to 49 days	2002	150	63	73	52	58	52	36	54
	1997	151	79	85	45	38	63	42	60
50 to 99 days	2002	63	21	37	25	21	28	26	32
	1997	64	29	31	35	25	10	29	29
100 to 199 days	2002	131	53	59	53	71	55	70	100
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002	621	397	448	303	245	369	421	583
	1997	569	367	427	322	289	392	346	618

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>FARMS</b>									
Land in farms	farms, 2002	1,200	788	932	631	1,501	1,148	588	752
	1997	1,114	783	988	654	1,561	1,418	649	759
	acres, 2002	334,564	304,983	417,019	240,310	380,034	442,152	224,206	345,490
	1997	319,575	298,435	429,724	252,348	373,930	526,671	236,904	366,111
Harvested cropland	farms, 2002	815	521	759	435	1,021	799	442	581
	1997	871	598	886	533	1,155	1,059	516	670
	acres, 2002	236,858	144,768	371,464	212,573	251,757	332,515	197,858	316,591
	1997	234,010	132,145	388,886	223,225	234,505	380,228	204,000	333,094
<b>TENURE</b>									
Full owners	farms, 2002	722	556	426	318	903	639	290	345
	1997	592	498	347	272	901	739	275	245
	acres, 2002	119,520	138,252	85,710	44,885	132,763	126,357	43,308	55,493
	1997	89,094	134,029	58,757	36,772	135,297	131,667	40,421	47,629
Harvested cropland	farms, 2002	363	315	270	131	452	324	152	180
	1997	374	331	261	157	524	428	151	169
	acres, 2002	62,393	41,520	65,729	29,714	61,277	64,264	28,887	44,343
	1997	45,773	45,253	47,187	22,255	59,987	63,165	23,716	37,729
Part owners	farms, 2002	374	187	330	219	463	363	237	278
	1997	362	228	409	254	438	279	279	315
	acres, 2002	180,770	141,699	241,045	159,586	220,804	252,285	157,166	221,596
	1997	184,805	142,015	259,303	170,223	179,117	307,200	163,637	229,947
Owned land in farms	acres, 2002	74,170	65,760	64,162	43,879	110,129	88,025	52,909	59,020
	1997	80,777	73,911	67,438	54,020	94,875	108,008	60,281	66,053
Rented land in farms	acres, 2002	106,600	75,939	176,883	115,707	110,675	164,260	104,257	162,576
	1997	104,028	68,104	191,865	116,203	84,242	199,192	103,356	163,894
Harvested cropland	farms, 2002	358	166	324	211	448	346	230	273
	1997	357	221	401	252	425	406	276	313
	acres, 2002	144,971	85,899	221,082	149,475	168,345	212,387	145,880	206,796
	1997	150,976	74,605	238,455	157,498	126,995	241,907	149,411	212,950
Tenants	farms, 2002	104	45	176	94	135	146	61	129
	1997	160	57	232	128	222	251	95	199
	acres, 2002	34,274	25,032	90,264	35,839	26,467	63,510	23,732	68,401
	1997	45,676	22,391	111,664	45,353	59,516	87,804	32,846	88,535
Harvested cropland	farms, 2002	94	40	165	93	121	60	128	128
	1997	140	46	224	124	206	225	89	188
	acres, 2002	29,494	17,349	84,653	33,384	22,135	55,864	23,091	65,452
	1997	37,261	12,287	103,244	43,472	47,523	75,156	30,873	82,415
<b>2002 NUMBER OF ALL OPERATORS</b>									
Total operators	number	1,670	1,111	1,337	839	2,060	1,600	796	989
Farms by number of operators:									
1 operator		825	521	593	458	1,042	783	418	554
2 operators		302	228	295	148	399	307	142	171
3 operators		58	29	32	17	40	41	20	16
4 operators		11	6	5	7	11	10	7	10
5 or more operators		4	4	7	1	9	7	1	1
Total women operators	number	366	307	205	171	420	403	149	192
Farms by number of women operators:									
1 operator		325	287	191	147	379	359	133	174
2 operators		14	8	4	9	9	19	5	9
3 operators		1	-	2	2	5	2	2	-
4 operators		1	1	-	-	2	-	-	-
5 or more operators		1	-	-	-	-	-	-	-
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>									
Sex of operator:									
Male	farms, 2002	1,089	696	899	593	1,402	1,038	561	702
	1997	1,065	713	955	623	1,479	1,334	617	736
	acres, 2002	319,355	281,228	412,225	230,848	365,898	426,534	221,078	338,410
	1997	307,632	284,594	422,643	247,309	362,762	512,067	232,045	361,700
Female	farms, 2002	111	92	33	38	99	110	27	50
	1997	49	70	33	31	82	84	32	23
	acres, 2002	15,209	23,755	4,794	9,462	14,136	15,618	3,128	7,080
	1997	11,943	13,841	7,081	5,039	11,168	14,604	4,859	4,411
Primary occupation:									
Farming	2002	829	470	702	381	993	727	445	548
	1997	708	428	696	414	902	826	410	533
Other	2002	371	318	230	250	508	421	143	204
	1997	406	355	292	240	659	592	239	226
Place of residence <sup>1</sup> :									
On farm operated	2002	948	523	695	446	1,195	868	473	564
	1997	819	546	711	479	1,176	980	493	521
Not on farm operated	2002	252	265	237	185	306	280	115	188
	1997	225	203	235	133	283	330	128	205
Days worked off farm <sup>1</sup> :									
None	2002	559	377	449	236	710	513	252	334
	1997	504	311	469	307	698	634	296	341
Any	2002	641	411	483	395	791	635	336	418
	1997	547	421	466	318	777	698	328	369
1 to 49 days	2002	103	46	84	37	99	83	49	65
	1997	88	49	97	56	97	77	77	78
50 to 99 days	2002	37	15	34	35	41	38	19	45
	1997	34	16	40	27	38	55	17	30
100 to 199 days	2002	69	49	64	46	91	53	48	57
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 days or more	2002	432	301	301	277	560	461	220	251
	1997	358	282	253	193	517	459	177	187

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton	
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>									
Years on present farm <sup>1</sup> :									
2 years or less	2002	2,314	15	21	20	23	12	20	
	1997	3,858	26	22	34	30	18	43	
3 or 4 years	2002	4,493	41	27	62	39	23	47	
	1997	4,736	41	15	57	42	29	66	
5 to 9 years	2002	12,038	108	56	167	146	82	165	
	1997	11,429	78	57	126	126	86	134	
10 years or more	2002	71,810	679	463	834	608	521	954	
	1997	63,706	560	437	660	543	475	861	
Average years on present farm	2002	23.9	25.8	25.1	24.4	22.0	26.2	24.5	
	1997	22.0	24.2	24.8	22.3	21.9	22.3	21.8	
Age group:									
Under 25 years	2002	869	10	11	3	10	4	13	
	1997	1,581	14	5	8	2	8	30	
25 to 34 years	2002	5,282	51	31	57	43	31	58	
	1997	8,246	67	34	74	62	74	108	
35 to 44 years	2002	17,331	131	105	200	128	126	217	
	1997	22,239	164	105	251	154	185	309	
45 to 54 years	2002	24,555	200	123	292	195	145	362	
	1997	23,261	201	132	264	189	147	352	
55 to 59 years	2002	10,582	114	65	115	101	98	162	
	1997	10,273	77	67	117	93	67	139	
60 to 64 years	2002	9,645	82	58	130	115	86	130	
	1997	9,774	92	63	97	76	77	130	
65 to 69 years	2002	8,075	86	57	104	68	41	84	
	1997	8,158	80	67	85	91	47	83	
70 years and over	2002	14,316	169	117	182	156	107	160	
	1997	13,173	142	135	129	195	81	135	
Average age	2002	54.3	55.9	55.7	55.3	56.1	55.1	53.6	
	1997	52.3	53.8	56.7	52.2	56.0	51.0	50.8	
<b>TYPE OF ORGANIZATION</b>									
Family or individual	farms, 2002	78,699	742	493	967	750	577	1,049	
		1997	81,074	684	514	885	738	601	1,087
	acres, 2002	24,657,577	296,646	200,080	275,888	206,009	222,370	312,686	
		1997	24,407,517	270,251	192,550	253,320	201,402	230,162	334,119
Partnership	farms, 2002	5,792	56	40	90	44	41	55	
		1997	8,688	98	71	123	100	63	93
	acres, 2002	3,011,172	41,084	23,942	42,042	18,554	25,978	24,937	
		1997	3,488,103	42,221	40,749	46,644	38,784	44,724	38,796
Corporation: Family-held	farms, 2002	4,900	37	17	9	9	12	73	
		1997	5,913	44	13	14	10	15	97
	acres, 2002	3,742,023	33,463	9,768	5,236	4,857	12,694	58,290	
		1997	4,128,387	34,296	7,099	7,857	10,971	6,876	60,319
Other than family held	farms, 2002	379	-	-	5	4	5	1	
		1997	426	3	2	2	2	-	
	acres, 2002	120,225	-	-	2,120	(D)	113	(D)	
		1997	131,788	(D)	(D)	(D)	(D)	(D)	
Other - cooperative, estate or trust, institutional, etc.	farms, 2002	885	8	17	12	9	3	8	
		1997	604	8	8	1	2	9	
	acres, 2002	198,493	2,023	4,034	836	(D)	55	(D)	
		1997	157,324	(D)	(D)	(D)	(D)	1,803	

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>							
Years on present farm <sup>1</sup> :							
2 years or less	2002 20	14	13	30	37	25	18
	1997 45	14	41	65	28	46	32
3 or 4 years	2002 33	29	35	57	27	59	39
	1997 51	49	53	66	37	47	47
5 to 9 years	2002 97	92	134	175	129	130	81
	1997 103	107	140	152	96	144	69
10 years or more	2002 789	692	774	805	632	862	624
	1997 718	645	689	742	635	770	590
Average years on present farm	2002 25.0	24.4	22.3	21.9	23.8	24.8	23.6
	1997 21.6	23.3	20.5	20.2	22.9	22.0	21.9
Age group:							
Under 25 years	2002 6	16	12	7	2	14	16
	1997 9	15	24	35	20	22	19
25 to 34 years	2002 24	41	84	108	52	72	55
	1997 99	54	126	152	64	97	66
35 to 44 years	2002 170	132	159	235	217	193	124
	1997 244	213	237	295	236	250	193
45 to 54 years	2002 243	261	299	294	220	279	272
	1997 261	247	289	272	215	304	222
55 to 59 years	2002 134	85	132	109	75	131	77
	1997 123	93	113	115	79	126	90
60 to 64 years	2002 131	69	100	99	73	143	82
	1997 118	73	92	127	84	117	121
65 to 69 years	2002 97	71	63	118	66	80	70
	1997 76	101	75	84	100	102	46
70 years and over	2002 134	152	107	97	120	164	66
	1997 131	124	88	123	106	140	72
Average age	2002 55.6	54.7	52.4	51.5	52.5	54.1	52.0
	1997 51.8	52.7	49.7	49.7	51.6	51.9	50.8
<b>TYPE OF ORGANIZATION</b>							
Family or individual	farms, 2002 771	646	872	933	713	939	685
	1997 885	684	939	1,041	742	1,024	732
acres, 2002	197,275	183,043	216,988	274,838	269,307	267,602	(D)
	1997 210,396	193,991	206,181	280,171	289,081	270,520	291,787
Partnership	farms, 2002 64	51	40	65	49	90	31
	1997 81	82	48	100	86	79	56
acres, 2002	21,990	19,165	13,893	30,388	35,506	22,776	19,641
	1997 19,502	28,124	11,379	32,476	37,022	27,881	28,851
Corporation:							
Family-held	farms, 2002 78	102	40	53	50	39	40
	1997 84	141	51	48	59	49	40
acres, 2002	53,420	99,694	22,867	32,818	35,129	35,557	31,676
	1997 59,700	116,705	24,633	33,113	38,020	35,081	(D)
Other than family held	farms, 2002 19	5	1	4	5	1	4
	1997 4	8	2	8	7	1	-
acres, 2002	644	3,928	(D)	(D)	257	(D)	(D)
	1997 (D)	(D)	(D)	(D)	359	(D)	-
Other - cooperative, estate or trust, institutional, etc.	farms, 2002 7	23	3	12	8	7	2
	1997 7	5	4	6	10	5	1
acres, 2002	1,685	6,878	(D)	(D)	1,478	(D)	(D)
	1997 (D)	(D)	(D)	(D)	1,743	(D)	(D)

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>							
Years on present farm <sup>1</sup> :							
2 years or less	2002 17	17	14	19	13	49	27
	1997 48	32	50	18	36	53	51
3 or 4 years	2002 45	41	53	31	27	38	41
	1997 52	20	43	34	37	51	38
5 to 9 years	2002 108	101	97	112	98	138	129
	1997 134	106	121	98	111	100	97
10 years or more	2002 875	605	807	633	699	726	529
	1997 770	574	675	577	640	633	455
Average years on present farm	2002 24.8	25.1	24.6	24.7	24.1	22.8	23.0
	1997 21.3	23.1	22.2	22.0	21.4	21.4	21.5
Age group:							
Under 25 years	2002 16	11	5	6	9	2	1
	1997 28	19	22	16	15	16	7
25 to 34 years	2002 68	44	43	43	57	73	44
	1997 143	73	67	73	82	108	47
35 to 44 years	2002 233	116	161	162	188	232	108
	1997 288	201	233	196	256	260	139
45 to 54 years	2002 290	209	301	258	242	254	179
	1997 300	197	296	236	233	209	178
55 to 59 years	2002 132	78	159	77	84	96	88
	1997 109	82	114	88	70	100	82
60 to 64 years	2002 96	79	104	64	72	86	77
	1997 86	98	105	81	83	91	84
65 to 69 years	2002 63	104	77	51	46	71	63
	1997 88	66	70	83	80	83	59
70 years and over	2002 147	123	121	134	139	137	166
	1997 109	116	116	107	111	112	141
Average age	2002 52.2	55.4	54.4	53.6	52.9	52.7	57.0
	1997 49.6	52.1	51.6	51.9	50.7	50.7	54.9
<b>TYPE OF ORGANIZATION</b>							
Family or individual	farms, 2002 930	684	805	704	720	861	671
	1997 980	721	831	721	773	851	662
	acres, 2002 305,424	279,953	243,788	263,877	269,903	227,842	188,396
	1997 296,410	273,114	249,809	236,614	259,988	225,004	191,971
Partnership	farms, 2002 66	40	60	22	62	48	35
	1997 102	75	95	58	81	87	56
	acres, 2002 28,102	29,116	42,903	20,608	35,923	20,181	14,988
	1997 35,447	32,994	34,131	29,411	40,319	25,296	26,583
Corporation:							
Family-held	farms, 2002 40	32	70	57	49	32	13
	1997 60	43	76	82	68	35	11
	acres, 2002 30,433	25,790	47,984	35,419	28,920	21,340	10,784
	1997 28,657	34,445	48,997	42,690	39,524	29,941	12,485
Other than family held	farms, 2002 2	1	1	2	3	4	1
	1997 5	6	6	9	5	3	1
	acres, 2002 (D)	(D)	(D)	(D)	184	481	(D)
	1997 753	(D)	1,483	1,449	(D)	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.	farms, 2002 7	7	35	10	3	6	6
	1997 4	7	15	10	3	3	7
	acres, 2002 (D)	(D)	(D)	(D)	480	1,254	(D)
	1997 401	(D)	2,657	2,976	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>							
Years on present farm <sup>1</sup> :							
2 years or less	2002 9	39	34	24	27	24	27
	1997 21	90	55	54	41	71	45
3 or 4 years	2002 20	116	48	22	40	68	54
	1997 31	76	57	61	65	64	55
5 to 9 years	2002 72	213	170	93	131	185	136
	1997 53	187	196	135	139	129	106
10 years or more	2002 590	1,233	967	788	740	730	571
	1997 511	1,145	890	742	642	568	482
Average years on present farm	2002 26.9	23.1	24.0	24.4	22.7	21.9	22.5
	1997 23.2	21.8	20.9	21.8	20.7	20.7	21.2
Age group:							
Under 25 years	2002 4	18	13	10	10	13	1
	1997 12	24	19	22	8	28	11
25 to 34 years	2002 31	105	70	53	16	91	39
	1997 45	151	144	124	50	129	48
35 to 44 years	2002 89	327	289	226	164	181	110
	1997 175	413	343	287	205	176	145
45 to 54 years	2002 193	445	302	251	270	247	223
	1997 189	430	319	277	283	203	183
55 to 59 years	2002 96	180	127	90	110	104	91
	1997 78	189	159	115	98	85	84
60 to 64 years	2002 62	166	129	98	103	102	86
	1997 62	177	133	114	106	93	95
65 to 69 years	2002 62	128	106	100	99	107	75
	1997 54	151	104	68	102	95	89
70 years and over	2002 154	232	183	99	166	162	163
	1997 90	203	134	162	150	155	148
Average age	2002 56.7	53.2	53.5	52.8	56.1	53.7	56.8
	1997 52.2	51.7	50.7	51.2	54.0	52.1	55.6
<b>TYPE OF ORGANIZATION</b>							
Family or individual	farms, 2002 558	1,391	1,096	805	806	925	711
	1997 564	1,445	1,154	1,020	841	854	701
acres, 2002	211,192	349,879	305,959	345,545	229,976	224,860	241,345
	1997 204,821	354,928	302,148	367,140	238,300	212,570	228,323
Partnership	farms, 2002 35	134	57	84	55	53	50
	1997 43	225	111	103	78	77	75
acres, 2002	29,766	54,141	35,006	68,609	33,083	25,309	13,163
	1997 18,967	70,192	34,128	43,996	43,343	30,246	24,643
Corporation:							
Family-held	farms, 2002 83	40	59	32	58	25	22
	1997 89	60	76	33	72	29	21
acres, 2002	70,021	22,267	45,681	30,817	43,163	39,684	20,886
	1997 68,612	36,850	43,442	30,866	52,725	35,095	12,802
Other than family held	farms, 2002 3	20	1	-	9	1	-
	1997 4	2	8	7	4	1	1
acres, 2002	(D)	1,646	(D)	-	1,647	(D)	-
	1997 1,090	(D)	478	(D)	1,724	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.	farms, 2002 12	16	6	6	10	3	5
	1997 5	6	6	6	7	3	5
acres, 2002	(D)	4,791	(D)	942	1,288	(D)	2,534
	1997 1,039	(D)	1,470	(D)	1,332	(D)	(D)

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>								
Years on present farm <sup>1</sup> :								
2 years or less	2002 34	16	8	33	11	33	51	15
	1997 67	20	22	70	27	55	44	35
3 or 4 years	2002 49	22	14	81	11	51	45	43
	1997 66	35	21	73	15	57	48	42
5 to 9 years	2002 138	87	49	189	85	169	106	76
	1997 189	91	55	239	66	169	125	109
10 years or more	2002 1,032	549	421	1,178	403	1,091	693	691
	1997 854	460	374	1,030	401	920	566	597
Average years on present farm	2002 23.1	24.3	25.4	23.1	23.8	24.3	23.0	25.4
	1997 20.3	22.8	22.1	21.1	22.4	21.9	21.2	22.0
Age group:								
Under 25 years	2002 8	6	8	9	3	10	3	11
	1997 26	11	14	25	9	15	14	20
25 to 34 years	2002 97	38	25	83	45	78	53	49
	1997 155	49	47	200	43	133	106	67
35 to 44 years	2002 345	102	94	337	95	298	196	119
	1997 372	133	130	380	127	354	203	209
45 to 54 years	2002 359	179	156	394	142	373	217	239
	1997 301	163	135	404	151	332	223	215
55 to 59 years	2002 117	74	39	191	69	135	106	92
	1997 136	79	43	210	58	163	106	93
60 to 64 years	2002 117	87	44	165	47	150	102	97
	1997 147	73	53	169	69	132	77	98
65 to 69 years	2002 90	77	48	131	58	153	79	69
	1997 76	50	52	115	32	94	61	73
70 years and over	2002 120	111	78	171	51	147	139	149
	1997 105	139	77	166	67	146	118	121
Average age	2002 50.9	55.7	54.2	53.3	52.7	53.4	54.3	55.2
	1997 49.2	54.4	51.8	50.6	51.7	50.8	51.1	52.3
<b>TYPE OF ORGANIZATION</b>								
Family or individual	farms, 2002 1,115	569	423	1,278	439	1,188	772	721
	1997 1,132	526	469	1,372	473	1,146	767	769
acres, 2002 280,471	131,940	163,972	247,452	196,013	324,999	221,751	280,166	280,166
1997 257,424	125,926	169,110	260,188	188,283	320,028	221,731	288,074	288,074
Partnership	farms, 2002 74	31	32	145	33	93	48	40
	1997 127	71	37	238	49	138	59	53
acres, 2002 32,916	16,273	17,419	48,700	18,751	48,529	27,438	18,142	18,142
1997 37,844	26,016	17,830	62,370	20,148	39,563	26,760	24,259	24,259
Corporation:								
Family-held	farms, 2002 52	61	30	42	31	52	48	59
	1997 49	86	41	38	29	71	69	65
acres, 2002 30,930	31,464	19,855	14,533	20,028	40,442	37,590	38,648	38,648
1997 32,105	44,834	22,784	13,906	20,587	53,488	57,435	41,277	41,277
Other than family held	farms, 2002 3	4	-	11	2	2	5	4
	1997 4	3	-	9	1	9	7	4
acres, 2002 156	520	-	4,319	(D)	(D)	(D)	(D)	(D)
1997 370	594	-	5,382	(D)	1,533	(D)	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.	farms, 2002 9	9	7	5	5	9	22	1
	1997 6	11	4	12	4	5	6	5
acres, 2002 765	1,000	1,928	891	(D)	(D)	(D)	(D)	(D)
1997 999	2,408	456	2,537	(D)	1,492	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>								
Years on present farm <sup>1</sup> :								
2 years or less	2002 15	15	14	30	14	8	16	22
	1997 19	17	22	52	32	34	38	22
3 or 4 years	2002 27	33	30	37	36	30	60	63
	1997 29	39	43	39	46	37	44	45
5 to 9 years	2002 54	102	77	121	97	105	110	111
	1997 74	83	91	89	89	99	104	105
10 years or more	2002 451	577	603	697	650	684	643	632
	1997 419	544	569	596	570	593	614	618
Average years on present farm	2002 26.3	23.6	24.1	24.4	25.7	26.9	23.4	23.2
	1997 23.2	22.9	21.9	22.5	22.3	21.9	21.4	22.8
Age group:								
Under 25 years	2002 5	7	4	14	5	5	13	7
	1997 8	16	19	16	10	19	12	17
25 to 34 years	2002 15	52	39	44	37	51	77	51
	1997 27	66	83	55	57	88	72	68
35 to 44 years	2002 63	119	146	150	144	165	127	139
	1997 125	175	191	194	226	234	225	225
45 to 54 years	2002 144	217	208	234	217	217	247	256
	1997 138	192	196	204	206	206	206	232
55 to 59 years	2002 70	71	89	118	92	78	97	99
	1997 64	87	103	79	81	99	103	79
60 to 64 years	2002 78	101	92	66	79	92	90	88
	1997 54	79	73	103	74	96	88	101
65 to 69 years	2002 53	43	55	63	80	62	67	73
	1997 72	70	65	89	84	71	76	74
70 years and over	2002 119	117	91	196	143	157	111	115
	1997 119	117	61	170	94	82	120	142
Average age	2002 57.7	54.4	53.6	55.5	55.1	54.4	52.9	54.1
	1997 55.3	52.5	50.3	54.3	51.9	50.3	52.0	52.6
<b>TYPE OF ORGANIZATION</b>								
Family or individual	farms, 2002 440	607	603	799	666	715	713	722
	1997 454	630	629	793	680	757	739	783
	acres, 2002 (D)	258,699	(D)	261,051	(D)	258,618	241,320	315,780
	1997 199,036	251,309	211,635	260,306	246,522	267,778	250,014	302,051
Partnership	farms, 2002 45	49	50	53	66	50	54	61
	1997 75	82	74	78	70	70	70	94
	acres, 2002 38,782	20,639	24,011	34,416	50,837	25,231	43,034	67,145
	1997 56,363	36,633	(D)	29,827	49,335	30,628	39,127	54,641
Corporation:								
Family-held	farms, 2002 61	65	66	22	52	57	54	37
	1997 68	83	85	31	72	62	83	51
	acres, 2002 65,917	63,879	78,107	24,318	54,509	38,215	41,307	39,622
	1997 74,954	64,928	90,032	22,675	58,491	48,862	59,452	47,500
Other than family held	farms, 2002 1	2	5	1	9	1	5	1
	1997 2	3	3	3	3	3	2	1
	acres, 2002 (D)	(D)	(D)	(D)	809	(D)	1,272	(D)
	1997 (D)	(D)	(D)	(D)	1,125	(D)	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.	farms, 2002 -	4	-	10	4	4	3	7
	1997 8	5	-	5	7	3	8	9
	acres, 2002 -	(D)	-	(D)	(D)	(D)	792	(D)
	1997 (D)	(D)	-	(D)	4,504	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>									
Years on present farm <sup>1</sup> :									
2 years or less	2002	26	35	17	42	19	23	41	14
	1997	37	45	16	22	35	48	40	35
3 or 4 years	2002	48	48	20	38	45	86	70	46
	1997	53	52	20	43	45	78	60	37
5 to 9 years	2002	135	102	71	86	136	178	181	130
	1997	100	101	70	58	118	168	137	105
10 years or more	2002	648	706	498	452	824	1,049	920	618
	1997	593	603	433	449	681	863	858	533
Average years on present farm	2002	23.5	23.3	24.1	22.3	25.0	23.2	23.5	24.2
	1997	22.7	21.8	23.5	21.8	23.1	21.6	23.8	22.6
Age group:									
Under 25 years	2002	5	11	9	24	7	7	14	6
	1997	5	10	11	21	14	12	26	12
25 to 34 years	2002	34	64	40	43	48	58	68	43
	1997	53	104	45	60	86	129	83	55
35 to 44 years	2002	154	181	89	151	226	303	239	133
	1997	196	229	163	159	249	301	235	177
45 to 54 years	2002	243	208	187	155	248	322	309	235
	1997	231	183	133	166	224	323	312	190
55 to 59 years	2002	113	87	54	76	101	173	147	65
	1997	96	101	77	55	116	159	152	74
60 to 64 years	2002	87	88	74	40	97	156	135	74
	1997	74	85	66	68	110	135	139	76
65 to 69 years	2002	69	67	44	54	105	133	94	71
	1997	89	54	48	57	90	148	142	77
70 years and over	2002	152	185	109	75	192	184	206	181
	1997	155	149	87	87	160	161	186	167
Average age	2002	55.3	54.2	54.7	51.2	55.2	54.3	54.4	56.3
	1997	54.4	51.9	52.4	51.1	52.9	52.4	53.8	54.3
<b>TYPE OF ORGANIZATION</b>									
Family or individual	farms, 2002	751	813	514	532	895	1,207	1,034	709
	1997	732	817	536	559	885	1,181	1,017	707
	acres, 2002	201,366	226,512	(D)	209,115	250,228	292,099	304,883	184,348
	1997	182,696	221,387	212,704	204,146	239,796	277,009	301,383	184,899
Partnership	farms, 2002	43	54	54	36	59	86	74	44
	1997	67	63	47	52	102	140	116	55
	acres, 2002	12,274	24,915	18,718	28,665	24,306	31,832	33,500	28,180
	1997	26,201	27,250	25,614	30,153	38,024	48,869	38,206	23,150
Corporation: Family-held	farms, 2002	54	20	37	35	34	33	89	44
	1997	88	27	46	48	33	33	130	49
	acres, 2002	35,583	17,334	32,670	24,821	28,185	20,720	68,766	19,581
	1997	42,256	28,657	(D)	26,164	37,051	16,907	87,165	27,130
Other than family held	farms, 2002	1	1	-	10	23	3	6	1
	1997	3	1	-	4	6	5	4	8
	acres, 2002	(D)	(D)	-	2,716	(D)	574	449	(D)
	1997	368	(D)	-	(D)	(D)	(D)	415	1,337
Other - cooperative, estate or trust, institutional, etc.	farms, 2002	8	3	1	5	13	7	9	10
	1997	9	7	1	10	8	9	8	9
	acres, 2002	(D)	(D)	(D)	669	(D)	3,589	2,749	(D)
	1997	820	(D)	(D)	(D)	(D)	(D)	2,854	2,881

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>									
Years on present farm <sup>1</sup> :									
2 years or less	2002	29	23	28	25	24	33	28	24
	1997	53	40	35	56	33	68	25	32
3 or 4 years	2002	59	48	62	38	56	67	31	70
	1997	65	53	44	59	39	76	31	57
5 to 9 years	2002	177	138	126	155	112	219	91	101
	1997	193	137	121	150	112	211	87	128
10 years or more	2002	996	815	877	1,122	753	1,126	451	552
	1997	889	725	681	1,036	590	1,034	412	452
Average years on present farm	2002	24.2	24.2	25.3	26.5	24.8	22.4	22.6	22.1
	1997	22.4	21.7	23.4	23.2	23.7	21.7	22.1	20.6
Age group:									
Under 25 years	2002	7	11	9	15	7	9	9	7
	1997	9	11	21	20	15	21	10	15
25 to 34 years	2002	81	50	66	85	35	64	18	48
	1997	109	91	61	162	56	110	48	54
35 to 44 years	2002	176	190	189	263	168	235	90	123
	1997	266	254	238	389	185	289	135	137
45 to 54 years	2002	366	280	272	359	240	387	173	157
	1997	353	303	222	334	210	404	153	167
55 to 59 years	2002	155	141	119	126	100	197	85	107
	1997	163	121	124	142	141	172	61	77
60 to 64 years	2002	147	113	99	118	146	153	86	73
	1997	138	112	90	171	87	202	71	86
65 to 69 years	2002	101	99	102	197	81	159	49	86
	1997	108	85	86	120	82	130	66	75
70 years and over	2002	228	140	237	177	168	241	91	146
	1997	223	123	193	130	156	280	95	160
Average age	2002	55.5	54.5	56.4	53.9	55.9	55.7	55.5	56.3
	1997	53.8	51.6	54.0	50.3	54.3	54.7	53.4	55.4
<b>TYPE OF ORGANIZATION</b>									
Family or individual	farms, 2002	1,096	862	930	1,146	814	1,285	471	685
	1997	1,113	868	833	1,234	769	1,380	485	683
	acres, 2002	224,738	218,882	258,146	467,871	175,194	264,126	140,291	186,447
	1997	214,252	229,535	229,046	464,777	179,400	267,674	140,363	188,716
Partnership	farms, 2002	86	76	70	94	57	81	64	44
	1997	161	109	105	126	81	124	77	66
	acres, 2002	36,243	31,622	30,396	58,543	41,928	32,840	18,858	21,397
	1997	46,274	35,991	39,017	61,886	35,901	32,544	26,673	29,847
Corporation:									
Family-held	farms, 2002	65	79	64	74	62	71	49	13
	1997	79	102	87	98	71	87	69	16
	acres, 2002	36,605	59,097	50,209	62,310	48,096	50,825	37,161	10,970
	1997	35,968	65,520	60,917	72,422	47,036	51,843	39,277	16,149
Other than family held	farms, 2002	3	1	2	2	4	-	4	-
	1997	11	13	5	5	2	5	4	2
	acres, 2002	1,096	(D)	(D)	(D)	3,440	-	410	-
	1997	1,766	2,564	(D)	(D)	(D)	304	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.	farms, 2002	11	6	27	24	8	8	13	5
	1997	5	8	5	5	9	12	4	4
	acres, 2002	2,200	(D)	(D)	(D)	1,684	991	4,234	3,420
	1997	860	1,179	(D)	(D)	(D)	1,270	(D)	(D)

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>									
Years on present farm <sup>1</sup> :									
2 years or less	2002	30	16	18	16	13	5	49	8
	1997	56	42	37	40	46	24	44	27
3 or 4 years	2002	47	59	55	42	29	26	51	26
	1997	71	71	50	68	44	21	54	31
5 to 9 years	2002	152	159	125	168	133	54	100	87
	1997	121	151	125	121	91	79	130	100
10 years or more	2002	816	756	845	825	673	377	628	504
	1997	796	673	720	662	670	348	533	484
Average years on present farm	2002	22.6	22.5	24.8	24.4	25.0	25.1	22.8	24.9
	1997	21.2	20.8	22.7	21.9	23.4	22.2	20.0	22.7
Age group:									
Under 25 years	2002	15	3	17	5	6	1	13	10
	1997	26	15	12	10	7	8	36	18
25 to 34 years	2002	122	48	42	48	31	22	74	37
	1997	158	65	73	87	66	36	121	64
35 to 44 years	2002	250	163	198	189	146	72	188	117
	1997	352	229	271	184	222	100	218	148
45 to 54 years	2002	286	282	277	199	216	127	237	150
	1997	262	256	269	256	228	158	201	185
55 to 59 years	2002	109	122	126	147	99	81	77	71
	1997	112	117	96	129	114	54	96	80
60 to 64 years	2002	99	110	100	127	113	57	86	67
	1997	102	111	87	120	111	58	82	79
65 to 69 years	2002	67	88	108	115	79	41	64	68
	1997	86	92	83	118	80	36	51	65
70 years and over	2002	97	174	175	221	158	61	89	105
	1997	103	179	192	155	151	85	66	101
Average age	2002	49.8	55.6	55.0	56.8	56.0	55.1	51.4	54.6
	1997	48.7	54.1	53.2	54.0	53.7	53.4	48.0	52.4
<b>TYPE OF ORGANIZATION</b>									
Family or individual	farms, 2002	876	903	843	950	710	395	726	549
	farms, 1997	989	938	869	894	771	423	745	621
	acres, 2002	248,596	242,761	232,170	212,800	231,579	(D)	225,821	315,484
	acres, 1997	260,030	263,110	229,295	217,424	212,704	167,511	215,967	305,753
Partnership	farms, 2002	62	50	89	60	58	26	52	29
	farms, 1997	91	90	119	105	94	50	71	72
	acres, 2002	30,243	36,200	43,539	29,971	25,609	21,063	37,883	25,724
	acres, 1997	30,381	40,697	48,885	37,324	29,816	32,899	30,515	35,702
Corporation:									
Family-held	farms, 2002	95	27	67	35	70	36	42	38
	farms, 1997	114	27	82	52	105	54	47	44
	acres, 2002	58,146	21,914	46,359	32,843	74,365	38,658	25,173	50,159
	acres, 1997	63,928	24,590	53,501	41,317	85,388	43,615	24,233	44,872
Other than family held	farms, 2002	7	-	6	3	5	3	3	4
	farms, 1997	3	5	4	-	3	3	3	2
	acres, 2002	3,060	-	1,809	332	2,392	1,593	(D)	226
	acres, 1997	(D)	(D)	669	-	(D)	(D)	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.	farms, 2002	5	10	38	3	5	2	5	5
	farms, 1997	4	4	9	8	6	5	5	1
	acres, 2002	1,489	3,458	4,702	836	1,098	(D)	(D)	837
	acres, 1997	(D)	(D)	2,137	800	(D)	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>								
Years on present farm <sup>1</sup> :								
2 years or less	2002 26	11	21	14	10	19	21	27
	1997 35	18	33	45	16	31	41	62
3 or 4 years	2002 52	36	51	41	17	37	46	46
	1997 35	24	48	50	21	41	29	68
5 to 9 years	2002 120	57	103	128	91	95	114	185
	1997 105	59	99	105	88	87	74	138
10 years or more	2002 516	479	641	810	518	722	602	1,081
	1997 458	442	558	696	464	623	585	1,073
Average years on present farm	2002 22.9	25.1	23.2	25.0	24.1	25.8	24.6	24.4
	1997 22.0	24.5	22.0	21.3	21.6	24.1	22.3	21.9
Age group:								
Under 25 years	2002 8	6	12	12	7	12	13	15
	1997 8	14	9	18	10	18	21	40
25 to 34 years	2002 40	18	29	72	44	37	48	89
	1997 58	32	58	88	74	43	78	129
35 to 44 years	2002 102	99	134	199	133	131	173	263
	1997 117	138	176	284	213	194	211	396
45 to 54 years	2002 170	165	225	298	189	230	184	411
	1997 175	138	201	239	151	214	204	394
55 to 59 years	2002 82	68	107	107	62	119	74	182
	1997 80	65	129	105	59	77	64	140
60 to 64 years	2002 92	69	124	93	51	90	54	130
	1997 74	53	80	104	55	89	69	138
65 to 69 years	2002 70	44	57	90	54	73	91	89
	1997 77	63	70	85	61	93	77	144
70 years and over	2002 150	114	128	122	96	181	146	160
	1997 150	113	121	88	54	174	107	185
Average age	2002 56.5	56.1	55.4	52.8	52.6	56.3	54.6	52.4
	1997 55.2	54.1	53.3	50.2	49.2	54.9	51.0	51.0
<b>TYPE OF ORGANIZATION</b>								
Family or individual	farms, 2002 650	498	699	852	506	765	645	1,195
	1997 637	515	685	833	559	780	692	1,329
acres, 2002	217,403	(D)	158,226	287,634	184,822	274,468	236,287	429,296
	1997 186,297	193,211	155,788	290,305	172,488	250,703	260,284	414,086
Partnership	farms, 2002 37	44	50	50	50	62	52	75
	1997 80	59	75	85	37	82	72	138
acres, 2002	23,068	16,626	30,115	25,519	19,093	34,180	32,523	61,421
	1997 31,008	23,817	32,835	31,375	14,699	38,341	33,948	67,827
Corporation:								
Family-held	farms, 2002 13	39	58	78	69	37	80	60
	1997 10	38	71	76	77	31	60	84
acres, 2002	7,151	40,460	39,299	45,567	49,514	29,234	57,458	34,728
	1997 8,631	35,134	38,290	41,711	58,261	28,489	42,010	42,268
Other than family held	farms, 2002 3	-	1	9	3	-	2	6
	1997 8	-	10	4	4	1	4	10
acres, 2002	(D)	-	(D)	1,738	471	-	(D)	88
	1997 544	-	(D)	(D)	3,110	(D)	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.	farms, 2002 11	2	8	4	8	9	4	3
	1997 4	4	12	7	-	8	3	5
acres, 2002	(D)	(D)	(D)	1,907	3,144	1,204	(D)	5,520
	1997 1,465	412	(D)	(D)	-	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>									
Years on present farm <sup>1</sup> :									
2 years or less	2002	16	15	30	16	30	16	21	22
	1997	12	34	56	51	30	38	34	23
3 or 4 years	2002	28	45	62	31	57	55	28	26
	1997	40	37	102	30	27	38	38	45
5 to 9 years	2002	56	127	157	131	115	108	92	85
	1997	68	107	141	118	84	78	90	91
10 years or more	2002	630	577	1,006	747	556	612	609	735
	1997	602	566	934	658	491	571	576	673
Average years on present farm	2002	26.8	22.1	24.7	24.5	23.7	23.5	24.6	24.9
	1997	24.1	20.7	21.7	22.6	24.4	22.0	22.8	22.5
Age group:									
Under 25 years	2002	7	3	9	4	6	15	14	5
	1997	11	12	21	13	15	19	18	19
25 to 34 years	2002	37	20	81	50	45	67	35	52
	1997	59	48	125	83	53	96	63	98
35 to 44 years	2002	142	126	231	173	111	179	148	210
	1997	194	195	334	208	126	230	177	248
45 to 54 years	2002	223	196	333	221	171	205	191	241
	1997	205	248	312	210	153	201	219	245
55 to 59 years	2002	72	136	166	109	101	94	108	110
	1997	89	83	153	114	63	82	118	86
60 to 64 years	2002	64	65	119	119	76	75	91	73
	1997	83	93	157	124	72	77	93	86
65 to 69 years	2002	57	89	99	87	90	47	69	72
	1997	70	82	140	89	74	54	65	76
70 years and over	2002	128	129	217	162	158	109	94	105
	1997	99	125	174	164	172	88	92	105
Average age	2002	54.4	56.5	54.5	55.3	56.7	52.2	53.8	52.6
	1997	51.9	53.4	52.2	53.6	56.0	49.7	52.2	50.2
<b>TYPE OF ORGANIZATION</b>									
Family or individual	farms, 2002	612	636	1,024	791	692	685	621	762
	1997	687	719	1,106	846	637	697	712	850
	acres, 2002	268,148	167,164	374,360	260,622	261,060	267,360	157,993	307,712
	1997	302,905	159,435	363,170	254,999	232,404	271,802	162,714	306,516
Partnership	farms, 2002	39	58	77	62	43	59	57	46
	1997	67	72	137	87	67	81	56	57
	acres, 2002	27,903	20,020	53,855	33,660	28,279	36,804	22,620	17,168
	1997	27,815	24,096	68,487	33,470	36,375	43,898	18,066	20,039
Corporation:									
Family-held	farms, 2002	70	57	139	56	11	35	69	35
	1997	50	79	162	59	17	59	72	50
	acres, 2002	56,320	36,669	109,486	49,757	7,809	31,216	48,028	17,499
	1997	37,916	53,103	124,281	57,052	5,406	32,605	49,820	24,631
Other than family held	farms, 2002	1	4	6	3	3	6	-	4
	1997	2	4	4	2	4	6	1	5
	acres, 2002	(D)	(D)	1,485	66	193	3,783	-	2,683
	1997	(D)	1,493	(D)	(D)	(D)	(D)	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.	farms, 2002	8	9	9	10	9	6	3	21
	1997	4	7	7	11	3	4	4	1
	acres, 2002	(D)	(D)	1,102	735	2,085	263	51	3,042
	1997	(D)	1,453	(D)	(D)	(D)	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>									
Years on present farm <sup>1</sup> :									
2 years or less	2002	49	30	14	19	29	19	24	38
	1997	72	43	45	42	40	44	29	49
3 or 4 years	2002	77	65	56	46	41	48	66	115
	1997	98	49	74	49	35	49	66	75
5 to 9 years	2002	228	101	163	121	70	146	128	208
	1997	219	123	144	97	106	112	123	204
10 years or more	2002	1,319	781	926	608	558	657	627	977
	1997	1,169	692	802	503	451	546	519	826
Average years on present farm	2002	22.6	23.6	24.5	23.5	23.9	22.5	21.8	22.2
	1997	20.9	21.5	22.2	21.6	21.7	21.7	20.8	20.9
Age group:									
Under 25 years	2002	26	10	6	7	12	8	3	4
	1997	37	13	17	8	12	9	20	10
25 to 34 years	2002	140	51	64	32	43	46	44	43
	1997	221	56	118	70	46	56	61	66
35 to 44 years	2002	400	139	200	122	116	128	181	249
	1997	535	232	268	149	129	169	170	268
45 to 54 years	2002	531	302	343	209	179	219	223	324
	1997	435	275	283	162	188	193	229	318
55 to 59 years	2002	160	135	117	109	89	96	104	138
	1997	178	107	161	106	76	124	83	155
60 to 64 years	2002	161	90	161	87	75	119	68	152
	1997	140	117	120	76	80	100	97	179
65 to 69 years	2002	110	86	109	65	68	110	88	148
	1997	112	80	95	84	65	60	59	130
70 years and over	2002	145	164	159	163	116	144	134	280
	1997	161	124	165	152	130	164	144	203
Average age	2002	50.3	55.2	54.5	56.4	55.2	56.1	54.4	56.8
	1997	48.6	52.7	52.2	55.0	54.7	55.0	53.5	54.9
<b>TYPE OF ORGANIZATION</b>									
Family or individual	farms, 2002	1,402	758	990	714	622	775	783	1,209
		1997	1,468	753	1,013	680	626	736	800
	acres, 2002	363,232	228,838	313,250	271,889	206,152	203,662	183,255	245,253
		1997	369,388	217,318	307,321	261,513	193,385	205,751	188,992
Partnership	farms, 2002	112	86	90	62	38	44	32	67
		1997	191	85	156	100	60	76	33
	acres, 2002	72,014	39,103	43,864	28,036	14,179	20,196	4,203	25,832
		1997	61,366	31,473	64,718	29,948	23,506	26,298	(D)
Corporation: Family-held	farms, 2002	124	85	64	12	27	37	25	45
		1997	132	137	55	13	25	53	25
	acres, 2002	66,212	71,878	60,406	7,175	12,769	26,144	18,356	25,527
		1997	69,230	97,215	42,584	8,493	14,110	33,330	19,757
Other than family held	farms, 2002	23	6	7	1	2	5	-	2
		1997	14	13	2	2	9	7	7
	acres, 2002	2,002	483	342	(D)	(D)	1,310	-	(D)
		1997	2,408	5,686	(D)	(D)	3,767	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.	farms, 2002	12	42	8	5	9	9	5	15
		1997	14	16	1	12	6	3	2
	acres, 2002	1,715	19,302	55	(D)	(D)	1,943	324	(D)
		1997	1,574	1,840	(D)	(D)	1,443	(D)	(D)

See footnote(s) at end of table.

--continued

**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>								
Years on present farm <sup>1</sup> :								
2 years or less	2002 32	22	19	71	42	31	11	20
	1997 49	40	26	25	67	57	24	26
3 or 4 years	2002 89	42	31	11	65	75	32	15
	1997 43	48	45	22	94	71	27	33
5 to 9 years	2002 172	132	74	84	234	148	49	79
	1997 130	113	95	80	182	184	83	81
10 years or more	2002 907	592	808	465	1,160	894	496	638
	1997 722	478	698	440	978	868	433	539
Average years on present farm	2002 23.0	24.0	24.7	21.6	22.2	23.2	24.6	25.5
	1997 22.4	22.2	23.3	22.6	21.2	20.9	22.7	23.8
Age group:								
Under 25 years	2002 5	12	5	3	8	17	2	5
	1997 13	11	8	12	26	17	10	18
25 to 34 years	2002 66	38	29	103	96	63	33	40
	1997 137	78	59	47	164	110	65	54
35 to 44 years	2002 291	134	161	119	367	212	167	196
	1997 257	123	259	173	416	326	176	166
45 to 54 years	2002 276	162	331	167	412	340	154	167
	1997 234	168	240	153	348	362	131	178
55 to 59 years	2002 136	80	81	69	164	140	66	76
	1997 131	72	87	59	149	152	74	88
60 to 64 years	2002 157	89	86	48	172	117	50	66
	1997 114	93	108	62	143	130	60	87
65 to 69 years	2002 88	81	94	45	109	77	48	72
	1997 95	88	107	67	126	112	52	55
70 years and over	2002 181	192	145	77	173	182	68	130
	1997 133	150	120	81	189	209	81	113
Average age	2002 53.9	57.4	54.9	50.5	52.3	54.1	52.6	54.0
	1997 51.2	55.0	52.5	51.7	50.9	52.5	51.3	52.7
<b>TYPE OF ORGANIZATION</b>								
Family or individual	farms, 2002 959	713	760	539	1,347	1,044	531	650
	1997 840	679	838	540	1,354	1,221	562	644
	acres, 2002 219,767	262,335	331,758	(D)	315,879	378,818	190,262	269,712
	1997 199,855	247,280	336,714	176,270	303,178	402,692	192,706	280,034
Partnership	farms, 2002 86	47	118	34	113	51	22	40
	1997 123	76	80	53	176	119	45	54
	acres, 2002 34,296	24,336	38,501	21,082	46,958	27,432	16,547	24,233
	1997 43,085	24,513	37,213	17,947	52,602	73,841	21,568	34,111
Corporation:								
Family-held	farms, 2002 122	14	42	52	29	37	30	56
	1997 128	21	65	55	24	58	37	53
	acres, 2002 75,728	11,332	45,711	53,695	13,499	29,534	14,346	50,944
	1997 72,878	23,846	55,738	57,525	17,005	46,966	21,747	48,989
Other than family held	farms, 2002 10	1	7	4	2	1	1	3
	1997 14	-	5	3	2	5	2	4
	acres, 2002 1,046	(D)	141	(D)	(D)	(D)	(D)	41
	1997 1,356	-	59	(D)	(D)	1,031	(D)	(D)
Other - cooperative, estate or trust, institutional, etc.	farms, 2002 23	13	5	2	10	15	4	3
	1997 9	7	-	3	5	15	3	4
	acres, 2002 3,727	(D)	908	(D)	(D)	(D)	(D)	560
	1997 2,401	2,796	-	(D)	(D)	2,141	(D)	(D)

<sup>1</sup> Data for 1997 do not include imputation for item nonresponse.



**Table 41. White Operators: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	White operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	White operators <sup>1</sup>	Land in Farms (acres)
<b>COUNTIES - Con.</b>								
Washington .....	1,196	1,642	334,158	823	209,008	373	819	125,150
Wayne .....	788	1,092	304,983	521	183,632	267	571	121,351
Webster .....	932	1,314	417,019	593	261,534	339	721	155,485
Winnebago .....	629	827	240,196	456	132,185	173	371	108,001
Winneshiek .....	1,501	2,016	380,034	1,042	237,090	459	974	142,944
Woodbury .....	1,148	1,588	442,152	783	283,057	365	785	159,095
Worth .....	586	780	224,096	416	146,903	170	364	77,193
Wright .....	752	977	345,490	554	223,014	198	423	122,476

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 42. Black or African American Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Black or African American operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms	Farms	Black or African American operators <sup>1</sup>	Land in farms (acres)
<b>STATE TOTAL</b>								
Iowa .....	36	43	9,050	18	3,704	18	25	5,346
<b>COUNTIES</b>								
Allamakee .....	1	1	(D)	-	-	1	1	(D)
Black Hawk .....	1	1	(D)	-	(D)	-	-	-
Boone .....	1	2	(D)	-	-	1	2	(D)
Cass .....	4	4	2,520	-	-	4	4	2,520
Cherokee .....	1	1	(D)	1	(D)	-	-	-
Chickasaw .....	1	1	(D)	1	(D)	-	-	-
Dallas .....	1	1	(D)	1	(D)	-	-	-
Des Moines .....	2	2	(D)	1	(D)	1	1	(D)
Fayette .....	1	1	(D)	-	-	1	1	(D)
Howard .....	2	2	(D)	2	(D)	-	-	-
Jackson .....	1	1	(D)	1	(D)	-	-	-
Johnson .....	1	2	(D)	-	-	1	2	(D)
Linn .....	2	2	(D)	2	(D)	-	-	-
Madison .....	2	2	(D)	-	-	2	2	(D)
Monroe .....	4	4	1,120	2	(D)	2	2	(D)
Pottawattamie .....	3	6	81	-	-	3	6	81
Sac .....	2	2	(D)	2	(D)	-	-	-
Sioux .....	2	2	(D)	2	(D)	-	-	-
Story .....	1	1	(D)	1	(D)	-	-	-
Tama .....	1	1	(D)	1	(D)	-	-	-
Washington .....	2	4	(D)	-	-	2	4	(D)

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 43. American Indian or Alaska Native Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	American Indian or Alaska Native operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	American Indian or Alaska Native operators <sup>1</sup>	Land in farms (acres)
<b>STATE TOTAL</b>								
Iowa .....	108	116	32,620	23	3,773	85	93	28,847
<b>COUNTIES</b>								
Adair .....	2	2	(D)	-	-	2	2	(D)
Adams .....	4	6	580	2	(D)	2	4	(D)
Black Hawk .....	1	1	(D)	-	-	1	1	(D)
Boone .....	1	1	(D)	-	-	1	1	(D)
Buchanan .....	3	3	40	-	-	3	3	40
Butler .....	1	1	(D)	-	-	1	1	(D)
Cass .....	1	1	(D)	-	-	1	1	(D)
Cedar .....	4	4	1,440	2	(D)	2	2	(D)
Cherokee .....	1	1	(D)	-	-	1	1	(D)
Chickasaw .....	1	1	(D)	-	-	1	1	(D)
Clarke .....	7	7	3,032	-	-	7	7	3,032
Clayton .....	2	2	(D)	-	-	2	2	(D)
Clinton .....	1	1	(D)	-	-	1	1	(D)
Crawford .....	2	2	(D)	-	-	2	2	(D)
Davis .....	8	8	3,976	2	(D)	6	6	(D)
Decatur .....	2	2	(D)	2	(D)	-	-	-
Dubuque .....	1	1	(D)	-	-	1	1	(D)
Floyd .....	1	1	(D)	-	-	1	1	(D)
Fremont .....	1	1	(D)	-	-	1	1	(D)
Ida .....	1	1	(D)	1	(D)	-	-	-
Iowa .....	2	2	(D)	-	-	2	2	(D)
Jefferson .....	1	1	(D)	1	(D)	-	-	-
Johnson .....	1	1	(D)	-	-	1	1	(D)
Jones .....	1	1	(D)	-	-	1	1	(D)
Louisa .....	2	2	(D)	2	(D)	-	-	-
Lucas .....	5	5	3,960	-	-	5	5	3,960
Marion .....	3	3	398	1	(D)	2	2	(D)
Marshall .....	2	2	(D)	-	-	2	2	(D)
Monroe .....	2	4	(D)	-	-	2	4	(D)
O'Brien .....	3	3	21	-	-	3	3	21
Polk .....	2	2	(D)	-	-	2	2	(D)
Pottawattamie .....	6	6	43	6	43	-	-	-
Sac .....	1	1	(D)	-	-	1	1	(D)
Scott .....	2	4	(D)	-	-	2	4	(D)
Sioux .....	1	1	(D)	-	-	1	1	(D)
Story .....	7	7	701	-	-	7	7	701
Taylor .....	1	2	(D)	-	-	1	2	(D)
Wapello .....	6	6	1,383	2	(D)	4	4	(D)
Warren .....	10	11	676	-	-	10	11	676
Wayne .....	2	2	(D)	-	-	2	2	(D)
Winnebago .....	2	2	(D)	2	(D)	-	-	-
Woodbury .....	1	1	(D)	-	-	1	1	(D)

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 44. Native Hawaiian or Other Pacific Islander Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Native Hawaiian or Other Pacific Islander operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Native Hawaiian or Other Pacific Islander operators <sup>1</sup>	Land in farms (acres)
<b>STATE TOTAL</b>								
Iowa .....	5	5	(D)	-	-	5	5	(D)
<b>COUNTIES</b>								
Clayton .....	1	1	(D)	-	-	1	1	(D)
Grundy .....	1	1	(D)	-	-	1	1	(D)
Mitchell .....	1	1	(D)	-	-	1	1	(D)
Story .....	1	1	(D)	-	-	1	1	(D)
Winneshiek .....	1	1	(D)	-	-	1	1	(D)

<sup>1</sup> Data were collected for a maximum of three operators per farm.



**Table 45. Asian Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Asian operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Asian operators <sup>1</sup>	Land in farms (acres)
<b>STATE TOTAL</b>								
Iowa .....	57	64	10,437	16	1,228	41	48	9,209
<b>COUNTIES</b>								
Adams .....	2	2	(D)	-	-	2	2	(D)
Allamakee .....	1	1	(D)	-	-	1	1	(D)
Appanoose .....	3	3	345	3	345	-	-	-
Audubon .....	1	1	(D)	-	-	1	1	(D)
Benton .....	1	1	(D)	-	-	1	1	(D)
Boone .....	1	1	(D)	-	-	-	-	-
Boone .....	3	3	(D)	1	(D)	2	2	(D)
Carroll .....	1	1	(D)	-	-	1	1	(D)
Cedar .....	1	1	(D)	-	-	1	1	(D)
Clinton .....	1	1	(D)	-	-	1	1	(D)
Dallas .....	3	3	90	-	-	3	3	90
Decatur .....	3	5	252	-	-	3	5	252
Fayette .....	1	1	(D)	-	-	1	1	(D)
Floyd .....	1	1	(D)	-	-	1	1	(D)
Franklin .....	2	2	(D)	1	(D)	1	1	(D)
Fremont .....	1	1	(D)	1	(D)	-	-	-
Guthrie .....	1	1	(D)	-	-	1	1	(D)
Harrison .....	1	1	(D)	-	-	1	1	(D)
Henry .....	1	1	(D)	-	-	1	1	(D)
Howard .....	3	6	180	-	-	3	6	180
Ida .....	2	2	(D)	-	-	2	2	(D)
Jasper .....	2	2	(D)	2	(D)	-	-	-
Keokuk .....	1	1	(D)	-	-	1	1	(D)
Kossuth .....	1	1	(D)	-	-	1	1	(D)
Lyon .....	2	2	(D)	2	(D)	-	-	-
Monona .....	1	1	(D)	-	-	1	1	(D)
Monroe .....	2	2	(D)	2	(D)	-	-	-
O'Brien .....	1	1	(D)	-	-	1	1	(D)
Pottawattamie .....	1	1	(D)	1	(D)	-	-	-
Sac .....	1	1	(D)	-	-	1	1	(D)
Van Buren .....	2	2	(D)	-	-	2	2	(D)
Wapello .....	5	7	495	-	-	5	7	495
Warren .....	2	2	(D)	-	-	2	2	(D)
Woodbury .....	1	1	(D)	-	-	1	1	(D)
Worth .....	2	2	(D)	2	(D)	-	-	-

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 46. Operators Reporting More Than One Race: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Operators reporting more than one race <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Operators reporting more than one race <sup>1</sup>	Land in farms (acres)
<b>STATE TOTAL</b>								
Iowa .....	78	86	12,759	36	7,233	42	50	5,526
<b>COUNTIES</b>								
Adams .....	2	2	(D)	2	(D)	-	-	-
Benton .....	2	2	(D)	-	-	2	2	(D)
Boone .....	1	1	(D)	-	-	1	1	(D)
Calhoun .....	1	1	(D)	1	(D)	-	-	-
Cedar .....	2	2	(D)	2	(D)	-	-	-
Cerro Gordo .....	1	1	(D)	1	(D)	-	-	-
Clarke .....	2	2	(D)	-	-	2	2	(D)
Clay .....	2	2	(D)	-	-	2	2	(D)
Dallas .....	4	6	286	2	(D)	2	4	(D)
Davis .....	3	3	275	-	-	3	3	275
Decatur .....	1	1	(D)	-	-	1	1	(D)
Delaware .....	1	1	(D)	-	-	1	1	(D)
Dubuque .....	2	2	(D)	2	(D)	-	-	-
Floyd .....	1	1	(D)	-	-	1	1	(D)
Franklin .....	2	2	(D)	2	(D)	-	-	-
Fremont .....	4	4	106	4	106	-	-	-
Hancock .....	1	1	(D)	1	(D)	-	-	-
Henry .....	2	2	(D)	2	(D)	-	-	-
Howard .....	2	2	(D)	-	-	2	2	(D)
Humboldt .....	2	2	(D)	-	-	2	2	(D)
Jackson .....	3	3	997	2	(D)	1	1	(D)
Jasper .....	2	2	(D)	2	(D)	-	-	-
Linn .....	4	6	228	-	-	4	6	228
Madison .....	3	3	(D)	-	-	3	3	(D)
Marshall .....	1	1	(D)	-	-	1	1	(D)
Mills .....	1	1	(D)	1	(D)	-	-	-
Mitchell .....	1	1	(D)	-	-	1	1	(D)
Montgomery .....	2	2	(D)	2	(D)	-	-	-
O'Brien .....	1	1	(D)	1	(D)	-	-	-
Plymouth .....	1	1	(D)	1	(D)	-	-	-
Poweshiek .....	1	1	(D)	1	(D)	-	-	-
Scott .....	3	3	356	3	356	-	-	-
Tama .....	2	4	(D)	-	-	2	4	(D)
Taylor .....	4	4	1,240	2	(D)	2	2	(D)
Warren .....	2	2	(D)	-	-	2	2	(D)
Washington .....	2	2	(D)	2	(D)	-	-	-
Webster .....	1	1	(D)	-	-	1	1	(D)
Winneshiek .....	3	3	30	-	-	3	3	30
Woodbury .....	1	1	(D)	-	-	1	1	(D)
Worth .....	2	4	(D)	-	-	2	4	(D)

<sup>1</sup> Data were collected for a maximum of three operators per farm.



**Table 47. Women Principal Operators - Selected Farm Characteristics: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Harvested cropland		Market value of agricultural products sold (\$1,000)	Farms by economic class (see text) and primary occupation						
	Farms	Acres	Farms	Acres		Farming			Other than farming			
						Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	
<b>COUNTIES - Con.</b>												
Van Buren .....	74	8,772	31	1,727	397	11	16	14	14	14	14	5
Wapello .....	90	15,574	36	6,674	2,410	17	6	17	17	25	8	8
Warren .....	126	16,349	53	7,081	2,413	12	21	27	34	17	15	15
Washington .....	111	15,209	31	4,604	1,282	2	16	18	18	39	18	18
Wayne .....	92	23,755	34	9,176	1,666	6	14	23	12	30	7	7
Webster .....	33	4,794	21	2,393	7,592	9	3	19	-	2	-	-
Winneshiek .....	38	9,462	12	8,711	2,130	2	-	9	18	6	3	3
Winneshiek .....	99	14,136	31	4,368	2,375	9	23	29	19	12	7	7
Woodbury .....	110	15,618	34	6,641	1,982	6	21	22	15	23	23	23
Worth .....	27	3,128	12	1,329	367	7	4	8	5	3	-	-
Wright .....	50	7,080	20	4,771	2,641	8	7	16	12	3	4	4

Table 48. Women Operators: 2002

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Women operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Women operators <sup>1</sup>	Land in farms (acres)
<b>STATE TOTAL</b>								
Iowa .....	26,581	27,258	8,412,754	4,085	547,617	22,496	23,173	7,865,137
<b>COUNTIES</b>								
Adair .....	231	234	102,460	39	5,162	192	195	97,298
Adams .....	189	199	60,348	38	10,807	151	161	49,541
Allamakee .....	355	367	108,270	71	8,295	284	296	99,975
Appanoose .....	299	302	77,513	51	7,025	248	251	70,488
Audubon .....	181	184	85,958	25	4,456	156	159	81,502
Benton .....	344	351	110,354	48	5,703	296	303	104,651
Black Hawk .....	269	276	82,139	24	2,635	245	252	79,504
Boone .....	229	233	71,722	36	2,570	193	197	69,152
Bremer .....	307	310	84,030	16	1,019	291	294	83,011
Buchanan .....	361	364	105,534	17	2,494	344	347	103,040
Buena Vista .....	184	189	69,557	22	2,421	162	167	67,136
Butler .....	360	367	100,625	31	2,086	329	336	98,539
Calhoun .....	208	215	97,062	35	3,117	173	180	93,945
Carroll .....	212	216	67,890	20	3,216	192	196	64,674
Cass .....	207	214	69,567	28	1,689	179	186	67,878
Cedar .....	356	359	108,461	97	10,567	259	262	97,894
Cerro Gordo .....	192	197	85,278	16	2,168	176	181	83,110
Cherokee .....	203	210	79,076	27	5,179	176	183	73,897
Chickasaw .....	290	301	82,830	42	3,684	248	259	79,146
Clarke .....	260	269	69,065	39	7,454	221	230	61,611
Clay .....	202	207	95,960	37	10,344	165	170	85,616
Clayton .....	520	535	138,208	58	8,733	462	477	129,475
Clinton .....	375	381	110,682	49	6,870	326	332	103,812
Crawford .....	213	218	90,245	31	4,631	182	187	85,614
Dallas .....	276	289	63,938	29	3,968	247	260	59,970
Davis .....	364	373	95,345	42	5,338	322	331	90,007
Decatur .....	294	302	90,772	70	13,726	224	232	77,046
Delaware .....	439	453	119,390	33	5,104	406	420	114,286
Des Moines .....	177	185	37,227	41	7,498	136	144	29,729
Dickinson .....	131	134	55,230	22	3,907	109	112	51,323
Dubuque .....	500	516	93,661	54	6,023	446	462	87,638
Emmet .....	151	154	66,207	16	3,388	135	138	62,819
Fayette .....	381	392	139,171	51	8,281	330	341	130,890
Floyd .....	268	273	77,059	43	6,636	225	230	70,423
Franklin .....	230	232	98,403	32	6,655	198	200	91,748
Fremont .....	127	131	64,628	20	4,810	107	111	59,818
Greene .....	208	216	103,786	21	4,105	187	195	99,681
Grundy .....	209	212	101,546	25	2,561	184	187	98,985
Guthrie .....	285	292	98,047	61	5,457	224	231	92,590
Hamilton .....	173	181	83,444	13	3,018	160	168	80,426
Hancock .....	196	202	80,655	10	1,644	186	192	79,011
Hardin .....	202	210	89,526	22	3,502	180	188	86,024
Harrison .....	235	238	102,557	22	4,103	213	216	98,454
Henry .....	227	231	48,776	52	4,737	175	179	44,039
Howard .....	314	322	97,091	49	5,743	265	273	91,348
Humboldt .....	168	170	73,124	17	2,401	151	153	70,723
Ida .....	175	180	75,915	60	10,468	115	120	65,447
Iowa .....	323	331	93,238	64	8,310	259	267	84,928
Jackson .....	450	459	98,737	80	8,669	370	379	90,068
Jasper .....	354	365	104,314	58	7,452	296	307	96,862
Jefferson .....	260	264	66,694	60	6,265	200	204	60,429
Johnson .....	388	400	60,778	83	8,456	305	317	52,322
Jones .....	288	296	75,587	40	5,748	248	256	69,839
Keokuk .....	320	335	86,630	80	7,332	240	255	79,298
Kossuth .....	308	312	137,156	29	5,532	279	283	131,624
Lee .....	309	315	70,174	52	7,669	257	263	62,505
Linn .....	503	524	118,057	67	6,285	436	457	111,772
Louisa .....	182	188	57,595	23	5,038	159	165	52,557
Lucas .....	279	286	66,455	45	7,291	234	241	59,164
Lyon .....	263	267	78,664	16	2,790	247	251	75,874
Madison .....	328	334	77,225	34	5,538	294	300	71,687
Mahaska .....	303	309	86,461	49	10,591	254	260	75,870
Marion .....	317	331	67,086	56	5,196	261	275	61,890
Marshall .....	236	240	93,525	51	5,264	185	189	88,261
Mills .....	139	142	53,789	26	7,194	113	116	46,595
Mitchell .....	211	215	74,354	21	3,798	190	194	70,556
Monona .....	173	175	110,963	16	3,123	157	159	107,840
Monroe .....	234	239	59,806	54	8,511	180	185	51,295
Montgomery .....	152	154	58,659	24	2,079	128	130	56,580
Muscatine .....	259	268	51,719	44	5,031	215	224	46,688
O'Brien .....	238	241	76,544	28	5,954	210	213	70,590
Osceola .....	142	145	51,925	34	1,345	108	111	50,580
Page .....	239	243	67,400	49	4,843	190	194	62,557
Palo Alto .....	221	229	85,536	80	6,486	141	149	79,050
Plymouth .....	308	315	107,842	28	4,979	280	287	102,863
Pocahontas .....	180	183	100,518	11	2,448	169	172	98,070
Polk .....	262	276	62,216	39	2,171	223	237	60,045
Pottawattamie .....	366	377	123,820	39	4,685	327	338	119,135
Poweshiek .....	266	275	81,923	65	6,641	201	210	75,282
Ringgold .....	291	299	91,422	71	9,696	220	228	81,726
Sac .....	207	215	83,796	17	1,489	190	198	82,307
Scott .....	212	215	64,160	20	1,628	192	195	62,532
Shelby .....	203	209	80,488	13	1,857	190	196	78,631
Sioux .....	387	392	115,941	28	4,509	359	364	111,432
Story .....	242	246	66,282	29	1,884	213	217	64,398
Tama .....	308	317	94,612	75	6,689	233	242	87,923
Taylor .....	300	316	97,908	73	11,407	227	243	86,501
Union .....	225	228	71,031	46	7,762	179	182	63,269
Van Buren .....	270	274	66,747	46	5,318	224	228	61,429
Wapello .....	312	316	69,765	56	10,009	256	260	59,756
Warren .....	476	482	91,188	80	10,065	396	402	81,123

See footnote(s) at end of table.

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**Table 48. Women Operators: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Women operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Women operators <sup>1</sup>	Land in farms (acres)
<b>COUNTIES - Con.</b>								
Washington .....	339	351	88,837	71	7,287	268	280	81,550
Wayne .....	295	299	98,531	79	11,439	216	220	87,092
Webster .....	194	198	89,966	19	3,748	175	179	86,218
Winnebago .....	157	164	77,984	27	2,032	130	137	75,952
Winneshiek .....	390	397	87,037	62	6,253	328	335	80,784
Woodbury .....	377	394	122,074	76	9,595	301	318	112,479
Worth .....	139	143	51,648	13	1,089	126	130	50,559
Wright .....	179	184	89,615	37	5,749	142	147	83,866

<sup>1</sup> Data were collected for a maximum of three operators per farm.



**Table 49. Women Principal Operators - Tenure: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total farms	Full owners			Part owners			Tenants		
		Farms	Land in farms	Harvested cropland	Farms	Land in farms	Harvested cropland	Farms	Land in farms	Harvested cropland
<b>COUNTIES - Con.</b>										
Washington .....	111	102	13,421	3,117	6	839	(D)	3	949	(D)
Wayne .....	92	81	13,075	1,663	5	(D)	(D)	6	(D)	(D)
Webster .....	33	27	2,790	1,325	5	(D)	1,068	1	(D)	-
Winnebago .....	38	31	2,261	1,662	7	7,201	7,049	-	-	-
Winneshiek .....	99	84	8,684	(D)	12	(D)	2,338	3	(D)	(D)
Woodbury .....	110	95	12,158	4,087	5	590	122	10	2,870	2,432
Worth .....	27	23	2,555	792	1	(D)	(D)	3	(D)	(D)
Wright .....	50	40	4,620	2,591	5	1,874	1,722	5	586	458



Table 50. Spanish, Hispanic, or Latino Origin Operators: 2002

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Spanish, Hispanic, or Latino operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Spanish, Hispanic, or Latino operators <sup>1</sup>	Land in farms (acres)
<b>STATE TOTAL</b>								
Iowa .....	499	537	175,610	277	92,024	222	260	83,586
<b>COUNTIES</b>								
Adair .....	4	4	2,030	3	(D)	1	1	(D)
Adams .....	3	3	4,650	1	(D)	2	2	(D)
Allamakee .....	7	7	1,632	4	(D)	3	3	(D)
Appanoose .....	9	9	5,402	6	(D)	3	3	(D)
Audubon .....	3	3	783	2	(D)	1	1	(D)
Benton .....	5	5	(D)	4	(D)	1	1	(D)
Black Hawk .....	2	2	(D)	-	-	2	2	(D)
Bremer .....	2	3	1,203	2	-	3	3	1,203
Buchanan .....	5	5	868	-	(D)	3	3	(D)
Buena Vista .....	2	2	(D)	1	(D)	1	1	(D)
Butler .....	5	5	2,940	2	(D)	3	3	(D)
Calhoun .....	5	5	1,208	3	(D)	2	2	(D)
Carroll .....	5	6	993	-	-	5	6	993
Cass .....	5	5	745	2	(D)	3	3	(D)
Cedar .....	10	14	1,088	5	(D)	5	9	(D)
Cerro Gordo .....	3	4	3,738	1	(D)	2	3	(D)
Cherokee .....	5	5	727	2	(D)	3	3	(D)
Chickasaw .....	2	2	(D)	-	-	2	2	(D)
Clarke .....	3	3	540	1	(D)	2	2	(D)
Clay .....	3	3	1,177	2	(D)	1	1	(D)
Clayton .....	8	8	2,140	7	(D)	1	1	(D)
Clinton .....	6	8	1,645	4	(D)	2	4	(D)
Crawford .....	6	9	5,781	3	(D)	3	6	(D)
Dallas .....	3	3	1,732	2	(D)	1	1	(D)
Davis .....	5	5	1,594	3	(D)	2	2	(D)
Decatur .....	6	6	1,460	2	(D)	4	4	(D)
Delaware .....	4	6	1,332	1	(D)	3	5	(D)
Des Moines .....	4	4	4,982	2	(D)	2	2	(D)
Dickinson .....	3	3	1,556	3	1,556	-	-	-
Dubuque .....	8	8	1,449	8	1,449	-	-	-
Fayette .....	2	3	(D)	1	(D)	1	2	(D)
Floyd .....	4	4	1,622	-	-	4	4	1,622
Franklin .....	6	6	3,440	5	(D)	1	1	(D)
Fremont .....	2	2	(D)	2	(D)	-	-	-
Greene .....	6	6	3,471	6	3,471	-	-	-
Grundy .....	3	4	(D)	2	(D)	1	2	(D)
Guthrie .....	5	5	1,376	5	1,376	-	-	-
Hamilton .....	7	8	3,046	4	2,280	3	4	766
Hancock .....	1	1	(D)	1	(D)	-	-	-
Hardin .....	2	2	(D)	-	-	2	2	(D)
Harrison .....	7	8	2,520	2	(D)	5	6	(D)
Henry .....	1	1	(D)	1	(D)	-	-	-
Howard .....	4	4	605	3	(D)	1	1	(D)
Humboldt .....	5	5	820	5	820	-	-	-
Ida .....	6	6	1,700	6	1,700	-	-	-
Iowa .....	5	6	1,223	2	(D)	3	4	(D)
Jackson .....	9	9	769	5	463	4	4	306
Jasper .....	10	12	3,799	5	2,288	5	7	1,511
Johnson .....	10	10	2,711	9	(D)	1	1	(D)
Jones .....	13	13	2,372	10	2,188	3	3	184
Keokuk .....	10	10	2,396	7	990	3	3	1,406
Kossuth .....	5	5	5,889	2	(D)	3	3	(D)
Lee .....	5	5	159	-	-	5	5	159
Linn .....	7	7	620	5	(D)	2	2	(D)
Louisa .....	1	1	(D)	1	(D)	-	-	-
Lucas .....	14	14	3,023	8	1,260	6	6	1,763
Lyon .....	11	12	3,482	4	1,010	7	8	2,472
Madison .....	8	8	525	1	(D)	7	7	(D)
Mahaska .....	3	3	468	2	(D)	1	1	(D)
Marion .....	10	11	1,078	6	778	4	5	300
Marshall .....	2	2	(D)	-	-	2	2	(D)
Mills .....	2	3	(D)	1	(D)	1	2	(D)
Mitchell .....	2	2	(D)	2	(D)	-	-	-
Monona .....	4	4	473	1	(D)	3	3	(D)
Monroe .....	10	10	4,439	10	4,439	-	-	-
Muscatine .....	2	4	(D)	-	-	2	4	(D)
O'Brien .....	7	7	(D)	6	(D)	1	1	(D)
Osceola .....	3	3	12	3	12	-	-	-
Page .....	3	3	1,956	-	-	3	3	1,956
Palo Alto .....	5	5	1,700	5	1,700	-	-	-
Plymouth .....	5	5	763	1	(D)	4	4	(D)
Pocahontas .....	2	4	(D)	-	-	2	4	(D)
Polk .....	4	4	198	4	-	4	4	198
Pottawattamie .....	6	8	6,030	3	2,790	3	5	3,240
Poweshiek .....	3	4	910	2	(D)	1	2	(D)
Ringgold .....	6	6	2,973	5	(D)	1	1	(D)
Sac .....	4	4	2,020	4	2,020	-	-	-
Scott .....	9	11	2,498	5	2,222	4	6	276
Shelby .....	10	10	1,135	2	(D)	8	8	(D)
Sioux .....	5	5	1,160	3	(D)	2	2	(D)
Story .....	9	9	1,873	3	262	6	6	1,611
Tama .....	2	2	(D)	-	(D)	-	-	-
Taylor .....	5	5	1,060	2	(D)	3	3	(D)
Union .....	1	1	(D)	1	(D)	-	-	-
Van Buren .....	5	5	1,426	3	(D)	2	2	(D)
Wapello .....	3	3	472	-	-	-	-	-
Warren .....	11	12	2,684	4	1,312	7	8	1,372
Washington .....	10	11	2,941	3	2,097	7	8	844
Wayne .....	9	11	12,834	4	1,066	5	7	11,768

See footnote(s) at end of table.

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Table 50. **Spanish, Hispanic, or Latino Origin Operators: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Spanish, Hispanic, or Latino operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Spanish, Hispanic, or Latino operators <sup>1</sup>	Land in farms (acres)
<b>COUNTIES - Con.</b>								
Webster .....	5	6	2,597	3	(D)	2	3	(D)
Winnebago .....	2	2	(D)	1	(D)	1	1	(D)
Winneshiek .....	10	10	3,884	7	3,498	3	3	386
Woodbury .....	4	5	(D)	-	-	4	5	(D)
Worth .....	3	3	1,229	1	(D)	2	2	(D)
Wright .....	2	2	(D)	1	(D)	1	1	(D)

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 51. Farms by North American Industry Classification System: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Total farms	90,655	843	567	1,083	816	638	1,186
Oilseed and grain farming (1111)	42,509	369	217	183	160	272	682
Vegetable and melon farming (1112)	317	1	1	2	-	-	7
Fruit and tree nut farming (1113)	284	-	2	5	4	2	2
Greenhouse, nursery, and floriculture production (1114)	580	3	1	6	1	4	11
Other crop farming (1119)	18,891	180	167	391	259	157	203
Tobacco farming (11191)	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	18,891	180	167	391	259	157	203
Beef cattle ranching and farming (112111)	10,065	138	112	211	318	63	101
Cattle feedlots (112112)	4,259	73	28	44	19	41	52
Dairy cattle and milk production (11212)	2,306	6	3	140	6	3	19
Hog and pig farming (1122)	5,742	17	12	32	4	56	47
Poultry and egg production (1123)	442	3	5	2	5	2	2
Sheep and goat farming (1124)	1,098	13	6	9	7	6	18
Animal aquaculture and other animal production (1125,1129)	4,162	40	13	58	33	32	42

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Total farms	939	827	956	1,067	825	1,076	762
Oilseed and grain farming (1111)	539	489	505	576	495	575	509
Vegetable and melon farming (1112)	9	7	2	4	-	1	2
Fruit and tree nut farming (1113)	6	5	5	1	1	1	-
Greenhouse, nursery, and floriculture production (1114)	19	7	6	3	4	4	1
Other crop farming (1119)	148	151	165	122	103	221	105
Tobacco farming (11191)	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	148	151	165	122	103	221	105
Beef cattle ranching and farming (112111)	43	48	47	76	49	65	36
Cattle feedlots (112112)	21	19	43	55	17	36	27
Dairy cattle and milk production (11212)	12	3	49	45	3	19	27
Hog and pig farming (1122)	61	26	64	104	119	66	58
Poultry and egg production (1123)	10	4	4	22	13	5	-
Sheep and goat farming (1124)	15	15	12	8	5	27	6
Animal aquaculture and other animal production (1125,1129)	56	53	54	51	16	56	18

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Total farms	1,045	764	971	795	837	951	726
Oilseed and grain farming (1111)	563	392	511	478	464	449	155
Vegetable and melon farming (1112)	2	2	6	5	-	3	1
Fruit and tree nut farming (1113)	-	2	4	3	1	3	-
Greenhouse, nursery, and floriculture production (1114)	7	1	9	5	1	5	2
Other crop farming (1119)	116	142	202	142	65	207	245
Tobacco farming (11191)	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	116	142	202	142	65	207	245
Beef cattle ranching and farming (112111)	71	114	68	25	79	61	231
Cattle feedlots (112112)	74	42	47	24	69	60	17
Dairy cattle and milk production (11212)	5	7	10	6	10	52	3
Hog and pig farming (1122)	165	22	57	57	96	53	12
Poultry and egg production (1123)	5	5	3	2	2	1	1
Sheep and goat farming (1124)	6	7	14	4	5	11	14
Animal aquaculture and other animal production (1125,1129)	31	28	40	44	45	46	45

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Total farms	691	1,601	1,219	927	938	1,007	788
Oilseed and grain farming (1111)	451	374	624	457	474	209	134
Vegetable and melon farming (1112)	1	2	5	-	8	-	1
Fruit and tree nut farming (1113)	2	8	9	2	5	5	5
Greenhouse, nursery, and floriculture production (1114)	2	6	3	2	17	3	4
Other crop farming (1119)	97	478	206	147	226	291	261
Tobacco farming (11191)	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	97	478	206	147	226	291	261
Beef cattle ranching and farming (112111)	22	216	107	133	75	318	278
Cattle feedlots (112112)	19	70	116	58	17	28	16
Dairy cattle and milk production (11212)	2	244	23	3	2	50	11
Hog and pig farming (1122)	49	91	40	71	20	30	13
Poultry and egg production (1123)	7	9	3	2	7	6	8
Sheep and goat farming (1124)	10	19	14	10	20	18	8
Animal aquaculture and other animal production (1125,1129)	29	84	69	42	67	49	49

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**Table 51. Farms by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Total farms	1,253	674	492	1,481	510	1,344	895	825
Oilseed and grain farming (1111)	464	400	294	327	318	567	457	509
Vegetable and melon farming (1112)	4	4	-	6	2	6	-	2
Fruit and tree nut farming (1113)	-	4	-	11	-	3	3	-
Greenhouse, nursery, and floriculture production (1114)	3	8	5	10	2	3	7	5
Other crop farming (1119)	181	134	79	305	76	304	211	123
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	181	134	79	305	76	304	211	123
Beef cattle ranching and farming (112111)	88	53	36	187	26	102	46	34
Cattle feedlots (112112)	92	10	28	194	16	65	39	23
Dairy cattle and milk production (11212)	181	15	4	254	-	124	21	5
Hog and pig farming (1122)	166	16	20	111	40	99	66	95
Poultry and egg production (1123)	3	1	1	2	2	8	9	3
Sheep and goat farming (1124)	9	7	6	9	7	10	2	6
Animal aquaculture and other animal production (1125,1129)	62	22	19	65	21	53	34	20

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Total farms	547	727	724	885	797	827	829	828
Oilseed and grain farming (1111)	354	467	456	387	479	552	475	500
Vegetable and melon farming (1112)	1	-	1	-	3	1	3	5
Fruit and tree nut farming (1113)	3	-	1	-	2	2	4	8
Greenhouse, nursery, and floriculture production (1114)	3	1	2	6	5	2	7	2
Other crop farming (1119)	87	109	88	212	145	123	127	152
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	87	109	88	212	145	123	127	152
Beef cattle ranching and farming (112111)	49	44	41	170	15	19	49	81
Cattle feedlots (112112)	11	25	32	24	9	20	34	23
Dairy cattle and milk production (11212)	4	-	6	5	1	4	2	1
Hog and pig farming (1122)	8	53	63	35	78	73	87	17
Poultry and egg production (1123)	-	1	3	7	16	2	3	1
Sheep and goat farming (1124)	7	5	6	5	10	9	8	8
Animal aquaculture and other animal production (1125,1129)	20	22	25	34	34	20	30	30

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Total farms	857	891	606	618	1,024	1,336	1,212	808
Oilseed and grain farming (1111)	330	378	445	311	415	285	623	277
Vegetable and melon farming (1112)	3	-	1	1	3	6	6	1
Fruit and tree nut farming (1113)	5	1	-	-	5	8	4	3
Greenhouse, nursery, and floriculture production (1114)	9	1	4	3	-	7	9	4
Other crop farming (1119)	233	262	67	117	293	325	212	273
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	233	262	67	117	293	325	212	273
Beef cattle ranching and farming (112111)	107	71	27	46	100	288	104	135
Cattle feedlots (112112)	39	47	13	48	70	173	55	23
Dairy cattle and milk production (11212)	5	51	2	6	13	77	10	2
Hog and pig farming (1122)	45	43	21	55	59	60	78	37
Poultry and egg production (1123)	11	3	3	-	5	5	3	1
Sheep and goat farming (1124)	8	11	5	12	16	11	30	15
Animal aquaculture and other animal production (1125,1129)	62	23	18	19	45	91	78	37

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Total farms	1,261	1,024	1,093	1,340	945	1,445	601	747
Oilseed and grain farming (1111)	488	431	439	900	356	709	310	120
Vegetable and melon farming (1112)	6	1	3	4	3	14	7	4
Fruit and tree nut farming (1113)	15	-	1	1	7	13	4	3
Greenhouse, nursery, and floriculture production (1114)	26	6	2	3	9	18	2	7
Other crop farming (1119)	295	209	328	160	275	298	141	277
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	295	209	328	160	275	298	141	277
Beef cattle ranching and farming (112111)	120	111	103	52	127	157	40	239
Cattle feedlots (112112)	46	95	53	56	41	60	18	24
Dairy cattle and milk production (11212)	65	37	3	8	5	21	4	11
Hog and pig farming (1122)	70	61	97	122	40	41	41	17
Poultry and egg production (1123)	12	5	3	3	3	12	2	2
Sheep and goat farming (1124)	23	10	9	8	22	21	10	12
Animal aquaculture and other animal production (1125,1129)	95	58	52	23	57	81	22	31

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**Table 51. Farms by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Total farms	1,045	990	1,043	1,051	848	462	828	625
Oilseed and grain farming (1111)	469	358	455	417	505	307	382	405
Vegetable and melon farming (1112)	3	3	2	4	6	1	4	3
Fruit and tree nut farming (1113)	-	6	1	1	2	2	3	3
Greenhouse, nursery, and floriculture production (1114)	1	12	5	6	8	3	3	1
Other crop farming (1119)	57	249	256	339	151	69	131	86
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	57	249	256	339	151	69	131	86
Beef cattle ranching and farming (112111)	95	233	99	146	42	28	52	69
Cattle feedlots (112112)	111	19	68	26	33	10	78	22
Dairy cattle and milk production (11212)	37	1	7	9	2	-	41	5
Hog and pig farming (1122)	193	15	94	26	40	11	77	16
Poultry and egg production (1123)	2	5	1	3	2	1	8	3
Sheep and goat farming (1124)	19	15	9	11	13	8	8	8
Animal aquaculture and other animal production (1125,1129)	58	74	46	63	44	22	31	4

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Total farms	714	583	816	993	636	873	783	1,339
Oilseed and grain farming (1111)	158	299	410	592	402	428	478	740
Vegetable and melon farming (1112)	-	-	15	-	-	5	3	3
Fruit and tree nut farming (1113)	1	1	2	-	-	1	-	1
Greenhouse, nursery, and floriculture production (1114)	2	1	7	3	1	7	3	3
Other crop farming (1119)	231	134	189	80	79	180	148	135
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	231	134	189	80	79	180	148	135
Beef cattle ranching and farming (112111)	237	80	63	49	24	118	28	94
Cattle feedlots (112112)	30	23	25	57	28	43	25	78
Dairy cattle and milk production (11212)	6	3	10	6	11	7	7	18
Hog and pig farming (1122)	11	7	34	161	69	19	73	200
Poultry and egg production (1123)	4	2	8	7	5	-	4	2
Sheep and goat farming (1124)	7	8	11	6	7	10	3	17
Animal aquaculture and other animal production (1125,1129)	27	25	42	32	10	55	11	48

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Total farms	730	764	1,255	925	758	791	750	868
Oilseed and grain farming (1111)	544	377	730	446	189	498	442	550
Vegetable and melon farming (1112)	-	3	6	5	2	1	5	1
Fruit and tree nut farming (1113)	-	14	6	2	2	-	3	1
Greenhouse, nursery, and floriculture production (1114)	4	45	12	5	1	9	20	4
Other crop farming (1119)	78	150	189	265	262	79	81	91
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	78	150	189	265	262	79	81	91
Beef cattle ranching and farming (112111)	11	43	127	103	223	34	51	63
Cattle feedlots (112112)	22	19	61	24	17	34	43	43
Dairy cattle and milk production (11212)	8	4	-	4	9	3	6	3
Hog and pig farming (1122)	47	13	31	17	21	102	48	73
Poultry and egg production (1123)	1	1	6	1	1	3	2	2
Sheep and goat farming (1124)	-	18	12	14	3	5	8	11
Animal aquaculture and other animal production (1125,1129)	15	77	75	39	28	23	41	26

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Total farms	1,673	977	1,159	794	698	870	845	1,338
Oilseed and grain farming (1111)	667	602	629	281	208	271	253	388
Vegetable and melon farming (1112)	1	13	3	2	-	7	3	16
Fruit and tree nut farming (1113)	-	5	1	1	-	3	1	12
Greenhouse, nursery, and floriculture production (1114)	5	11	2	-	3	3	10	11
Other crop farming (1119)	85	145	242	245	203	281	298	461
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	85	145	242	245	203	281	298	461
Beef cattle ranching and farming (112111)	106	39	133	188	191	176	178	248
Cattle feedlots (112112)	214	26	46	25	28	12	18	35
Dairy cattle and milk production (11212)	81	6	17	4	4	17	3	5
Hog and pig farming (1122)	377	6	41	11	18	19	12	26
Poultry and egg production (1123)	24	4	1	1	2	3	-	4
Sheep and goat farming (1124)	43	14	13	4	13	21	8	22
Animal aquaculture and other animal production (1125,1129)	70	62	31	32	28	57	61	110

--continued

**Table 51. Farms by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farms .....	1,200	788	932	631	1,501	1,148	588	752
Oilseed and grain farming (1111) .....	428	179	658	361	438	551	344	541
Vegetable and melon farming (1112) .....	8	1	2	1	6	4	1	1
Fruit and tree nut farming (1113) .....	6	-	2	2	2	3	-	-
Greenhouse, nursery, and floriculture production (1114) .....	4	2	4	4	12	12	3	-
Other crop farming (1119) .....	307	274	149	161	393	262	132	126
Tobacco farming (11191) .....	-	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) .....	307	274	149	161	393	262	132	126
Beef cattle ranching and farming (112111) .....	79	251	29	16	165	134	29	19
Cattle feedlots (112112) .....	50	24	4	17	102	60	12	9
Dairy cattle and milk production (11212) .....	42	15	3	4	206	2	6	1
Hog and pig farming (1122) .....	185	7	54	35	66	39	25	23
Poultry and egg production (1123) .....	32	1	2	2	6	4	3	6
Sheep and goat farming (1124) .....	19	1	4	14	22	15	7	3
Animal aquaculture and other animal production (1125,1129) .....	40	33	21	14	83	62	26	23

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# Appendix A.

## General Explanation

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### DATA COLLECTION

#### Mail List

The National Agricultural Statistics Service (NASS) maintains a list of farmers and ranchers from which the census mail list (CML) was compiled. In 2000, NASS began an intensive push to increase list coverage in preparation for the census. Sources included state and federal government lists, producer association lists, seed grower lists, pesticide applicator lists, veterinarian lists, marketing association lists, and special commodity lists. The goal was to build as complete a list as possible of agricultural places that produce and sell, or would normally sell, \$1,000 or more of agricultural products. Additional detail regarding the 2002 census mail list is provided in Appendix C.

#### Method of Enumeration

Mailout and mailback methodology was the primary data collection method. It was supplemented with followups by telephone and personal enumeration. The enumeration methods used in the 2002 census were similar to those used in the 1997 census.

#### Report Forms

Two report form types - nonsample and sample - were used to collect census information. Nonsample forms consisted of 19 sections that collected basic information (acreage and land use, crops, livestock and poultry raised, grain storage capacity, production contracts and custom feeding, value of sales, Commodity Credit Corporation (CCC) loans, federal farm program payments, income from farm-related sources, and organizational and operator characteristics). Sample forms contained the same 19 sections on the nonsample forms plus an additional 5 sections that covered production expenses, fertilizer

and chemical applications, machinery and equipment used, market value of land and buildings, and farm labor. The sample form collected sufficient data to make reliable estimates for these additional topics and yet reduce total respondent burden. A sample form was mailed to approximately 569,000 addresses on the CML and a nonsample form was mailed to 2.23 million addresses.

Twelve regional versions of the nonsample form and 13 regional versions of the sample form were used. Region 13, Alaska, did not have a nonsample form version. Each regional version prelisted major crops of significance to the respective region.

#### Report Form Mailings and Respondent Followup

Mailout packet preparation, initial mailout, both followup mailings, and receipt and check-in of returned report forms were handled by the Census Bureau's National Processing Center (NPC) in Jeffersonville, IN. NASS statisticians on site at NPC provided technical guidance and monitored NPC processing activities.

The initial mailout took place during the middle of December 2002. Approximately 2.8 million packets were mailed. Each packet contained a cover letter, instruction sheet, a labeled report form, and a return envelope.

There were two followup mailings to nonrespondents. The first followup was mailed mid-February 2003 and involved about 1.4 million nonrespondents. A second followup mailout occurred in late March 2003 and involved approximately 650,000 nonrespondents.

Prior to the initial mailout, NASS's field offices selected (tagged) approximately 30,000 respondents for personal enumeration rather than mailout and

mailback enumeration. Report forms were labeled at NPC and shipped to the field offices for enumeration. These respondents were excluded from the initial and both followup mailings. Once enumerated, the records were sent to NPC for check-in and data capture.

Operating concurrently with NPC's data collection efforts, the field offices targeted select groups of census nonrespondents to receive additional enumeration efforts because of their statistical influence. These efforts were referred to as Advanced Followup, Must Followup, Low-Response County Followup, and Last Call.

Advanced Followup was conducted between February 2003 and April 2003 and focused on three groups of nonrespondents. The groups consisted of 1) respondents thought to be least likely to respond to the census; 2) respondents thought to be easy and quick interviews; and 3) those for which NASS was uncertain of their true farm status. The field offices carried out all phases of these activities for their respective respondents. Computer-Assisted Telephone Interviewing (CATI) and face-to-face interviewing were used to collect the data.

Must Followup was a very important component in ensuring a complete census. Must cases are large operations, the absence of which could significantly affect the accuracy of census results. Approximately 122,000 respondents were identified as Must cases. Each Must operation was enumerated, or if no longer in operation, their non-farm status verified and documented. The field offices were responsible for enumerating or resolving all Must cases in their area. CATI calling of nonrespondent Must cases was conducted between March 2003 and June 2003. Extensive effort was made to contact and enumerate these operations.

Low-Response County Followup was conducted by the field offices, as needed, to increase the response rate in all counties to at least 75-percent. CATI was used for this followup activity. Followup activities began mid-April 2003 and continued until all counties reached a 75-percent response rate.

Last Call Followup was used to increase the overall U.S. response rate and was conducted via CATI. This activity was conducted if a state's response rate was

less than the 1997 response rate at the completion of the Low-response County Followup. Implementation of this activity varied by field office. This followup activity, if needed, began in early April 2003 and continued through mid-July 2003. Last Call nonrespondents were contacted by enumerators in the respective field offices or by an analyst in one of the NASS Telephone Calling Centers.

## **DATA CAPTURE**

Data capture activities associated with the 2002 census were very different from those employed during the 1997 census. For 1997, data were captured using data entry clerks who keyed data from the report forms at the Census Bureau's National Processing Center (NPC). Data capture for the 2002 census consisted of scanning the report forms and capturing the data directly from the scanned images utilizing Automated Data Capture. Automated Data Capture consists of Optical Character Recognition (OCR), Intelligent Character Recognition (ICR), and Optical Mark Recognition (OMR). Utilizing this method of data capture allowed the images of the report forms to be available to the field offices for use in subsequent processing and analysis steps.

Data capture was supplemented by the field offices' use of CATI software to collect data for certain groups of nonrespondents. CATI data were electronically captured and submitted for processing via NASS's Local Area Network. In addition, each field office used existing Blaise Data Capture software, modified for the content of the report forms, to key data.

## **DATA PROCESSING**

Data processing involved checking and editing data for consistency and reasonableness, reviewing the tabulated data, and the application of disclosure analysis to ensure that the tabulated data did not violate census confidentiality requirements.

Captured data and report form images from the scanning operation at NPC were loaded to the census database at NASS. Respondent data were edited using a computerized edit based on detailed editing specifications designed to minimize the number of records that needed manual intervention. Each respondent record was edited by the complex edit



based on data in the database and subjected to a detailed item-by-item review. The edit performed comprehensive checks for consistency and reasonableness, and corrected erroneous or inconsistent data. The edit process included an Analysis System comprised of a set of tools that included mechanisms for identification and grouping of problem records and a means for manual correction of those records.

Final data review occurred after record-level data were error free and final weighting (nonresponse, sample, and coverage) was applied. The field offices conducted the final data review process. It involved a systematic, item-by-item review of each value to be published at the county and state level. A national-level review was undertaken concurrently by Headquarters staff.

After final data review was completed, disclosure analysis programs were run. Suppressed values were reviewed by the field offices and Headquarters staff prior to releasing the data to the public.

## **DATA COLLECTION OUTREACH AND PROMOTIONAL EFFORTS**

Promotional and outreach programs were primarily handled by each of the 46 NASS field offices. NASS Headquarters staff conducted the national effort through the national headquarters of various USDA agencies, farm organizations, agriculture associations, and others and prepared materials the field offices could customize to meet their target audiences.

The field offices worked with the commissioners of agriculture, governors, and other officials to obtain verbal support of the census in their speeches and public appearances and through their written communications to their constituencies. To improve the coverage of minorities, field offices made special promotional efforts through American Indian tribal leaders, limited-resource farm organizations, and women's associations.

Census promotion and publicity activities encouraged complete participation in the census and also urged anyone who was involved in agriculture to call the toll-free number and request a report form if they did not receive one in the mail.

## **DATA CHANGES**

Prior to each agriculture census, the content of the report forms and publication tables is reviewed to eliminate items no longer needed, identify necessary new items, and modify existing items to better describe the agricultural situation in the Nation. Data requests are solicited from farm organizations, land-grant universities, state and Federal agencies, State departments of agriculture, agribusinesses, the Advisory Committee on Agriculture Statistics, and others. Each data user is asked to identify and justify his/her specific data needs. As a result of this process, changes were made to several areas of the 2002 report form.

### **Crop Data Changes**

Deleted items include:

- Acres irrigated for individual vegetables and berries.
- Production (quantity) of individual fruits, nuts, and berries.
- Number of bearing and nonbearing age trees or vines.

Added items include:

- Acres covered under a Federal or other crop insurance policy.
- Acres used to raise certified organically produced crops.
- Acres of short-rotation woody crops in production and harvested.
- Gallons of maple syrup produced.
- Acres of individual vegetables harvested for processing.
- Grain storage capacity.

Items listed separately on the 2002 report form that were reported in conjunction with similar crop items on the 1997 report form include:

- Upland cotton and Pima cotton replaced total cotton.
- Peppermint and Spearmint replaced total Mint for oil.
- Sunflower seed - oil varieties and Sunflower seed - non-oil varieties replaced Total Sunflower seed.
- Haylage or greenchop from alfalfa or alfalfa mixtures and All other haylage, grass silage, and greenchop replaced Grass silage, haylage, and greenchop.
- Vegetable seeds and Flower seeds replaced Vegetable and flower seeds.
- Aquatic plants were listed separately and are no longer included in Other nursery and greenhouse items.
- Lettuce and romaine were listed separately as Head lettuce, Leaf lettuce, and Romaine lettuce
- Acres of individual fruits, nuts, and vines were collected by total, bearing, and nonbearing acres but the number of bearing and nonbearing trees is no longer collected.
- Oranges were divided into Valencia oranges and Other oranges, including Navel.
- Loganberries were listed separately and are no longer included in Other berries.

Items combined with another item(s) on the 2002 report form that were reported individually on the 1997 report form include:

- Sorghum cut for dry forage or hay was included with Other field and forage crops.
- Sorghum hogged or grazed was included with Other field and forage crops.
- Grapes replaced Grapes, dry weight and Grapes, fresh weight.

## Livestock and Poultry Data Changes

Deleted items include:

- Litters of hogs farrowed.
- Separate data for number of feeder pigs sold.
- Incubator egg capacity.
- Number of sheep and lambs shorn.
- Gallons of goat milk sold.

Added items include:

- Type of hog and pig operation, i.e. farrow to wean, farrow to feeder, etc.
- Type of hog and pig producer, i.e. independent grower, contractor or integrator, contract grower (contractee).
- Inventory of Cattle on feed.

Items listed individually in the 2002 report form that were reported in conjunction with similar livestock or poultry items on the 1997 report form include:

- Emus and Ostriches were listed as separate items and are no longer reported as Other poultry.
- Llama, Bison, Deer, and Elk were listed as separate items and are no longer reported as Other livestock and livestock products.
- Other food fish, Baitfish, Crustaceans, Mollusks, Ornamental fish, and Sport or game fish were listed as separate items and are no longer reported as Other fish or Other aquaculture products.

Items combined with another item(s) on the 2002 report form that were reported individually on the 1997 report form include:

- Number of heifers and heifer calves and number of Steers, steer calves, bulls, and bull calves were combined into one category called Other Cattle.
- Pullets 13 weeks old to 19 weeks old and Pullet

chicks and pullets less than 13 weeks old were combined into one category called Pullets for laying flock replacement.

- Turkeys for slaughter and Turkey hens kept for breeding were combined into one category called Turkeys.
- Number of farms with Goat milk sold was included with Other livestock products.
- Number or pounds of crawfish sold was included in crustaceans.
- Number or pounds of hybrid-striped bass sold was included with Other food fish.

### **Economic, Land Use, and Operator Characteristics Data Changes**

Deleted items include:

- Use and type of grazing permit.
- Gross value of sales for cattle fattened on grain or concentrates.
- Gross value of sales for feeder pigs.
- Gross value of sales for individual nursery and greenhouse items.
- Separate data for commercially mixed formula feed expenditures.
- Number of motortrucks and number of mower conditioners.
- Farm-related injuries and deaths.

Added items include:

- Number of self-propelled forage harvesters.
- Question that identifies hired or contract workers as migrant workers.
- Production contracts, including units of the commodity raised and delivered and payments received from the contractor.

- Information on which input items contractors provided (feeder livestock and poultry, feed, fertilizer and lime, chemicals, supplies, fuels, utilities, veterinary services, breeding livestock, and seed). However, tabulations of these individual items were not published. They were used in the calculation of Net cash farm income.
- Value of certified organically produced commodities.
- Money received for participation in other Federal farm programs. On the 1997 report form, this information was derivable by subtraction from other information provided by respondents.
- Questions relating to use of American Indian Reservation land for production of crops and livestock, e.g. total acres used, acres of cropland harvested, and percent of operation's livestock on the reservation. These questions only appeared on the regions 8 and 10 report forms and data are tabulated in the 2002 Census of Agriculture Specialty Products, Part 1, American Indian Reservations - Montana, North Dakota, and South Dakota Pilot Project.
- Total number of all operators on the operation.
- Total number of women operators on the operation.
- Demographic items for up to three operators per farm.
- Number of persons living in the operators' households.
- Percent of principal operator's total household income from the agricultural operation.
- Number of households sharing in the net farm income derived from the operation.
- Questions about computer use and Internet access.
- Questions to identify whether the principal operator is a hired manager.

Items listed individually on the 2002 report form that

were reported in conjunction with similar items on the 1997 report form include:

- Patronage dividends were collected separately from Other farm-related income.
- Production expenses for Livestock and poultry purchased were divided into Breeding livestock, regardless of age, and All other livestock and poultry purchased.
- Partnerships were asked to report whether they were registered under state law.
- Asian or Pacific Islander was broken into two separate categories.

Items combined with another item(s) on the 2002 report form that were reported individually on the 1997 report form include:

- Cropland idle or used for cover crops or soil-improvement, but not harvested and not pastured or grazed combined Cropland idle and Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.
- Gross value of sales of several items were combined. These include:
  - ▶ Individual grains (e.g. corn, rice, wheat, etc.), dry beans and peas, flaxseed, popcorn, safflower, sunflower seed, and rye were combined into one category called Grains, oilseeds, dry beans, and dry peas.
  - ▶ Hay, silage, field seeds, and grass seeds (excluding grain silage and forage) were combined with Other crops to form a value of sales category called Other Crops and Hay.
  - ▶ Individual nursery and greenhouse items were combined into one category called Nursery, greenhouse, floriculture, and sod.
  - ▶ Sales of cut Christmas trees was combined with value of short-rotation woody crops. Cut Christmas trees was a separate nursery sale item and short-rotation woody crops was collected in Other nursery crops in 1997.

- ▶ Calves weighing less than 500 pounds sold and Cattle including calves weighing 500 pounds or more sold were combined into one category called Cattle and calves sold.
- ▶ Angora goats and mohair, Milk goats and their milk, Other goats, and Sheep, lambs, and wool sold were combined into one category called Sheep, goats, and their products sold.
- ▶ Horses and ponies of all ages sold and Mules, burros, and donkeys sold were combined into one category called Horses, ponies, mules, burros, and donkeys.
- ▶ Colonies of bees and honey, Mink and their pelts, and Rabbits and their pelts sold were combined into one category called Other animals and other animal products sold.
- Dollars received from Government CCC loans by individual commodity (corn, wheat, sorghum, canola, rice, etc.) were combined into one category called Total amount received in 2002 from Government CCC loans for all crops.
- Production expenses for Gasoline and gasohol, Diesel fuel, Natural gas, and LP gas, fuel oil, kerosene, motor oil, grease, etc. were merged into one category called Gasoline, fuels, and oils purchased for the farm business.

## DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a detailed description of specific terms and phrases used in this publication. Items in the publication tables which carry the note “See text” also are explained. For an exact wording of the questions on the 2002 report forms and the information sheet which accompanied these forms, see Appendix D. Many of the definitions and explanations are the same as those used in earlier censuses.

**Acres and quantity harvested.** Crops were reported in whole acres, except for the following crops that were reported in tenths of acres: potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, nursery and greenhouse crops in the open; in Hawaii, taro, ginger

root, and lotus root; and in Wisconsin and Michigan, ginseng. Totals for crops reported in tenths of acres were rounded to whole acres at the aggregate level during the tabulation process. Nursery and greenhouse crops grown under glass or other protection were reported in square feet and are published in square feet.

If two or more crops were harvested from the same land during the year, the acres were counted for each crop. Therefore, the total acres of all crops harvested generally exceeded the acres of cropland harvested. An exception to this procedure was hay crops.

When more than one cutting of hay was taken from the same acres, the acres were counted only once but the quantity harvested included all cuttings. Acreage cut for both dry hay and haylage, silage, or greenchop was reported for each crop. For interplanted crops or “skip-row” crops, acres were reported according to the portion of the field occupied by each crop. If a crop was interplanted in an orchard or vineyard and harvested, then the entire orchard or vineyard acreage was reported under the appropriate fruit crop and the interplanted estimated crop acreage was reported under the appropriate crop.

If a crop was planted but not harvested, the acres were not reported as harvested. These acres were reported in the “land” section on the report form under the appropriate cropland items – cropland used only for pasture or grazing, cropland on which all crops failed or were abandoned, cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed, or cropland in cultivated summer fallow. This does not include fruit and nut orchards and vineyards that were not harvested. All land in orchards was reported as cropland harvested.

Crops that were only hogged or grazed, were reported as “cropland used only for pasture or grazing.” Crop residue left in fields after harvest and later hogged or grazed was not reported as cropland used only for pasture or grazing, but reported as cropland harvested.

Quantity harvested was not obtained in 2002 for crops such as fruits and nuts, berries, vegetables and melons, and nursery and greenhouse crops.

Acres of land in bearing and nonbearing fruit orchards,

citrus or other groves, vineyards, and nut trees were reported as harvested cropland, regardless of whether the crop was harvested or failed. Abandoned orchards were reported as cropland idle, not as harvested cropland, and the individual abandoned orchard crop acres were not reported.

**Age of operator.** See Operator characteristics; Farms by age and primary occupation of operator.

**All (multiple) operators.** See Operators, all (multiple).

**American Indian and Alaska Native farm operators, total.** This category was previously labeled American Indian farm operators, however, Alaska Native operators were counted in this category as well. Data are reported in Table A of Appendix B. Unlike the race data reported in Chapter 1, Table 52 and Chapter 2, Table 43, these data include all operators who selected the American Indian or Alaska Native race category on the report form, regardless of whether they also checked another race category. The data also include the number of operators who did not report individually, but were counted on a supplemental report form from American Indian reservations.

**Aquaculture.** The number and pounds sold and value of sales include aquaculture items sold or moved by commercial farms and by state and Federal hatcheries. These hatcheries primarily distribute fish for restoration, conservation, and recreational purposes and receive no payment. Values based on sales of farm-raised fish were assigned to distributed fish. The methodology used to collect and tabulate the information for the 2002 census was unchanged from 1997. However, the coverage of state and Federal fish hatcheries improved in 2002, so a direct comparison of data between 1997 and 2002 may not be possible.

**Baitfish.** This is a new category for 2002. These are fish used for bait. Examples include chubs, fathead minnows and other types of minnows, feeder goldfish, golden shiners, killifish, and suckers.

**Bees.** See Colonies of bees and honey.

**Canola.** This is the total of canola (edible rapeseed) and industrial rapeseed. In 1997 this category was

referred to as “Canola and other rapeseed.” This is only a wording change; all data are comparable.

**Cattle on feed (COF) inventory.** This is a new item for the 2002 census. In the 1997 census, cattle on feed was only reported as a sales item, not an inventory item. COF is defined as cattle and calves being fed a grain or concentrate ration (for the slaughter market) which is expected to produce a carcass that will grade select or better.

**Certified organically produced commodities.** See Value of certified organically produced commodities.

**Chemicals.** For each type of chemical used, the acres treated were reported only once even if the acres were fertilized or treated more than once. If multi-purpose chemicals were used, the acres treated for each purpose were reported. See Total farm production expenses; *Chemicals*.

**Cherries.** In the 2002 census, cherries were reported as either Sweet cherries or Tart cherries. Combined crops or non-specified cherry acres were not options for the respondent. Total acres were reported by crop, and the total acreage classified into bearing acres and nonbearing acres on the operation. Production, yield, irrigated acres by crop, and tree numbers were not collected. In the 1997 census, cherries were reported as sweet cherries, tart cherries, or nonspecific cherries depending on the region.

**Christmas trees, cut.** Data are for acres of Christmas trees - cut or to be cut - in production and number of trees cut. They were reported as woodland crops. In the 1997 census, cut Christmas trees were reported as a nursery and greenhouse crop. Data are not comparable.

**Christmas trees, live.** Data were reported as nursery stock and are Christmas trees sold live from the operation.

**Citrus enumeration.** Reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been conducted since 1969 because of the difficulty identifying and enumerating absentee grove owners

who often do not know the information that is needed to adequately complete the report form.

Two significant changes were implemented in the 2002 Citrus Caretakers Survey. First, enumeration activities were completed after harvest to facilitate the accuracy of reported data. Second, grove owners were counted as operators for farm count purposes. Citrus caretakers were perceived as performing an agricultural service for grove owners and were not considered agricultural operators if they provided only services to grove owners. Caretakers were counted as agricultural operators if they managed land owned by the grove care company in addition to providing services for grove owners. Data provided by caretakers were prorated to owners based on acreage and were transcribed onto the respective owner’s census report form.

In the 2002 census, 12 caretakers in Arizona reported 78 grove owners having 12,500 acres of citrus, 135 caretakers in Florida reported 2,400 grove owners having 232,000 acres of citrus, and 14 caretakers in Texas reported 351 grove owners having 14,500 acres of citrus.

**Coffee.** Data were collected only in Hawaii. In the 2002 census, data for total acres, bearing acres, and nonbearing acres were collected. Quantity produced was not collected. In the 1997 census, data included total acres, number of bearing trees, number of nonbearing trees, and pounds harvested.

**Colonies of bees and honey.** In the 2002 census, colonies of bees were tabulated in the county where the owner of the colonies largest value of agricultural products was raised or produced. In the 1997 census, colonies were tabulated in the county where the colonies were located. Colonies are often moved from farm to farm over a wide geographic area. Package bees are not included as separate colonies.

**Commodities raised and delivered under production contract.** A production contract is an agreement between a grower and a contractor that specifies the grower will raise an agricultural commodity and the contractor (integrator) will provide certain inputs such as feed, fertilizer, etc. The grower receives a payment or fee from the contractor, generally after delivery, which is usually less than the

full market price of the commodity. The contractor takes possession of the raised commodity at the end of the growing period. Marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price are not considered production contracts. Commodities sold to a co-op where some of the input items were purchased from the same co-op at a discount price were also excluded. Many operations produce only under production contracts or only independently. Some hog operations may produce hogs under production contract and also produce hogs that they sell independently. In the hogs tables, these farms and their inventories are shown under both categories.

**Commodity Credit Corporation loans.** This category includes nonrecourse marketing loans for wheat, corn, grain sorghum, barley, oats, cotton, rice, soybeans, graded wool, non-graded wool, mohair, honey, dry peas, lentils, small chickpeas, sunflower seed, flaxseed, canola, rapeseed, safflower seed, mustard seed, crambe and sesame. These commodities differ from those included in the 1997 census due to changes created by the 2002 Farm Bill.

**Conservation Reserve Programs or Wetlands Reserve Programs.** See Land enrolled in the Conservation Reserve Programs (CRP) or Wetlands Reserve Programs (WRP).

**Crop units of measure - field crops.** The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in units different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

**Crop year or season covered.** Acres and quantity harvested are for the calendar year 2002 except for citrus crops and sugarcane for sugar in Florida and Texas; avocados in Florida and California; olives in California; and pineapples in Hawaii.

1) *Avocados.* The data for Florida relate to the quantity in the April 2002 through March 2003 harvest season; and for California, the November 2001 through November 2002 harvest season.

2) *Citrus crops.* The data for Florida and Texas relate

to the quantity harvested in the September 2001 through August 2002 harvest season, except limes in Florida that were harvested in the April 2002 through March 2003 harvest season. The data for California and Arizona relate to the 2001 through 2002 harvest season.

3) *Olives.* The data for California relate to the September 2001 through March 2002 harvest season.

4) *Pineapples.* The data for Hawaii relate to the quantity harvested in the year ending May 31, 2002.

5) *Sugarcane for sugar.* The data for Florida relate to the cuttings from November 2001 through April 2002; and for Texas, the cuttings from October 2001 through April 2002.

**Cropland, harvested.** See Harvested cropland.

**Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed.** This is a new category for 2002. Cropland idle and cropland used for cover crops or soil improvement but not harvested and not grazed were two separate categories in the 1997 census.

**Cropland, irrigated.** See Irrigated land.

**Cropland, other.** See Other cropland.

**Cropland, total.** See Total cropland.

**Cropland used only for pasture or grazing.** This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Also included were acres of crops hogged or grazed but not harvested prior to grazing. However, cropland that was pastured before or after crops were harvested was included as harvested cropland rather than cropland for pasture or grazing.

**Crustaceans.** These are invertebrate animals with many jointed legs and a hard external shell. Examples include crawfish, prawns, shrimp, and softshell crabs. This is a new category for 2002.

**Customwork income.** See Total income from farm-related sources, gross before taxes and expenses - *Customwork and other agricultural services.*

**Customwork and custom hauling.** See Total farm production expenses - *Customwork and custom hauling*.

**Cut Christmas trees.** See Christmas trees, cut.

**Data are based on sample of farms.** For censuses since 1978, selected data items were collected from only a sample of farms. These data are subject to sampling error. For the 2002 census, the sample report form was distributed to approximately 21-percent of all farms, including all large and specialized farms (based on expected sales or acres) and all farms in Alaska and Rhode Island. Sections 17 through 21 of the sample report form included questions on production expenses, fertilizer and chemical applications, machinery and equipment, market value of land and buildings, and farm labor.

**Depreciation expenses claimed.** This is a new item for 2002. The calculation of total farm production expenses does not include depreciation because it is a capital expense. Depreciation allows the expensing of capital purchases over multiple years. It is not included in the calculation of Net cash farm income of the operation and operator.

**Expenses.** See Total farm production expenses.

**Farms by age and primary occupation of operator.**

Data on age and primary occupation were obtained from up to three operators per farm in 2002. The primary occupation classifications used were:

- *Farming.* The operator spent 50-percent or more of his/her worktime during 2002 at farming or ranching.
- *Other.* The operator spent more than 50-percent of his/her worktime during 2002 at occupations other than farming or ranching. Also, operators who spent the majority of their worktime working for another agricultural operation for wages were included in this classification.

The proportion of principal operators claiming “Farming or ranching” as their primary occupation in 2002 increased significantly since 1997. While there were demographic changes that support this increase, there is a concern that a 2002 report form design

change may have also contributed to it. To reduce wording, the definition of “primary occupation” was not printed on the 2002 report form. It was presumed to be self-explanatory. Some respondents may have checked the “yes” box by Farm or ranch operator without understanding that it meant they were reporting their primary occupation.

Changes in the average age of the farm operator tend to support the increase in the farming occupation proportion. When compared with 1997 results, the average age of farmers increased significantly in 2002.

Older operators may be “retired” (with little if any sales) and still report farming as their primary occupation since they often have limited opportunity for off-farm jobs.

**Farms by combined government payments and market value of agricultural products sold.**

This category represents the value of products sold plus Government payments. Total value of products sold combines total sales not under production contract and total sales under production contract. Government payments consist of government payments received from the Conservation Reserve Programs (CRP) and Wetlands Reserve Programs (WRP) plus government payments received from federal programs other than the CRP, WRP, and Commodity Credit Corporation loans. See Total market value of agricultural products sold and government payments.

**Farms by economic class of farm.** This is a new term for 2002. It is a combination of the market value of agricultural products sold and federal farm program payments. In the 1997 census, comparable data were published under the heading Combined government payments and market value of agricultural products sold. See Total market value of agricultural products sold and government payments.

**Farms by North American Industry Classification System (NAICS).**

The NAICS classifies economic activities. It was jointly developed by Mexico, Canada, and the U.S. NAICS makes it possible to produce comparable industrial statistics for Mexico, Canada, and the U.S. For the 2002 census, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity or activities using the NAICS code. The 2002 census is the second census to use NAICS. Censuses



prior to the 1997 census used the old Standard Industrial Classification (SIC) system to classify farms.

NAICS was developed to provide a consistent framework for the collection, analysis, and dissemination of industrial statistics used by government policy analysts, academia and researchers, the business community, and the public. It is the first industry classification system that was developed in accordance with a single principle of aggregation that production units using similar production processes should be grouped together. Though NAICS differs from other industry classification systems, statistics compiled on NAICS are comparable with statistics compiled according to the latest revision of the United Nations' International Standard Industrial Classification (ISIC, Revision 3) for some sixty high level groupings. Following are explanations of the major classifications used in 2002.

*Oilseed and grain farming (1111).* Comprises establishments primarily engaged in (1) growing oilseed and/or grain crops and/or (2) producing oilseed and grain seeds. These crops have an annual life cycle and are typically grown in open fields. This category includes corn silage and grain silage. In the 2002 census, government-payment only farms were classified as "All other crop farming" (11199). In the 1997 census, government-payment only farms were coded as "All other grain farming" (11119).

*Vegetable and melon farming (1112).* Comprises establishments primarily engaged in one or more of the following: (1) growing vegetables and/or melon crops, (2) producing vegetable and melon seeds, and (3) growing vegetable and/or melon bedding plants.

*Fruit and tree nut farming (1113).* Comprises establishments primarily engaged in growing fruit and/or tree nut crops. These crops are generally not grown from seeds and have a perennial life cycle.

*Greenhouse, nursery, and floriculture production (1114).* Comprises establishments primarily engaged in growing crops of any kind under cover and/or growing nursery stock and flowers. "Under cover" is generally defined as greenhouses, cold frames, cloth houses, and lath houses. Crops grown are removed at various stages of maturity and have annual and

perennial life cycles. The category includes short-rotation woody crops, such as Christmas trees, that have a growing and harvesting cycle of 10 years or less.

*Other crop farming (1119).* Comprises establishments primarily engaged in (1) growing tobacco, cotton, sugarcane, hay, sugarbeets, peanuts, agave, herbs and spices, and hay and grass seeds, or (2) growing a combination of the valid crops with no one crop or family of crops accounting for one-half of the establishment's agricultural production (value of crops for market). Crops not included in this category are oilseeds, grains, vegetables and/or melons, fruits, tree nuts, greenhouse, nursery and/or floriculture products. In the 1997 census, government payment only farms were coded as "Other grain farming" (11119). In the 2002 census, government payments only farms were classified as "All other crop farming" (11199).

*Tobacco farming (11191).* Comprises establishments primarily engaged in growing tobacco.

*Cotton farming (11192).* Comprises establishments primarily engaged in growing cotton.

*Sugarcane farming (11193).* Comprises establishments primarily engaged in growing sugarcane.

*Hay farming (11194).* Comprises establishments primarily engaged in growing hay such as alfalfa, clover, and/or mixed hay.

*All other crop farming (11199).* Compromises establishments primarily engaged in (1) growing crops (except oilseeds and/or grains; vegetables and/or melons; fruits and/or tree nuts; greenhouse, nursery, and/or floriculture products; tobacco; cotton; sugarcane; or hay) or (2) growing a combination of crops (except a combination of oilseed(s) and grain(s)); and a combination of fruit(s) and tree nut(s)) with no one crop or family of crops accounting for one-half of the establishment's agricultural production.

*Beef cattle ranching and farming (112111).* Comprises establishments primarily engaged in raising cattle (including cattle for dairy herd replacements). Farms having 100 acres or more of total pastureland were coded as "Beef cattle ranching and farming,

including feedlots” (11211) in the 1997 census. In the 2002 census, pastureland-only farms, those with only 100 or more acres of pastureland, were classified as “All other animal production farming” (11299).

*Cattle feedlots (112112).* Comprises establishments primarily engaged in feeding cattle for fattening.

*Dairy cattle and milk production (11212).* Comprises establishments primarily engaged in milking dairy cattle.

*Hog and pig farming (1122).* Comprises establishments primarily engaged in raising hogs and pigs. Activities may include breeding, farrowing, and the raising of weaner pigs, feeder pigs, or market size hogs.

*Poultry and egg production (1123).* Comprises establishments primarily engaged in breeding, hatching, and raising poultry for meat or egg production.

*Sheep and goat farming (1124).* Comprises establishments primarily engaged in raising sheep, lambs, and goats, or feeding lambs for fattening.

*Animal aquaculture (1125).* Comprises establishments primarily engaged in the farm raising of finfish, shellfish, or any other kind of animal aquaculture. These establishments use some form of intervention in the rearing process to enhance production, such as holding in captivity, regular stocking, feeding, and protecting from predators.

*Other animal production (1129).* Comprises establishments primarily engaged in raising animals and insects (except cattle, hogs and pigs, poultry, sheep and goats, and aquaculture) for sale or product production. These establishments are primarily engaged in one of the following: bees, horses and other equine, rabbits and other fur-bearing animals, etc, and producing products such as honey and other bee products. Establishments primarily engaged in raising a combination of animals with no one animal or family of animals accounting for one-half of the establishment’s agricultural production (i.e., value of animals for market) are included in this industry group. In the 1997 census, farms with 100 acres or more of total pastureland-only were coded as “Beef cattle

farming” (112111) in the 1997 census. In the 2002 census, 100 acres or more of pastureland-only farms were classified as “Other animal farming” (1129).

**Farms by size.** All farms were classified into size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered part of the tenant’s farm and not part of the owner’s.

**Farms by tenure of operator.** All farms were classified by tenure of operators in the 2002 census. The classifications used were:

- Full owners operated only land they owned.
- Part owners operated land they owned and also land they rented from others.
- Tenants operated only land they rented from others or worked on shares for others.

Farms with hired managers are classified according to the land ownership characteristics reported. For example, a corporation owns all the land used on the farm and hires a manager to run the farm. The hired manager is considered the farm operator, and the farm is classified with a tenure type of “full owner” even though the hired manager owns none of the land he/she operates.

**Farms by total value of sales.** See Market value of agricultural products sold.

**Farms by type of organization.** All farms were classified by type of organization in the 2002 census. The classifications used were:

- Individual or family (sole proprietorship), excluding partnership and corporation.
- Partnership, including family partnership - further subclassified into the following two categories:
  1. Registered under state law.
  2. Not registered under state law.

- Corporation, including family corporations - further subclassified into the following two categories:
  1. Family held or other than family held.
  2. More than 10 stockholders.
- Other, cooperative, estate or trust, institutional, etc.

**Farms or farms reporting.** The terms “farms” and “farms reporting” in the presentation of data are equivalent. Both represent the number of farms reporting the item. For example, if there are 3,710 farms in a state and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves	farms . . .	842
	number .	28,594

**Farm or ranch operator.** See Operator characteristics, and/or Farms by age and primary occupation of operator.

**Farms with sales and government payments of less than \$1,000.** This category includes farms with combined sales and governments payments of less than \$1,000 but having the potential for sales of \$1,000 or more. In this category, government payments were included in calculating that potential. It provides information on all items for farms that normally would be expected to sell agricultural products of \$1,000 or more but had sales and government payments of less than \$1,000.

**Farms with sales of less than \$1,000.** This category includes farms with sales of less than \$1,000 but having the potential for sales of \$1,000 or more. Some of these farms had no sales in the census year. It provides information on all report form items for farms that normally would be expected to sell agricultural products of \$1,000 or more.

**Fertilizer.** See Total farm production expenses - *Fertilizer, lime, and soil conditioners.*

**Floriculture crops.** Data represent total of bedding/garden plants, cut flowers and cut florist greens, foliage plants, and potted flowering plants.

**Forage - land used for all hay and all haylage, grass silage, and greenchop.** Data shown represent the area harvested with each acre counted only once if both dry hay and haylage, grass silage, or greenchop were cut from the same acreage or if there were multiple cuttings of dry hay or haylage, grass silage, or greenchop. Forage production is the sum of the quantity harvested of all hay including alfalfa, other tame, small grain, and wild hay and all haylage, grass silage and greenchop after converting the all haylage, grass silage, and greenchop quantity harvested to a dry equivalent basis (13-percent moisture). The green tons of all haylage, grass silage, and greenchop harvested were multiplied by a factor of 0.4943 to convert to a dry equivalent.

The conversion factor of 0.4943 is based on the assumption that one ton of dry hay is 0.87 ton of dry matter, one ton of haylage or grass silage is 0.45 ton dry matter, and one ton of greenchop is 0.25 ton dry matter. The all haylage, grass silage, and greenchop quantity harvested is assumed to be comprised of 90-percent haylage and grass silage and 10-percent greenchop. Therefore, the conversion factor used to adjust all haylage, grass silage, and greenchop quantity harvested to a dry equivalent basis =  $[(0.45*0.9)+(0.25*0.1)]/0.87 = 0.4943$ .

**Fruits and nuts.** In the 2002 census, total acres, bearing acres, and nonbearing acres were collected. In the 1997 census, total acres, number of bearing trees or vines and nonbearing trees or vines, and quantity harvested were collected.

**Government payments.** This category consists of direct cash payments received by the farm operators in 2002. It includes disaster payments, loan deficiency payments from prior participation, payments from Conservation Reserve Programs (CRP), the Wetlands Reserve Programs (WRP), other conservation programs, and all other federal farm programs under which payments were made directly to farm operators. Commodity Credit Corporation (CCC) proceeds and federal crop insurance payments were not tabulated in this category.

**Grain and bean combines.** In the 2002 census, data were collected for self-propelled combines only. In the 1997 census, data were collected for all types of combines. Data are not directly comparable.

**Grain storage capacity.** This is a new item for the 2002 census. Data include the capacity of all storage structures normally used to store whole grains or oilseeds. These structures can be silos, bins, buildings, trailers, etc. The capacity or usage of any off-farm public or commercial storage facilities was excluded.

**Grains, oilseeds, dry beans, and dry peas sales.** Data are for the total market value of cash grains sold, including corn for grain or seed, wheat for grain, soybeans for beans, sorghum for grain or seed, oats for grain, and other grains and the value of corn silage and sorghum silage. Also included is the total market value of cash oilseeds sold, including sunflower seed (oil and non-oil), flaxseed, canola, rapeseed, safflower seed, mustard seed, dry beans, and dry peas. In the 1997 census, the value of corn silage and sorghum silage were included with hay. Data are not comparable.

**Harvested cropland.** This category includes land from which crops were harvested and hay was cut, and land used to grow short-rotation woody crops, land in orchards, citrus groves, Christmas trees, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once. Land in tapped maple trees was included in woodland not pastured. The 1997 census definition for harvested cropland was the same as the 2002 definition. Short-rotation woody crops were not explicitly referenced in the 1997 census definition, but were included as “Other nursery and greenhouse crops.”

**Hay - all hay including alfalfa, other tame, small grain, and wild.** Data shown represent the acreage and quantity harvested of all types. The quantity harvested was reported in dry tons (dry weight at the time the hay was removed from the field for storage or feeding). If two or more cuttings of dry hay were made from the same field, the acreage was reported only once as acres harvested of the appropriate dry hay category, but the production from all cuttings was combined in the corresponding quantity harvested. Straw acreage and production is excluded.

If dry hay was cut from the same land that haylage, grass silage, or greenchop was cut, the acreage and production for the dry hay was reported in the appropriate category of dry hay and the acreage and production for haylage, grass silage, or greenchop was

reported in the appropriate haylage, grass silage, or greenchop category. For example, if 20 acres of alfalfa were cut for hay and then the same land was used to produce alfalfa haylage, 20 acres and the quantity harvested of hay were reported as Alfalfa and Alfalfa mixtures for dry hay and 20 acres and the quantity harvested of alfalfa haylage were reported as Haylage or greenchop from alfalfa or alfalfa mixtures.

**Hay, other tame dry hay.** Data shown represent acreage and dry tons of hay harvested from clover, fescue, lespedeza, timothy, Bermuda grass, Sudangrass, sorghum hay, and other types of legume (excluding alfalfa) and tame grasses (excluding small grains).

**Hay, wild dry.** Data shown represent acreage and dry tons of hay harvested that was predominately wild or native grasses, even if it had some fill-in seeding of other grasses.

**Haylage, grass silage, and greenchop, all.** Data shown represent the acreage and quantity harvested of all types (alfalfa and all other). The quantity harvested was reported in green tons. If two or more cuttings of haylage, grass silage, or greenchop were made from the same field, the acreage was reported as acres harvested in the appropriate haylage category only once, and the tonnage from all cuttings was combined in the corresponding quantity harvested. Straw acreage and production is excluded.

**Herbs, fresh cut.** This item does not include herbs dried or otherwise processed.

**Hired farm labor.** Data are for total hired farm workers, including paid family members, by number of days worked.

**Hogs and pigs by type of operation.** Hog and pig farms were classified by type of operation in 2002. Operation types were farrow to wean, farrow to feeder, farrow to finish, nursery, finish only, and other. Multiple operation type descriptions were applicable for some respondents. More than one operation type description was accepted and the reported inventory and sales data were assigned to each reported type. The inventory and sales data in Chapter 1, Tables 25 and 26 may not match the inventory and sales data in other publication tables for this reason. Any operation

type reported other than those specified in Tables 25 and 26 was not published.

**Hogs and pigs by type of producer.** Hog and pig farms were classified by type of producer in 2002. Producer types were independent grower, contractor or integrator, and contract grower (contractee). Multiple producer type descriptions were applicable for some respondents. More than one producer type description was accepted and the reported inventory and sales data were assigned to each reported type. The inventory and sales data in Chapter 1, Tables 23 and 24 may not match the inventory and sales data in other publication tables for this reason.

**Honey.** In the 2002 census, pounds of honey produced were tabulated. In the 1997 census, pounds of honey sold were tabulated.

**Income.** In the 2002 census, total income of the operation was distributed into three components: the operators, the landlords, and the contractors. The total net cash farm income of the operation is similar to the net cash returns published for the 1997 census. The difference between net cash income and net cash returns is that net cash returns did not include government payments and other farm-related income as income. Only net cash farm income of the operation and net cash farm income of the operators are published in 2002. This income component of the contractor was parameter generated and therefore is not published. To effectively suppress it, it is also necessary to not publish the landlord component. See Net cash farm income of the operation or Net cash farm income of the operator.

**Income from farm-related sources.** See Total income from farm-related sources, gross before taxes and expenses.

**Institutional, Research, Experimental, and American Indian Reservation Farms.** Institutional, research, and experimental farms were previously called abnormal farms. In the 2002 census, these farms were combined with Indian Reservation farms into one category. Research farms include farms operated by private companies as well as those operated by universities, colleges, and government organizations for the purpose of expanding agricultural knowledge.

**Irrigated land.** This category includes all land watered by any artificial or controlled means, such as sprinklers, flooding, furrows or ditches, sub-irrigation, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was counted only once regardless of the number of times it was irrigated or harvested. Livestock lagoon waste water distributed by sprinkler or flood systems was also included.

**Land area, approximate.** The approximate land area represents the total land area as determined by records and calculations as of January 1, 2000. The proportion of land area in farms may exceed 100-percent because some operations have land in two or more counties, but all acres are tabulated in the principal county of operation. The approximate land area data were supplied by the U.S. Department of Commerce, Bureau of the Census. Also see Location of agricultural activity.

**Land enrolled in Federal or other crop insurance programs.** The 2002 census collected information on the number of acres under Federal or other crop insurance policies for the first time. Crop insurance protects farmers from crop losses due to natural hazards. It is underwritten by the Risk Management Agency of the U.S. Department of Agriculture and sold by private firms and insurance agents. Crop insurance is also available in selected states for rangeland/pastureland. In some instances, cropland insured exceeds available cropland because in some states pasture land is insured and included.

**Land enrolled in the Conservation Reserve Programs (CRP) or Wetland Reserve Programs (WRP) program.** The CRP is a program established by the USDA in 1985 that takes land prone to erosion out of production for 10 to 15 years and devotes it to conserving uses. In return, farmers receive an annual rental payment for carrying out approved conservation practices on the conservation acreage. The WRP is a voluntary program that offers landowners financial incentives to enhance wetlands in exchange for retiring marginal agricultural land. To be eligible, land must be restorable and provide significant wetland and wildlife habitat. The program offers landowners three options: permanent easements, 30-year easements, and restoration cost-share agreements of a minimum 10-year duration.

For the 2002 census, operations with land enrolled in the CRP or WRP were counted as farms, given they received \$1,000 or more in government payments, even if they had no sales and otherwise lacked the potential to have \$1,000 or more in sales.

**Land in berries harvested for sale.** Total acres harvested for berries was collected as a combined category in all states in the 2002 census. In the 1997 census, it was a summation of the individual types of berries reported.

**Land in farms.** The acreage designated as “land in farms” consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator’s total operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the edit process. Land in farms includes acres in the Conservation Reserve and Wetlands Reserve Programs.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as “land in farms” provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was reported by the grazing association and included as land in farms. All land in American Indian reservations used for growing crops or grazing livestock was included as land in farms. Land in reservations not reported by individual American Indians or non-Native Americans was reported in the name of the cooperative group that used the land. In many instances, an entire American Indian reservation was reported as one farm.

**Land in orchards.** This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of fewer than 20 total fruit, citrus, or nut trees or grapevines.

**Land in two or more counties.** With few exceptions,

the land in each farm was tabulated as being in the operator’s principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. Reports received showing land in more than one county were separated into two or more reports if the data would substantially distort county totals.

**Land used for vegetables.** Data are for the total land used for vegetable and melon crops. The acres were reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

**Land used to raise certified organically produced crops.** This is a new item in the 2002 census. Certified organic crops are those that are certified by a Federal, state, or private certification agency. The count of farms producing certified organic crops may differ from that found in other sources because this item is self reported by respondents. No attempt was made to verify reports with certifying organic organizations. The acres reported in this item must be less than or equal to the acres reported as cropland harvested for each operation.

**Landlord’s share of the total sales.** This is a new item for the 2002 census. This is the percentage of the operation’s sales that goes to the landlords.

**Layers 20 weeks old and older.** This category includes layer hens in molt and other layer hens and pullets 20 weeks old and older.

**Location of agricultural activity.** The county in which the largest value of an operator’s agricultural products were raised or produced is the county in which the reported farm or ranch data were tabulated.

**Maple syrup.** Maple syrup production is a new item for the 2002 census. In the 1997 census, acres of tapped maple trees and number of taps were published. In 2002 number of taps and gallons of syrup produced are published. Acres of tapped maple trees are included in woodland not pastured.

**Market value of agricultural products sold.** This

category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 2002 regardless of who received the payment. It is equivalent to total sales. It includes sales by the operators as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. The value of commodities placed in the Commodity Credit Corporation (CCC) loan program is included in this figure. Market value of agricultural products sold does not include payments received for participation in other federal farm programs. Also, it does not include income from farm-related sources such as customwork and other agricultural services, or income from non-farm sources.

The value of crops sold in 2002 does not necessarily represent the sales from crops harvested in 2002. Data may include sales from crops produced in earlier years and may exclude some crops produced in 2002 but held in storage and not sold. For commodities such as sugarbeets and wool sold through a co-op that made payments in several installments, respondents were requested to report the total value received in 2002.

The value of agricultural products sold was requested of all operators. If the operators failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory, or number sold. Caution should be used when comparing sales in the 2002 census with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation. The value of sales of some crops and of some livestock and animal specialties were asked separately in the 1997 census and were combined into categories in the 2002 census as follows:

- individual grain crops were combined.
- hay, silage, field seeds, and grass seeds (excluding grain silage and forage) were combined with other crops.
- individual nursery and greenhouse items were combined.
- sales of cut Christmas trees was combined with value of short-rotation woody crops.

- horses and ponies were combined with horses, ponies, mules, burros, and donkeys.
- colonies of bees and honey were combined with other animals and other animal products.
- milk goats and goat milk were combined with sheep, goats, and their products.
- angora goats and mohair were combined with sheep, goats, and their products.
- Other goats were combined with sheep, goats, and their products.
- mink and their pelts were combined with other animals and other animal products.
- rabbits and their pelts were combined with other animals and other animal products.

**Meat and other goats.** This is a name change only. The 1997 census name was Other goats.

**Migrant farm labor on farms.** Information on migrant workers was collected for the first time in the 2002 census. Operators were asked whether any hired or contract workers were migrant workers, defined as a farm worker whose employment required travel that prevented the migrant worker from returning to his/her permanent place of residence the same day.

**Misreported or miscoded crops.** In a few cases, data may have been reported on the wrong line, in the wrong section, or the wrong crop code may have been assigned to a write-in crop code. A few of these errors may not have been identified and corrected during processing which resulted in rare cases of inaccurately tabulated data. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

**Mollusks.** This is a new category for 2002. These are invertebrate animals with a soft body covering and shells of 1-18 parts or sections. Examples include abalones, clams, mussels, oysters, snails, and quahogs.

**More than one race reported.** This category represents those operators who chose to report more than one race on the census form. Tabulating more

than one race is new for the 2002 census. In past censuses, respondents were allowed to mark only one race. In such instances they may have chosen one particular race (ie. white) or chosen the Other category.

**Net cash farm income of the operations.** This concept is derived by subtracting total farm and farm-related expenses from total sales, government payments, and other farm-related income. Net cash farm income of the operation includes the value of commodities produced under contract by the contract growers.

For publication purposes, farms are divided into two categories:

1. Farms with net gains (includes those operations that broke even).
2. Farms with net losses.

**Net cash farm income of the operators.** This value is the operators' total revenue (fees for producing under contract, total sales not under contract, government payments, and farm-related income) minus total expenses paid by the operators. Net cash farm income of the operator removes the value of contract commodities produced and acknowledges the income the operators received for services performed for the contractor. Net cash farm income of the operators is a new concept for the 2002 census.

For publication purposes, farms are divided into two categories:

1. Farms with net gains (includes those operations that broke even).
2. Farms with net losses.

**Number of households sharing in net income of farm.** This is a new item in the 2002 census. Data were reported by the principal operator only. Households that received funds because they were only landlords, custom equipment operators, or provided other production services were not included. Published data can exceed the number of operators listed under Operators, all.

**Nursery, floriculture, vegetable and flower seed crops, sod harvested, etc., grown in the open, irrigated.** Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding/garden plants, etc., grown in the open.

**Nursery, greenhouse, floriculture, and sod value of sales.** In the 2002 census, data include sales of bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, nursery stock, live Christmas trees, tobacco transplants, sod, etc. In the 1997 census, vegetable seeds were also included. Data are not comparable.

**Nursery, greenhouse, floriculture, aquatic plants, mushrooms, flower seeds, vegetable seeds, and sod harvested, grown for sale.** In the 2002 census, data are summations of individual items reported. In the 1997 census, data were reported under nursery and greenhouse crops and included cut Christmas trees. Data are not comparable.

**Nursery stock crops.** This is a name change only. The 1997 census name was Nursery Crops.

**Occupation.** See Operator characteristics and/or Farms by age and primary occupation of operator.

**Operator.** The term operator designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For the first time, the census collected information on the total number of operators, the total number of women operators, and demographic information for up to three operators per farm. Unlike previous censuses, the number of operators does not equal the number of farms. To see how operator data were collected in 2002, refer to the census report form, Section 24, Appendix D. See Operators, all; and Operators, total.

**Operator characteristics.** In the 2002 census, operators (up to three operators per farm) were asked to report age, race, sex, place of residence, number of days worked off farm, primary occupation, year in



which his/her operation of the farm began, residence on an American Indian reservation, number of persons living in the operators' households, and Spanish, Hispanic, or Latino origin. Information on the total number of operators and total number of women operators was collected from each operation. In addition, the principal operator was asked to report the percentage of total household income that came from the farm operation and if he/she was a hired manager for the operation.

Unlike the 1997 census, all operator characteristics in the 2002 census were subject to imputation based on information reported by farms with similar acreage, tenure, value of sales, and location. In the 1997 census, no imputation was made for nonresponse to place of residence; Spanish, Hispanic, or Latino origin; off farm work; or year began operation. Also in 1997 data were collected only from the principal operator. To see how operator data were collected in 2002, refer to the census report form, Section 24, Appendix D.

**Operators, all (multiple).** This a new item in the 2002 census. The 2002 census was the first to collect data for more than one operator per farm. Demographic and other information were collected for up to three operators per farm - the principal operator plus one or two additional operators. This may be fewer than the number of operators on some farms. All operators refers to these multiple operators. Demographic data for up to three operators reported are presented separately for women, by race categories, and for Spanish, Hispanic, or Latino origin.

**Operators, total.** This is a new item in the 2002 census. It represents the total reported number of operators on farms and ranches. The 2002 census was the first to ask for the total number of operators associated with an operation. It was also the first time the total number of women operators was determined. To see how operator data were collected in 2002, refer to the census report form, Section 24, Appendix D.

**Operators of Spanish, Hispanic, or Latino origin.** See Spanish, Hispanic, or Latino origin.

**Oranges, all.** All oranges is a summation of Valencia oranges and Other oranges. Total acres, bearing acres, and nonbearing acres were collected by category in the 2002 census. In the 1997 census, total acres, bearing

trees, and nonbearing trees were collected as all oranges.

**Oranges, other.** This is a new item for the 2002 census and includes all oranges, including Navel, other than Valencia. See Oranges, all for further explanation.

**Oranges, Valencia.** This is a new item for the 2002 census. See Oranges, all for further explanation.

**Ornamental fish.** This is a new category for 2002. It includes various fish raised for water gardens, aquariums, etc. Examples include angel fish, guppies, koi, ornamental goldfish, and tropical fish.

**Other animals.** In the 2002 census, each specie is reported separately. In the 1997 census, deer, elk, bison, and llamas were included in all other livestock.

**Other animals and other animal products sold.** This category includes all animals and animal products not having specific codes on the 2002 report form. Data are not comparable with the 1997 census.

**Other aquaculture products.** In the 2002 census, examples include the production of alligators, frogs, leeches, live rock, salamanders, turtles, fingerlings, and egg and seed stock. Data are not comparable with the 1997 census since several items previously reported here were listed separately in the 2002 census.

**Other cattle.** In the 2002 census, data include heifers, steers, bulls 500 pounds and over, and all calves under 500 pounds. In the 1997 census, heifers and heifer calves were collected separately from steers, steer calves, bulls, and bull calves.

**Other citrus.** In the 2002 census, data relate to any citrus not having a specific code on the report form. In the 1997 census, data included K-Early citrus and Temples.

**Other cropland.** This includes all cropland other than cropland harvested or cropland pastured.

**Other crops.** This category includes production data for field and forage crops not categorized into one of the prelisted crop categories on the report form.

**Other crops and hay sales.** For the 2002 census, data are for the total market value of all crops not categorized into one of the prelisted crop sales categories on the report form. This category includes crops such as grass seed, hay and grass silage, haylage, greenchop, hops, maple syrup, mint for oil, ginseng root, peanuts, sugarcane, sugarbeets, etc. The inclusion of hay into this category is new for the 2002 census. In the 1997 census, hay sales were included with silage and field seeds. Data are not comparable.

**Other crops under production contract.** This item is new for the 2002 census. Data are for the total number of farms that have production contracts for other crops. This category includes all crops except grains, oilseeds, vegetables, melons, potatoes, and sweet potatoes.

**Other fish.** This category includes fish that could not be identified as belonging to one of the other categories on the 2002 census report form. Data are not directly comparable to the 1997 census.

**Other food fish.** This is a new category for 2002. Data are for fish, other than catfish and trout, raised on farms for food. Examples include hybrid striped bass, moi, salmon, sturgeon, and tilapia.

**Other fruits and nuts.** Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the census report form.

**Other land.** This category includes land in house lots, barn lots, ponds, roads, ditches, wasteland, etc. It includes those acres in the farm operation not classified as cropland, pastureland, or woodland. See Land in farms.

**Other livestock.** This category includes all livestock not having specific codes on the 2002 report form. In the 1997 census, emus and ostriches were included in this category but in 2002 they were included as individual poultry items. Data are not comparable. See Other animals and Other animal products.

**Other livestock and livestock products.** See Other animals and other animal products sold.

**Other livestock products.** Production data for this category include all livestock products not having a

specific code on the 2002 report form. In the 1997 census, production data were collected along with other livestock; data are not comparable.

**Other noncitrus fruit.** Data relate to any noncitrus fruit not having a specific code on the census report form.

**Other nursery and greenhouse crops.** Data relate to any nursery and greenhouse crop not having a specified code on the census report form.

**Other poultry.** Data are for other poultry not having a specific code on the report form. Data for 1997 included emus and ostriches and are not directly comparable with 2002.

**Other tame hay.** See Hay, other tame dry hay.

**Pastureland and rangeland, other than cropland and woodland pastured.** This land use category is very inclusive and encompasses all grazable land that does not qualify as cropland pasture. It may be irrigated or dry land. In some areas, it can be a high quality pasture that could not be cropped without improvements. In other areas, it is barely able to be grazed and is only marginally better than wasteland.

**Patronage dividends.** See Total income from farm-related sources, gross before taxes and expenses.

**Payments received by the contractee for commodities produced under contract.** These data show the number of farms and the dollar amount the contractees received from contractors for commodities produced under contract. This is not the market value of the commodities delivered, but the payment or fee the operators received for commodities delivered. The 2002 census was the first time this information was collected and published.

**Peaches, all.** In the 2002 census, data for all peaches were collected as a category in all states except for California and Arizona. Peach data in California and Arizona were collected separately for clingstone and freestone peaches. The data were later combined with all peaches for publication. Data for clingstone and freestone are found in the California and Arizona publications only. In the 1997 census, there was no

special data collection for clingstone or freestone peaches.

**Peaches, Clingstone.** In the 2002 census, data were collected only in California and Arizona for clingstone peaches. All other states are included in the Peaches, all category. In 1997, data were not collected. See Peaches, all for further explanation.

**Peaches, Freestone.** In the 2002 census, data were collected only in California and Arizona for freestone peaches. All other states are included in the Peaches, all category. In 1997, data were not collected.

**Pears, all.** In the 2002 census, data for all pears were collected as a category in all states except for California, Arizona, Idaho, Oregon, and Washington. These states collected data separately for Bartlett pears and Other pears which were later combined into the Pear, all category. Data for Bartlett and other pears are found only in the state publications where collected. In the 1997 census, there was no special data collection.

**Pears, Bartlett.** In the 2002 census, data were collected only in California, Arizona, Idaho, Oregon, and Washington for Bartlett pears. All other states are included in the Pears, all category. In 1997, data were not collected. See Pears, all for further explanation.

**Pears, other.** In the 2002 census, data were collected only in California, Arizona, Idaho, Oregon, and Washington for other pears. All other states are included in the Pears, all category. In 1997, data were not collected. See Pears, all for further explanation.

**Peas, green southern (cowpeas) - blackeyed, crowder, etc.** This is a name change only. In the 1997 census, the name was Green cowpeas and green southern peas.

**Peppers, Bell.** For the 2002 census, data include only Bell-type peppers. All other peppers are included in the Chile pepper category. The 1997 census categories for peppers were hot peppers and sweet peppers. Some peppers such as banana peppers were reported as sweet peppers in 1997 and are reported as Chile peppers in 2002. Data for peppers for the two censuses are not comparable.

**Peppers, Chile (all peppers - excluding Bell).** This includes all peppers not classified as a Bell pepper. This includes some sweet peppers such as banana peppers and pimiento peppers, as well as all hot peppers. The 1997 census categories for peppers were hot peppers and sweet peppers. Since some Chile peppers were reported as sweet peppers in 1997, the data for peppers for the two censuses are not comparable.

**Plums.** This was reported as an individual item only in California and Arizona. All other states reported plums in a combined plum and prune category.

**Poultry hatched.** This category includes all poultry hatched on the place during the year. The number of poultry hatched is under the heading Sold for both years. Incubator egg capacity was not asked in the 2002 census.

**Poultry, other.** See Other poultry.

**Primary occupation.** See Operator characteristics and/or Farms by age and primary occupation of operator.

**Principal operator.** The person primarily responsible for the on-site, day-to-day operation of the farm or ranch business. This person may be a hired manager or business manager. See Operators, all for further explanation.

**Production contracts.** See Commodities raised and delivered under production contracts.

**Production expenses.** See Total farm production expenses.

**Prunes.** This was reported as an individual item only in California and Arizona. All other states reported prunes in a combined plum and prune category.

**Pullets for laying flock replacement.** In the 2002 census, pullet inventory for laying flock replacement was tabulated as a single item. In the 1997 census, pullets were separated into two categories: less than 13 weeks old and 13 to 19 weeks old. The two categories in the 1997 census must be added together to be comparable to the 2002 census. In the 1997 census, pullets and pullet chicks sold were asked. In

the 2002 census, the report form asked for pullets sold or moved from the operation.

**Race of operator.** In previous censuses, with the exception of Hawaii, race data were collected for White, Black or African American, American Indian (included Alaska Native), Asian or Pacific Islander, or Other race. In the 2002 census, operator and farm characteristics were collected for White, Black or African American, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, Asian, and those operators reporting more than one race. Respondents were asked to mark one or more of the race categories. Operators who marked more than one race category were tabulated in the More than one race columns in Chapter 1, Tables 47 and 52, and Chapter 2, Table 46.

In Hawaii 2002 operator race data were collected for White, Black or African American, American Indian or Alaska Native, Native Hawaiian, Other Pacific Islander, Japanese, Chinese, Korean, Filipino, Other Asian, and operators reporting more than one race. Operators who marked more than one race category were tabulated as More than one race in the publications. The combination of the Native Hawaiian and Other Pacific Islander categories is equivalent to the Native Hawaiian or Other Pacific Islander category on the other forms. The combination of the Japanese, Chinese, Korean, Filipino, and Other Asian categories is equivalent to the Asian category on the other forms. The Volume 1, Geographic Area Series, U.S. Summary publication only displays counts for the categories of Native Hawaiian and Other Pacific Islander and Asian. Data for the 11 Hawaii race categories are published in the Hawaii publication of the Volume 1 series.

**Rental of farmland.** See Total income from farm-related sources, gross before taxes and expenses.

**Sales, total.** See Market value of agricultural products sold.

**Sheep and lamb inventory.** In the 2002 census, respondents were asked to report sheep and lambs of all ages owned. In the 1997 census, respondents were asked to report sheep or lambs on their operation regardless of ownership.

**Short-rotation woody crops.** This is a new item for the 2002 census. A short-rotation woody crop is a tree that grows from seed to a mature tree in 10 years or less. These are trees for use by the paper or pulp industry or as engineered wood. This does not include lumber. Acres in production were reported in the "Land" section of the report form as Harvested cropland.

**Size of farm.** See Farms by size.

**Sorghum syrup.** The question on the report form asked for pounds of sorghum syrup produced, but responses indicated that some respondents reported cane harvested for syrup while others reported the syrup produced. With such varying amounts of production reported (tons and pounds of cane as well as pounds and gallons of syrup), a significant amount of manual review and correction would have been needed for this item. Instead the data were summarized and published as reported.

**Spanish, Hispanic, or Latino origin.** Operators of Spanish, Hispanic, or Latino origin are found in all of the racial groups listed in the census and were tabulated according to the race reported, as well as on tables pertaining only to this group.

**Sport or game fish.** This is a new category for 2002. It includes farm-raised fish for sport or game fishing. Examples include bluegill, crappie, largemouth bass, muskie, northern pike, smallmouth bass, and sunfish.

**Temples.** This is a new item for the 2002 census. In previous censuses, respondents may have reported temples as either oranges or other citrus fruit.

**Tenure.** See Farms by tenure of operator.

**Total cropland.** This category includes cropland harvested, cropland used only for pasture or grazing, cropland idle or used for cover crops or soil improvement but not harvested and not pastured or grazed, cropland on which all crops failed or were abandoned, and cropland in cultivated summer fallow.

**Total farm production expenses.** Includes the production expenses provided by the operators, partners, landlords (excluding property taxes) and production contractors for the farm business in 2002.

Tenant farmers reported expenses paid by landlords for the agricultural production on the operation, as well as their expenses. Farm or ranch operators who rented part of their land to others reported only the expenses for the land they actually used themselves and not expenses for land rented to others. The 2002 total farm production expenditure includes all farm-related expenses such as customwork, fuel costs, cost of cutting timber, services provided to hunters, cooperative membership fees, etc. However, if the income from these farm-related categories was not considered a part of the operation (i.e., if the income was regarded as derived from a separate business), then the associated expenses were not included. The contractor's portion of expenses was based on computer generated estimates for 2002.

This item excludes expenses relating to non-farm activities such as trading and speculation in the commodities market or livestock trading activities. Explanations of selected production expenses are listed below.

*All other livestock and poultry purchased.* These expenses include the total amount spent by the operators, their landlords, and by others for all non-breeding livestock and poultry bought during 2002 for production on the farm or ranch. The total includes amounts spent for cattle, calves, hogs, pigs, sheep, hatchery eggs, etc. All other livestock and breeding livestock were combined in 1997.

*All other production expenses.* This category includes all expenses not listed on the report form. Examples include animal health costs, storage and warehousing, marketing and ginning expenses, insurance, etc. Health expenses and payroll taxes were excluded. In the 1997 census, lime expenses and irrigation water costs were collected and published in the all other production expenses category. In the 2002 census, the cost of lime is included with fertilizer and the cost of irrigation water is included with utilities.

*Breeding livestock purchased.* These expenses include the total amount spent by the operators, his/her landlord, and others for all breeding livestock and poultry bought during 2002 for production on the farm or ranch. The total includes amount spent for cows, heifers, bulls, sows, gilts, boars, rams, lambs, ewes, roosters, hens, layers, etc. Estimations of the value of

livestock or poultry fed on a custom basis were to be made based on their value when they arrived on the farm or ranch. In the 1997 census, breeding livestock and all other livestock were combined.

*Cash rent paid in 2002.* These data include the cost of renting land and buildings that are part of this operation. Rent paid for the operator's dwelling or other non-farm property and the value of the shares of crops and livestock paid to landlords were excluded.

*Chemicals.* These 2002 expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including costs of custom application. Data exclude commercial fertilizer purchased.

*Fertilizer, lime, and soil conditioners.* The expense for fertilizer is the amount spent on all forms of fertilizer and lime including rock phosphate and gypsum during 2002. It also includes the cost of custom application. In the 1997 census, lime expenses were collected and published in the all other production expenses category.

*Contract labor.* These data include 2002 payments made to contractors, crew leaders, cooperatives, or any other organization hired to furnish a crew of laborers to do a job that may involve one or more agricultural operations. In some cases, a crew leader may furnish some equipment. Data exclude expenses made on a contractual basis for repair or maintenance or for capital improvements, such as construction of farm buildings, installation of fences or irrigation systems, and land leveling.

*Customwork and custom hauling.* These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. Some examples of customwork are plowing, spraying, harvesting, preparation of products for marketing, grinding and mixing feed, combining, corn picking, grain drying, and silo filling. The cost of custom application of fertilizer and chemicals is included in expenditures for fertilizer and chemicals in 2002, just as it was in the 1997 census. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense. In

1997, the expenses for customwork were combined with rent and lease expenses for machinery.

*Feed for livestock and poultry.* These expenses include the cost of all feed for livestock and poultry including grain, hay, silage, mixed feeds, concentrates, etc. during 2002.

*Gasolines, fuels, and oils purchased.* These expenses include the cost of all gasoline, diesel, natural gas, LP gas, motor oil, and grease products for the farm during 2002. It excludes fuel for personal use of automobiles by the family and others, fuel used for cooking and heating the farm house, and any other use outside of farmwork on the operation. In the 1997 census, fuel costs were divided into four groups.

*Hired farm and ranch labor.* These 2002 expenses include the total amount paid for farm or ranch labor including regular workers, part-time workers, and members of the operator's family if they received payments for labor. It includes social security taxes, state taxes, unemployment tax, payment for sick leave or vacation pay, workman's compensation, insurance premiums, and pension plans.

*Interest paid on debts.* Interest and finance charges paid in 2002 on mortgage loans for land and buildings on the operation are included in this section. Interest expenses excluded from this category are non-farm interest expenses and interest expenses originating from machinery and equipment used for a separate customwork business or for other operations. Interest expense for the operator's dwelling, where the amount is separate from interest on farm land and buildings on the operation, is excluded. Interest paid on debts were reported in one of two categories:

1) *Interest paid on debts secured by real estate.* These data include all interest expenses paid in 2002 on debts secured by real estate for the farm.

2) *Interest paid on debts not secured by real estate.* These data include all interest expenses paid in 2002 on debts secured by machinery, tractors, trucks, other equipment, livestock, poultry, breeding stock, money borrowed for use as working capital, and interest paid on CCC loans for the farm.

*Property taxes paid in 2002.* These data include

property taxes paid by the operators for the farm share of land, machinery, livestock, buildings and livestock.

*Rent and lease expense for machinery.* These data include the farm share cost of renting or leasing machinery, equipment, and vehicles during 2002. Rental and lease expenses of items used only for custom hire are excluded here. In the 1997 census, rent and lease expenses for machinery were combined with customwork expenses.

*Seed cost.* These expenses include the cost of all seeds, bulbs, plants, propagation materials, trees, etc. purchased during 2002. Excluded were items purchased for immediate resale or the value of seed grown on this place.

*Supplies, repairs, and maintenance.* These expenses include all costs for the repair and upkeep of buildings, motor vehicles, fences, and farm equipment used for the farm business during 2002. Repairs to equipment used both for the farm business and for performing customwork are included.

*Utilities.* These data show the farm share cost of electricity, telephone charges, internet fees and water purchased in 2002. Included in the water cost is water purchased for irrigation purposes, automatic feeders, farrowing houses, milking equipment, or any other machinery and equipment used for the operation. Household costs were excluded from these items. Electricity expense was the only cost that was collected and published in the 1997 census. The purchase of irrigation water was collected under all other production expenses in the 1997 census.

**Total income from farm-related sources, gross before taxes and expenses.** This includes gross income from farm-related sources received in 2002 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. The data exclude income from employment or business activities which are separate from the farm business.

Categories that make up the farm-related income calculation changed between the 1997 and 2002 censuses. In the 2002 census, patronage dividends and refunds from cooperatives and recreational services were published separately. In the 1997 census, these

categories were combined with other income from farm-related sources.

*Customwork and other agricultural services.* This income includes gross receipts received by the farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constituted a separate business or was conducted from another location.

*Rental of farmland.* This income includes gross cash or share payments received from renting out farmland, payments received from the lease or sale of allotments for crops such as tobacco, and payments received for livestock pastured on a per-head, per month, or per-pound basis. It excludes rental income from nonfarm property.

*Sales of forest products.* This income includes gross receipts from sales of standing timber, pulpwood, firewood, and other forest products from the farm business and gum for naval stores. It excludes income from nonfarm timber tracts, sawmill businesses, cut Christmas trees, maple products, and short-rotation woody crops.

*Recreational services.* For the 2002 census, recreational services is reported separately. In the 1997 census, it was combined with Other farm-related income. This includes income from recreational services such as hunting, fishing, etc.

*Patronage dividends and refunds from cooperatives.* For the 2002 census, income from patronage dividends and refunds from cooperatives is published separately. These are payments to a farmer or rancher for business done with a cooperative to which he/she usually belongs. In the 1997 census, this income was combined with Other farm-related income. The payment is usually for goods sold through the co-op.

*Other-farm related income sources.* This is other income which is closely related to the agricultural operation. This income includes animal boarding, breeding fees, tobacco settlements, state fuel tax refunds, Federal/state/local tax refunds, state farm program payments, insurance payments for crop and

livestock payments losses, etc. For the 2002 census, other farm-related income sources are published separately. In the 1997 census, it was combined with recreational services and patronage dividends and refunds from cooperatives. Data are not comparable.

**Total operators.** See Operators, total.

**Total sales.** See Market value of agricultural products sold.

**Total market value of agricultural products sold and government payments.** This term is the same as the Farms by economic class of farm frequency distribution. The combination of sales and government payments may be a better measure of the economic size of farm because it represents all income resources of an operation, other than income from farm-related sources. All farms were tabulated by economic size based on the summation of sales and government payments. This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the operation in 2002 and government payments regardless of who received the payment. It includes sales by the operators as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. It does not include government payments received by landlords. The value of commodities placed in Commodity Credit Corporation (CCC) loans are included in this figure.

**Turkeys.** In the 2002 census, total turkey inventory and sales were tabulated. The number of turkeys sold include turkeys sold for slaughter and sold or moved to other farms. This may result in a turkey being sold more than once. In the 1997 census, turkey data were separated into two categories - slaughter and breeding.

**Type of organization.** See Farms by type of organization.

**Valencia oranges.** See Oranges, valencia.

**Value of agricultural products sold directly to individuals for human consumption.** This item represents the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. It excludes nonedible

products such as nursery crops, cut flowers, and wool but includes livestock sales. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded.

**Value of landlord's share of total sales.** This is a new item for 2002. This category includes the value of agricultural sales received by the landlords.

**Value of certified organically produced agricultural commodities.** This is a new item for the 2002 census. It represents the value of certified organically produced agricultural commodities sold from operations during 2002. This is the first time organic sales data were collected and published. These sales may come from either crop or livestock production. It was the intention of the question to collect only those products that were certified as organic by a government organization, grower organization, or similar entity.

**Value of commodities under production contract.** This item is new for the 2002 census. Data show the number of farms and the value of all commodities under production contract. The 2002 census is the first time specific contract data were published.

**Value of sales.** See Market value of agricultural products sold.

**Vegetables harvested for processing.** This is a new item for the 2002 census. Data are available for selected vegetables that are commonly processed.

**Vegetables harvested for sale.** The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown. When more than one vegetable crop was harvested from the same

acreage, acres were counted for each crop.

**Wheat for grain.** In the 2002 census, data were collected by type of wheat - Durum, winter, and spring other than Durum. In the 1997 census, only selected states reported wheat by type. The non-specific wheat for grain data collected in the 1997 census is not included in this publication. Therefore, the 1997 census data by type may not add to All wheat for grain.

**Woodland pastured.** This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and, therefore, was not included in woodland pastured.

**Woodland, total.** This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products and woodland pastured. Land covered by sagebrush or mesquite was reported as other pastureland and rangeland or other land. Land planted for Christmas tree production and short-rotation woody crops was reported in cropland harvested, and land in tapped maple trees was reported as woodland not pastured.

**Write-in crops.** To reduce the length of the report form, only the major crops for each region were prelisted on the report forms. For other crops, the respondent was asked to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code into the appropriate "all other" category for that section. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.



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## Appendix B.

# American Indian and Alaska Native Farm Operators

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Appendix B provides additional agriculture census data for farms and ranches operated by American Indians or Alaska Natives. Census report forms asked respondents to identify the race of up to three operators per farm or ranch. The race category of “American Indian or Alaska Native” could be selected as either a single race or in combination with other races as part of a multi-racial identification. Appendix B tables include data for farms or ranches whose operators self-identified as American Indian or Alaska Native either as a single race or in combination with other races. Appendix B is the only part of the volume 1 publication that includes this breakout of the multiple race designation. Tables in other parts of the publication include as American Indian or Alaska Native only those operators with a single-race identification. All multiple race identifications are combined together in the category “more than one race reported.”

To improve coverage of reservation agriculture, special procedures were followed in the census. A reservation-level census report form was obtained from knowledgeable reservation officials of most large reservations. These reports covered agricultural activity on the entire reservation. NASS reviewed these data and removed duplication with any data reported by American Indian or Alaska native farm operators who responded on an individual census report form. Additionally NASS obtained, from knowledgeable reservation officials, the count of American Indian and Alaska Native farm operators (on reservations) who were not counted through individual census report forms, but whose agricultural activity was included in the reservation-level report. Appendix B is the only part of the volume 1 publication that provides a total count of American Indian and Alaska

Native farm operators, including those who returned an individual report and those otherwise included in the reservation-level report. Tables in other parts of the publication count the reservation report as a single farm.

Table A, **American Indian and Alaska Native Operators: 2002**, provides the number of farm operators (for up to three operators per farm) reported as American Indian or Alaska Native in the race category on the individual census report forms, plus the total number of American Indian or Alaska Native operators farming on reservations as reported by reservation officials. The count from the individual report forms is summarized in the “individually reported” column. It includes operators on or off reservations. The “other” column provides counts of operators on reservations as reported by a reservation or tribal official.

Table B, **Selected Characteristics for Farms Operated By American Indians or Alaska Natives and For Total Farms: 2002**, provides aggregated data for operations where at least one operator was American Indian or Alaska Native. Data include resource and production inputs and outputs of farms and ranches operated by American Indians and Alaska Natives, and compares the data to all farms. Reservation-level reports are included.

Table C, **Selected Operator Characteristics for American Indians and Alaska Natives and for Total Reporting: 2002**, presents demographic data for up to three American Indian or Alaska Native operators reported per farm or ranch on individual and reservation-level census report forms.

**Table A. American Indian or Alaska Native Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	American Indian or Alaska Native farm operators			Geographic area	American Indian or Alaska Native farm operators		
	Total	Individually reported <sup>1</sup>	Other <sup>2</sup>		Total	Individually reported <sup>1</sup>	Other <sup>2</sup>
<b>STATE TOTAL</b>							
Iowa .....	193	193	-	Jackson .....	3	3	-
<b>COUNTIES</b>				Jasper .....	2	2	-
Adair .....	2	2	-	Jefferson .....	1	1	-
Adams .....	8	8	-	Johnson .....	1	1	-
Benton .....	2	2	-	Jones .....	1	1	-
Black Hawk .....	1	1	-	Linn .....	6	6	-
Boone .....	2	2	-	Louisa .....	2	2	-
Buchanan .....	3	3	-	Lucas .....	5	5	-
Butler .....	1	1	-	Madison .....	3	3	-
Cass .....	1	1	-	Marion .....	3	3	-
Cedar .....	6	6	-	Marshall .....	2	2	-
Cerro Gordo .....	1	1	-	Mills .....	1	1	-
Cherokee .....	1	1	-	Mitchell .....	1	1	-
Chickasaw .....	1	1	-	Monroe .....	4	4	-
Clarke .....	9	9	-	O'Brien .....	4	4	-
Clay .....	2	2	-	Plymouth .....	1	1	-
Clayton .....	2	2	-	Polk .....	2	2	-
Clinton .....	1	1	-	Pottawattamie .....	6	6	-
Crawford .....	2	2	-	Poweshiek .....	1	1	-
Dallas .....	6	6	-	Sac .....	1	1	-
Davis .....	11	11	-	Scott .....	7	7	-
Decatur .....	3	3	-	Sioux .....	1	1	-
Delaware .....	1	1	-	Story .....	7	7	-
Dubuque .....	1	1	-	Tama .....	4	4	-
Floyd .....	2	2	-	Taylor .....	4	4	-
Franklin .....	2	2	-	Wapello .....	6	6	-
Fremont .....	5	5	-	Warren .....	13	13	-
Henry .....	2	2	-	Washington .....	2	2	-
Howard .....	2	2	-	Wayne .....	2	2	-
Humboldt .....	2	2	-	Webster .....	1	1	-
Ida .....	1	1	-	Winnebago .....	2	2	-
Iowa .....	2	2	-	Winneshiek .....	3	3	-
				Woodbury .....	2	2	-
				Worth .....	4	4	-

<sup>1</sup> Data were collected for a maximum of three operators per farm.

<sup>2</sup> Data represent American Indian or Alaska Native farm or ranch operators on reservations who did not report individually. Data obtained from reservation officials.

**Table B. Selected Characteristics of Farms Operated by American Indians or Alaska Native Operators and For Total Farms: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	American Indian or Alaska Native operated farms <sup>1</sup>	Total farms	Percent of total	Characteristics	American Indian or Alaska Native operated farms <sup>1</sup>	Total farms	Percent of total
<b>FARMS AND LAND IN FARMS</b>				<b>FARM PRODUCTION EXPENSES - Con.</b>			
Farms .....	177	90,655	0.2	Selected farm production expenses - Con.			
Land in farms .....	41,775	31,729,490	0.1	Fertilizer, lime, and soil conditioners .....	\$1,000 634	665,890	0.1
Estimated market value of land and buildings <sup>2</sup> .....	\$1,000 100,904	64,154,298	0.2	Gasoline, fuels, and oils .....	\$1,000 441	348,189	0.1
Average per farm .....	dollars 429,380	707,730	(X)	Hired farm labor .....	\$1,000 822	409,190	0.2
Average per acre .....	dollars 472	750	(X)	Interest expense .....	\$1,000 610	704,077	0.1
Estimated market value of all machinery and equipment <sup>2</sup> .....	\$1,000 12,224	8,923,379	0.1	Chemicals .....	\$1,000 456	464,509	0.1
Average per farm .....	dollars 56,591	100,422	(X)	<b>LIVESTOCK AND POULTRY</b>			
Farms by size:				Beef cows inventory .....	farms 47	23,313	0.2
1 to 9 acres .....	15	4,811	0.3	number	2,447	987,670	0.2
10 to 49 acres .....	53	16,278	0.3	Milk cows inventory .....	farms 7	3,034	0.2
50 to 179 acres .....	53	24,250	0.2	number	(D)	206,965	(D)
180 to 499 acres .....	31	24,719	0.1	Cattle and calves sold .....	farms 52	29,515	0.2
500 to 999 acres .....	9	13,063	0.1	number	3,589	2,929,704	0.1
1,000 acres or more .....	16	7,534	0.2	Hogs and pigs inventory .....	farms 6	10,205	0.1
Total cropland .....	farms 157	84,755	0.2	number	4,560	15,486,531	(Z)
Harvested cropland .....	acres 30,955	27,153,291	0.1	Hogs and pigs sold .....	farms 7	11,275	0.1
Irrigated land .....	farms 121	67,338	0.2	number	22,086	41,232,492	0.1
acres	22,891	23,994,343	0.1	Sheep and lambs inventory .....	farms 16	3,751	0.4
acres	8	976	0.8	number	339	249,908	0.1
acres	23	142,109	(Z)	Sheep and lambs sold .....	farms 11	2,903	0.4
				number	253	257,130	0.1
<b>TENURE</b>				Horses and ponies inventory .....	farms 54	11,482	0.5
Full owners .....	farms 134	49,889	0.3	number	376	77,123	0.5
acres	17,864	8,626,697	0.2	Horses and ponies sold .....	farms 16	2,775	0.6
Part owners .....	farms 34	30,265	0.1	number	58	10,601	0.5
acres	19,431	19,260,548	0.1	Bison inventory .....	farms 4	116	3.4
Tenants .....	farms 9	10,501	0.1	number	18	2,758	0.7
acres	4,480	3,842,245	0.1	Bison sold .....	farms 2	58	3.4
				number	(D)	486	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>				Layers 20 weeks old and older inventory .....	farms 16	1,934	0.8
Market value of agricultural products sold (see text) .....	\$1,000 11,383	12,273,634	0.1	number	658	38,650,210	(Z)
Average per farm .....	dollars 64,313	135,388	(X)	Broilers and other meat-type chickens sold .....	farms 2	629	0.3
Crops, including nursery and greenhouse crops .....	\$1,000 6,657	6,071,272	0.1	number	(D)	9,558,127	(D)
Livestock, poultry, and their products .....	\$1,000 4,726	6,202,362	0.1	<b>SELECTED CROPS HARVESTED</b>			
<b>FARMS BY ECONOMIC CLASS (SEE TEXT)</b>				Corn for grain .....	farms 53	52,806	0.1
Less than \$1,000 .....	59	19,668	0.3	acres	9,757	11,761,392	0.1
\$1,000 to \$2,499 .....	19	3,768	0.5	bushels	1,391,392	1,851,276,224	0.1
\$2,500 to \$4,999 .....	11	3,737	0.3	Corn for silage or greenchop .....	farms 3	6,909	(Z)
\$5,000 to \$9,999 .....	21	4,902	0.4	acres	(D)	247,269	(D)
\$10,000 to \$24,999 .....	14	9,409	0.1	Wheat for grain, All .....	farms -	412	-
\$25,000 to \$49,999 .....	15	10,038	0.1	acres	-	18,317	-
\$50,000 to \$99,999 .....	16	11,718	0.1	bushels	-	961,995	-
\$100,000 or more .....	22	27,415	0.1	Winter wheat for grain .....	farms -	405	-
				acres	-	18,038	-
<b>OTHER FARM CHARACTERISTICS</b>				bushels	-	952,550	-
Farms reporting -				Durum wheat for grain .....	farms -	-	-
Computers for farm business .....	84	41,722	0.2	acres	-	-	-
Internet access .....	100	48,857	0.2	bushels	-	-	-
Farms by type of organization:				Spring wheat for grain .....	farms -	7	-
Family or individual .....	153	78,699	0.2	acres	-	279	-
Partnership .....	17	5,792	0.3	bushels	-	9,445	-
Corporation .....	3	5,279	0.1	acres	-	152	-
Other-cooperative, estate or trust, institutional, etc .....	4	885	0.5	bushels	-	4,166	-
<b>FARM PRODUCTION EXPENSES</b>				Oats for grain .....	farms 11	6,963	0.2
Total farm production expenses .....	\$1,000 8,475	10,303,448	0.1	acres	317	143,513	0.2
Selected farm production expenses:				bushels	23,578	10,761,952	0.2
Livestock and poultry purchased .....	\$1,000 (D)	1,854,227	(D)	Sunflower seed, All .....	farms -	6	-
Feed purchased .....	\$1,000 569	1,922,817	(Z)	acres	-	(D)	(D)
				pounds	-	(D)	(D)
				Soybeans for beans .....	farms 41	48,752	0.1
				acres	8,823	10,418,621	0.1
				bushels	396,319	487,380,897	0.1
				Forage - land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms 82	33,406	0.2
				acres	4,478	1,533,027	0.3
				tons, dry	12,039	5,177,896	0.2

<sup>1</sup> Data were collected for a maximum of three operators per farm or ranch on places where operators would identify themselves as American Indian or Alaska Native.

<sup>2</sup> Data are based on a sample of farms.

**Table C. Selected Operator Characteristics for American Indians or Alaska Natives and For Total Reporting: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	American Indian or Alaska Native operators reporting <sup>1</sup>	Total operators reporting <sup>1</sup>	Characteristics	American Indian or Alaska Native operators reporting <sup>1</sup>	Total operators reporting <sup>1</sup>
Operators .....	193	125,246	Years on present farm:		
Sex of operator:			2 years or less .....	8	4,046
Male .....	130	97,988	3 or 4 years .....	16	7,469
Female .....	63	27,258	5 to 9 years .....	37	18,154
Primary occupation:			10 years or more .....	132	95,577
Farming .....	102	80,974	Age group:		
Other .....	91	44,272	Under 25 years .....	2	2,176
Place of residence:			25 to 34 years .....	17	8,711
On farm operated .....	169	94,427	35 to 44 years .....	29	25,875
Not on farm operated .....	24	30,819	45 to 54 years .....	72	34,290
Days worked off farm:			55 to 64 years .....	52	27,149
None .....	63	55,420	65 to 74 years .....	16	17,816
Any .....	130	69,826	75 years and over .....	5	9,229
1 to 49 days .....	15	8,883	Average age of -		
50 to 99 days .....	14	4,627	All operators <sup>1</sup> .....	51.2	52.8
100 to 199 days .....	16	9,206	Principal operator .....	51.2	54.3
200 days or more .....	85	47,110	Second operator .....	51.4	49.7
			Third operator .....	48.6	43.9
			Living on an American Indian reservation .....	-	1

<sup>1</sup> Data were collected for a maximum of three operators per farm.

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## Appendix C.

# Statistical Methodology

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### THE CENSUS MAIL LIST AND SCREENER PHASE

The National Agricultural Statistics Service (NASS) maintains a list of farmers and ranchers from which the census mail list (CML) is compiled. The goal is to build as complete a list as possible of agricultural places that produce and sell, or would normally sell, \$1,000 or more of agricultural products per year. This is the same list used to define sampling populations for NASS surveys conducted for the agricultural estimates program. Each record on the list includes name, address, and telephone number plus additional information used to efficiently sample and administer the NASS census of agriculture and its agricultural estimates programs.

NASS builds and improves the list on an ongoing basis by obtaining outside source lists. Sources include state and federal government lists, producer association lists, seed grower lists, pesticide applicator lists, veterinarian lists, marketing association lists, and a variety of other agriculture-related lists. NASS occasionally obtains special commodity lists to address specific list deficiencies. In 2000, NASS began an intensive push to increase list coverage in preparation for the census.

Most names on a newly acquired list are already on the list sampling frame. Those found on the list are set aside. Those not found are treated as potential farms until NASS can confirm their existence as a qualifying farm. Field offices routinely contact these potential farms to determine their status, however, the increased pre-census list building activity generated much more followup work.

Beginning in April 2002, NASS conducted the 2002 Farm Identification Survey to screen 591,288 potential farms before placing them on the CML. These records were mailed a one-page report form and a nonresponse

followup mailing was made in May 2002. A second mailing to a group of 568,692 additional potential farm records was conducted in mid-July 2002. There was no followup mailing. The entire screener phase confirmed 349,664 qualifying farms that were added to the CML. A total of 282,901 names were confirmed as out of scope and were dropped from the list. Names returned as undeliverable-as-addressed totaled 92,203 and they were excluded from further census mailings. The remaining 435,212 names did not respond and were mailed census forms although they were not added to the CML as active farms.

During the spring and summer of 2002, measures were taken to improve name and address quality. Checks were made to detect and remove duplication both within states and across states. List addresses were processed through the National Change of Address registry and the Locatable Address Conversion System to ensure they were correct and complete. Records on the mail list with missing or invalid phone numbers were matched against a nationally available telephone database to obtain as many phone numbers as possible.

Records requiring special handling for census data collection or for analysis and summarization were identified. These were mostly farms considered unique because of their size or because they produced specialty commodities.

The official CML was established on September 1, 2002. The list contained 2,841,788 records. There were 1,839,533 records that were thought to meet the NASS farm definition and 1,002,255 potential farm records.

### CENSUS SAMPLE DESIGN

All name and address records on the final CML received a 2002 Census of Agriculture report form. Two different types of census report forms, sample and

nonsample, were used to collect data. Sections 1 through 16 and 22 through 25 of the sample form were identical to sections on the nonsample census form. Sections 17 through 21 of the sample form contained additional questions on usage of fertilizers and chemicals, farm production expenditures, value of machinery and equipment, value of land and buildings, and hired workers. There were 12 regional versions of the nonsample form and 13 regional versions of the sample form with listings of crops varying by region.

The sample form was mailed to all mail list records in Alaska and Rhode Island and to a sample of records in other states. Mail list records were selected into the sample with certainty if they (1) were expected to have large total value of agricultural products sold or large acreage, (2) were in a county with less than 100 farms in 1997, or (3) had other special characteristics (e.g., abnormal farms such as institutional farms, experimental and research farms, Indian reservations, etc.). Mail list records in counties containing 100 to 199 farms in 1997 were systematically sampled at a rate of 1 in 2; counties containing 200 to 299 farms in 1997 were systematically sampled at a rate of 1 in 4; counties containing 300 to 399 farms in 1997 were systematically sampled at a rate of 1 in 6; and counties containing 400 or more farms in 1997 were systematically sampled at a rate of 1 in 8. The mail list records not chosen to receive the sample form received the nonsample form. This differential sampling scheme was used to provide reliable data for the sample sections of the report form for all counties.

The regional report form versions and the sampling scheme were used to provide reliable data for a large number of items/commodities at the county level, while reducing response burden.

## **EDITING DATA AND IMPUTING FOR ITEM NONRESPONSE**

The mailing label on all forms returned to the National Processing Center (NPC) were scanned using bar code readers to capture identifiers and for check-in purposes. Forms determined to represent qualifying, in-scope farms were submitted for imaging. A snapshot was taken of each page of every report form and optical mark recognition (OMR) and intelligent character recognition (ICR) techniques were used to capture reported data from the images. The ICR engine

determined a confidence level for every cell read. Any cell with a confidence level below a prescribed value was referred to analysts to review and correct from the image, when necessary. The images and the captured data were transferred to NASS on a flow basis. Data collected by telephone were captured using computer-assisted telephone interview software.

Captured data were processed through a format program. This program verified that record identifiers were valid and checked the basic integrity of the data fields. Rejected records were referred to analysts for correction. Accepted records were posted to the database.

All 2002 census data were passed through a complex computer edit. Data were batched by state for submission to the computer edit. The edit determined whether a reporting operation met the minimum criteria to be counted as a farm in the census. Operations failing to meet the minimum criteria were referred to analysts for verification. The edit examined each report for reasonableness and completeness and determined whether to accept, delete, impute (supply), or alter the reported value for each data record item.

Whenever possible, imputations, deletions, and changes made by the editing system were based on related data on the respondent's report form. For some items, such as operator characteristics, available data for that farm from the previous census were used. Values reported on previous NASS surveys were used, where applicable.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in the same state or in a neighboring state with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report bushels of corn harvested, was assigned the same bushels of corn per acre harvested as that of another farm from that region having similar characteristics and reporting an acceptable yield. Assigned values for one operation could come from more than one respondent because imputation for missing items in each section of the report form was conducted separately.

Each execution of the computer edit consisted of records from only one state. Successfully edited records were made available as potential "donors," to supply values needed in subsequent imputations. These records were accumulated into pools of donors according to geographic location, so that each pool might be used during the computer edit of any reports from appropriate states. When imputation was required, a report's collective imputation needs for a section were used to identify a group of matching variables for the report which contained acceptable data relating to the missing items. For example, acres of corn harvested would be a matching variable for bushels of corn harvested, in consideration of the high correlation between the two items.

Similarity to the report being edited was evaluated for the matching variables for all farms in the appropriate donor pool. Values were imputed from the donor report considered most similar, referred to in this context as the "nearest neighbor" to the report being edited. Similarity between the edited record and a donor was calculated as the Euclidean distance between their selected matching variables. As part of the distance computation, the values of the matching variables were normalized to have the same variance within each donor pool. Latitude and longitude were consistently included in all imputation requests as matching variables, so that geographic proximity played a role in all donor selections.

Imputation conformed to logic provided by the complex edit. When appropriate, only donors able to contribute a nonzero imputed value were considered. For a farm reporting harvested corn acreage, for example, imputed bushels of corn harvested would be taken only from farms with harvested corn. In addition, imputed values were often adjusted. In some cases, acceptable data in another field of the edited report were used to establish a ratio between the edited report and the donor report. This proportion was applied to the imputed value as a scale factor. In the corn example, total bushels of corn from the donor would be scaled by the ratio of the acres of corn in the edited report to those in the donor report.

To maintain consistency with the complex edit, the imputed values in most sections of the report were tested to ensure they satisfied critical relationships among items within the section. If any of these

constraints were not met, alternative donors were considered in order of their similarity to the edited report, until all the constraints for the module were satisfied.

In some cases, nearest-neighbor imputation was not possible. The requirement of a positive imputed value might rule out all available donors, resulting in an imputation failure. However, if some members of the donor pool were found to satisfy this requirement, then as many as 25 nearest neighbors were given further consideration. But if none of the candidate donors could provide qualifying data, the result was also noted as an imputation failure. Processing of records that encountered these imputation failures was suspended at the section where the failure occurred. These records were made available for analyst review and later reconsidered by the automated edit as a followup to corrective actions taken by the analyst.

The donor pool for each region was frequently updated with records from its area which had completed the editing process. As records were added to the donor pool, the records became available to donate values to incomplete reports subsequently edited for that region. Prior to editing, all donor pools were empty and no donors were available. Initial donor pools were created by giving special treatment to the first batches of data received from each state. Similar to the way that imputation failures were resolved through analyst review of the reports, early reports from initial batches were reviewed and adjusted manually by teams of analysts. This process was employed until each donor pool became self-sufficient in consistently providing imputed values for its region through the automated nearest-neighbor selection process.

To streamline editing once they had reached a mature stage in their growth, donor pools for some regions were not expanded in size beyond a chosen plateau. This provided assurance that computer edits would not exceed a reasonable processing time for nearest-neighbor searches. Although their size was limited, these donor pools did not become static. They were regularly recreated with representative samples of all records available from their regions. Within a given region, all successfully edited sample form records were included in the appropriate donor pool. Successfully edited nonsample form records were ordered by farm size and sales volume for a given

region, and then systematically sampled. Every “ith” record from the nonsample form list was joined to the complete list of sample forms for its region to form a refreshed donor pool. The steady renewal of donor pools for regions with large numbers of records assured a more diverse selection of donors over time.

All records with data changes were resubmitted to the edit to verify that acceptable corrections were made. Records with imputation failures were referred to an analyst for resolution. Corrected data were posted and the record was re-edited.

The complex edit ensured the full internal consistency of the record. Analysts were provided an additional set of tools to review record-level data across farms. These examinations detected extreme outliers or unique data distribution patterns that were possibly a result of reporting, recording, or handling errors. Potential problems were researched and, when necessary, corrections were made and the record re-edited.

## **NONRESPONSE AND SAMPLE ESTIMATION**

Statistical estimation procedures were used to account for whole farm nonresponse and sample data collection. The procedures for nonresponse were necessary because some farm operators did not respond to the census despite numerous attempts to contact them. Statistical estimates for sample-form-only data items had to be calculated since, by design, the data were not collected from every farm. Nonresponse and sample estimation procedures were not applied in Alaska and Rhode Island because all farms received the sample form and data were collected from all farms.

### **Treatment of Farms Selected for the Screener Phase**

The screener phase and followup strategies resulted in several possible outcomes depending on whether the screener name responded and was in or out of scope. Each of these outcomes was handled differently to adjust for nonresponse.

Names responding to the screener as out of scope (nonfarms) were excluded from the CML. If the

respondent answered the screener as in scope, the respondent was added to the CML and received a census form. If this in-scope screener respondent answered the census form, the operation’s report was eligible to be used to help account for nonrespondents to the census. If the in-scope screener respondent failed to respond to the census form, that operation’s data were accounted for by census respondents.

Records for operations that did not respond to any of the three screener mailings were not considered to be part of the CML, but they were sent a census form. Screener nonrespondents that responded as in-scope operations on the census were assigned a fixed nonresponse weight of 1 for census tabulations. Screener nonrespondents that failed to respond to the census form were treated in summarization as if they never existed on a mail list.

### **Whole Farm Nonresponse Estimation**

Whole farm nonresponse to the census occurred when no data were received from an operation on the CML. Records deemed to represent either a large farm, as defined by the total value of production or acreage, or a unique farm operation received intensive telephone or personal followup during census processing to obtain a response. If these attempts failed, data were imputed for the record. These large and/or unique records were designated as “Must” records and were assigned a fixed nonresponse weight of 1, meaning their data were not used for nonresponse adjustment. Screener respondents with reported sales above a certain level automatically became Must records.

During mail list development, the field offices, in an effort to reduce respondent burden, identified operations that participated in multiple NASS surveys, and those that had special reporting relationships with an enumerator. The records for these operations were “Tagged.” The field offices assumed full responsibility for the data collection for any Tagged operations, including imputing data for them if a response was not obtained. Tagged records became Must records. They had a nonresponse weight of 1 and the reports were not used for nonresponse adjustments.

Whole farm nonresponse that occurred within the remaining universe of records, called non-Musts, was



accounted for by a statistical weighting procedure. All responding non-Musts in a state were put into mutually exclusive weighting groups based on their size and county as recorded on the CML database. Statistical models were used to estimate the number of nonresponse farms that were in scope for each weighting group. The weights of the responding farms in each weighting group were increased to account for nonresponding farms in that group.

Throughout the data collection period, changes and additions were made to the CML. Records added after the initial CML was created on September 1, 2002 were designated as new adds, treated like screener nonrespondents, and given a nonresponse weight of 1. New adds responding as in-scope records to the census were subsequently subtracted from the measurement of undercoverage. New adds linked to operations originally on the CML were not considered new adds. New adds occurred any time after the CML creation and before final weighting in February, 2004.

Some operators were sent more than one census form. These operators were required to fill out a separate form for each operation. Also, an operator may have had an operation for which a census form was not received, but the existence of which was noted on the form of the known operation. That operator was sent a new census form or enumerated by telephone to obtain data for that previously unknown operation. If a response was obtained for the previously unknown operation, the nonresponse weight for the new record was set equal to the nonresponse weight for the original operation reporting its existence. If no response was obtained for the previously unknown operation, it was treated as out of scope.

Some large farms operating in more than one county were treated as distinct county-specific operations to more accurately allocate data to counties. Similarly, large farms operating in more than one state were treated as distinct state-specific operations. Split add records were created for these operations and they were assigned the same nonresponse weight as the original CML operation. Controls ensured the calculated and nonresponse weights never exceeded 2. The nonresponse weights were systematically rounded to integers and an integerized weight of either 1 or 2 was assigned to each record. The integerization process eliminated any impact rounding would have

had on census farm counts and totals in each county and in cross tabulations.

Tables A and C quantify the effect of the nonresponse estimation procedures on selected census data items. These tables contain percentages of the census aggregates that were contributed by nonresponse adjustments. As noted earlier, names included in the screener sample that never responded were treated as if they never existed on a mail list. Any in-scope farm in this group was missed and, consequently, “attributed” to the coverage adjustment. This is shown in Table C. For selected items, estimates of what was attributed were reallocated to nonresponse to obtain “corrected” values, which appear in Table A. This was possible at the state level only. The differences between state-level nonresponse adjustment numbers in the first line of Table C and their counterparts in Table A represent the amount reallocated.

There was no such reallocation in Hawaii because records in that state were not adjusted to account for coverage errors. No tables appear for Alaska because records were not adjusted for nonresponse or coverage.

The estimates provided in Tables A and C do not reflect the effect of item nonresponse on individual census data items. The effect of this item nonresponse is discussed in the “Nonmeasurable Census Error” section.

## Sample Estimation

All Must records were preselected to receive the census sample form. Non-Must records were sampled to determine which would receive the sample form and which the nonsample form. All records in some small counties automatically received the census sample form but these records were not necessarily Must records. Nonresponse adjustment was allowed for the non-Musts.

Weights applied to the sample items appearing on the sample form only (Sections 17 through 21) were calculated by multiplying the farm’s coverage-adjusted weight, which is described later, by the sample factor (e.g, 6 for a farm sampled with a 1-in-6 rate, 1 for a Must). An adjustment was made that ensured the number of farms operating in a county as estimated from the sample matched the number estimated from

the full census. Before computing published tabulations based on the sample, each record's sample weight was integerized to eliminate the impact rounding would have had on census farm counts and totals.

Operators with more than one operation were sampled as one record and received the same census form for each operation. Operations added after sampling were treated differently depending on whether or not the record was linked to a record on the original CML. Added operations that linked to a record on the original CML were mailed the same census form as the original CML operation. Added operations that were **not** linked to a record on the original CML were mailed the sample form.

## **MEASURABLE CENSUS ERROR**

The root mean squared error of an estimated data item from the census provides a measure of the error a field office associated with completing a census. It measures the variation in the value of that estimated data item based on all possible outcomes of the census collection, including variants as to who was on the census list, who returned a census form and who was selected to fill out the sample form.

Data items were classified as either complete count items or sample count items. Sample count items were collected only on the sample version of the census report form. Complete count items were collected from all respondents. Variability in the estimates of complete count items was due only to the nonresponse and coverage estimation adjustment procedures. Variability in the estimates of sample count items was due to both the adjustment procedures and the census sample selection and estimation procedure. Therefore, variability in the sample count item estimates tends to be larger than the variability in the complete count item estimates.

Table B presents the fully adjusted total with the root mean squared error for selected items. The relative root mean squared error is obtained by dividing the root mean squared error by the value of the estimate and then multiplying by 100. The table also includes the percent contribution to the mean squared error (the square of the root mean squared error) from nonresponse adjustment and sampling and from

coverage adjustment. Mean squared errors for Hawaii are entirely due to nonresponse adjustment.

Nonsampling error due to mail list incompleteness and duplication as well as misclassification of records on the mail list is called coverage error. The section titled "Classification Error Study" addresses attempts to assess, at least qualitatively, the impact of classification error on the census results.

## **NONMEASURABLE CENSUS ERROR**

The accuracy of the census counts is affected jointly by the measurable errors described in the previous section and by nonmeasurable errors (nonmeasurable in the sense of not being included in root mean squared error estimates). Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form with instructions, and to minimize processing errors through the use of quality control measures. Despite these efforts, nonmeasurable errors are inevitable and arise from many sources, including respondent or enumerator error, incorrect data capture, editing, and imputing for missing data. These errors are discussed in this section.

### **Respondent and Enumerator Error**

Incorrect or incomplete responses to the census report form or to the questions posed by an enumerator can introduce error into the census data. To reduce reporting error, detailed instructions for completing the report form were provided to each respondent. Questions were phrased as clearly as possible based on previous tests of the report form. Computer-assisted telephone interviewing software included immediate integrity checks of recorded responses so suspect data could be verified or corrected. In addition, each respondent's answers were checked for completeness and consistency by the complex edit and imputation system.

### **Item Nonresponse**

As information flowed from data collection to tabulation, various types of item nonresponses were identified on the census report forms. Nonresponse to particular questions on the form that logically should have been present created a type of nonsampling error

in both complete count and sample count data. In this case, information from a similar farm was used to impute for these missing data items. The resulting data may have been biased if the characteristics of the nonreporting farms were different from those of reporting farms for those items. The section titled “Editing Data and Imputing for Item Nonresponse” provides a detailed explanation of item imputation procedures.

## Processing Error

All phases of processing for each census report form were potential sources of nonsampling error. An automated check-in procedure recorded that the report had been returned and excluded it from further followup mailings. Approximately one-third of the mail returns were reviewed to resolve questions dealing with multiple reports, respondent remarks, or no reported data. The remaining mail returns (about two-thirds), along with some of the reviewed cases containing farm data, were batched and sent directly to imaging and data capture. Data were transmitted, formatted, and run through the complex edit and imputation system to ensure within record consistency. About one-fifth of all forms edited were clerically reviewed for inconsistencies, omissions, or questionable values. While reviewing these forms, staff determined if the action taken by the computer edit and imputation system was correct. Additional analysis tools were used to examine data across records for distributional irregularities and extreme values. Edited records were tabulated to the county level. Each county was reviewed and, when necessary, individual records were corrected prior to publication.

Developing accurate processing methods is complicated by the complex structure of agriculture. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing changes in the relationship of operators to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agriculture operations, the difficulty of contacting and identifying some types of contractor/contractee relationships, the operator’s absence from the farm during the data collection period, and the operator’s opinion that part or all of the operation does not qualify and should not be included in the census.

During data collection and processing of the census, all operations underwent a number of quality control checks to ensure results were as accurate as possible.

## COVERAGE ADJUSTMENT

Although much effort was expended making the CML as complete as possible, the coverage of farms was not complete. NASS’s goal was to produce agricultural census totals for publication that were fully adjusted for list undercoverage at the county level. Estimates of the undercoverage for a specified set of farm characteristics, called calibration variables, were computed using an area-frame sample. Initial weights were assigned to census respondents to account for nonresponse, and these weights were further adjusted to compensate for estimated state-level undercoverage for each of the calibration variables based on the area frame sample. Each farm with census data was assigned a fully-adjusted weight by this process and county-level totals were generated for every census variable, not just the calibration variables. The section titled “Calibration Algorithm” provides a list of the area frame based calibration variables.

To further improve coverage adjustment, a second set of targets and ranges were added to the calibration effort. These were well established commodity totals for which excellent check data were available for validation. The introduction of these commodity targets strengthened the overall coverage adjustment process by limiting the possible adjustments produced by the area frame based targets to ensure major commodity totals remained within reasonable bounds of established benchmarks.

Most targets were determined at the state level. The one exception was the New England states - Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont - which were combined into one “calibration region.” In what follows, “state” refers to the calibration region for New England. Coverage adjustments were not made in Alaska and Hawaii.

## Measuring Mail List Undercoverage

Census mail list undercoverage was measured using an independent survey of land segments selected from the NASS area frame. The NASS area frame covers all

land in the U.S. and includes all farms. Each June, NASS conducts a survey that enumerates area frame segments for agricultural activity. The sampled segments are allocated to provide accurate measures of acres planted to widely grown crops and inventories of hogs and cattle.

The 2002 June Agricultural Survey (JAS) was supplemented with the 2002 Agricultural Coverage Evaluation Survey (ACES) to better estimate CML incompleteness. The ACES used a sample of segments allocated in a way that, when pooled with the JAS, ensured accurate measures of number of farms and land utilization could be obtained. Enumerators visited all segments, identified all farms operating land in each segment, and obtained basic data about those farms.

The names and addresses collected in the 2002 JAS and 2002 ACES were matched to the census mail list. Farms that did not match were re-contacted after the census mailout to confirm that they did not receive a census form. Farms that had not received a census form represented the farms not on the mail list (NML). Those who received a census form had been erroneously classified as NML and were removed.

The percentage of farms missed in the census varied considerably by state. In general, farms not on the mail list tended to be small in acreage, production, and sales of agricultural products. Farm operations were missed for various reasons, including the possibility that the operation started after the mail list was developed, the operation was so small as not to appear in any agriculture-related source lists, or the operation was falsely classified as a nonfarm prior to mailout.

### **Determining Targets to Correct for Undercoverage**

The 2002 June Agricultural Survey consisted of 11,075 land segments and the 2002 Agricultural Coverage Evaluation Survey (ACES) added 2,400 segments. Data values a field office associated with NML tracts were used to estimate the state-level undercoverage of the CML for the first set of calibration variables. The state-level totals for these variables were then summed to yield national totals.

The national NML estimate for the number of farms

was used directly in determining calibration targets (CML + NML). State-level farm-count estimates based on the NML sometimes had unacceptably high standard errors, as well as apparent systematic biases. These estimates were smoothed across states based on separate NASS surveys and previous analysis.

Other calibration targets were derived from the NML-estimated fractions of farms of certain types (i.e. in a particular sales class or with a principal operator of a particular race). Most of these had unacceptably high state-level standard errors. As a result, more reliable national-level NML estimates were used to smooth state estimates. The smoothed state NML-estimated fraction was computed by taking a weighted average of the actual state estimate and a prediction for the state based on national- and state-level numbers (i.e., the number of NML farms in the state, the fraction of farms with black owners on the state's CML, and the national relative difference between the fraction of black owners on the NML and CML). The weighting factor was chosen to approximately minimize mean squared error under a random effects model. The smoothed NML-estimated fractions were multiplied by the corresponding smoothed NML farm-count estimates described above and added to corresponding CML estimates to obtain coverage-adjusted state-level totals, that served as calibration targets.

### **Tolerance Ranges**

Although full calibration would assure that the weighted total among census respondents equaled its target for each calibration variable in either set, it was not always possible to calibrate to such a large number of target values while keeping all farm weights within a reasonable range (for example, the weight for any farm cannot be less than one). Because of this and because calibration targets are estimates themselves subject to uncertainty, NASS allowed some tolerance in the determination of coverage-adjusted weights. Rather than forcing the total for each calibration variable computed using the coverage-adjusted weights to equal a specific amount, NASS allowed the estimated total to fall within a tolerance range. This tolerance strategy sometimes made it possible for the calibration algorithm to produce a set of satisfactory coverage-adjusted weights that it would not have otherwise.

Ranges for the first set of calibration variables used to adjust for undercoverage were determined differently from the second set used to adjust for measurement error. The number of farms had no tolerance range. The tolerance range for every other variable in the first set was the estimated state total for the variable (CML + NML) plus or minus one-half of one estimated standard error. This choice limited the cumulative deviation from the estimated total for a variable when state-level totals were combined to create a U.S.-level total. These ranges did not have to be symmetric around the target value.

**Calibration Algorithm**

Coverage adjusted weights were obtained by an algorithm based on the restricted regression algorithm referred to by Singh and Mohl (1996) as the Linear Truncated Method. Coverage adjustments began with the nonresponse weights before integerization. The final coverage-adjusted weights were restricted to the interval [1,6].

The calibration variables were based on the following reported items:

1. Total market value of agricultural products sold and government payments.
 

\$0	\$5,000 - \$24,999
\$1 - \$999	\$25,000 - \$99,999
\$1,000 - \$2,499	\$100,000 - \$499,999
\$2,500 - \$4,999	\$500,000 and above
  
2. Age of principal operator.
 

Less than 25 years old
25 - 34
35 - 44
45 - 54
55 and older
  
3. Sex of principal operator.
 

Female
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4. Race of principal operator (selected categories).
 

Black, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander
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5. Principal operators of Spanish, Hispanic, or Latino origin.
6. Number of farms and land in farms.
7. Number of extreme operations (very large or unusual farms).
8. Selected types of farms by commodity produced.

All cattle farms  
 Dairy farms  
 Hog/pig farms  
 Horse/Equine farms  
 Poultry farms  
 Sheep/goat farms

Fruit/nut/berry farms  
 Nursery/horticulture farms  
 Tobacco farms  
 Vegetable and melon farms

9. Various commodity acreage and production statistics (varies by state).

Beef cow inventory  
 Broiler production  
 Cattle on feed inventory  
 Layer inventory  
 Milk cow inventory  
 Total cattle and calves inventory  
 Total hog and pig inventory

Alfalfa acres harvested (South Dakota only)  
 Apples acres harvested  
 Corn acres harvested  
 Cotton bales produced  
 Grape acres harvested  
 Hay acres harvested  
 Lettuce acres harvested  
 Potato acres harvested  
 Rice acres harvested  
 Soybean acres harvested  
 Sugarbeet acres harvested  
 Sugarcane acres harvested  
 Tobacco acres harvested  
 Tomatoes acres harvested  
 Total orange acres  
 Wheat acres harvested  
 Durum wheat acres harvested (North Dakota only)

Other spring wheat acres harvested (North Dakota only)

## Integerization and Sample Weights

Coverage-adjusted weights were integerized to eliminate the need for rounding estimated counts computed with coverage-adjusted weights. The integerization process minimized county-level impact on the nonresponse and coverage adjustment of number of farms and total land in farms.

Sample weights were computed by multiplying coverage-adjusted weights before integerization with the appropriate sampling factors and adjusting the results to add up to matched census counts as described previously. Sample weights were then integerized.

## Measuring the Amount of Coverage Adjustment

Tables A and C display the proportions of selected census data items that are due to nonresponse and coverage adjustments. The section of this appendix on whole farm nonresponse adjustment explained how the nonresponse adjustment values were determined. The coverage adjustment values account for the rest of the differences between the weighted and unweighted totals for these data items. Some estimated coverage adjustments are negative. The use of commodity targets in calibration indirectly exposed some duplication on the census list resulting in negative coverage adjustments.

## CLASSIFICATION ERROR STUDY

The 2002 Classification Error Study (CES) was conducted for the conterminous U.S. to study the potential impact of classification error on the census results. The study used data from the 2002 June Agricultural Survey (JAS) and the 2002 Agricultural Coverage Evaluation Survey to examine farms incorrectly classified as nonfarms (undercount), nonfarms incorrectly classified as farms (overcount), and duplication of farms (overcount) in the 2002 Census of Agriculture. The CES was not intended to adjust census farm counts, but rather, to evaluate procedures and to identify potential improvements in list building, data collection, and other activities in

preparation for future censuses.

For the evaluation, additional name, address, and telephone information were collected on both the JAS and ACES by adding the following three questions:

1. During the past two years, has the operator received mail for this operation at any address other than the one shown on the face page?
2. Excluding partners and landlords, were any other names associated with this operation in the past two years? (For example, other business names, spouses names, etc).
3. Is any of the land inside the blue tract boundary rented from others? (Include land for which you paid cash rent, land used rent free, or land rented on shares).

The CES consisted of a two phase review process. The initial phase, Review of Possible Matches, used Probabilistic Record Linkage (PRL) to match the additional information collected on the area surveys to the name and addresses on the 2002 Census Mail List (CML) including late adds. PRL is a technique used to identify records that are believed to correspond to a CML record. Records were brought together into link groups, with each link group consisting of all records that possibly represented the same operation. Each link group was classified into one of three distinct types: matches, possible matches and nonmatches. The nonmatches were represented in estimation as part of the undercoverage measure. The CES was primarily concerned with the matches and possible matches. Each field office reviewed the possible matches and determined match or nonmatch status.

Upon completion of the PRL review, the field offices conducted a Farm Classification Resolution review of two additional sets of records. The first of these was comprised of area records matching two or more census records. Reviewing these records helped identify duplication on the CML. The second set consisted of groups of records (area and census) within which the reported acreage differed by more than 25 percent. Analysts reviewed the cases in the second phase. Upon completion of both phases, data were compiled to estimate undercount, overcount and duplication.

The analysis of these data will provide insight into census processes used to accurately determine farm status and identify duplication. Any weaknesses

identified in the findings will be addressed for future censuses.

**Table A. Summary of State Nonresponse and Coverage Adjustments: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Percent from nonresponse adjustment, corrected	Percent from coverage adjustment, corrected	Item	Total	Percent from nonresponse adjustment, corrected	Percent from coverage adjustment, corrected
Farms . . . . . number	90,655	12.4	5.4	Tenure - Con.			
Land in farms . . . . . acres	31,729,490	10.9	3.8	Part owners . . . . . farms	30,265	12.4	4.1
Farms by size:				acres	19,260,548	10.7	3.8
1 to 9 . . . . . farms	4,811	13.4	11.0	Tenants . . . . . farms	10,501	14.3	4.3
acres	25,779	12.9	11.6	acres	3,842,245	12.3	4.2
10 to 49 . . . . . farms	16,278	11.7	10.5	Principal operator characteristics by-			
acres	414,842	11.8	9.6	Sex of operator:			
50 to 179 . . . . . farms	24,250	12.8	4.9	Male . . . . . farms	84,451	12.4	5.4
acres	2,663,910	12.9	4.7	acres	30,747,237	10.8	3.8
180 to 499 . . . . . farms	24,719	13.3	3.3	Female . . . . . farms	6,204	13.1	6.6
acres	7,650,296	13.3	3.0	acres	982,253	14.0	2.7
500 to 999 . . . . . farms	13,063	12.7	2.5	Primary occupation:			
acres	9,083,537	12.6	2.6	Farming . . . . . farms	61,935	12.2	4.7
1,000 to 1,999 . . . . . farms	6,213	10.3	5.1	Other . . . . . farms	28,720	13.0	7.1
acres	8,189,394	10.1	5.1	Spanish, Hispanic,			
2,000 or more . . . . . farms	1,321	2.6	4.8	or Latino origin (see text) . . . . . farms	380	12.9	17.1
acres	3,701,732	2.3	4.4	acres	142,018	9.7	10.8
Market value of agricultural products sold . . . . . \$1,000	12,273,634	7.7	2.2	Race:			
Farms by value of sales:				White . . . . . farms	90,472	12.4	5.4
Less than \$1,000 . . . . . farms	19,668	11.0	11.2	acres	31,696,609	10.9	3.8
\$1,000 . . . . . farms	915	14.0	4.8	Black or African American . . . . . farms	31	16.1	12.9
\$1,000 to \$2,499 . . . . . farms	3,768	14.2	13.5	acres	6,140	12.5	10.2
\$2,500 to \$4,999 . . . . . farms	6,246	14.2	13.2	American Indian or Alaska Native . . . . . farms	61	9.8	29.5
\$4,999 to \$9,999 . . . . . farms	3,737	14.5	3.8	acres	(D)	(D)	(D)
\$1,000 . . . . . farms	13,593	14.5	3.9	Native Hawaiian or Other Pacific Islander . . . . . farms	2	50.0	-50.0
\$5,000 to \$9,999 . . . . . farms	4,902	13.4	2.5	acres	(D)	(D)	(D)
\$1,000 . . . . . farms	35,352	13.4	2.4	Asian . . . . . farms	25	8.0	24.0
\$10,000 to \$19,999 . . . . . farms	6,631	14.3	2.8	acres	2,042	15.4	14.2
\$1,000 . . . . . farms	96,195	14.3	2.7	More than one race reported . . . . . farms	64	10.9	28.1
\$20,000 to \$24,999 . . . . . farms	2,778	14.0	3.6	acres	(D)	(D)	(D)
\$25,000 to \$39,999 . . . . . farms	61,731	14.1	3.6	Reporting primary occupation as farming by age group:			
\$1,000 . . . . . farms	205,720	13.8	4.1	Under 25 years . . . . . farms	628	18.6	6.1
\$40,000 to \$49,999 . . . . . farms	3,601	12.7	5.3	25 to 34 years . . . . . farms	3,408	15.3	3.5
\$1,000 . . . . . farms	160,367	12.7	5.2	35 to 44 years . . . . . farms	11,228	11.7	7.4
\$50,000 to \$99,999 . . . . . farms	11,718	13.7	5.7	45 to 54 years . . . . . farms	15,583	11.8	3.4
\$1,000 . . . . . farms	846,783	13.7	5.5	55 to 64 years . . . . . farms	13,619	12.1	4.0
\$100,000 to \$249,999 . . . . . farms	14,920	14.0	0.1	65 years and over . . . . . farms	17,469	12.2	4.8
\$1,000 . . . . . farms	2,417,878	13.8	0.7	Reporting primary occupation as other than farming by age group:			
\$250,000 to \$499,999 . . . . . farms	7,731	10.8	6.1	Under 25 years . . . . . farms	241	19.1	6.2
\$1,000 . . . . . farms	2,679,591	10.5	6.3	25 to 34 years . . . . . farms	1,874	17.3	3.1
\$500,000 to \$999,999 . . . . . farms	3,246	4.4	1.4	35 to 44 years . . . . . farms	6,103	13.8	9.2
\$1,000 . . . . . farms	2,231,203	4.1	1.4	45 to 54 years . . . . . farms	8,972	12.8	6.3
\$1,000,000 or more . . . . . farms	1,518	1.8	0.0	55 to 64 years . . . . . farms	6,608	12.0	7.4
\$1,000 . . . . . farms	3,518,062	1.4	-0.3	65 years and over . . . . . farms	4,922	11.7	6.9
Farms by type of organization:				All operators by age group <sup>1</sup> :			
Family or individual . . . . . farms	78,699	12.7	5.7	Under 25 years . . . . . farms	2,176	16.0	5.3
acres	24,657,577	11.8	3.9	25 to 34 years . . . . . farms	8,711	15.3	3.5
Partnership . . . . . farms	5,792	12.0	4.1	35 to 44 years . . . . . farms	25,875	12.4	7.3
acres	3,011,172	8.5	3.5	45 to 54 years . . . . . farms	34,290	12.2	4.5
Corporation:				55 to 64 years . . . . . farms	27,149	12.2	5.0
Family held . . . . . farms	4,900	10.2	3.1	65 to 74 years . . . . . farms	17,816	12.2	4.8
acres	3,742,023	7.8	3.3	75 years and over . . . . . farms	9,229	12.2	5.2
Other than family held . . . . . farms	379	8.2	4.2				
acres	120,225	3.6	3.8				
Other - cooperative, estate or trust, institutional, etc . . . . . farms	885	10.6	5.6				
acres	198,493	10.6	4.8				
Tenure:							
Full owners . . . . . farms	49,889	12.1	6.5				
acres	8,626,697	11.0	3.7				

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table B. Reliability Estimates of State Totals: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Root mean squared error (RMSE)	Relative RMSE (percent)	Nonresponse and sampling contribution to MSE (percent)	Coverage adjustment contribution to MSE (percent)
Farms . . . . . number	90,655	1,121	1.2	0.2	99.8
Land in farms . . . . . acres	31,729,490	489,722	1.5	0.7	99.3
Farms by size:					
1 to 9 . . . . . farms	4,811	154	3.2	2.2	97.8
10 to 49 . . . . . acres	25,779	824	3.2	2.6	97.4
50 to 179 . . . . . farms	16,278	354	2.2	1.2	98.8
180 to 499 . . . . . acres	414,842	8,406	2.0	1.9	98.1
500 to 999 . . . . . farms	24,250	359	1.5	2.1	97.9
1,000 to 1,999 . . . . . acres	2,663,910	40,795	1.5	2.3	97.7
2,000 or more . . . . . farms	24,719	384	1.6	2.0	98.0
1,000 to 1,999 . . . . . acres	7,650,296	117,991	1.5	2.2	97.8
2,000 or more . . . . . farms	13,063	224	1.7	3.3	96.7
1,000 to 1,999 . . . . . acres	9,083,537	157,227	1.7	3.3	96.7
2,000 or more . . . . . farms	6,213	135	2.2	4.1	95.9
1,000 to 1,999 . . . . . acres	8,189,394	184,048	2.2	3.8	96.2
2,000 or more . . . . . farms	1,321	39	3.0	3.3	96.7
2,000 or more . . . . . acres	3,701,732	96,981	2.6	2.9	97.1
Market value of agricultural products sold . . . . . \$1,000	12,273,634	171,369	1.4	0.8	99.2
Farms by value of sales:					
Less than \$1,000 . . . . . farms	19,668	506	2.6	0.7	99.3
\$1,000 to \$2,499 . . . . . farms	315	27	2.9	9.4	90.0
\$2,500 to \$4,999 . . . . . farms	3,769	200	5.3	1.0	99.0
\$5,000 to \$9,999 . . . . . farms	6,246	330	5.3	1.1	98.9
\$10,000 to \$19,999 . . . . . farms	3,737	160	4.3	1.6	98.4
\$20,000 to \$24,999 . . . . . farms	13,593	577	4.2	1.8	98.2
\$25,000 to \$39,999 . . . . . farms	4,902	102	2.1	5.9	94.1
\$40,000 to \$49,999 . . . . . farms	35,352	741	2.1	6.3	93.7
\$50,000 to \$99,999 . . . . . farms	6,631	131	2.0	5.4	94.6
\$100,000 to \$249,999 . . . . . farms	96,195	1,912	2.0	5.6	94.4
\$250,000 to \$499,999 . . . . . farms	2,778	64	2.3	10.8	89.2
\$500,000 to \$999,999 . . . . . farms	61,731	1,424	2.3	10.8	89.2
\$1,000,000 to \$249,999 . . . . . farms	6,437	132	2.1	5.6	94.4
\$250,000 to \$499,999 . . . . . farms	205,720	4,238	2.1	5.7	94.3
\$500,000 to \$999,999 . . . . . farms	3,601	80	2.2	9.2	90.8
\$1,000,000 or more . . . . . farms	160,367	3,566	2.2	9.2	90.8
\$1,000,000 or more . . . . . farms	11,718	224	1.9	3.4	96.6
\$1,000,000 or more . . . . . farms	846,783	16,049	1.9	3.6	96.4
\$1,000,000 or more . . . . . farms	14,920	286	1.9	3.6	97.8
\$1,000,000 or more . . . . . farms	2,417,878	46,369	1.9	2.4	97.6
\$1,000,000 or more . . . . . farms	7,731	143	1.8	4.5	95.5
\$1,000,000 or more . . . . . farms	2,679,591	49,292	1.8	4.5	95.5
\$1,000,000 or more . . . . . farms	3,246	127	3.9	1.0	99.0
\$1,000,000 or more . . . . . farms	2,231,203	81,912	3.7	0.9	99.1
\$1,000,000 or more . . . . . farms	1,518	19	1.3	4.6	95.4
\$1,000,000 or more . . . . . farms	3,518,062	34,392	1.0	7.7	92.3
Farms by type of organization:					
Family or individual . . . . . farms	78,699	985	1.3	0.4	99.6
Partnership . . . . . farms	24,657,577	378,844	1.5	1.0	99.0
Corporation: . . . . . farms	5,792	90	1.6	9.3	90.7
Family held . . . . . farms	3,011,172	55,943	1.9	8.7	91.3
Other than family held . . . . . farms	4,900	88	1.8	7.6	92.4
Other - cooperative, estate or trust, institutional, etc . . . . . farms	3,742,023	82,478	2.2	5.6	94.4
Other - cooperative, estate or trust, institutional, etc . . . . . farms	379	14	3.8	21.2	78.8
Other - cooperative, estate or trust, institutional, etc . . . . . farms	120,225	5,592	4.7	17.0	83.0
Other - cooperative, estate or trust, institutional, etc . . . . . farms	885	25	2.9	18.0	82.0
Other - cooperative, estate or trust, institutional, etc . . . . . farms	198,493	9,455	4.8	18.0	82.0
Tenure:					
Full owners . . . . . farms	49,889	673	1.3	0.8	99.2
Part owners . . . . . farms	8,626,697	123,856	1.4	2.8	97.2
Tenants . . . . . farms	30,265	450	1.5	1.4	98.6
Full owners . . . . . acres	19,260,548	331,182	1.7	1.4	98.6
Part owners . . . . . acres	10,501	170	1.6	5.3	94.7
Tenants . . . . . acres	3,842,245	73,442	1.9	6.9	93.1
Principal operator characteristics by-					
Sex of operator:					
Male . . . . . farms	84,451	1,047	1.2	0.3	99.7
Female . . . . . farms	30,747,237	478,407	1.6	0.7	99.3
Male . . . . . acres	6,204	112	1.8	6.9	93.1
Female . . . . . acres	982,253	22,001	2.2	14.9	85.1
Primary occupation:					
Farming . . . . . farms	61,935	806	1.3	0.6	99.4
Other . . . . . farms	28,720	432	1.5	1.5	98.5
Spanish, Hispanic, or Latino origin (see text) . . . . . farms	380	148	38.9	0.2	99.8
Spanish, Hispanic, or Latino origin (see text) . . . . . acres	142,018	50,915	35.9	0.6	99.4
Race:					
White . . . . . farms	90,472	1,119	1.2	0.2	99.8
Black or African American . . . . . farms	31,696,609	489,253	1.5	0.7	99.3
Black or African American . . . . . acres	31	5	16.3	27.2	72.8
American Indian or Alaska Native . . . . . farms	61	9	14.0	11.1	88.9
American Indian or Alaska Native . . . . . acres	(D)	(D)	(D)	(D)	(D)
Native Hawaiian or Other Pacific Islander . . . . . farms	2	1	26.0	90.2	9.8
Native Hawaiian or Other Pacific Islander . . . . . acres	(D)	(D)	(D)	(D)	0.0

See footnote(s) at end of table.

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**Table C. Summary of Nonresponse and Coverage Adjustments by County: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Land in farms			Sales		
	Total (number)	Nonresponse adjustment, attributed (percent)	Coverage adjustment (percent)	Total (acres)	Nonresponse adjustment, attributed (percent)	Coverage adjustment (percent)	Total (\$1,000)	Nonresponse adjustment, attributed (percent)	Coverage adjustment (percent)
<b>STATE TOTAL</b>									
Iowa	90,655	10.6	7.2	31,729,490	10.3	4.4	12,273,634	7.0	3.0
<b>COUNTIES</b>									
Adair	843	3.3	6.3	373,216	2.3	4.2	93,281	1.1	3.4
Adams	567	15.3	6.5	237,824	14.8	4.0	50,935	11.2	4.9
Allamakee	1,083	10.6	5.6	326,122	11.6	1.4	91,025	11.1	-1.9
Appanoose	816	12.5	8.6	235,638	13.9	4.7	25,283	14.4	4.2
Audubon	638	14.9	5.9	281,210	13.5	4.2	112,708	14.4	1.8
Benton	1,186	9.8	6.2	400,654	8.8	3.8	147,953	7.2	2.9
Black Hawk	939	10.9	7.6	275,014	9.4	4.2	114,383	7.1	3.2
Boone	827	9.1	8.9	312,708	7.1	4.7	105,933	4.7	3.3
Booner	956	12.1	5.6	254,923	12.2	2.4	108,067	11.3	-0.5
Buchanan	1,067	12.6	8.1	340,422	11.7	3.6	141,612	9.8	2.6
Buena Vista	825	7.8	6.7	341,677	7.5	4.8	212,736	3.4	2.6
Butler	1,076	9.9	7.4	327,708	9.6	3.5	134,543	6.3	2.7
Calhoun	762	12.9	6.6	340,739	12.7	4.1	140,558	8.8	-2.5
Carroll	1,045	10.0	6.8	364,175	9.4	4.5	264,017	7.5	1.9
Cass	764	11.4	6.9	336,625	10.9	5.5	117,112	6.0	3.8
Cedar	971	12.3	5.8	338,493	10.5	2.2	123,000	7.6	1.6
Cerro Gordo	795	14.2	9.1	323,420	15.3	6.1	112,257	11.9	5.3
Cherokee	837	15.1	7.4	335,410	14.0	6.2	154,661	10.1	5.2
Chickasaw	951	6.5	6.8	271,098	5.9	4.0	119,896	4.0	2.5
Clarke	726	14.0	8.0	216,187	12.8	4.8	43,656	6.4	2.0
Clay	691	10.0	7.1	311,695	9.1	5.9	157,068	4.8	3.6
Clayton	1,601	6.1	5.7	432,724	5.6	2.8	159,948	4.0	1.8
Clinton	1,219	11.6	6.9	387,596	11.3	3.4	138,303	9.8	2.8
Crawford	927	8.8	7.0	445,913	9.2	4.9	157,164	6.3	4.1
Dallas	938	9.8	9.3	309,157	8.0	4.4	92,497	6.5	2.3
Davis	1,007	12.8	9.4	290,887	13.2	5.9	49,638	10.7	5.5
Decatur	788	11.2	8.9	277,928	11.3	5.4	41,980	8.4	3.2
Delaware	1,253	5.8	5.9	345,238	5.8	4.4	190,284	4.6	3.9
Des Moines	674	11.9	8.2	181,197	12.2	4.6	47,499	12.9	4.2
Dickinson	492	11.0	7.9	203,174	10.4	6.2	76,409	8.0	4.2
Dubuque	1,481	11.1	4.7	315,895	11.7	1.2	151,969	10.3	-0.5
Emmet	510	12.4	8.0	235,407	12.0	5.0	106,817	7.3	1.6
Fayette	1,344	3.1	6.8	414,853	3.2	4.3	180,832	2.9	3.7
Floyd	895	10.5	6.6	291,282	10.3	4.1	116,318	8.9	2.3
Franklin	825	11.5	6.3	337,336	11.1	3.9	159,964	7.6	2.5
Fremont	547	11.2	9.1	318,306	9.6	10.2	62,471	8.3	8.1
Greene	727	12.2	7.2	347,078	11.7	4.9	120,067	9.7	3.2
Grundy	724	9.9	6.6	324,139	8.4	2.6	140,343	6.5	2.7
Guthrie	885	7.8	7.8	323,738	7.4	5.6	111,183	3.6	4.3
Hamilton	797	9.8	6.5	348,216	7.5	3.0	234,900	3.2	1.2
Hancock	827	4.8	6.8	322,322	4.1	4.6	141,590	3.2	4.1
Hardin	829	12.5	5.9	327,725	11.8	1.6	251,970	4.9	1.0
Harrison	828	10.6	8.0	428,235	8.6	5.1	111,191	6.6	4.4
Henry	857	4.7	9.2	251,257	5.4	5.8	78,602	3.6	4.4
Howard	891	13.6	5.7	269,400	12.3	3.2	105,236	9.2	2.5
Humboldt	606	13.0	5.8	270,868	12.4	3.5	96,637	10.0	3.0
Ida	618	4.2	7.6	265,986	4.5	4.7	111,381	3.7	3.7
Iowa	1,024	13.0	5.9	340,163	11.9	2.6	132,994	7.5	2.2
Jackson	1,336	5.8	7.0	348,814	6.9	3.4	106,895	6.0	1.6
Jasper	1,212	11.6	8.0	410,347	11.3	5.4	148,941	9.0	4.4
Jefferson	808	15.6	5.8	233,238	17.5	2.6	48,558	15.9	0.8
Johnson	1,261	11.3	7.6	300,882	11.9	4.5	104,626	9.7	3.6
Jones	1,024	9.2	6.3	311,640	9.8	1.7	119,470	8.5	0.8
Keokuk	1,093	6.0	6.1	343,858	5.5	4.4	98,841	5.0	4.9
Kossuth	1,340	9.3	4.9	591,814	8.5	2.8	261,017	6.1	2.1
Lee	945	9.7	9.0	270,342	10.5	5.7	65,581	7.6	6.3
Linn	1,445	9.9	8.5	348,782	10.3	4.9	105,355	8.6	3.1
Louisa	601	12.8	5.5	200,954	13.7	1.8	70,322	10.2	1.3
Lucas	747	15.4	8.6	222,234	16.7	5.7	26,840	13.2	9.3
Lyons	1,045	16.2	6.0	341,534	15.3	4.0	247,896	9.7	2.6
Madison	990	10.9	10.9	304,333	10.5	5.9	70,502	7.0	4.2
Mahaska	1,043	12.0	6.0	328,579	11.4	3.5	132,748	7.3	3.2
Marion	1,051	13.3	9.1	276,782	13.6	5.1	68,462	10.1	4.4
Marshall	848	12.5	7.2	335,043	11.8	3.5	132,095	9.3	2.2
Mills	462	13.9	8.7	247,254	14.7	6.3	48,118	13.1	6.5
Mitchell	828	10.7	7.4	289,259	10.2	5.6	154,588	5.8	3.4
Monona	625	13.8	6.1	392,430	10.8	4.5	105,085	8.5	3.6
Monroe	714	14.6	8.8	252,743	14.3	7.2	40,933	11.7	4.8
Montgomery	583	6.2	6.3	242,588	7.2	3.8	82,529	4.9	2.2
Muscatine	816	6.7	8.2	229,950	7.3	5.8	72,148	6.7	4.6
O'Brien	993	8.5	6.7	362,365	7.9	4.6	204,312	4.8	3.8
Osceola	636	14.3	6.0	257,044	13.1	4.6	162,708	6.7	1.8
Page	873	10.1	7.7	339,086	10.1	6.3	69,151	8.8	6.9
Palo Alto	783	10.6	5.6	326,884	9.4	4.1	191,107	4.9	1.9
Plymouth	1,339	12.9	6.3	531,053	11.8	4.5	278,393	7.2	2.8
Pocahontas	730	8.9	6.2	354,398	8.4	4.3	142,119	5.6	3.6
Polk	764	13.4	11.1	227,069	12.4	5.9	68,517	8.6	6.1
Pottawattamie	1,255	12.2	9.4	540,288	12.3	5.6	163,267	9.2	3.9
Poweshiek	925	13.3	5.8	344,840	12.6	3.3	111,061	9.6	3.4
Ringgold	758	14.6	6.7	299,426	15.5	3.8	51,519	11.7	1.1
Sac	791	15.0	7.1	339,426	13.7	4.6	183,349	7.3	4.2
Scott	750	12.3	7.6	228,692	10.8	3.6	95,715	9.2	2.4
Shelby	868	14.9	6.3	348,104	15.0	4.2	123,917	11.6	4.0
Sioux	1,673	11.7	6.8	505,175	10.2	4.0	616,854	5.1	1.3
Story	977	11.8	7.9	359,604	10.8	4.2	118,730	9.8	3.0
Tama	1,159	4.8	6.4	417,917	4.4	4.4	128,028	4.0	4.6
Taylor	794	15.4	5.9	308,340	14.6	5.2	60,210	10.1	5.3
Union	698	17.0	6.2	238,034	18.0	1.8	62,890	11.5	0.6
Van Buren	870	6.7	9.9	253,255	6.2	6.5	47,872	4.1	4.5

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**Table C. Summary of Nonresponse and Coverage Adjustments by County: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Land in farms			Sales		
	Total (number)	Nonresponse adjustment, attributed (percent)	Coverage adjustment (percent)	Total (acres)	Nonresponse adjustment, attributed (percent)	Coverage adjustment (percent)	Total (\$1,000)	Nonresponse adjustment, attributed (percent)	Coverage adjustment (percent)
<b>COUNTIES - Con.</b>									
Wapello .....	845	15.5	10.4	206,138	18.2	5.6	37,826	16.5	5.1
Warren .....	1,338	11.1	11.0	299,216	13.9	6.2	53,441	11.7	6.0
Washington .....	1,200	9.8	6.3	334,564	9.1	3.8	174,819	4.4	4.3
Wayne .....	788	14.3	6.9	304,983	13.6	6.4	41,250	12.5	7.6
Webster .....	932	8.7	6.8	417,019	7.7	4.5	153,972	5.7	3.4
Winnebago .....	631	12.0	8.2	240,310	12.3	5.7	97,828	7.5	3.9
Winneshiek .....	1,501	4.7	7.0	380,034	5.4	3.6	148,428	4.7	2.0
Woodbury .....	1,148	11.1	8.9	442,152	9.5	5.4	142,345	7.3	2.2
Worth .....	588	11.6	8.3	224,206	11.2	5.4	67,838	9.6	5.0
Wright .....	752	5.2	7.3	345,490	5.0	4.9	225,747	2.0	1.9



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## Appendix D. **Report Forms and Instruction Sheets**

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The report forms and instruction sheets are shown on the following pages.

**DUE BY FEBRUARY 3, 2003**

OMB No. 0535-0226: Approval Expires 10/31/2004

**NOTICE** - Response to this inquiry is required by law (Title 7, U.S. Code). By the same law, YOUR REPORT IS CONFIDENTIAL and it will only be used for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

### UNITED STATES 2002 CENSUS OF AGRICULTURE

02-A0202

Form Number: 02-A0202  
(01/17/02)



**United States  
Department of  
Agriculture**

Please return your  
completed report to:

**Census of Agriculture  
1201 East 10th Street  
Jeffersonville, IN 47132**

**OFFICE USE ONLY**

**USE BLUE OR BLACK BALL POINT PEN**

*Please make corrections to name, address, and ZIP Code if necessary.*

011	012	013
014	015	016

**EVERYONE WHO RECEIVES A FORM MUST RETURN ONE.  
YOUR RESPONSE IS DUE BY FEBRUARY 3, 2003.**

#### SPECIAL SITUATIONS?

- ◆ Form does not apply to me
- ◆ Partial year operations
- ◆ No longer farming or ranching
- ◆ Never farmed
- ◆ CRP land only
- ◆ Involved in more than one operation
- ◆ Specialty commodities (elk, nursery, fish, horses, etc.)

**Refer to the detailed instructions  
in the enclosed instruction sheet.**

**Duplicate forms** - If you received extra census report forms for the **SAME** farming or ranching operation:

1. Enter the 12-digit ID(s), printed in the address area of those extra forms, in the boxes provided to the right. →
2. Return all report forms in the same envelope with this completed report.

	Duplicate IDs											
009												
010												



**National Agricultural  
Statistics Service**

**MORE QUESTIONS?  
CALL THE TOLL FREE HELP LINE!**

**1-888-424-7828**

**PENALTY FOR FAILURE TO REPORT**



SECTION 2
LAND -

Report how the ACRES in "THIS OPERATION" were USED in 2002. Report land only once. Report land in the first item that applies. For example: Land that was both pastured (item 1b) and harvested (item 1a) should be reported only in cropland harvested.

(Include land in CRP, WRP, and other State and Federal programs. Exclude land rented TO OTHERS.)

### LAND USE

**1. Cropland**

**a. Cropland harvested** (Include all land from which crops were harvested or hay was cut and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.) None NUMBER OF ACRES

787 | | | | | | | | | |

**b. Cropland used only for pasture or grazing** (Include rotation pasture and grazing land that could have been used for crops without additional improvements.) None NUMBER OF ACRES

788 | | | | | | | | | |

**c. Cropland on which all crops failed or were abandoned** (Exclude land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 1a.) None NUMBER OF ACRES

790 | | | | | | | | | |

**d. Cropland idle or used for cover crops or soil-improvement but NOT harvested and NOT pastured or grazed** None NUMBER OF ACRES

1062 | | | | | | | | | |

**e. Cropland in cultivated summer fallow** None NUMBER OF ACRES

791 | | | | | | | | | |

**2. Woodland** (Include all woodlots, timber tracts, and cut over and deforested land with young timber growth.)

**a. Woodland pastured** None NUMBER OF ACRES

794 | | | | | | | | | |

**b. Woodland not pastured** (Include sugarbush.) None NUMBER OF ACRES

795 | | | | | | | | | |

**3. Permanent pasture and rangeland** (Include any pastured land other than cropland and woodland.) None NUMBER OF ACRES

796 | | | | | | | | | |

**4. All other land - Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.** None NUMBER OF ACRES

797 | | | | | | | | | |

**5. TOTAL ACRES - ADD the acres reported in items 1 through 4. Should be the same acres as those reported in section 1, item 4.** None NUMBER OF ACRES

798 | | | | | | | | | |

### CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES

**6. Of the total acres reported in item 5, how many acres were -** None NUMBER OF ACRES

**a. Covered under a Federal or other crop insurance policy?** None NUMBER OF ACRES

1067 | | | | | | | | | |

**b. Enrolled in the Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP)?** None NUMBER OF ACRES

683 | | | | | | | | | |

**c. Used to raise certified organically produced crops?** None NUMBER OF ACRES

1069 | | | | | | | | | |

### IRRIGATION

**7. Were any of the total acres reported in item 5 irrigated by sprinklers, flooding, ditches or furrows, drip or trickle irrigation, etc.?**

1065

1  **YES - Continue with item a**    3  **NO - Go to section 3** None NUMBER OF ACRES IRRIGATED

**a. Acres of harvested land irrigated** (Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.) None NUMBER OF ACRES IRRIGATED

680 | | | | | | | | | |

**b. Acres of pastureland, rangeland, and other land irrigated** None NUMBER OF ACRES IRRIGATED

681 | | | | | | | | | |



### SECTION 3 CROPS -

Were any of the following FIELD CROPS, HAY and FORAGE CROPS, WOODLAND CROPS, and OTHER FIELD and FORAGE CROPS harvested from "THIS OPERATION" in 2002? (Report fruit and nut crops, nursery, greenhouse, floriculture, mushrooms, sod, vegetables, and berries in sections 5 through 8.)

*(Include landlord's share. Exclude crops grown on land rented TO OTHERS.)*

1011 1  YES - Complete this section 3  NO - Go to section 4

#### FIELD CROPS

			ACRES HARVESTED	QUANTITY HARVESTED		ACRES IRRIGATED
1. Corn for grain or seed → <input type="checkbox"/>	None	067		1	Bu.	2
2. Corn for silage or greenchop → <input type="checkbox"/>		070		1	Tons	2
3. Soybeans for beans → <input type="checkbox"/>		088		1	Bu.	2
4. Dry edible beans (Exclude limas.) → <input type="checkbox"/>		554		1	Cwt.	2
5. Winter wheat for grain or seed harvested in 2002 → <input type="checkbox"/>		572		1	Bu.	2
6. Oats for grain or seed → <input type="checkbox"/>		076		1	Bu.	2
7. Barley for grain or seed → <input type="checkbox"/>		079		1	Bu.	2
8. Rye for grain or seed (Exclude ryegrass.) → <input type="checkbox"/>		686		1	Bu.	2
9. Sorghum for grain or seed, including milo → <input type="checkbox"/>		082		1	Bu.	2
10. Sorghum for silage or greenchop (Report sorghum-sudan crosses in section 3, item 26.) → <input type="checkbox"/>		085		1	Tons	2
11. Popcorn → <input type="checkbox"/>		662		1	Lbs., shelled	2
12. Sugarbeets for sugar → <input type="checkbox"/>		719		1	Tons	2
13. Proso millet for grain or seed → <input type="checkbox"/>		665		1	Bu.	2
14. Sunflower seed - oil varieties → <input type="checkbox"/>		773		1	Lbs.	2
15. Sunflower seed - non-oil varieties → <input type="checkbox"/>		776		1	Lbs.	2
16. Mint - peppermint → <input type="checkbox"/>		047		1	Lbs. of oil	2
17. Mint - spearmint → <input type="checkbox"/>		050		1	Lbs. of oil	2

	None	ACRES HARVESTED		1	QUANTITY HARVESTED	2	ACRES IRRIGATED	
		WHOLE ACRES	Tenths				WHOLE ACRES	Tenths
18. Tobacco - all types	<input type="checkbox"/>	094				Lbs.		
19. Potatoes (Exclude those grown in home gardens.)	<input type="checkbox"/>	097				Cwt.		
20. Sweet potatoes and yams (Exclude those grown in home gardens.)	<input type="checkbox"/>	100				Cwt.		

**HAY and FORAGE CROPS**

When both dry hay (items 21-24) and haylage, etc. (items 25-26) were cut from the same acres, report acres for each type.

If two or more cuttings were made from the same acres, report acres for that item only once, but report the total quantity harvested from all cuttings.

**DRY HAY**

	None	ACRES HARVESTED		1	QUANTITY HARVESTED	2	ACRES IRRIGATED	
		WHOLE ACRES	Tenths				WHOLE ACRES	Tenths
21. Alfalfa and alfalfa mixtures for dry hay	<input type="checkbox"/>	103				Tons, dry		
22. Small grain dry hay - barley, oats, rye, wheat, etc.	<input type="checkbox"/>	106				Tons, dry		
23. Other tame dry hay - clover, fescue, lespedeza, timothy, Bermuda grass, Sudangrass, sorghum hay, etc.	<input type="checkbox"/>	109				Tons, dry		
24. Wild dry hay	<input type="checkbox"/>	112				Tons, dry		

**HAYLAGE, GRASS SILAGE, and GREENCHOP**

	None	ACRES HARVESTED		1	QUANTITY HARVESTED	2	ACRES IRRIGATED	
		WHOLE ACRES	Tenths				WHOLE ACRES	Tenths
25. Haylage or greenchop from alfalfa or alfalfa mixtures	<input type="checkbox"/>	1070				Tons, green		
26. All other haylage, grass silage, and greenchop	<input type="checkbox"/>	1073				Tons, green		

**TOTAL HAY and FORAGE CROPS**  
(Exclude corn silage, sorghum silage, and straw.)

	None	ACRES HARVESTED		1021	ACRES IRRIGATED		1022
		WHOLE ACRES	Tenths		WHOLE ACRES	Tenths	
27. All land from which dry hay, haylage, grass silage, or greenchop was cut or forage was harvested (When both dry hay and haylage, grass silage, or greenchop were cut or when there were multiple cuttings, report acres only once.)	<input type="checkbox"/>						

### WOODLAND CROPS

28. Cut Christmas trees - cut or to be cut  
*(Report live trees sold in section 5.)* →  None 1023

ACRES IN PRODUCTION	NUMBER OF TREES CUT
1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0

29. Short rotation woody crops  
*(Trees with growth cycles of 10 years or less. Report nursery stock in section 5.)* →  1025

ACRES IN PRODUCTION	ACRES HARVESTED
1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0

30. Maple syrup →  800

NUMBER OF TAPS	SYRUP PRODUCED (GALLONS)
1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0

### OTHER FIELD and FORAGE CROPS

*(Report fruit and nut crops, nursery, greenhouse, floriculture, mushrooms, sod, vegetables, and berries in sections 5 through 8.)*

31. For those crops not listed, enter the crop name and crop code from the list below for any other field and forage crop harvested in 2002. Report quantity harvested in the unit specified with the crop name.

CROP NAME	CROP CODE	ACRES HARVESTED	QUANTITY HARVESTED	ACRES IRRIGATED
Alfalfa seed (pounds)	5 4 2	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9 0
Bromegrass seed (pounds)	5 6 9	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9 0
Emmer and spelt (bushels)	5 9 9	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9 0
Fescue seed (pounds)	6 0 2	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9 0
Red clover seed (pounds)	6 7 1	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9 0
Upland cotton (bales)	5 8 1	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9 0
		1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9 0
		1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9 0
		1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9 0
		1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	2 3 4 5 6 7 8 9 0

*If more space is needed, use a separate sheet of paper.*

CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE
Amaranth (pounds) . . . . .	545	Orchardgrass seed (pounds) . . . . .	653	Sudangrass seed (pounds) . . . . .	713	Vetch seed (pounds) . . . . .	755
Buckwheat (bushels) . . . . .	575	Redtop seed (pounds) . . . . .	674	Sweetclover seed (pounds) . . . . .	737	Wheatgrass seed (pounds) . . . . .	758
Canola (pounds) . . . . .	614	Ryegrass seed (pounds) . . . . .	689	Timothy seed (pounds) . . . . .	746	Other field and forage crops (pounds) - specify above . . . . .	752
Ginseng (pounds) . . . . .	767	Safflower (pounds) . . . . .	692	Triticale (bushels) . . . . .	749		
Lespedeza seed (pounds) . . . . .	638	Sorghum for syrup (pounds) . . . . .	704				

**SECTION 4 GRAIN STORAGE CAPACITY -**

Were any facilities to store WHOLE GRAINS or OILSEEDS on "THIS OPERATION" on December 31, 2002?

<sup>1028</sup> 1  YES - Complete this section 3  NO - Go to section 5

1. What is the total whole grain and oilseed storage capacity on "THIS OPERATION?" (Include capacity of all structures normally used for storing whole grain and oilseeds on the total acres operated.)

BUSHELLS									

**SECTION 5 NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, and VEGETABLE SEEDS -**

Were any NURSERY, GREENHOUSE, and FLORICULTURE CROPS including MUSHROOMS, SOD, or VEGETABLE SEEDS GROWN FOR SALE on "THIS OPERATION" in 2002?

(Include bulbs, flowers, flower seeds, vegetable seeds and plants, and vegetables under glass or other protection.)

<sup>1032</sup> 1  YES - Complete this section 3  NO - Go to section 6

1. Nursery, greenhouse, floriculture, sod, mushrooms, and vegetable seeds irrigated in 2002

AREA IRRIGATED									
SQUARE FEET					WHOLE ACRES				

2. From the list below, enter the crop name and crop code for each crop grown. (Report fresh cut herbs grown under glass or other protection as greenhouse produced vegetables.)

CROP NAME	CROP CODE	SQUARE FEET UNDER GLASS OR OTHER PROTECTION IN 2002	ACRES IN THE OPEN IN 2002	
			WHOLE ACRES	Tenths

If more space is needed, use a separate sheet of paper.

CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE
Aquatic plants . . . . .	.880	Foliage plants . . . . .	.707	Potted flowering plants . . . . .	.710
Bedding/Garden plants - annuals, herbaceous perennials, and vegetable plants . . . . .	.479	Greenhouse produced vegetables . . . . .	.503	Sod harvested . . . . .	.497
Bulbs, corms, rhizomes, and tubers - dry . . . . .	.482	Mushrooms - report growing area . . . . .	.494	Vegetable seeds . . . . .	.884
Cut flowers and cut florist greens . . . . .	.485	Nursery stock - ornamentals, shrubs, shade trees, live Christmas trees, fruit and nut trees, and vines . . . . .	.488	Other nursery and greenhouse - specify above . . . . .	.506
Flower seeds . . . . .	.882				

### SECTION 6 VEGETABLES and MELONS -

Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from "THIS OPERATION" in 2002? (Report crops grown under protection in section 5.)  
(Exclude those grown in home gardens.)

1101  YES - Complete this section     NO - Go to section 7

TOTAL ACRES	
WHOLE ACRES	Tenths
375	

ACRES IRRIGATED	
WHOLE ACRES	Tenths
376	

1. Land from which vegetables and melons were harvested in 2002 (Report multiple cropped acreage only once.)

2. For those crops not listed, enter the crop name and crop code from the list below for each crop harvested in 2002. (If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.)

CROP NAME	CROP CODE	TOTAL ACRES HARVESTED		ACRES HARVESTED FOR PROCESSING	
		WHOLE ACRES	Tenths	WHOLE ACRES	Tenths
Beans, snap (bush and pole)	3 8 1			2	
Peppers, Bell	4 4 3			2	
Peppers, Chile (all peppers - excluding Bell)	4 4 5			2	
Pumpkins	4 4 9			2	
Sweet corn	4 6 1			2	
Tomatoes	4 6 3			2	
				2	
				2	
				2	
				2	
				2	

*If more space is needed, use a separate sheet of paper.*

CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE
Asparagus . . . . .	379	Cauliflower . . . . .	399	Herbs, fresh cut. . . . .	455	Mustard greens . . . . .	431	Rhubarb . . . . .	453
Beets . . . . .	383	Celery . . . . .	401	Honeydew melons . . . . .	423	Okra . . . . .	437	Spinach . . . . .	457
Broccoli . . . . .	385	Chicory . . . . .	403	Kale . . . . .	425	Onions, dry . . . . .	433	Squash . . . . .	459
Cabbage, head . . . . .	391	Collards . . . . .	407	Lettuce, head. . . . .	428	Onions, green . . . . .	435	Turnip greens . . . . .	467
Cantaloups and muskmelons . . . . .	395	Cucumbers and pickles . . . . .	411	Lettuce, leaf. . . . .	430	Parsley . . . . .	439	Turnips . . . . .	465
Carrots . . . . .	397	Eggplant . . . . .	415	Lettuce, romaine . . . . .	432	Peas, green . . . . .	441	Watermelons . . . . .	473
		Garlic . . . . .	421	Lima beans, green. . . . .	429	Radishes . . . . .	451	Other vegetables - specify above . . . . .	475

**SECTION 7 FRUITS and NUTS -**

Was there a combined total of 20 or more FRUIT or NUT TREES, including GRAPEVINES on "THIS OPERATION" in 2002? (Report berries in section 8.)

<sup>1047</sup> 1  YES - Complete this section    3  NO - Go to section 8

1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, vineyards, and nut trees on "THIS OPERATION." (Exclude abandoned acres.)

TOTAL ACRES		ACRES IRRIGATED	
WHOLE ACRES	Tenths	WHOLE ACRES	Tenths
121		122	

2. For those crops not listed, enter the crop name and crop code from the list below for the other fruit and nut trees on "THIS OPERATION" in 2002. (Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.)

CROP NAME	CROP CODE			TOTAL ACRES		BEARING ACRES		NONBEARING ACRES	
	1	2	3	WHOLE ACRES	Tenths	WHOLE ACRES	Tenths	WHOLE ACRES	Tenths
Apples	1	2	3	2		1			
Grapes	3	6	6	2		1			
Peaches	2	2	8	2		1			
Pears	2	4	6	2		1			
Pecans	3	3	9	2		1			
Plums and prunes	2	5	2	2		1			
			2			1			
			2			1			
			2			1			
			2			1			

If more space is needed, use a separate sheet of paper.

CROP NAME	CODE	CROP NAME	CODE
Apricots .....	129	Nectarines .....	201
Cherries, sweet .....	345	Persimmons .....	237
Cherries, tart .....	587	Other fruit and nuts - specify above .....	369

**SECTION 8**
**BERRIES -**

Were any STRAWBERRIES or OTHER BERRIES harvested FOR SALE from "THIS OPERATION" in 2002?  
*(Exclude those grown in home gardens.)*

1041  **YES - Complete this section**    3  **NO - Go to section 9**

TOTAL ACRES	
WHOLE ACRES	Tenths
1043	1044

ACRES IRRIGATED	
WHOLE ACRES	Tenths
1043	1044

1. Land from which berries were harvested in 2002 →

2. From the list below, report acreage harvested.

CROP NAME		ACRES HARVESTED		CROP NAME		ACRES HARVESTED
Blackberries and dewberries →	509	WHOLE ACRES	Tenths	Strawberries →	536	WHOLE ACRES
Blueberries, tame →	512			Other berries specify →	539	
Raspberries →	492					

*If more space is needed, use a separate sheet of paper.*

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**SECTION 9**
**HOGS and PIGS -**

Did YOU or ANYONE ELSE have any hogs or pigs on "THIS OPERATION" during 2002?  
*(Include hogs grown for others on a contract basis. Contractors or integrators only report hogs on land you operate. Exclude hogs grown by someone else on contract.)*

1211  **YES - Complete this section**    3  **NO - Go to section 10**

**DECEMBER 31, 2002, INVENTORY**

1. Of the total number of hogs and pigs on hand, how many were -

a. HOGS and PIGS used or to be used for BREEDING? →  816

b. Other hogs and pigs, including market hogs? →  817

2. TOTAL HOGS and PIGS on hand December 31, 2002 - ADD items 1a and 1b →  815

NUMBER ON THIS OPERATION DECEMBER 31, 2002

**HOGS AND PIGS SOLD FROM "THIS OPERATION" IN 2002**

3. Number of HOGS and PIGS sold or moved from "THIS OPERATION" in 2002, including feeder pigs →  820

NUMBER

**TYPE OF OPERATION and PRODUCER**

4. Mark the item(s) which best describes this operation.

1241  Farrow to wean    1242  Farrow to finish    1243  Finish only

1244  Farrow to feeder    1245  Nursery    1246  Other - specify →

5. Mark the item(s) which best describes this producer.

1214  Independent grower    1215  Contractor or integrator    1216  Contract grower (contractee)

**SECTION 10 CATTLE and CALVES -**

Did YOU or ANYONE ELSE have any cattle or calves, including dairy cattle, on "THIS OPERATION" in 2002?

*(Include cattle on land used rent free. Include cattle on public, private, or industrial property under a grazing permit.)*

<sup>1201</sup>  **YES - Complete this section** <sup>3</sup>  **NO - Go to section 11**

**DECEMBER 31, 2002, INVENTORY**

*(Include cattle grown or fed on "THIS OPERATION" for others on a custom or contract basis. Exclude any of your cattle grown or fed by someone else on a custom or contract basis.)*

<p>1. Of the total number of cattle and calves on hand, how many were -</p> <p>a. BEEF COWS? <i>(Include beef heifers that had calved.)</i> →</p> <p>b. MILK COWS, both dry or in milk? <i>(Include milk heifers that had calved.)</i> →</p> <p>c. OTHER CATTLE <i>(heifers, steers, calves, and bulls combined)?</i> →</p> <p>2. TOTAL CATTLE and CALVES on hand December 31, 2002 - ADD items 1a and 1b and 1c →</p> <p>3. Of the total cattle and calves reported in item 2 above, how many were <b>ON FEED</b> December 31, 2002, that were or will be shipped directly from your feedlot to slaughter market? →</p>	<p>None ▲</p> <p>804</p> <p>805</p> <p>1206</p> <p>803</p> <p>1207</p>	<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="10">NUMBER ON THIS OPERATION DECEMBER 31, 2002</th> </tr> <tr> <td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td> </tr> <tr> <td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td> </tr> <tr> <td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td> </tr> </table>	NUMBER ON THIS OPERATION DECEMBER 31, 2002																																							
NUMBER ON THIS OPERATION DECEMBER 31, 2002																																										

**CATTLE and CALVES SOLD FROM "THIS OPERATION" IN 2002**

*(Include those fed on "THIS OPERATION" on a custom or contract basis. Also report as sold cattle moved from "THIS OPERATION" to a feedlot for further feeding.)*

<p>4. Of the CATTLE and CALVES sold or moved from "THIS OPERATION" during 2002, how many were -</p> <p>a. CALVES sold in 2002 weighing less than 500 pounds? →</p> <p>b. CATTLE sold in 2002, including calves weighing 500 pounds or more? →</p> <p>5. Of the cattle reported sold in item 4b above, how many were <b>ON FEED</b> that were shipped directly from your feedlot to the slaughter market? <i>(Exclude any of your cattle being custom fed in feedlots operated by others. Exclude cattle sold as feeders.)</i> →</p>	<p>None</p> <p>808</p> <p>810</p> <p>812</p>	<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="10">NUMBER</th> </tr> <tr> <td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td> </tr> <tr> <td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td> </tr> <tr> <td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td><td style="width: 10%;"> </td> </tr> </table>	NUMBER																																							
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**SECTION 11 POULTRY -**  
 Did YOU or ANYONE ELSE have any poultry, such as chickens, turkeys, ducks, emus, ostriches, etc., on "THIS OPERATION" in 2002?  
 (Include poultry grown for others on a contract basis.)

1217 1  YES - Complete this section 3  NO - Go to section 12

		None	INVENTORY ON THIS OPERATION DECEMBER 31, 2002		TOTAL NUMBER SOLD OR MOVED FROM THIS OPERATION IN 2002
1. Chickens -					
a. Layers 20 weeks old and older for table and hatching eggs →	<input type="checkbox"/>	892		893	
b. Pullets for laying flock replacement →	<input type="checkbox"/>	1221		895	
c. Broilers, fryers, and other chickens raised for meat production, including capons and roasters →	<input type="checkbox"/>	898		899	
2. Turkeys →	<input type="checkbox"/>	1223		1224	
3. Ducks →	<input type="checkbox"/>	904		905	
4. Emus →	<input type="checkbox"/>	845		846	
5. Geese →	<input type="checkbox"/>	906		907	
6. Ostriches →	<input type="checkbox"/>	878		879	
7. Pheasants →	<input type="checkbox"/>	910		911	
8. Pigeons or squab →	<input type="checkbox"/>	908		909	
9. Quail →	<input type="checkbox"/>	912		913	
10. All other poultry - specify ↴	<input type="checkbox"/>	914		915	
11. POULTRY HATCHED on "THIS OPERATION" in 2002 (chickens, turkeys, ducks, etc.) - specify kind(s) of poultry →					
	<input type="checkbox"/>	None	916	NUMBER	

**SECTION 12 OTHER ANIMALS and THEIR PRODUCTS and AQUACULTURE -**  
 Did YOU or ANYONE ELSE have any horses, sheep, bees, goats, fish and other aquaculture, other livestock, or animal specialties on "THIS OPERATION" in 2002?

1237  **YES - Complete this section**  **NO - Go to section 13**

		None	INVENTORY ON THIS OPERATION DECEMBER 31, 2002		None	TOTAL NUMBER SOLD IN 2002
1. Horses and ponies of all ages →	<input type="checkbox"/>	830			<input type="checkbox"/>	
2. Sheep and lambs of all ages (owned) →	<input type="checkbox"/>	824			<input type="checkbox"/>	
a. Ewes 1 year old or older (owned) →	<input type="checkbox"/>	826				
3. Milk goats →	<input type="checkbox"/>	843			<input type="checkbox"/>	
4. Angora goats →	<input type="checkbox"/>	847			<input type="checkbox"/>	
5. Meat and other goats →	<input type="checkbox"/>	851			<input type="checkbox"/>	
6. Colonies of bees (owned) →	<input type="checkbox"/>	839			<input type="checkbox"/>	
7. Other livestock and animals - From the list below, enter the name and code for other livestock raised in captivity - <b>Report emus and ostriches in section 11, Poultry.</b>						

OTHER LIVESTOCK NAME	CODE	INVENTORY ON THIS OPERATION DECEMBER 31, 2002	TOTAL NUMBER SOLD IN 2002
			1
			1

NAME	CODE	NAME	CODE	NAME	CODE
Bison .....	886	Llama .....	874	Rabbits (include pelts.) .....	854
Deer .....	888	Mink (include pelts.) .....	836	Other livestock - specify above .....	857
Elk .....	890	Mules, burros, and donkeys .....	833		

**LIVESTOCK and ANIMAL PRODUCTS**

		None	PRODUCTION IN 2002	UNIT
8. Wool (pounds shorn) →	<input type="checkbox"/>	828		pounds
9. Mohair (pounds clipped) →	<input type="checkbox"/>	849		pounds
10. Honey (pounds) →	<input type="checkbox"/>	841		pounds
11. Other livestock products - specify type and unit →	<input type="checkbox"/>	970		

**AQUACULTURE**

12. From the list below, enter the name and code for fish and other aquaculture products.

AQUACULTURE NAME	CODE	TOTAL POUNDS SOLD IN 2002	TOTAL NUMBER SOLD OR MOVED IN 2002
			OR 1
			OR 1

NAME	CODE	NAME	CODE	NAME	CODE
Catfish .....	860	Baitfish .....	900	Sport or game fish .....	984
Trout .....	863	Crustaceans .....	902	Other fish - specify above .....	866
Other food fish - specify above .....	896	Mollusks .....	978	Other aquaculture products - specify above .....	869
		Ornamental fish .....	980		

**SECTION 13 PRODUCTION CONTRACTS and CUSTOM FEEDING -**

1. In 2002, did "THIS OPERATION" custom feed for others any livestock or poultry that it did not own?  
 1300  YES - Go to item 5                      3  NO - Continue
2. Did "THIS OPERATION" raise any crop, livestock, or poultry that it did not own?  
 1301  YES - Continue                                      3  NO - Go to section 14
3. Did the owner (contractor) of the commodity provide any inputs (such as feed or seed)?  
 1302  YES - Continue                                      3  NO - Go to section 14
4. Did "THIS OPERATION" receive a fee or percentage of the production for raising the commodity?  
 1303  YES - Continue                                      3  NO - Go to section 14
5. How many units (head, bushels, etc.) of the following contract commodities were raised and delivered from "THIS OPERATION" in 2002?  
 (Exclude commodities raised for marketing contracts.)
 

		None	QUANTITY DELIVERED										UNIT			
a. Broilers and other meat-type chickens →	<input type="checkbox"/>	1304														birds
b. Eggs (chicken) →	<input type="checkbox"/>	1305														dozen eggs
c. Pullets for laying flock replacement →	<input type="checkbox"/>	1306														birds
d. Turkeys →	<input type="checkbox"/>	1307														birds
e. Custom fed cattle (Exclude cattle custom fed for you by others.) →	<input type="checkbox"/>	1308														head
f. Hogs and pigs →	<input type="checkbox"/>	1309														head
g. Other livestock, poultry, or aquaculture - specify type and unit →	<input type="checkbox"/>	1310														
h. Grains and oilseeds →	<input type="checkbox"/>	1311														bushels
i. Vegetables, melons, potatoes, and sweet potatoes - specify type and unit →	<input type="checkbox"/>	1312														
j. Other crops - specify type and unit →	<input type="checkbox"/>	1313														
6. What was the total dollar amount "THIS OPERATION" received in 2002 for delivering commodities under production contracts? 1314
 

	TOTAL DOLLARS	
→		0 0
7. Mark all expenses that were partially or completely paid by contractor(s).
 

1315 <input type="checkbox"/> None	1318 <input type="checkbox"/> Fertilizer and lime	1321 <input type="checkbox"/> Fuels	1324 <input type="checkbox"/> Breeding livestock
1316 <input type="checkbox"/> Feeder livestock and poultry	1319 <input type="checkbox"/> Chemicals	1322 <input type="checkbox"/> Utilities	1325 <input type="checkbox"/> Seed
1317 <input type="checkbox"/> Feed	1320 <input type="checkbox"/> Supplies	1323 <input type="checkbox"/> Veterinary services	1326 <input type="checkbox"/> Other - specify ↴
8. Contractor's name and phone number.
 

Name	
1327	
Area Code and Phone Number	
1328	

020214

**SECTION 14 VALUE OF SALES -**

Report value of agricultural products sold from **"THIS OPERATION"** in 2002, including the value of the landlord's share, before marketing charges, hauling, etc.

*(Exclude dollars for items produced under production contracts, section 13.)*

	None	DOLLARS												
1. <b>GRAINS, OILSEEDS, DRY BEANS, and DRY PEAS</b> <i>(corn, flaxseed, grain silage and forage, grains and oilseeds, popcorn, rice, small grains, sorghum, soybeans, sunflowers, straw, etc.)</i> →	<input type="checkbox"/>	1331											0	0
2. <b>TOBACCO</b> →	<input type="checkbox"/>	1332											0	0
3. <b>COTTON and COTTONSEED</b> →	<input type="checkbox"/>	1333											0	0
4. <b>VEGETABLES, MELONS, POTATOES, and SWEET POTATOES</b> <i>(beets, cabbage, cantaloups, pumpkins, sweet corn, tomatoes, watermelons, vegetable seeds, etc.)</i> →	<input type="checkbox"/>	1334											0	0
5. <b>FRUIT, TREE NUTS, and BERRIES</b> <i>(almonds, apples, blueberries, cherries, grapes, hazelnuts, kiwifruit, oranges, pears, pecans, strawberries, walnuts, etc.)</i> →	<input type="checkbox"/>	1335											0	0
6. <b>NURSERY, GREENHOUSE, FLORICULTURE, and SOD</b> <i>(bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, sod, etc.)</i> →	<input type="checkbox"/>	1336											0	0
7. <b>CUT CHRISTMAS TREES and SHORT ROTATION WOODY CROPS</b> →	<input type="checkbox"/>	1337											0	0
8. <b>OTHER CROPS and HAY</b> <i>(grass seed, hay and grass silage, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, etc.)</i> →	<input type="checkbox"/>	1338											0	0
9. <b>HOGS and PIGS</b> →	<input type="checkbox"/>	1341											0	0
10. <b>MILK and other dairy products from cows</b> →	<input type="checkbox"/>	1340											0	0
11. <b>CATTLE and CALVES</b> <i>(beef and dairy cattle for breeding stock, fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc.)</i> →	<input type="checkbox"/>	1339											0	0
12. <b>SHEEP, GOATS, and their PRODUCTS</b> <i>(wool, mohair, milk, and cheese)</i> →	<input type="checkbox"/>	1342											0	0
13. <b>HORSES, PONIES, MULES, BURROS, AND DONKEYS</b> →	<input type="checkbox"/>	1343											0	0
14. <b>POULTRY and EGGS</b> <i>(broilers, chickens, turkeys, ducks, eggs, geese, hatchlings, pheasants, poultry products, etc.)</i> →	<input type="checkbox"/>	1344											0	0
15. <b>AQUACULTURE</b> <i>(catfish, trout, ornamental and other fish, mollusks, crustaceans, etc.)</i> →	<input type="checkbox"/>	1345											0	0
16. <b>OTHER ANIMALS and OTHER ANIMAL PRODUCTS</b> <i>(bees, honey, rabbits, fur-bearing animals, semen, manure, other animal specialties, etc.)</i> →	<input type="checkbox"/>	1346											0	0
17. <b>TOTAL SALES - ADD items 1 through 16</b> →	<input type="checkbox"/>	1347											0	0
a. <b>What was the value of the landlord's share of the TOTAL SALES (item 17 above) produced by "THIS OPERATION"?</b> <i>(Exclude cash rents.)</i> →	<input type="checkbox"/>	1349											0	0



EXPENSES PAID BY "THIS OPERATION" and ITS LANDLORD(S)		DOLLARS									
		None									
1.	Fertilizer, lime, and soil conditioners purchased (Include cost of custom application and organic materials.)	1501									0 0
2.	Chemicals purchased - insecticides, herbicides, fungicides, other pesticides, etc. (Include cost of custom application.)	1502									0 0
3.	Seeds, plants, vines, trees, etc. purchased (Include technology or other fees, seed treatments, and seed cleaning cost. Exclude items purchased for resale without additional growth.)	1503									0 0
4.	Livestock and poultry purchased -										
a.	Breeding livestock, regardless of age (Include dairy cattle.)	1504									0 0
b.	All other livestock and poultry (Include stocker and feeder cattle, calves, sheep, lambs, feeder pigs, chicks, poults, started pullets, horses, fish, goats, etc. Include livestock leasing expense.)	1505									0 0
5.	Feed purchased for livestock and poultry (Include grain, hay, silage, mixed feeds, concentrates, supplements, and premixes, etc.)	1506									0 0
6.	Gasoline, fuels, and oils purchased for the farm business (Include diesel, natural gas, LP gas, motor oil, and grease, etc.)	1507									0 0
7.	Utilities purchased for the farm business (Include electricity, farm share of telephone, water purchased, etc.)	1508									0 0
8.	Supplies, repairs, and maintenance costs for the farm business	1509									0 0
9.	Labor -										
a.	Hired farm and ranch labor (Include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc.)	1510									0 0
b.	Contract labor (Include expenses for labor, such as harvesting of fruit, vegetables, berries, etc. performed on a contract basis by a contractor, crew leader, etc.)	1511									0 0
10.	Customwork and custom hauling (Example: Custom planting, harvesting, etc. and custom hauling of grain, livestock, milk, manure, etc.)	1512									0 0
11.	Rent -										
a.	Cash rent paid in 2002 (Include rent for land, buildings, and grazing fees.)	1513									0 0
b.	Rent and lease expenses for machinery, equipment, and farm share of vehicles (Exclude custom hire.)	1514									0 0
12.	Interest paid on debts -										
a.	Secured by real estate	1515									0 0
b.	Not secured by real estate	1516									0 0
13.	Property taxes paid in 2002 (Include farm real estate, machinery, livestock, etc. for the farm business. Exclude taxes paid by landlords.)	1517									0 0
14.	All other production expenses (Include animal health cost, storage and warehousing, marketing and ginning expenses, miscellaneous farm supplies, insurance, etc. Exclude health and payroll taxes.)	1518									0 0

**PRODUCTION EXPENSES - Continued**

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**EXPENSES PAID BY LANDLORD(S)**

15. Of all the production expenses, what was the amount paid by landlord(s)? None  1519 **DOLLARS**

**DEPRECIATION**

16. Depreciation expenses claimed by "THIS OPERATION" in 2002 for all capital assets (Estimate 2002 from 2001 if necessary.) None  1520

---

**SECTION 18 FERTILIZERS and CHEMICALS APPLIED -**  
 Were any fertilizers, manure, insecticides, fungicides, nematicides, pesticides, growth regulators, or other chemicals used on "THIS OPERATION" during 2002?  
 (Include rock phosphate, lime, and gypsum as fertilizer.)  
 1568  YES - Complete this section  NO - Go to section 19

**COMMERCIAL FERTILIZER and SOIL CONDITIONERS USED ON "THIS OPERATION"**

1. Acres of cropland fertilized in 2002 (Exclude cropland used only for pastures.) None  932 **ACRES**

2. Acres of pastureland and rangeland fertilized in 2002, including cropland pastured None  933

**MANURE USED ON "THIS OPERATION"**

3. Acres of cropland and pastureland on which animal manure was applied in 2002 None  1569

**CHEMICALS USED ON "THIS OPERATION"**  
 (The same acres can be reported in more than one item below. However, report acres only ONCE for multiple applications.)

4. Acres treated to control - None  **ACRES**

- a. Insects None  936
- b. Weeds, grass, or brush (Include both pre-emergence and post emergence.) None  939
- c. Nematodes None  937
- d. Diseases in crops and orchards (blight, smuts, rusts, etc.) None  938

5. Acres of crops treated to control growth, thin fruit, or defoliate None  940

**SECTION 19 MACHINERY and EQUIPMENT -**  
Report machinery and equipment on "THIS OPERATION" on December 31, 2002.

1. Estimated market value of ALL machinery, equipment, and implements on "THIS OPERATION" regardless of ownership on December 31, 2002  
*(include all machinery, equipment, and implements used for the farm or ranch business in 2001 or 2002 and usually kept on this operation.)* →

	ESTIMATED MARKET VALUE (DOLLARS)	
943		0 0

2. For the machinery and equipment items listed below, report the NUMBER on "THIS OPERATION" on December 31, 2002, and used in 2001 or 2002.

	None	Total number on this operation December 31, 2002	None	Of these, the number manufactured in the last 5 years (1998-2002)
a. Tractors less than 40 horsepower (PTO) <i>(Exclude garden tractors.)</i> →	<input type="checkbox"/> 946		<input type="checkbox"/> 947	
b. Tractors 40 - 99 horsepower (PTO) →	<input type="checkbox"/> 948		<input type="checkbox"/> 949	
c. Tractors 100 horsepower (PTO) or more →	<input type="checkbox"/> 962		<input type="checkbox"/> 963	
d. Grain and bean combines, self-propelled →	<input type="checkbox"/> 950		<input type="checkbox"/> 951	
e. Cotton pickers and strippers, self-propelled →	<input type="checkbox"/> 956		<input type="checkbox"/> 957	
f. Forage harvesters, self-propelled →	<input type="checkbox"/> 953		<input type="checkbox"/> 954	
g. Hay balers →	<input type="checkbox"/> 960		<input type="checkbox"/> 961	

**SECTION 20 MARKET VALUE OF LAND and BUILDINGS -**  
Report your best ESTIMATE of the CURRENT MARKET VALUE OF LAND and BUILDINGS for acres reported in section 1, items 1, 2, and 3, on page 2.

1. Estimated market value of -

	None	ESTIMATED MARKET VALUE OF LAND AND BUILDINGS (DOLLARS)
a. All land and buildings owned →	<input type="checkbox"/> 996	0 0
b. All land and buildings rented or leased FROM OTHERS →	<input type="checkbox"/> 997	0 0
c. All land and buildings rented or leased TO OTHERS →	<input type="checkbox"/> 998	0 0

**SECTION 21 FARM LABOR -**

1. How many hired farm or ranch workers, including paid family members and office workers, on "THIS OPERATION" in 2002 -

	None	NUMBER OF HIRED WORKERS
a. Worked less than 150 days? <i>(Exclude contract labor.)</i> →	<input type="checkbox"/> 941	
b. Worked 150 days or more? <i>(Exclude contract labor.)</i> →	<input type="checkbox"/> 942	

2. On "THIS OPERATION" in 2002, were any hired or contract workers migrant workers?  
*(A migrant worker is a farm worker whose employment required travel that prevented the migrant worker from returning to his/her permanent place of residence the same day.)*

1573    1  YES    3  NO



**SECTION 22 TYPE OF ORGANIZATION -**

1. Mark the one item which best describes "THIS OPERATION" in 2002.

<sup>1671</sup> 1  FAMILY or INDIVIDUAL operation (*Exclude partnership and corporation.*)

2  PARTNERSHIP operation (*Include family partnerships.*) –

- Is this partnership registered under state law?

<sup>1567</sup> 1  YES      3  NO

3  INCORPORATED UNDER STATE LAW –

- Is this a family-held corporation?

<sup>1681</sup> 1  YES      3  NO

- Are there more than 10 stockholders?

<sup>1683</sup> 1  YES      3  NO

4  OTHER, such as estate or trust, prison farm, grazing association, American Indian reservation, etc. - *specify type* →

**Section 23 - Not applicable to this form. Go to section 24.**

**SECTION 24 OPERATOR CHARACTERISTICS -**

The operators are those persons responsible for the day-to-day management decisions for "THIS OPERATION," including hired managers.

NUMBER OF OPERATORS

- How many individuals were involved in the day-to-day decisions for "THIS OPERATION"?  
*(Enter the number of operators, including the operator listed on the front of this form. Identify the operators in the columns below. Exclude hired workers unless they are a hired manager or family member.)* → 1575
- How many of these operators are women? → 1574


Answer the following questions for up to three primary operators of "THIS OPERATION" as of December 31, 2002.

	PRINCIPAL OPERATOR or senior partner	OPERATOR 2	OPERATOR 3
3. Name →			
4. Sex of operator →	926 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1586 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1597 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female
5. Principal occupation of operator -	MARK ONE		
a. Farm or ranch operator →	928 1 <input type="checkbox"/>	1580 1 <input type="checkbox"/>	1591 1 <input type="checkbox"/>
b. Other →	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
6. Did this operator live on "THIS OPERATION" at any time during the last 12 months? →	923 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO	1581 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO	1592 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO
	MARK ONE		
7. Off-farm work - How many days did the operator work at least 4 hours per day off "THIS OPERATION" for pay in 2002? <i>(Include work on someone else's farm for pay.)</i> →	929 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more	1831 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more	1931 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more
8. In what year did the operator begin to operate any part of "THIS OPERATION"? →	930 □ □ □ □	1584 □ □ □ □	1595 □ □ □ □
9. Age of operator on December 31, 2002 →	925 □ □ Years of age	1585 □ □ Years of age	1596 □ □ Years of age

	PRINCIPAL OPERATOR or senior partner	OPERATOR 2	OPERATOR 3
<b>10.</b> Is the operator of Spanish, Hispanic, or Latino origin or background, such as Mexican, Cuban, or Puerto Rican, regardless of race? →	927 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO	1587 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO	1598 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO
	MARK ONE OR MORE	MARK ONE OR MORE	MARK ONE OR MORE
<b>11.</b> Race of operator →	1701 <input type="checkbox"/> White 1702 <input type="checkbox"/> Black or African American 1703 <input type="checkbox"/> American Indian or Alaska Native - specify tribe ↓ <input type="text"/> 1704 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander 1705 <input type="checkbox"/> Asian	1801 <input type="checkbox"/> White 1802 <input type="checkbox"/> Black or African American 1803 <input type="checkbox"/> American Indian or Alaska Native - specify tribe ↓ <input type="text"/> 1804 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander 1805 <input type="checkbox"/> Asian	1901 <input type="checkbox"/> White 1902 <input type="checkbox"/> Black or African American 1903 <input type="checkbox"/> American Indian or Alaska Native - specify tribe ↓ <input type="text"/> 1904 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander 1905 <input type="checkbox"/> Asian
<b>12.</b> Did this operator live on an American Indian reservation in 2002? →	1413 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO	1414 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO	1415 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO
	NUMBER OF PERSONS LIVING IN HOUSEHOLD	NUMBER OF PERSONS LIVING IN HOUSEHOLD Enter '0' if this operator has been counted in the previous column.	NUMBER OF PERSONS LIVING IN HOUSEHOLD Enter '0' if this operator has been counted in the previous columns.
<b>13.</b> Number of persons living in operator's household →	1577 <input type="text"/> <input type="text"/>	1589 <input type="text"/> <input type="text"/>	1600 <input type="text"/> <input type="text"/>
<b>14.</b> Did "THIS OPERATION" use a computer for the farm business any time during 2002? 1602 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO			
<b>15.</b> Did "THIS OPERATION" have Internet access any time during 2002? 1603 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO			
<b>16.</b> Is the principal operator a hired manager for "THIS OPERATION"? 1576 1 <input type="checkbox"/> YES - Go to section 25 3 <input type="checkbox"/> NO - Continue			
<b>17.</b> How many households share in the net farm income of "THIS OPERATION"? →	1608 <input type="text"/> <input type="text"/>		
<b>18.</b> What percent of the principal operator's total household income came from "THIS OPERATION"? →	1578 <input type="text"/> <input type="text"/> <input type="text"/> %		

**SECTION 25 CONCLUSION -**

1. In the future, does **"THIS OPERATION"** intend to produce, raise, or grow for sale agricultural products or to receive Federal farm program payments?

1348 1  YES 3  NO

**POSSIBLE DUPLICATION**

2. It is important that we do not have duplication on our list of farms and ranches. Is it possible the information on this form would be reported by another operation or under another name or address?

1080 1  YES - Please provide the name and address below 3  NO - Go to item 3

Name

1081

Address

1082

City

1083

State

1084

Zip code

1085

**ADDITIONAL FARM or RANCH**

3. It is important that the Census of Agriculture accurately accounts for all of your farm or ranch operations. Do you (*the individual named on the label*) make any day-to-day decisions **for another farm or ranch**?

1086 1  YES - Continue with item a 3  NO - Go to item 4

- a. Did you receive a 2002 Census of Agriculture form for this additional farm or ranch?

1087 1  YES - Go to item 4 3  NO - Enter the information of the additional farm or ranch below

Name

1088

Area Code and Phone Number

1089

State

1090

- b. Did you include all data from this additional farm or ranch on **THIS REPORT**? (*Do not make changes to the data in this report, regardless of your answer.*)

1091 1  YES 3  NO

**THANK YOU FOR YOUR COOPERATION**

4. Please print the information for the person completing this form.

Name

1092

Area Code and Phone Number

1093

Date (MM-DD-YEAR)

1094  - 2 0 0

## INSTRUCTION SHEET UNITED STATES 2002 CENSUS OF AGRICULTURE

**Who Should Report** - A REPLY IS NEEDED FROM EVERYONE WHO RECEIVED A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and even THOSE NOT INVOLVED IN CONDUCTING AGRICULTURAL OPERATIONS. Please complete the enclosed report form and return it to us in the preaddressed envelope provided. If you call for assistance on the toll-free help line at 1-888-424-7828, have the form(s) available. To serve you better, the assistant will ask for the 12-digit ID printed in the address area on the front of your report form(s). We need your response, whether you farmed in 2002 or not.

**How to Enter Your Responses** - Use **BLUE** or **BLACK INK** only. Enter your replies in the unit(s) requested, i.e., dollars, bushels, tons, etc. When reporting dollars, report in whole dollars only. Convert fractions to decimal equivalents. Please print clearly and keep numbers and letters within the boxes. Answer the screener questions at the beginning of the sections where applicable. Mark the **Yes/No** and **None** boxes with an 'X'.

*In the example below:* In 2002, you harvested 30,420 bushels of corn for grain or seed from 231 acres. None of the acres were irrigated and none were harvested for silage.

SECTION 3 CROPS	
Write any of the following FIELD CROPS, HAY and FORAGE CROPS, WOODLAND CROPS, and OTHER FIELD and FORAGE CROPS harvested from "THIS OPERATION" in 2002. (Report fruit and nut crops, nursery, greenhouse, floriculture, mushrooms, soil, vegetables, and berries in sections 5 through 8.)	
(Exclude landlord's share. Exclude crops grown on land rented TO OTHERS.)	
1011 <input checked="" type="checkbox"/> YES - Complete this section <input type="checkbox"/> NO - Go to section 4	
FIELD CROPS	ACRES HARVESTED
None	None
ACRES IRRIGATED	ACRES IRRIGATED
1. Corn for grain or seed	2 3 1
2. Corn for silage or greenchop	3 0 4 2 0

*In the example below:* In 2002, you harvested 10.0 acres of carrots from a field, then replanted the same field in carrots and harvested the 10.0 acres again. One crop was sold for fresh and one crop for processing. Both crops were irrigated. In item 1, enter only 10.0 acres of land from which vegetables were harvested and 10.0 acres irrigated, but in item 2, write 20.0 acres of total carrots harvested, and 10.0 acres of carrots for processing. If carrots are not preprinted, print "carrots" for the crop name and code "397" for the crop code.

1. Land from which vegetables and melons were harvested in 2002. (Report multiple cropped acreage only once.)	TOTAL ACRES WHOLE ACRES <input type="text" value="10"/>	2. For those crops not listed, enter the crop name and crop code from the list below for each crop harvested in 2002. (If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 6.)	ACRES IRRIGATED WHOLE ACRES <input type="text" value="10"/>
CROP NAME	CROP CODE	TOTAL ACRES HARVESTED WHOLE ACRES	ACRES HARVESTED FOR PROCESSING WHOLE ACRES
Carrots	3 9 7	2 0 0	1 0 0

Write any explanation outside the answer spaces or on a separate sheet of paper. If a separate sheet is used, include the 12-digit ID number from the address area. Call the toll-free help line, 1-888-424-7828, if you have any questions.

**Form Does Not Apply To Me or Never Farmed** - If you never farmed or have no association with agriculture and no agricultural land, write "Never farmed" below the address area, and mail report form in the return envelope.

**Partial Year Operations** - If you quit farming during 2002, complete the report form for the portion of the year that you did farm. Write "Quit farming during 2002" and the date you quit farming in the area below the address area. Mail report form in the return envelope.

**Landlord Only** - If you are a landlord only, complete section 1 and section 25. Mail report form in the return envelope. Your tenant(s) will receive a form to report production for the land they rent.

**No Longer Operating a Farm or Ranch or Did Not Operate One At All In 2002 and Have No Agricultural Land** - Write "Do not have agricultural activity" and, if applicable, enter the date you quit farming in the area below the address area. Mail report form in the return envelope.

**If you owned farm or ranch land in 2002 that was idle and NOT rented out, you should complete and return the report form.**

**Land in the Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) in 2002** - If you had land in either of these programs and you made the day-to-day decisions on the acres, include the CRP or WRP land in "THIS OPERATION."

**Involved In More Than One Operation** - If you made decisions for more than one operation, you should receive a report form for each operation. Do not provide information for more than one operation on one form. To obtain additional report forms or if you have questions, please call the toll-free help line, 1-888-424-7828.

**Specialty Commodities** - Specialty commodities, such as horses, bees, elk, emus, fish, nursery, etc., are an important part of the agriculture industry. Please report for all items, regardless of the level of production you had in 2002.

**Received More Than One Report Form For the Same Operation** - If you received more than one report form for the same operation, complete only ONE form for your operation. Write "Duplicate" below the address area of each extra form. Also, write the 12-digit ID number of the EXTRA form(s) ON THE COMPLETED FORM in the space provided on the front of the form. Return the extra form(s) in the same return envelope with your completed form so that we can correct our records.

**If You Have a Partnership Operation** - Complete only ONE form for the entire partnership's agricultural operation and include ALL partners' shares on the one form. If you made decisions for more than one partnership operation, complete a report form for each operation. If known, the partners are listed below the address area to assist in defining the operation. If desired, you may make corrections to these names. If you have questions, please call the toll-free help line, 1-888-424-7828.

### Instructions for Specific Sections

#### Section 1 - ACREAGE IN 2002

Your answers in this section will determine the land (Acres in "THIS OPERATION") referred to throughout the report form. When answering the acreage questions, include the land associated with your agricultural operation in 2002, whether in production or not. Include all land that you owned or rented during 2002, even if only for part of the year. EXCLUDE any unrelated residential or commercial land. Report all land in section 1 in whole acres.

**Item 1 - All Land Owned** - Report all land owned in 2002 whether held under deed, purchase contract or mortgage, homestead law, or as heir/heirless or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization named on the front of the report form.

**Item 2 - All Land Rented or Leased FROM OTHERS** - Report all land rented by you or your operation. Include land that was used on a share basis, cash rented, used rent free, or government owned land, Indian Reservation land, or railroad land leased by the acre. EXCLUDE land used under Government grazing permits or special license on a per-head or animal unit basis, such as section 3 of the Taylor Grazing Act, National Forest, or American Indian reservation permit land.

**Item 3 - All Land Rented or Leased TO OTHERS** - Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. DO NOT report land placed in the CRP or WRP as acres rented to others. Your tenant(s) will receive a form to report production for the land they rent.

**Item 4 - Acres In "THIS OPERATION"** - This is all land you operated at any time in 2002. The rest of the report form applies to these acres.

**If item 4, Acres in "THIS OPERATION" is "0" and:**

- You grew any crops or raised any livestock or poultry on "THIS OPERATION" in 2002, complete the report.
- All your land was operated by a renter or sharecropper, complete section 1, item 5 (number of owned acres rented), and explain briefly, "All land rented out," etc. in the space below section 1. Then skip to and complete section 25. Mail report form in the return envelope.
- You did not have any agricultural activity on owned or rented land in 2002, explain briefly, such as "retired," "sold farm," and the date the change occurred in the space below section 1. Then skip to and complete section 25. Mail report form in the return envelope.

#### Section 2 - LAND

The sum of the acres entered in various categories should equal the total acres in section 1, item 4, acres in "THIS OPERATION" for this census report. EXCLUDE any crops grown on land rented or leased TO OTHERS or worked by others on shares during 2002.

**Land used for more than one purpose** - DO NOT report the same acreage in more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 2002, report that land only in the first purpose listed. For example, if you planted and harvested a grain crop and grazed the crop residue in the fall, report the land in item 1a, Cropland harvested. DO NOT report it again in item 1b, Cropland used only for pasture or grazing.

**Item 1a - Cropland Harvested:**

- Double cropping** - If more than one crop was harvested from the same land in 2002, report that land only ONCE as "Cropland harvested."
- Interplanted crops** - If you interplanted crops, such as pumpkins in a corn row, report the total land used for both crops only ONCE as "Cropland harvested."

- **Christmas trees to be cut** - Report acres of Christmas trees to be cut in later years as "Cropland Harvested."
- **Skip row planted crops** - The acres that represent the planted rows should be reported as "Cropland harvested," item 1a. Report the acres that represent the total nonplanted or skipped rows as "Cropland idle."

**Item 1d - Cropland Idle** - Report CRP and WRP acres that were not harvested or pastured as "Cropland idle."

**Item 1e - Cropland in Cultivated Summer Fallow** - Include cropland left unseeded for the 2002 harvest and summer fallowed, cultivated by tillage, or treated with herbicides to control weeds and conserve moisture. Include cropland summer fallowed in 2002 even though it may have been planted to wheat, etc., for the 2003 harvest.

**Item 2b - Woodland Not Pastured** - Report acres of tapped maple trees (sugarbush) as "Woodland not pastured."

**Item 6c - Certified Organically Produced Crops** - Cropland harvested as certified organically produced commodities will have an organic certification issued by a Federal, state, or private certification agency.

**Item 7 - Irrigation** - Include acres irrigated from all water sources - including those irrigated from lagoons through a sprinkler or flood system.

### Section 3 - CROPS

**Acres harvested** - Enter the acres harvested in 2002. Round fractions to whole acres except where tenths are requested by "Tenths" in the reporting box, such as for potatoes.

**Quantity harvested** - If your unit of measure is different than the unit requested on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 2002, please estimate the total quantity to be harvested.

**Acres irrigated** - Report the irrigated harvested acres only once, even if the crop was irrigated multiple times during the growing season.

**Double cropping** - If two or more crops were harvested from the same land (double cropping), report the total acres and production of EACH harvested crop in the appropriate section(s) of the report form.

**Interplanted crops** - If two crops were grown at the same time in alternating strips in the same field, report the acreage of the field used for each crop.

**Skip row planting** - If a crop was planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the acreage of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as cropland idle in section 2, item 1d.

#### Hay and Forage Crops:

Include hay and forage from alfalfa, wild or native grasses, all small grains, soybeans, or peanuts.

#### Woodland Crops:

**Cut Christmas trees** - Acres in production of cut Christmas trees includes both those to be harvested in future years as well as those harvested in 2002. Trees cut should include only those trees cut in 2002. If there were acres in production, but no trees were cut, enter "0" for trees cut. Also, the acres of Christmas trees cut in 2002 and to be cut in future years should be reported in section 2, item 1a, Cropland harvested.

**Short rotation woody crops** - Acres harvested in 2002 should be reported as having been both in production and harvested. Acres not harvested in 2002 should be reported in production only. Also, include the acres in production in section 2, item 1a, Cropland harvested.

A *short rotation woody crop* is a tree that grows from seed to a mature tree in 10 years or less. These are trees for use by the paper or pulp industry, or as engineered wood. The wood is too soft to be used for lumber.

**Maple syrup** - Producers should report number of taps and gallons of syrup. If sap was sold, estimate the number of gallons of syrup it would have produced. Also, report the acres of tapped maple trees in section 2, item 2b, Woodland not pastured.

#### Other Field and Forage Crops:

Report for other field and forage crops harvested. If the crop name is not preprinted, print the crop name for each crop harvested in the first column and enter in the second column the corresponding code from the listed crops. Report the acres harvested in the third column and quantity harvested in the fourth column. Report the irrigated acres that were harvested, if any, in the fifth column. Acreage of sweet corn harvested for seed is reported as crop code 752 and the value of sales are reported in section 14, item 8.

### Section 4 - GRAIN STORAGE CAPACITY

Report total capacity of all structures normally used, even if it is not currently in use. Do not report any capacity or usage of off-farm public storage.

### Section 5 - NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, and VEGETABLE SEEDS

Report Christmas trees grown on this operation and sold live as nursery stock, code 488. Report all acres of Christmas trees in production for cut Christmas trees and the number CUT in 2002 in section 3. All acres of Christmas trees harvested in 2002 and for future years should also be included in section 2, item 1a, Cropland harvested.

### Section 6 - VEGETABLES and MELONS

**Item 1** - Report acres of vegetables and melons harvested for sale. EXCLUDE vegetables and melons grown in home gardens.

**Item 2** - If the crop name is not preprinted, for each crop harvested, enter the name of the crop, the corresponding crop code from the listed crops, the total acres harvested (in acres and tenths), and the acres that were harvested for processing (in acres and tenths). See "How to Enter Your Responses" example on the front page of this Instruction Sheet.

### Section 7 - FRUITS and NUTS

In counting the combined total of 20 or more trees and vines, include both those trees and vines whose production is either for home use or for sale. EXCLUDE abandoned acres of orchards or vineyards. "Bearing Acres" are the acres of trees or vines that produced ANY fruit or nut crop in 2002 or previous years. If fruit and nut trees and vines were interplanted with crops other than trees or vines, report only the total acres for the orchard crop in section 7, and the total acres of each interplanted crop in their appropriate section(s).

### Section 8 - BERRIES

Include only those acres from which berries were harvested for sale. Do not include abandoned acres or acres harvested for home use. Report acres to the nearest tenth of an acre.

### Sections 9 through 11 - HOGS and PIGS, CATTLE and CALVES, and POULTRY

Include all animals owned by you, raised by you under contract, or kept by you for others that were on "THIS OPERATION" on December 31, 2002. Include animals on unfenced lands, National Forest land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head, Animal Unit Month (AUM), or lease basis. Animals in transit on December 31, 2002, should be reported by the person who had control of the animals.

**Contract and custom feeding operations** - Counts of hogs and pigs, cattle and calves, or poultry kept by you on "THIS OPERATION" on a contract or custom fed basis should be included in sections 9 through 11, REGARDLESS OF OWNERSHIP. Report numbers of animals or poultry on December 31, 2002. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from "THIS OPERATION" in 2002. In section 13, report quantity delivered of custom fed livestock or production contract livestock and poultry in the appropriate line, and report the dollar amount received from the contractors in item 6.

**Animals and poultry to exclude from the report form** - Exclude animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. EXCLUDE animals quartered in feedlots which are NOT located on "THIS OPERATION." Animals kept on a place not operated by you are to be reported on the report form for that operation. DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions.

**Number sold** - Report all animals and poultry sold or moved from "THIS OPERATION" in 2002, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. DO NOT report number sold of any hogs and pigs, cattle and calves, or poultry owned by you that were kept and sold from a location that you did not operate.

**Animals moved from "THIS OPERATION"** - For animals moved from "THIS OPERATION" to another, such as for further feeding, report them as "sold." Cattle moved are NOT considered "sold" if they were moved to another operation for a short term such as winter wheat or corn stubble grazing during the winter or to public grazing land.

**Fed cattle sold for slaughter** - Cattle fed on grain or concentrates for 30 days or more and sold for slaughter are reported in section 10, item 4b and item 5.

#### DO NOT INCLUDE WITH FED CATTLE SOLD:

- Cattle and calves sold or moved off the operation for further feeding
- Veal calves or any calves weighing less than 500 pounds
- Cull or dairy cows fed only the usual dairy ration before being sold

## Section 12 - OTHER ANIMALS and THEIR PRODUCTS and AQUACULTURE

**Item 2** - Report total sheep owned by you regardless of location. Include total sheep owned even if not kept on "THIS OPERATION." Include ewes owned in both item 2 and item 2a. **Contract and Custom Feeding Operations** - DO NOT report inventory of sheep and lambs that are NOT OWNED by you. They are to be reported on the owner's report form.

**Items 6 and 10 - If you owned BEES** - Report all colonies or hives of bees for honey production owned by you, regardless of where the hives were kept most of the year. Report number of hives or colonies in item 6. Report pounds of honey produced in item 10. DO NOT report hives or colonies if they are NOT OWNED by you.

**Item 7 - Other Livestock and Animals** - Report the inventory of fur-bearers (mink, rabbits, and other animals) raised in captivity on "THIS OPERATION." If mink pelts and rabbit pelts were sold in 2002, include in number sold. Retained pelts should be included in inventory. The value of pelt sales should be reported in section 14, item 16. Report the inventory and number sold in 2002 of the bison, deer, elk, llama, or other livestock and animals raised in captivity in item 7 and their value of sales in section 14, item 16.

**Item 11 - Other Livestock Products** - Include manure, beeswax, and any other animal products sold from "THIS OPERATION" in 2002. Indicate units used in reporting.

**Item 12 - Aquaculture** - Report fingerlings or quantity of fish eggs sold of any species as code 869. For code 869, print the name of the aquaculture fish or product in column one.

## Section 13 - PRODUCTION CONTRACTS and CUSTOM FEEDING

A *production contract* is an agreement between a grower and contractor (integrator) that specifies that the grower will raise an agricultural commodity and that the contractor will provide certain inputs such as feed, fertilizer, etc. The grower receives a payment or fee from the contractor, generally after delivery, that is usually less than the full market price of the commodity. The contractor takes possession of the raised commodity at the end of the growing period.

Report amount of the specified commodity that you raised and delivered under a production contract in the unit requested in item 5. If you had contracts with more than one integrator or contractor for a single commodity, combine the production of all contracts and report the total units produced for that commodity in the proper category in items 5a through 5j. If you had multiple contracts to produce different commodities, report the appropriate amount of each commodity produced under each contract(s) in the proper categories of items 5a through 5j. Report the total amount the contractor(s) paid you for producing the commodity(ies) in item 6. EXCLUDE marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price.

## Section 14 - VALUE OF SALES

Report the value of all crops and livestock sold from "THIS OPERATION" in 2002 on the appropriate line(s) of section 14. Report the value sold in 2002 regardless of the year crops were harvested or raised. Report the value of the sales from land rented from others. Also, report as sold commodities such as cattle, that you owned and moved to someone else's operation for further feeding. Report gross values before deducting expenses and taxes. Include payments received in 2002 from cooperatives or marketing organizations for crops produced on "THIS OPERATION" regardless of the year in which the crops were harvested. Also, include as sales your estimate of the value of any crop or livestock removed from "THIS OPERATION" in trade of services, such as hay cut in exchange for labor or other services. If the sale price or market value is not known, give your best estimate of the market value when removed. Report the total value you received for animals and poultry sold from "THIS OPERATION" in 2002, without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.).

### Items that should NOT be included:

- Proceeds from **CCC loans**.
- The value of sales of any livestock and poultry owned by you that were kept and sold from a location you did not operate.
- Commodities grown under a **production contract**.

**Item 18** - For direct sales, report the sales of crops, livestock, poultry, or agricultural products sold directly to consumers for their own consumption from roadside stands, farmers markets, pick your own, door to door, etc. Include only those commodities sold directly for human consumption, such as vegetables, fruit, eggs, milk, cattle, chickens, hogs, turkeys, etc. Report only commodities grown or raised on "THIS OPERATION."

EXCLUDE crops, livestock, poultry, or other products which you bought and resold within 30 days. EXCLUDE processed products such as hams, sausage, or jellies. EXCLUDE "craft items" such as bird houses, woodwork, etc.

**Item 19** - Certified organically produced commodities will have an organic certification issued by a Federal, State, or private certification agency.

## Section 15 - CCC LOANS and FEDERAL FARM PROGRAM PAYMENTS

**Item 1** - Report amount received for commodities placed under CCC loan during 2002. Include amount received even if commodity was redeemed or forfeited prior to December 31, 2002. EXCLUDE CCC loans to build crop storage facilities.

**Item 2** - Report the amount received for participation in CRP and WRP. EXCLUDE payment from CCC loans or crop insurance.

**Item 3** - Report all payments received from OTHER Federal farm programs in 2002. Include receipts from Federal farm programs, such as loan deficiency payments (LDP), support price payments, payment-in-kind (PIK) programs, indemnity programs, disaster payments, paid land diversion payments received for approved soil and water conservation projects, etc. EXCLUDE payments from state programs or federal loans which must be repaid.

## Section 16 - INCOME FROM FARM-RELATED SOURCES

Items 1 through 6 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "THIS OPERATION" and which you do not consider as entirely separate from your farming activities. Include insurance payments for crop or livestock losses in item 6. Report gross amounts received before taxes and expenses.

**Item 1 - Customwork** - DO NOT report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operation.

**Item 2 - Rental Income** - EXCLUDE rental income from nonfarm property.

**Item 3 - Forest Products** - Include only those forest products cut from "THIS OPERATION," not items cut from other nonfarm timber acreage. EXCLUDE income from a sawmill business. EXCLUDE the sale of Christmas trees or maple syrup or sap products. Sales of Christmas trees or maple syrup or sap products are to be reported in section 14.

**Item 6** - Report payments from state programs, animal boarding, breeding fees, tobacco settlements, state fuel tax refunds, insurance payments for crop or livestock losses, etc. Specify the type of farm related income in the box provided.

## Section 17 - PRODUCTION EXPENSES

### Items that should be included:

Include farm production expenses paid by you or your landlord(s) for crops, livestock, or poultry produced on "THIS OPERATION" in 2002 in items 1 through 14. Include expenses incurred in 2002 only if they were paid in 2002. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

### Items that should NOT be included:

Contract growers or custom feeders who had feed provided by cattle owners or contractors should NOT report a value here for items provided. Identify the items that were contractor provided in section 13, item 7.

**Item 2 - Chemicals Purchased** - Include surfactants and oils and other products used to increase a chemical's effectiveness.

**Item 4 - Livestock and Poultry Purchased** - Report the costs of breeding livestock in item 4a and other livestock and poultry in item 4b.

**Item 5 - Feed Purchased for Livestock and Poultry** - Report the purchase cost of all grains, silage, hay, commercially mixed and premixed feeds, ingredients, concentrates, etc., fed to livestock and poultry on "THIS OPERATION." Contract livestock and poultry growers should not report the value of feed that was provided by a contractor. Custom feedyards should not include feed costs for custom fed cattle if the owners of the cattle were billed for the feed. Feed raised on "THIS OPERATION" should not be reported as purchased.

**Item 8 - Supplies, Repair Costs, and Maintenance Costs For the Farm Business** - Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. EXCLUDE repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. EXCLUDE expenditures for the construction of new buildings or the cost of additions to existing buildings.

**Item 9a - Hired Farm and Ranch Labor** - Include gross salaries and wages, commissions, dismissal pay, vacation pay, and bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Include cost for benefits such as employer's social security contributions, unemployment compensation, workman's compensation insurance, employer paid life and medical insurance expense, pension plans, etc.

**Item 9b - Contract Labor** - Includes the labor costs of workers furnished on a contract basis by labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. EXCLUDE costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 10.

**Item 11a - Cash Rent** - Report rent paid in cash during 2002 for land and buildings included in "THIS OPERATION." EXCLUDE rent paid for operator dwelling or other nonfarm property. EXCLUDE the value of shares of crops or livestock paid to landlords.

**Item 12 - Interest Paid on Debts** - Report all interest expenses paid in 2002 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate, such as for fertilizer, feed, and seed in item 12b and also include interest paid on CCC loans. EXCLUDE interest associated with activities not related to production of crops or livestock on "THIS OPERATION," such as land or buildings rented to others, packing sheds, or feed mills that provided services to others. EXCLUDE interest on owner/operator dwelling where amount is separated from the interest on the land and buildings on "THIS OPERATION."

**Item 13 - Property Taxes Paid in 2002** - Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

**EXCLUDE:**

- Property taxes on land or buildings rented to someone else
- Taxes paid by landlords
- Property taxes paid on other property not associated with the farm business
- Income and excise taxes

**Item 14 - All Other Production Expenses** - Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. EXCLUDE depreciation.

### Section 18 - FERTILIZERS and CHEMICALS APPLIED

Report acres on "THIS OPERATION" on which commercial fertilizer was applied during 2002. If any acreage was fertilized more than once, report acres ONLY ONCE. Report fertilizer and manure expenditures in section 17, item 1.

**CHEMICALS** - Report acres on which chemicals were applied during 2002 to control insects, diseases, nematodes, and weeds, as well as to control growth, thin fruit, or defoliate. Include acres on which custom application of chemicals was made. If multiple applications of chemicals for the same purpose (for example, herbicides) were made on the same acres, report acreage only once. If chemicals were applied for different purposes, report the acres for each purpose that the chemicals were used. Report agricultural chemical expenditures in section 17, item 2. Estimate the acreage for spot treatments.

### Section 19 - MACHINERY and EQUIPMENT

**Item 1** - The estimated market value refers to ALL machinery and equipment kept primarily on "THIS OPERATION" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Include mobile implements and hand tools. Permanently installed equipment or equipment which is an integral part of a building should be included as a part of the value of land and buildings and reported in section 20.

### Section 20 - MARKET VALUE OF LAND and BUILDINGS

The value for each of the three listed categories (owned, rented from others, and rented to others) should be your estimate of the value of the land, houses, barns, and other buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land, house, and buildings could reasonably be assumed to be sold at that price. DO NOT deduct real estate marketing charges from your estimate. Report the total value, not the value on a per-acre basis.

### Section 21 - FARM LABOR

Report the number of paid farm or ranch workers doing agricultural labor. Include paid family members. Include workers such as hired bookkeepers, office workers, maintenance workers, etc., if their work is primarily associated with agricultural production on "THIS OPERATION." Include in item 1a, any short term or temporary workers who may have worked only a few days. EXCLUDE contract labor or custom workers in item 1 or item 2.

### Section 22 - TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for "THIS OPERATION":

**Family or Individual Operation** - Farm or business organization controlled and operated by a family or an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement. Report family corporations under "Incorporated Under State Law."

**Partnership Operation** - Two or more persons who conduct an operation together and share work and profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES

NOT constitute a partnership unless a specific agreement to share contributions, decision making, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

**Incorporated Under State Law** - A corporation is a legal entity or artificial person created under the laws of a State to carry on a business, including family corporations. EXCLUDE cooperatives, even if they are incorporated.

**Other** - Estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, American Indian Reservation, university farm, institution run by a government or religious entity, cooperatives (an incorporated or unincorporated enterprise or an association created and formed jointly by the members), etc.

### Section 23 - AGRICULTURAL ACTIVITY ON AMERICAN INDIAN RESERVATIONS (not applicable to all report forms)

Complete this section if any of your cropland or livestock was on an American Indian reservation in 2002. Consider all cropland on deeded acres you owned and operated or leased from others as well as any trust acres you used. Do not include tribal-controlled farms, ranches, or herds.

**Item 3 - Trust and Deeded Acres** - Enter the number of acres your operation used on the reservation. Include deeded acres you owned or leased from others as well as trust acres to which you had exclusive use. DO NOT include trust acres used on a per-head or animal unit month (AUM) basis.

**Item 4a - Livestock** - If you had livestock on the reservation, check the approximate percentage of "THIS OPERATION's" livestock that were on the reservation on December 31, 2002. Consider all species (cattle, sheep, horses, buffalo, hogs, etc.) and include livestock on land used on a per-head or animal unit month (AUM) basis.

### Section 24 - OPERATOR CHARACTERISTICS

This section collects information about the operators of "THIS OPERATION." A farm may be a family operation and still have multiple operators. Complete one column for each operator, listing the principal operator or senior partner in the first column.

**Corporations and Other Operations (Cooperatives, Estates, etc.)** - Complete the principal operator column for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business. Complete up to two additional columns as needed.

**Item 1** - Enter the number of people who make day-to-day decisions for "THIS OPERATION."

**Item 2** - Enter the number of women who make day-to-day decisions for "THIS OPERATION."

**Items 3 through 13** - Answer each question for up to three operators. If there are more than three, answer for three operators only.

**Item 5** - The principal occupation of the operator(s) is the occupation at which an operator spent the majority of his/her worktime. If the operator spent the majority working for ANOTHER agricultural operation for wages, it is considered hours devoted to "other," item 5b.

**Item 8** - Report the first year the specified operator began to operate any part of "THIS OPERATION" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

**Item 17** - The number of households that share in the net farm income are those households involved with the day-to-day decisions and not those households that received funds because they are only the landlords, custom equipment operators, or provide other supplies that are listed in section 17, Production Expenses. Your answer should not exceed the number of operators listed in item 1.

### Section 25 - CONCLUSION

**Item 1** - Report "Yes" if "THIS OPERATION" intends to produce, raise, or grow agricultural products for sale or receive Federal farm program payments at ANY time in the future. If you are unsure, check "YES."

**Possible Duplication:**

**Item 2** - If it is possible the information you reported on your form would also be reported under a different name, a different address, or by another farm or ranch, complete this question.

**Additional Farm or Ranch:**

**Item 3** - Report the name, state, and phone number of those operations for which you make day-to-day decisions and DID NOT receive a report form.





UNITED STATES 2002 CENSUS OF AGRICULTURE  
AMERICAN INDIAN RESERVATIONS  
R1 FORM

Form Number 02-A05-2  
O.M.B. Number 0535-0226  
Approval Expires 10/31/2004  
All States *excluding* MT, ND, & SD

National Agricultural Statistics Service  
U.S. Department of Agriculture  
Rm 5805, South Building  
1400 Independence Avenue, S.W.  
Washington, D.C. 20250-2000  
202-720-7017

Please make corrections to name, address and  
Zip Code, if necessary.

**NUMBER OF AMERICAN INDIAN FARM or RANCH OPERATORS**

1. Within the Reservation named above, how many American Indians operate a farm or ranch?

*Note: Farms or ranches are defined as any location from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, or \$1,000 or more of government payments were received, during 2002.*

**Include** operators who live on or off the Reservation but whose farm or ranch operation lies entirely or partially on the Reservation.

**Exclude** as operators persons who work only as employees or who conduct no farm or ranch activity but receive a payment as a share of Reservation farming or ranching.

**NUMBER**

Transfer this number to Office  
Use cell 012 on the  
face page of the  
Census Report Form

2. Does your answer to Item 1 above include all tribes or nations on this Reservation?

**YES** - Go to item 3.       **NO** - Please list the tribes or nations included in Item 1 above.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Were multiple 2002 Census of Agriculture Report Forms completed for this Reservation?

**YES** - List the 12-digit ID numbers for all report forms associated with this Reservation. (The ID number is preprinted in the address area of the Census Report Form.)       **NO** - Go to item 4.



4. Please print below the information for the person completing this report.

\_\_\_\_\_  
NAME

\_\_\_\_\_  
TITLE

( ) \_\_\_\_\_  
TELEPHONE

\_\_\_\_\_  
DATE

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB number. The valid OMB number for this information collection is 0535-0226. The time required to complete this report form is estimated to average 10 minutes.

**SPECIAL INSTRUCTIONS FOR AMERICAN INDIAN RESERVATIONS**  
**2002 Census of Agriculture**

Agricultural activity on American Indian reservations must be counted in the 2002 Census of Agriculture. Each reservation with one or more agricultural operations meeting the definition of a farm (see below) must complete both a regular 2002 Census of Agriculture Report Form as well as the single-page R1 Form titled *American Indian Reservations*. Please complete both forms.

These special instructions apply to **BOTH** enclosed forms. They supplement the enclosed Instruction Sheet. Before returning your forms, please be sure you complete all sections that apply to the operations on your Reservation. Please give your best estimate if the requested information is not available from your records.

For both forms, include information from all farms and ranches on the Reservation **operated by American Indians**. Farms and ranches are defined as *any operation from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during 2002*.

**INCLUDE:**

- Operations where the operator lives on the Reservation and operates land on the Reservation – consider only agricultural activity actually on the Reservation.
- Operations where the operator lives off of the Reservation but operates land on the Reservation – consider only agricultural activity actually on the Reservation.
- Farms and ranches operated by the tribe or the Reservation on the Reservation.
- All agricultural products produced on the Reservation by American Indians.

**EXCLUDE:**

- Agricultural production by persons who work only as employees of a farm or ranch.
- Agricultural activity by non-American Indians.
- Agricultural activity produced off the Reservation.

**Instructions for American Indians Reservation Operators - R1 Form**

**Item 1:** Enter the number of American Indian operators who operate a farm or ranch either partially or entirely on the American Indian reservation. Transfer this figure to Office Use 012 on the front page of the main Census Report Form.

**Instructions for Census of Agriculture Report Form**

**NOTE:** Report all agricultural activity on reservation land operated by the total number of American Indian operators reported on **American Indians Reservation Operators - R1 Form** (and entered in Office Use 012).

**SECTION 1:**

- Report all reservation land used by either the tribe or Reservation, and land used by American Indian operators. **Include** Federal and state land leased as land rented from others. **Exclude** any national grasslands administered by the Forest Service used on a permit basis.

**Item 1:** Report all land on the reservation or reporting unit. **Include** tribal land used for grazing on a per-head or animal unit month (AUM) basis.

**Item 2:** Report all land rented or leased from others including land used rent free. **Include** as rented any Section 15 land administered by the Bureau of Land Management.

**Item 3:** Report all land rented or leased to non-American Indians. **Include** land worked by non-American Indians on a share basis or rent free. Report land rented or leased for nonagricultural uses. **Exclude** tribal land used for grazing on a per-head or animal unit month (AUM) basis.

**Item 6:** Report the county or counties in which the land reported in item 4 is located. Estimate the acreage for each county if exact figures are not known.

**SECTIONS 2 - 12:**

- Report all crops that were harvested from or livestock raised on reservation land during 2002. **Exclude** crops harvested or livestock raised by non-American Indians.

**SECTIONS 13 - 17:**

- Consider all agricultural related income and contracts on, and expenses from, the reservation in 2002. **Exclude** amounts received or expenses incurred by non-American Indians and amounts received as share payment from land leased to others.

**SECTION 18 - 20:**

- Consider all fertilizers and chemicals, machinery, equipment, land and buildings for all farm and ranch operations on the Reservation operated by American Indians.

**SECTION 21:**

- Consider all farm or ranch workers who performed agricultural work on all operations on the reservation operated by American Indians. **Include** both American Indian and non-American Indian workers.

**SECTION 22:**

- The type of operation should be "other".

**SECTION 23:**

- Consider all farm and ranch operations controlled by individual American Indians or by the tribe or reservation. **Include** livestock on land used on a per-head or animal unit month (AUM) basis. **Exclude** agricultural activity operated by non-American Indians and agricultural activity on land off of the reservation.

**Item 3:** **Exclude** acres used on a per-head or animal unit month (AUM) basis.

**SECTION 24:**

- If the tribe or Reservation operates a farm or ranch and has a manager, complete all items for the manager. Item 11 should be coded as 'American Indian or Alaska Native'.
- If the tribe/reservation does not operate a farm or ranch (or it does but has no manager) leave the section blank, except for Item 11, which should be coded as 'American Indian or Alaska Native'.

**Your help in completing the 2002 Census of Agriculture is appreciated. Thank you for your cooperation.**

# Index

Items located in appendix B, tables A, B, and C are denoted BA, BB, and BC respectively. Items located in tables A, B and C in appendix C are denoted CA, CB, and CC. Only pertinent items will appear in the published tables.

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
<b>A</b>			
Age of principal operator . . . . .	1,52-61	40	BC, CA, CB
Age of second operator . . . . .	52-54	-	BC
Age of third operator . . . . .	52-54	-	BC
Agricultural chemicals purchased	1,4,55-61	3,11	-
Agricultural products sold, market value . . . . .	1,2,11,47-51,55-61	1,2	-
Agricultural services income . . . .	7,55-61	6	-
Alfalfa hay (see hay, alfalfa) . . . .	-	-	-
Alfalfa seed . . . . .	34	26	-
American Indian or Alaska Native operators . . . . .	47,51-61	43	BA, BB, BC, CA, CB
Almonds . . . . .	36,55-61	31	-
Amaranth . . . . .	-	27	-
Apples, All . . . . .	36,55-61	31	-
Apricots . . . . .	36	31	-
Aquaculture, sales value . . . . .	2,32,41,55-61	2	-
Aquaculture, pounds sold . . . . .	-	21	-
Aquaculture, number sold . . . . .	-	21	-
Aquatic plants . . . . .	38	34	-
Artichokes . . . . .	35	29	-
Asian operators . . . . .	47,52-61	45	CA, CB
Asparagus . . . . .	35	29	-
Austrian winter peas . . . . .	-	26	-
Average size of farm . . . . .	1,55-61	1,8	-
Avocados . . . . .	36	31	-
<b>B</b>			
Bahia grass . . . . .	-	26	-
Baitfish . . . . .	-	21	-
Bananas . . . . .	36	31	-
Balers (see hay balers) . . . . .	-	-	-
Barley for grain . . . . .	1,33,34,55-61	1,23,24	BB
Beans, dry edible . . . . .	1,33,34,55-61	1,23,25	-
Beans, dry limas . . . . .	-	25	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Beans, snap .....	35,55-61	29	-
Beans, soybeans .....	1,33,34,55-61	1,23,25	-
Beef cows .....	1,12,16,55-61	1,11	BB
Bees, colonies .....	32	19	-
Beets, sugar .....	1,33,34,55-61	1,23,25	-
Beets, table .....	35	29	-
Bentgrass seed .....	-	26	-
Bermuda grass seed .....	-	26	-
Berries harvested for sale .....	33,34,37,55-61	32,33	-
Birdsfoot trefoil Seed .....	-	26	-
Bison .....	32	22	BB
Blackberries .....	37	33	-
Black or African American operators .....	47,52-61	42	CA, CB
Blueberries .....	37	33	-
Boysenberries .....	37	33	-
Broccoli .....	35	29	-
Broilers .....	1,27,42,55-61	1,13,37	-
Bromegrass seed .....	-	26	-
Brussels sprouts .....	35	29	-
Buckwheat .....	-	24	-
Bulbs .....	38	34	-
Burros, donkeys, and mules .....	32	22	-
<b>C</b>			
Cabbage, Chinese .....	35	29	-
Cabbage, head .....	35	29	-
Cabbage, mustard .....	35	29	-
Canola .....	34	24	-
Cantaloups .....	35	29	-
Carrots .....	35	29	-
Cash rent expense .....	4,11,55-61	3	-
Cash rent or share payments received, farm-related income ...	7,55-61	6	-
Catfish .....	-	21	-
Cattle and calves, sales value .....	2,13-18,41,55-61	2,11	-
Cattle and calves herd size .....	14-17,55-61	11	-
Cattle on feed .....	12,13,42,55-61	11	-
Cattle and calves, inventory .....	1,11,12,14-17,41,55-61	1,11	-
Cattle and calves, number sold ...	1,13-18,55-61	1,11	BB
Cauliflower .....	35	29	-
Celery .....	35	29	-
Certified organically produced commodities, sales value .....	2,41,55-61	2	-
Cherries, sweet .....	36	31	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Cherries, tart . . . . .	36	31	-
Chickens (see Broilers, Layers or Pullets) . . . . .	-	-	-
Chicory . . . . .	35	29	-
Citrus fruit . . . . .	36	31	-
Coffee . . . . .	36	31	-
Collards . . . . .	35	29	-
Colonies of bees . . . . .	32	19	-
Combines, grain and bean, self- propelled . . . . .	45,55-61	38	-
Commercial fertilizer expense . . . .	1,4,11,41,46,55-61	3	-
Commercial fertilizers used . . . . .	46,55-61	39	-
Commodity Credit Corporation loans . . . . .	6,11,47-49,55-61	5	-
Computer use . . . . .	47-49,55-61	-	BB
Conservation Reserve programs, land enrolled . . . . .	8,11,55-61	8	-
Conservation Reserve programs, payments . . . . .	6,47-49	5	-
Contract labor expense . . . . .	4,11,55-61	3	-
Corporation, family held . . . . .	55-61	40	-
Corporation, other than family held . . . . .	55-61	40	-
Corporations, type of organization . . . . .	1,47-49,55-61	40	-
Corn for grain . . . . .	1,33,34,55-61	1,23,24	BB
Corn for silage . . . . .	1,33,34,55-61	1,23,26	BB
Cotton and cottonseed, sales value . . . . .	2,41,55-61	2	-
Cotton pickers and strippers, self- propelled . . . . .	45,55-61	38	-
Cotton, All . . . . .	1,33,34,55-61	1,23,25	-
Cotton, American-Pima . . . . .	33,34	1,25	-
Cotton, Upland . . . . .	33,34	1,25	-
Cows and heifers, inventory . . . . .	12,14-17,55-61	11	-
Cow herd size . . . . .	15-17	-	-
Cowpeas, dry . . . . .	-	25	-
Cowpeas, green . . . . .	35	29	-
Crambe . . . . .	-	27	-
Cranberries . . . . .	37	33	-
Crimson clover seed . . . . .	-	26	-
Cropland harvested . . . . .	1,8-11,41,50,51,55,61	1,8-10,23,40,47	BB
Cropland harvested, irrigated . . . . .	10,11,55-61	10	-
Cropland idle . . . . .	8,55-61	8	-
Cropland, other . . . . .	8	8	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Cropland summer fallowed . . . . .	8,55-61	8	-
Cropland, total . . . . .	1,8,11,41,51,55-61	1,8	BB
Cropland used only for pasture . . .	8,55-61	8	-
Cropland failed or abandoned . . . .	8,55-61	8	-
Crops, All, sales value . . . . .	1,2,11,47-61	1,2	-
Crustaceans . . . . .	-	21	-
Cucumbers . . . . .	35	29	-
Currants . . . . .	37	33	-
Customwork and custom hauling expense . . . . .	4,11,55-61	3	-
Customwork and other agricultural services income . . . .	7,55-61	6	-
Cut Christmas trees . . . . .	39	35	-
Cut Christmas trees and woody crops, sales value . . . . .	2,41,55-61	2	-
Cut flowers . . . . .	38	34	-
<b>D</b>			
Daikon . . . . .	35	29	-
Dairy cows . . . . .	1,11,12,17,41,55-61	1,11	-
Dairy products, sales value . . . . .	2,41,55-61	2	-
Dates . . . . .	36	31	-
Deer . . . . .	32	22	-
Defoliation, chemical control . . . . .	46	39	-
Depreciation expense . . . . .	4,55-61	3	-
Dill for oil . . . . .	-	27	-
Direct sales . . . . .	2,55-61	2	-
Donkeys, burros and mules . . . . .	32	22	-
Ducks, geese and other poultry . . .	27	13,14	-
<b>E</b>			
Economic class of farms . . . . .	3,47-49,55-61	-	BB
Eggplant . . . . .	35	29	-
Elk . . . . .	32	22	-
Emmer and spelt . . . . .	-	24	-
Emus . . . . .	27	14	-
Equipment and machinery, estimated market value . . . . .	44	1,38	-
Equipment and machinery, selected items . . . . .	45	38	-
Escarole and endive . . . . .	35	29	-
Estimated market value of land and buildings . . . . .	1,11,41,43,50,51,55-61	1,8	-
Ewes 1 year old or older . . . . .	29-31,55-61	16	-
Expenses paid by Landlords . . . . .	4,55-61	-	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Expenses, farm production . . . . .	1,4,11,41,51,55-61	1,3	BB
<b>F</b>			
Family held corporations . . . . .	55-61	40	CA, CB
Family or individual, type of organization . . . . .	1,47-49,55-61	40	CA, CB
Farm production expenses . . . . .	1,4,11,41,51,55-61	1,3	BB
Farmland, rental income received	7,55-61	6	-
Farms by combined value of sales and government payments . . . . .	57	-	-
Farms by economic class . . . . .	3,47-49,55-61	-	BB
Farms by North American Industrial Classification system . . . . .	50,51,55-61	51	-
Farms by age and primary occupation of operator . . . . .	60	-	BC, CA, CB
Farms by race . . . . .	47	-	CA, CB
Farms by size . . . . .	1,9,47-49,55-61	1,8-10	CA, CB
Farms by tenure . . . . .	47-49,55-61	40	BB, CA, CB
Farms by value of agricultural products sold . . . . .	1,2,41,56	1,2	CA, CB
Farms with net gains . . . . .	5,55-61	4	CB
Farms with net losses . . . . .	5,55-61	4	CB
Farms, number . . . . .	1,8,9,11,47-49,55-61	1,8-10,40	BB, CA, CB, CC
Female operators . . . . .	48,52-54	40,47-49	CA, CB
Fertilizer or chemicals purchased, expense . . . . .	1,4,11,41,46,55-61	3	BB
Fertilizer or chemical usage . . . . .	46,55-61	39	-
Feed purchased expense . . . . .	1,4,11,41,55-61	3	BB
Fescue seed . . . . .	34	26	-
Field seed crops . . . . .	34,55-61	10	-
Figs . . . . .	36	31	-
Filberts and Hazelnuts . . . . .	36	31	-
Flaxseed . . . . .	34,55-61	24	-
Floriculture crops . . . . .	38	34	-
Flower seeds . . . . .	38	34	-
Foliage plants . . . . .	38	34	-
Forage harvesters, self-propelled . .	45,55-61	38	-
Forage, All land used . . . . .	1,33,34,55-61	1,23,26	BB
Forest products, sales value, farm-related income . . . . .	7,55-61	6	-
Fruit and tree nuts . . . . .	1,34,36,55-61	1,23,31	-
Fruit, tree nuts and berries, sales value . . . . .	2,41,55-61	2	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Fuels, gasoline and oils purchased expense . . . . .	1,4,11,41,55-61	3	BB
Full owners . . . . .	47-49,55-61	40	CA, CB
<b>G</b>			
Gains, farms with . . . . .	5,55-61	4	-
Garlic . . . . .	35	29	-
Gasoline, fuels and oils, purchased expense . . . . .	1,4,11,41,55-61	3	-
Geese, ducks and other poultry . . .	27	13,14	-
Ginger root . . . . .	-	27	-
Ginseng . . . . .	-	27	-
Goats, All . . . . .	32,55-61	22	-
Goats, Angora . . . . .	32	18	-
Goats, meat and other . . . . .	32	22	-
Goats, milk . . . . .	32	17	-
Government payments, all . . . . .	3,6,11,41,47-49,55-61	1,5	-
Grain storage capacity . . . . .	40	36	-
Grains, oilseeds, dry beans, dry peas, sales value . . . . .	2,41,55-61	2	-
Grapefruit . . . . .	36	31	-
Grapes . . . . .	36,55-61	31	-
Grass silage, haylage and greenchop hay . . . . .	34	26	-
Greenhouse vegetables . . . . .	38	34	-
Guar . . . . .	-	27	-
Guavas . . . . .	36	31	-
<b>H</b>			
Harvested cropland . . . . .	1,8-11,41,50,51,55,61	1,8-10,23,40,47	BB
Hay balers . . . . .	45,55-61	38	-
Haylage, all . . . . .	33,34	26	-
Hay, alfalfa . . . . .	33,34,55-61	26	-
Hay, all . . . . .	34	26	-
Hay, other tame . . . . .	33,34,55-61	26	-
Hay, small grain . . . . .	33,34	26	-
Hay, wild . . . . .	33,34	26	-
Hazelnuts . . . . .	36	31	-
Hens (see Layers and pullets) . . . . .	27,28,55-61	13	-
Herbs, dry . . . . .	-	27	-
Herbs, fresh cut . . . . .	35	29	-
Hired farm labor expense . . . . .	1,4,11,41,55-61	3,7	BB
Hired managers . . . . .	47-49,55-61	-	-
Hired workers . . . . .	55-61	7	-
Hispanic origin . . . . .	49,52-61	50	CA,CB



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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Hogs and pigs, herd size, inventory and sales .....	21	-	-
Hogs and pigs inventory and sales by number sold .....	22	-	-
Hogs and pigs, inventory .....	1,11,19,21,41,55-61	1,12	BB
Hogs and pigs, type of operation and producer .....	23-26	-	-
Hogs and pigs, number sold .....	1,20,22,55-61	1,12	BB
Hogs and pigs, sales value .....	2,20,22,41,55-61	2,12	-
Honey produced .....	32	19	-
Honeydew melons .....	35	29	-
Hops .....	34	27	-
Horses and ponies .....	32,55-61	15	BB
Horses, ponies, mules, burros and donkeys, sales value .....	2,41,55-61	2	-
Households sharing in farm income .....	47-49,55-61	-	-
<b>I</b>			
Institutional, research, experimental, and American Indian reservation farms .....	51	-	-
Income from farm-related income .....	7,55-61	6	-
Income (see Net cash farm income) .....	-	-	-
Income, percent from farming ....	47-49,55-61	-	-
Insects, chemical control .....	46,55-61	39	-
Interest expenses .....	1,4,11,41,55-61	3	BB
Internet access .....	47-49,55-61	-	BB
Irrigated land .....	1,9-11,33,34,51,55-61	1,10,23-28,30,32	-
<b>J</b>			
Jojoba .....	-	27	-
<b>K</b>			
K-Early citrus .....	36	31	-
Kale .....	35	29	-
Kentucky bluegrass seed .....	-	26	-
Kiwifruit .....	36	31	-
Kumquats .....	36	31	-
<b>L</b>			
Labor expense, hired .....	1,4,11,41,55-61	3,7	BB
Ladino clover seed .....	-	26	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Land and buildings, estimated market value .....	1,11,41,43,50,51,55-61	1,8	BB
Land in farms, acres .....	1,8,9,11,41,47-51,55-61	1,8,40-50	BB, CA, CB, CC
Land owned .....	55-61	40	-
Land rented or leased from others .....	55-61	40	-
Land rented or leased to others ...	55-61	-	-
Land covered by crop insurance policies .....	8,55-61	8	-
Land use .....	1, 8,11,55-61	1,8	-
Land used for vegetables .....	34,55-61	28	-
Land used to raise certified organically produced crops .....	8,55-61	8	-
Landlord's share of production expenses .....	4	-	-
Landlord's share of sales .....	2,41,55-61	-	-
Latino, Spanish or Hispanic origin .....	49,52-61	50	-
Layers 20 weeks old and older ...	1,27,55-61	1,13	BB
Lemons .....	36	31	-
Lentils .....	34	25	-
Lespedeza seed .....	-	26	-
Lettuce, all .....	35	29	-
Lima beans, green .....	35	29	-
Limes .....	36	31	-
Livestock and poultry purchased expense .....	1,4,11,41,55-61	3	-
Livestock and poultry, sales value .....	1,2,11,41,50,55-61	1,2	-
Living on an American Indian reservation .....	52-61	-	BC
Llamas .....	32	22	-
Loganberries .....	37	33	-
Losses, farms with .....	5,55-61	4	-
Lotus root .....	-	27	-
<b>M</b>			
Macadamia nuts .....	36	31	-
Machinery and equipment, estimated market value .....	1,11,41,44,50,55-61	1,38	BB
Machinery and equipment, rent and lease expense .....	4,11,55-61	3	-
Machinery and equipment, selected items .....	45	38	-
Male operators .....	52-54	40	BC,CA,CB

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Mangoes . . . . .	36	31	-
Manure applied to cropland and pastureland . . . . .	46,55-61	39	-
Maple syrup . . . . .	39	35	-
Market value of agricultural products sold . . . . .	1,2,3,11,41,50,55-61	1,2	-
Median size of farm . . . . .	-	8	-
Melons . . . . .	35	29	-
Migrant workers . . . . .	55-61	7	-
Milk and dairy products, sales value . . . . .	2,41,55-61	2,11	-
Milk cows . . . . .	1,11,12,17,41,55-61	1,11	BB
Millet, foxtail . . . . .	-	26	-
Millet, proso . . . . .	34	24	-
Mink and their pelts . . . . .	32	20	-
Mint for oil . . . . .	34	27	-
Mohair clipped . . . . .	32	18	-
Mollusks . . . . .	-	21	-
More than one race, operators . . . .	47,52-61	46	-
Mules, burros, and donkeys . . . . .	32	22	-
Mungbeans . . . . .	-	27	-
Mushrooms . . . . .	38	34	-
Mustard greens . . . . .	35	29	-
Mustard seed . . . . .	-	24	-
<b>N</b>			
Native Hawaiian or other Pacific Islander operators . . . . .	47,52-61	44	CA,CB
Nectarines . . . . .	36	31	-
Net cash farm income of the operation . . . . .	5,55-61	1,4	CB
Net cash farm income of the operator(s) . . . . .	5,55-61	4	-
North American Industry Classification System (NAICS) . . . . .	40,47-50,55-61	51	-
Number of farms . . . . .	1,8-11,41,50,55-61	1,8,40,51	BB,CA,CB,CC
Number of households sharing farm income . . . . .	47-49,55-61	-	-
Number of operators . . . . .	55-61	40	-
Number of persons living in operator's household . . . . .	52-61	-	-
Nursery crops . . . . .	38	34	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Nursery, greenhouse, floriculture, and sod, sales value . . . . .	2,41,55-61	2	-
<b>O</b>			
Oats for grain . . . . .	1,33,34,55-61	1,23,24	BB
Occupation of operator . . . . .	52-61	40	BC, CA, CB
Off-farm work by operator . . . . .	52-61	40	BC
Okra . . . . .	35	29	-
Olives . . . . .	36	31	-
Onions . . . . .	35	29	-
Operations with net gains . . . . .	5,55-61	1,4	-
Operations with net losses . . . . .	5,55-61	1,4	-
Operator characteristics . . . . .	52-61	40	BC
Operators, all . . . . .	52-54	40	-
Operators, total . . . . .	55-61	40	-
Operators, total women . . . . .	55-61	40	-
Operators on farm . . . . .	52-61	40	-
Oranges . . . . .	36	31	-
Orchardgrass seed . . . . .	-	26	-
Orchards, land in . . . . .	33,34,55-61	1,23,30	-
Organic production, acres . . . . .	8,55-61	8	-
Organic production, sales . . . . .	2,41,55-61	2	-
Organization of farm . . . . .	1,48,49,55-61	40	-
Ornamental fish . . . . .	-	21	-
Ostriches . . . . .	27	14	-
Other animal and other animal products, sales value . . . . .	2,41,55-61	2	-
Other aquaculture . . . . .	-	21	-
Other crops and hay, sales value . .	2,41,55-61	2	-
Other farm-related income . . . . .	7,11,55-61	1,6	-
Other federal farm programs payments . . . . .	6	5	-
Other fish . . . . .	-	21	-
Other food fish . . . . .	-	21	-
Other land . . . . .	8,55-61	8	-
Other farm production expenses . .	4,11,55-61	3	-
Other poultry . . . . .	-	14	-
<b>P</b>			
Papayas . . . . .	36	31	-
Parsley . . . . .	35	29	-
Part owners . . . . .	47-49,55-61	40	CA, CB
Partnership, type of organization . .	1,47-49,55-61	40	-
Passion fruit . . . . .	36	31	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Pastureland, excluding woodland pastured .....	11,41	-	-
Pastureland .....	-	8	-
Pastureland irrigated .....	10,55-61	10	-
Patronage dividends and refunds from cooperatives .....	7,55-61	6	-
Peaches .....	36,55-61	31	-
Peanuts .....	1,33,34,55-61	1,23,25	-
Pears .....	36	31	-
Peas, Chinese .....	35	29	-
Peas, dry edible .....	34	25	-
Peas, green .....	35,55-61	29	-
Pecans .....	36,55-61	31	-
Peppermint for oil .....	-	27	-
Percent of income from farming .....	47-49,55-61	-	-
Permanent pasture and rangeland .....	8,55-61	8	-
Persimmons .....	36	31	-
Pheasants .....	-	14	-
Pigeons or squab .....	-	14	-
Pineapples .....	1,34,55-61	1,23,27	-
Pineapples not harvested .....	-	27	-
Pistachios .....	36	31	-
Place of residence .....	52-61	40	-
Plums .....	36	31	-
Pomegranates .....	36	31	-
Popcorn .....	34	24	-
Potatoes .....	1,33,34,55-61	1,23,25	-
Potted flowering plants .....	38	34	-
Poultry hatched .....	-	14	-
Poultry and poultry products, sales value .....	2,41,55-61	2	-
Poultry inventory .....	27,55-61	13	-
Primary occupation .....	1,52-61	1,40	-
Production contracts .....	42	37	-
Property taxes paid .....	4,11,55-61	3	-
Prunes .....	36	31	-
Pullets for laying flock replacement .....	27,55-61	13	-
Pumpkins .....	35	29	-
<b>Q</b>			
Quail .....	-	14	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
<b>R</b>			
Rabbits and their pelts .....	32	22	-
Race of operator .....	47,52-61	41-46	CA,CB
Radishes .....	35	29	-
Rapeseed .....	-	24	-
Raspberries .....	37	33	-
Recreational services income .....	7,55-61	6	-
Red clover seed .....	-	26	-
Redtop seed .....	-	26	-
Rent or shares payments income ..	7,55-61	6	-
Rented land .....	47-49,55-61	40	-
Residence, place of .....	52-61	40	-
Rhubarb .....	35	29	-
Rice .....	1,33,34,55-61	1,23,24	-
Romaine lettuce .....	35	29	-
Rye for grain .....	34	24	-
Ryegrass seed .....	34	26	-
<b>S</b>			
Safflower .....	34	24	-
Salt hay .....	-	27	-
Seeds, plants, vines, purchased expense .....	4,11,55-61	3	-
Sex of operator .....	48,52-61	40, 47-49	CA, CB
Sesame .....	-	27	-
Sheep and lambs, inventory .....	11,29,30,55-61	1,16	BB
Sheep and lambs sold .....	29-31,55-61	16	BB
Sheep, goats and their products, sales value .....	2,41,55-61	2	-
Short rotation woody crops .....	39	35	-
Snap beans .....	35,55-61	29	-
Size of farm, average .....	1,55-61	1,8	-
Sod .....	38	34	-
Sorghum for grain .....	1,33,34,55-61	1,23,24	-
Sorghum for silage .....	1,34	1,26	-
Sorghum for syrup .....	-	27	-
Soybeans for beans .....	1,33,34,55-61	1,23,25	BB
Spanish, Hispanic, or Latino origin operators .....	49,54-61	50	-
Spearmint for oil .....	-	27	-
Spinach .....	35	29	-
Sport or game fish .....	-	21	-
Squash .....	35	29	-
Strawberries .....	37	33	-
Sudangrass seed .....	-	26	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Sugarbeets for seed .....	-	25	-
Sugarbeets for sugar .....	1,33,34,55-61	1,23,25	-
Sugarcane for seed .....	-	25	-
Sugarcane for sugar .....	1,33,34,55-61	1,23,25	-
Sugarcane not harvested .....	-	25	-
Sunflower seed, all .....	1,34,55-61	1,23,24	BB
Sunflower seed, oil varieties .....	34	24	-
Sunflower seed, not for oil varieties .....	34	24	-
Supplies, repairs, and maintenance expense .....	4,11,55-61	3	-
Sweet corn .....	35,55-61	29	-
Sweet corn for seed .....	-	27	-
Sweet potatoes .....	1,34,55-61	1,25	-
Sweet rice .....	-	27	-
Sweetclover seed .....	-	26	-
<b>T</b>			
Tangelos .....	36	31	-
Tangerines .....	36	31	-
Taro .....	-	27	-
Temples .....	36	31	-
Tenants .....	47-49,55-61	40	CA, CB
Tenure of operation .....	47-49,55-61	40	-
Timothy seed .....	-	26	-
Tobacco .....	1,33,34,55-61	1,23,25	-
Tobacco, sales value .....	2,41,55-61	2	-
Tomatoes .....	35,55-61	29	-
Tractors .....	45,55-61	38	-
Trout .....	-	21	-
Turkeys inventory .....	27,55-61	13	-
Turnip greens .....	35	29	-
Turnips .....	35	29	-
Type of organization .....	1,48,49,55-61	40	-
<b>U</b>			
Utilities expense .....	1,4,11,41,55-61	3	-
<b>V</b>			
Value of agricultural products sold .....	1,2,11,47-51,55-61	1,2	-
Value of land and buildings, estimated market value .....	1,11,41,50,51,55-61	1,8	-

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Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
Value of machinery and equipment, estimated market value .....	1,11,41,50,51,55-61	1,38	-
Vegetable seeds .....	38	34	-
Vegetables harvested .....	1,33,35	1,23,28,29	-
Vegetables harvested for processing .....	35,55-61	29	-
Vegetables, land used for .....	34,55-61	28	-
Vegetables, melons, potatoes and sweet potatoes, sales value .....	2,41,55-61	2	-
Vetch seed .....	-	26	-
<b>W</b>			
Walnuts, English .....	36,55-61	31	-
Watercress .....	35	29	-
Watermelons .....	35	29	-
Wheatgrass seed .....	-	26	-
Wheat, All .....	1,33,34,55-61	1,23,24	BB
Wheat, Durum .....	1,33,34	1,24	BB
Wheat, Other spring .....	1,33,34	1,24	BB
Wheat, Winter .....	1,33,34	1,24	BB
White operators .....	47,52-61	41	-
White clover seed .....	-	26	-
Wild rice .....	-	24	-
Women operators .....	48,52-61	40,47-49	BC,CA,CB
Woodland, All .....	8,55-61	8	-
Wool production .....	29-31	16	-
Workers, hired farm .....	55-61	7	-
Work off farm (see off-farm work) .....	-	-	-
<b>Y</b>			
Years on present farm .....	52-61	40	BC



# Publication Program

## 2002 CENSUS OF AGRICULTURE

Results of the 2002 Census of Agriculture are published in a series of reports that provide data at the national, State, and county (or equivalent) levels for the United States. Data also are available for Puerto Rico, American Samoa, Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands of the United States.

### VOLUME 1. GEOGRAPHIC AREA SERIES (AC-02-A-1 to 51)

**National, State, and county data** are published in detailed national and State tables for the United States, and in State and county tables for each State. These reports include data on number and size of farms; crop production; livestock, poultry, and their products; tenure, age, and principal occupation of operator and up to 3 operators; type of organization; value of products sold; government payments plus market value of agricultural products sold; production expenses; direct marketing; landlord expenses; computer use; production contracts; fertilizers and chemicals; machinery and equipment; farm labor and migrant workers; value of land and buildings; agricultural activity on American Indian reservations; grain storage capacity; land use; irrigation; and the North American Industry Classification System.

#### U.S. Summary and State Report (AC-02-A-51)

- Chapter 1. National-level data
- Chapter 2. State-level data

#### State and County Reports (AC-02-A-1 to 50)

- Chapter 1. State-level data
- Chapter 2. County-level data

**Outlying Areas Data (AC-02-A-52 to 56)** - Data are published for the municipios of Puerto Rico, the election districts on Guam, the municipalities of the Commonwealth of the Northern Mariana Islands, the districts and counties of American Samoa, and the islands of U.S. Virgin Islands.

**Specialty Products** - Data from the census are extracted and presented in several different product formats. They are the State and County Highlights, County Profiles, American Indian and Alaska Native, and Top Commodities.

### VOLUME 2. SUBJECT SERIES (AC-02-S-1 to 5)

**Agricultural Atlas of the United States (AC-02-S-1)** graphically illustrates a profile of the Nation's agriculture at the county-level in a series of multicolor pattern and dot maps.

**Congressional District Ranking (AC-02-S-2)** provides selected statistics from the 2002 Census of Agriculture ranked by

congressional districts. The statistics include: operator characteristics, farm characteristics, selected livestock, and selected crops harvested.

**ZIP Code Tabulations of Selected Items (AC-02-S-3)** provides tabulations by ZIP Code for the total market value of products sold; number of farms by size; land in farms; inventory of cattle, calves, hogs, and pigs; cropland harvested; and selected crops from the 2002 census.

**Congressional District Tabulations (AC-02-S-4)** provides data by congressional district. The tables show the total market value of products sold and the number of farms by size; land in farms; inventory of cattle, calves, hogs, and pigs; cropland harvested; and selected crops.

**History (AC-02-S-5)** provides a detailed description of the planning and conduct of the 2002 Census of Agriculture. It explains the history of the agriculture census, farm definition, data collection and processing, data dissemination, and research.

### VOLUME 3. SPECIAL STUDIES (AC-02-SP-1 to 2)

#### 2003 Farm and Ranch Irrigation Survey

**(AC-02-SP-1)** provides data collected from a sample of irrigated farm operations in the 2002 Census of Agriculture at the national and state levels.

**2005 Census of Aquaculture (AC-02-SP-3)** provides statistics about the Nation's aquaculture production and structure of the aquaculture industry at the national, regional, and State levels.

## PRINTED REPORTS

All of the reports listed above are available as printed reports, except Specialty Products for State and County Highlights, County Profiles, and Top Commodities and Volume 2, ZIP Code Tabulations of Selected Items (Part 3) and Congressional District Tabulations (Part 4).

## ELECTRONIC PRODUCTS

**Internet** - Data from Volume 1, Volume 2, and Volume 3 are available online at the NASS Web site at [www.usda.gov/nass/](http://www.usda.gov/nass/). Quick STATS (an online statistics database on the NASS Web site) are available for Volume 1, at the National, State and county-level and for municipios in Puerto Rico.

**CD-ROM** - Manipulable data files from Volume 1, Parts 1-52 are available.

For additional information, write the Customer Services Office, National Agricultural Statistics Service, USDA, Room 5835, South Building, 1400 Independence Avenue, SW, Washington, DC 20250-2000 or call 800-727-9540.