

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
FARMS AND LAND IN FARMS						
Farms	49,355	24,191	18,646	6,518	31,951	17,404
number	100.0	49.0	37.8	13.2	64.7	35.3
Land in farms	45,903,116	13,765,932	27,308,269	4,828,915	24,703,878	21,199,238
Average size of farm	930	569	1,465	741	773	1,218
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS						
Total (see text)	49,355	24,191	18,646	6,518	31,951	17,404
farms	10,051,174	3,959,044	4,963,776	1,128,354	4,984,821	5,066,353
Average per farm	203,651	163,658	266,211	173,113	156,015	291,103
Farms by economic class:						
Less than \$1,000 (see text)	3,559	2,968	258	333	2,394	1,165
\$1,000 to \$2,499	2,793	2,443	172	178	1,975	818
\$2,500 to \$4,999	3,050	2,524	261	265	2,178	872
\$5,000 to \$9,999	4,118	3,104	519	495	2,922	1,196
\$10,000 to \$24,999	6,489	4,125	1,406	958	4,390	2,099
\$25,000 to \$49,999	6,187	2,928	2,195	1,064	4,084	2,103
\$50,000 to \$99,999	6,601	2,197	3,326	1,078	4,315	2,286
\$100,000 to \$249,999	9,177	2,006	5,842	1,329	5,776	3,401
\$250,000 to \$499,999	4,374	978	2,892	504	2,520	1,854
\$500,000 to \$999,999	1,938	542	1,210	186	970	968
\$1,000,000 or more	1,069	376	565	128	427	642
\$1,000,000 to \$2,499,999	664	185	406	73	265	399
\$2,500,000 to \$4,999,999	181	64	88	29	69	112
\$5,000,000 or more	224	127	71	26	93	131
Total sales (see text)	49,355	24,191	18,646	6,518	31,951	17,404
farms	9,703,657	3,844,748	4,765,542	1,093,367	4,781,371	4,922,286
\$1,000						
Grains, oilseeds, dry beans, and dry peas ¹	28,070	9,212	14,600	4,258	18,275	9,795
farms	3,091,884	685,778	1,985,939	420,167	1,793,935	1,297,949
Sales of \$50,000 or more	14,472	2,966	9,401	2,105	9,047	5,425
farms	2,830,195	586,629	1,868,181	375,386	1,615,983	1,214,213
\$1,000	-	-	-	-	-	-
Tobacco	-	-	-	-	-	-
farms	-	-	-	-	-	-
Sales of \$50,000 or more	-	-	-	-	-	-
farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-
farms	-	-	-	-	-	-
Sales of \$50,000 or more	-	-	-	-	-	-
farms	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes	261	140	75	46	140	121
farms	58,337	6,441	32,928	18,967	28,822	29,515
Sales of \$50,000 or more	67	18	28	21	40	27
farms	56,459	5,330	32,402	18,727	27,880	28,579
\$1,000						
Fruits, tree nuts, and berries	158	126	19	13	67	91
farms	1,375	928	262	185	474	901
Sales of \$50,000 or more	5	3	2	-	2	3
farms	(D)	360	(D)	-	(D)	372
\$1,000						
Nursery, greenhouse, floriculture, and sod (see text)	355	272	44	39	167	188
farms	34,259	23,363	8,227	2,669	11,798	22,461
Sales of \$50,000 or more	106	81	17	8	32	74
farms	30,437	20,597	7,603	2,237	9,830	20,608
\$1,000						
Cut Christmas trees and short-rotation woody crops	84	69	10	5	50	34
farms	797	(D)	(D)	9	487	310
Sales of \$50,000 or more	2	-	2	-	2	-
farms	(D)	-	(D)	-	(D)	-
\$1,000						
Other crops and hay (see text)	9,395	3,971	4,334	1,090	5,858	3,537
farms	201,613	61,020	111,852	28,741	116,785	84,828
Sales of \$50,000 or more	943	270	513	160	549	394
farms	122,411	32,714	70,332	19,364	68,512	53,898
\$1,000						
Cattle and calves	23,416	8,710	11,553	3,153	13,732	9,684
farms	5,401,018	2,516,336	2,340,636	544,046	2,313,032	3,087,986
Sales of \$50,000 or more	7,749	2,197	4,678	874	4,136	3,613
farms	5,134,236	2,422,976	2,204,127	507,133	2,153,006	2,981,230
\$1,000						
Milk and other dairy products from cows	642	260	316	66	281	361
farms	148,941	73,569	61,175	14,196	50,954	97,987
Sales of \$50,000 or more	458	172	238	48	169	289
farms	144,528	71,584	59,084	13,860	48,310	96,218
\$1,000						
Hogs and pigs	3,594	1,398	1,806	390	2,111	1,483
farms	590,581	348,834	190,567	51,180	354,357	236,224
Sales of \$50,000 or more	1,500	514	850	136	832	668
farms	559,541	337,897	174,231	47,413	334,989	224,551
\$1,000						
Sheep, goats, and their products	1,481	773	516	192	724	757
farms	8,288	4,109	2,323	1,856	4,343	3,945
Sales of \$50,000 or more	17	12	2	3	7	10
farms	2,774	1,410	(D)	(D)	1,673	1,101
\$1,000						
Horses, ponies, mules, burros, and donkeys	1,761	875	665	221	810	951
farms	11,098	4,774	5,541	783	5,315	5,783
Sales of \$50,000 or more	26	11	15	-	12	14
farms	4,078	1,286	2,792	-	2,276	1,802
\$1,000						
Poultry and eggs	722	415	241	66	289	433
farms	142,442	(D)	(D)	(D)	96,328	46,114
Sales of \$50,000 or more	52	33	17	2	21	31
farms	141,470	109,570	(D)	(D)	95,961	45,509
\$1,000						

See footnote(s) at end of table.

--continued

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
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) farms	39	28	6	5	19	20
\$1,000	2,170	(D)	209	(D)	308	1,862
Sales of \$50,000 or more farms	5	3	1	1	1	4
\$1,000	1,811	(D)	(D)	(D)	(D)	(D)
Other animals and other animal products (see text) farms	309	231	51	27	170	139
\$1,000	10,853	8,271	(D)	(D)	4,433	6,420
Sales of \$50,000 or more farms	43	32	9	2	22	21
\$1,000	9,068	7,012	(D)	(D)	3,428	5,640
Government payments farms	32,007	14,007	14,171	3,829	20,743	11,264
\$1,000	347,517	114,296	198,234	34,987	203,450	144,068
Value of -						
Certified organically produced commodities (see text) farms	137	60	66	11	64	73
\$1,000	4,145	1,267	2,722	157	1,855	2,291
Landlord's share of total sales (see text) farms	8,424	-	6,391	2,033	5,327	3,097
\$1,000	322,755	-	247,841	74,914	183,055	139,700
Agricultural products sold directly to individuals for human consumption (see text) farms	1,088	527	440	121	485	603
\$1,000	4,015	1,716	1,703	596	1,738	2,277
FARM PRODUCTION EXPENSES ²						
Total farm production expenses farms	49,356	24,191	18,498	6,667	31,662	17,694
\$1,000	9,050,038	3,689,921	4,345,783	1,014,333	4,394,459	4,655,578
Average per farm dollars	183,362	152,533	234,933	152,142	138,793	263,116
Fertilizer, lime, and soil conditioners purchased farms	32,982	12,158	15,994	4,830	20,813	12,169
\$1,000	465,636	113,426	295,340	56,870	258,472	207,164
Farms with expenses of-						
\$1 to \$4,999	14,594	7,847	4,603	2,144	9,589	5,005
\$5,000 to \$24,999	13,000	3,137	7,770	2,093	8,252	4,748
\$25,000 to \$49,999	3,452	704	2,331	417	2,016	1,436
\$50,000 or more	1,936	470	1,290	176	956	980
Chemicals purchased farms	29,632	10,697	14,545	4,390	18,055	11,577
\$1,000	281,683	49,338	190,555	41,790	152,498	129,185
Farms with expenses of-						
\$1 to \$4,999	16,301	8,494	5,461	2,346	10,065	6,236
\$5,000 to \$24,999	10,538	1,867	7,049	1,622	6,541	3,997
\$25,000 to \$49,999	2,019	219	1,473	327	1,141	878
\$50,000 or more	774	117	562	95	308	466
Seeds, plants, vines, and trees farms	30,944	11,244	15,304	4,396	19,629	11,315
\$1,000	370,108	82,925	235,716	51,467	209,915	160,193
Farms with expenses of-						
\$1 to \$999	5,634	3,660	1,411	563	3,669	1,965
\$1,000 to \$4,999	8,915	4,245	3,415	1,255	5,835	3,080
\$5,000 to \$24,999	12,071	2,421	7,600	2,050	7,845	4,226
\$25,000 to \$49,999	3,256	663	2,194	399	1,794	1,462
\$50,000 or more	1,068	255	684	129	486	582
Livestock and poultry purchased farms	16,074	6,034	7,948	2,092	9,035	7,039
\$1,000	3,211,783	1,632,057	1,260,053	319,673	1,347,372	1,864,411
Farms with expenses of-						
\$1 to \$4,999	7,782	3,432	3,247	1,103	4,411	3,371
\$5,000 to \$24,999	4,289	1,284	2,447	558	2,403	1,886
\$25,000 to \$99,999	1,896	666	1,046	184	1,144	752
\$100,000 to \$249,999	947	255	576	116	534	413
\$250,000 or more	1,160	397	632	131	543	617
Breeding livestock purchased (see text) farms	9,741	3,216	5,330	1,195	5,237	4,504
\$1,000	90,966	36,884	46,229	7,854	50,827	40,139
Other livestock and poultry purchased farms	9,173	3,688	4,266	1,219	5,218	3,955
\$1,000	3,120,817	1,595,173	1,213,825	311,819	1,296,545	1,824,271
Feed purchased farms	26,376	11,413	11,448	3,515	15,324	11,052
\$1,000	1,490,523	827,378	515,797	147,348	713,360	777,163
Farms with expenses of-						
\$1 to \$4,999	14,376	7,263	5,062	2,051	8,786	5,590
\$5,000 to \$24,999	7,579	2,703	3,873	1,003	4,294	3,285
\$25,000 to \$99,999	2,900	845	1,779	276	1,542	1,358
\$100,000 to \$249,999	785	242	441	102	378	407
\$250,000 or more	736	360	293	83	324	412
Gasoline, fuels, and oils farms	46,325	21,478	18,386	6,461	29,225	17,100
\$1,000	331,458	93,904	194,003	43,551	183,144	148,313
Farms with expenses of-						
\$1 to \$4,999	29,564	17,258	8,170	4,136	19,472	10,092
\$5,000 to \$24,999	13,899	3,474	8,438	1,987	8,340	5,559
\$25,000 to \$49,999	2,018	504	1,275	239	1,020	998
\$50,000 or more	844	242	503	99	393	451

See footnote(s) at end of table.

--continued

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
FARM PRODUCTION EXPENSES² - Con.						
Total farm production expenses - Con.						
Utilities (see text) farms	36,103	14,741	16,720	4,642	22,034	14,069
\$1,000	173,402	54,305	99,213	19,883	90,309	83,093
Farms with expenses of-						
\$1 to \$999	10,296	6,073	2,903	1,320	7,086	3,210
\$1,000 to \$4,999	17,995	6,538	8,978	2,479	10,747	7,248
\$5,000 to \$24,999	6,663	1,783	4,160	720	3,697	2,966
\$25,000 to \$49,999	767	221	452	94	335	432
\$50,000 or more	382	126	227	29	169	213
Supplies, repairs, and maintenance farms	44,184	20,076	17,961	6,147	27,874	16,310
\$1,000	465,069	145,665	261,526	57,878	257,135	207,934
Farms with expenses of-						
\$1 to \$4,999	23,434	14,111	5,928	3,395	15,706	7,728
\$5,000 to \$24,999	16,206	4,755	9,275	2,176	9,744	6,462
\$25,000 to \$49,999	3,095	757	1,920	418	1,744	1,351
\$50,000 or more	1,449	453	838	158	680	769
Hired farm labor farms	17,489	6,174	9,237	2,078	9,877	7,612
\$1,000	371,650	149,172	184,346	38,132	165,387	206,263
Farms with expenses of-						
\$1 to \$4,999	9,585	3,611	4,701	1,273	5,967	3,618
\$5,000 to \$24,999	4,584	1,458	2,653	473	2,447	2,137
\$25,000 to \$99,999	2,650	808	1,590	252	1,185	1,465
\$100,000 to \$249,999	482	196	230	56	202	280
\$250,000 or more	188	101	63	24	76	112
Contract labor farms	5,016	1,945	2,518	553	2,802	2,214
\$1,000	26,263	8,351	14,713	3,199	11,715	14,548
Farms with expenses of-						
\$1 to \$999	1,553	763	642	148	910	643
\$1,000 to \$4,999	2,151	761	1,135	255	1,270	881
\$5,000 to \$24,999	1,131	361	642	128	548	583
\$25,000 to \$49,999	121	42	66	13	58	63
\$50,000 or more	60	18	33	9	16	44
Customwork and custom hauling farms	15,996	6,102	7,905	1,989	9,661	6,335
\$1,000	105,236	35,596	56,287	13,352	57,290	47,946
Farms with expenses of-						
\$1 to \$999	4,505	2,164	1,791	550	2,952	1,553
\$1,000 to \$4,999	6,592	2,547	3,254	791	3,942	2,650
\$5,000 to \$24,999	4,188	1,162	2,476	550	2,386	1,802
\$25,000 to \$49,999	477	137	269	71	263	214
\$50,000 or more	234	92	115	27	118	116
Cash rent for land, buildings, and grazing fees farms	20,243	1,689	14,092	4,462	11,977	8,266
\$1,000	471,124	8,869	356,362	105,893	241,077	230,047
Farms with expenses of-						
\$1 to \$4,999	6,584	1,261	3,958	1,365	4,060	2,524
\$5,000 to \$9,999	3,255	190	2,297	768	2,014	1,241
\$10,000 to \$24,999	4,790	174	3,532	1,084	2,752	2,038
\$25,000 or more	5,614	64	4,305	1,245	3,151	2,463
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms	6,037	1,501	3,328	1,208	3,494	2,543
\$1,000	58,333	10,763	33,783	13,787	30,524	27,810
Farms with expenses of-						
\$1 to \$999	1,512	576	703	233	908	604
\$1,000 to \$4,999	2,013	478	1,084	451	1,153	860
\$5,000 to \$24,999	1,969	314	1,279	376	1,152	817
\$25,000 to \$49,999	338	101	149	88	185	153
\$50,000 or more	205	32	113	60	96	109
Interest expense farms	28,741	10,698	14,562	3,481	17,761	10,980
\$1,000	468,738	176,451	262,219	30,067	263,443	205,295
Farms with expenses of-						
\$1 to \$4,999	11,462	5,097	4,299	2,066	7,584	3,878
\$5,000 to \$24,999	12,326	4,017	7,140	1,169	7,539	4,787
\$25,000 to \$99,999	4,437	1,308	2,908	221	2,369	2,068
\$100,000 or more	516	276	215	25	269	247
Secured by real estate farms	21,006	8,783	12,223	-	12,754	8,252
\$1,000	283,382	124,007	159,375	-	164,229	119,153
Farms with expenses of-						
\$1 to \$999	2,138	1,198	940	-	1,402	736
\$1,000 to \$4,999	6,413	2,946	3,467	-	4,054	2,359
\$5,000 to \$24,999	9,658	3,482	6,176	-	5,784	3,874
\$25,000 to \$49,999	1,909	721	1,188	-	1,028	881
\$50,000 or more	888	436	452	-	486	402
Not secured by real estate farms	18,686	5,662	9,543	3,481	11,465	7,221
\$1,000	185,356	52,445	102,844	30,067	99,214	86,142
Farms with expenses of-						
\$1 to \$999	3,579	1,718	1,140	721	2,347	1,232
\$1,000 to \$4,999	6,805	2,159	3,301	1,345	4,406	2,399
\$5,000 to \$24,999	6,761	1,419	4,173	1,169	3,976	2,785
\$25,000 to \$49,999	1,042	199	679	164	522	520
\$50,000 or more	499	167	250	82	214	285
Property taxes paid farms	45,731	23,630	18,469	3,632	29,084	16,647
\$1,000	272,832	131,867	130,633	10,331	157,084	115,747
Farms with expenses of-						
\$1 to \$4,999	30,286	17,113	10,116	3,057	20,172	10,114
\$5,000 to \$9,999	8,291	3,323	4,635	333	5,094	3,197
\$10,000 to \$24,999	5,491	2,233	3,051	207	2,909	2,582
\$25,000 or more	1,663	961	667	35	909	754

See footnote(s) at end of table.

--continued

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
INCOME FROM FARM-RELATED SOURCES - Con.						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text)	farms 14,835 \$1,000 14,270	4,548 3,410	8,253 9,322	2,034 1,537	9,096 7,810	5,739 6,459
Other farm-related income sources (see text)	farms 4,578 \$1,000 41,271	1,594 11,176	2,433 24,593	551 5,503	2,601 22,359	1,977 18,912
LAND USE						
Total cropland	farms 43,722 acres 22,520,874	20,251 6,069,517	17,933 13,756,272	5,538 2,695,085	28,333 13,058,478	15,389 9,462,396
Harvested cropland	farms 37,143 acres 17,336,624	14,539 4,138,475	17,458 11,010,265	5,146 2,187,884	23,417 9,969,376	13,726 7,367,248
Farms by acres harvested:						
1 to 49 acres	5,941	4,414	1,019	508	3,700	2,241
50 to 99 acres	3,624	2,216	870	538	2,398	1,226
100 to 199 acres	5,795	2,831	1,930	1,034	3,923	1,872
200 to 499 acres	9,609	2,793	5,244	1,572	6,233	3,376
500 to 999 acres	7,341	1,241	5,101	999	4,613	2,728
1,000 to 1,999 acres	3,896	800	2,698	398	2,151	1,745
2,000 acres or more	937	244	596	97	399	538
Cropland-						
For pasture or grazing only	farms 10,047 acres 1,881,599	4,492 564,852	4,446 1,088,422	1,109 228,325	6,025 1,045,775	4,022 835,824
On which all crops failed	farms 6,723 acres 949,677	2,262 237,009	3,588 595,850	873 116,818	4,009 529,142	2,714 420,535
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text)	farms 9,985 acres 1,146,195	6,919 795,621	2,621 313,522	445 37,052	7,045 801,287	2,940 344,908
In cultivated summer fallow	farms 4,268 acres 1,206,779	1,503 333,560	2,236 748,213	529 125,006	2,625 712,898	1,643 493,881
Total woodland	farms 5,378 acres 382,151	2,749 144,243	2,253 212,321	376 25,587	3,216 217,329	2,162 164,822
Woodland pastured	farms 2,433 acres 233,765	1,159 74,724	1,079 142,285	195 16,756	1,392 135,937	1,041 97,828
Woodland not pastured	farms 3,555 acres 148,386	1,860 69,519	1,474 70,036	221 8,831	2,174 81,392	1,381 66,994
Pastureland and rangeland, other than cropland and woodland pastured (see text)	farms 24,925 acres 21,940,679	11,059 7,168,635	11,036 12,742,824	2,830 2,029,220	15,059 10,821,261	9,866 11,119,418
Land in house lots, ponds, roads, wasteland, etc.	farms 28,555 acres 1,059,412	13,325 383,537	12,784 596,852	2,446 79,023	17,407 606,810	11,148 452,602
Irrigated land	farms 17,970 acres 7,625,170	5,494 1,714,814	9,730 4,843,751	2,746 1,066,605	10,851 4,152,896	7,119 3,472,274
Harvested cropland	farms 17,613 acres 7,506,900	5,246 1,677,976	9,661 4,771,241	2,706 1,057,683	10,635 4,094,892	6,978 3,412,008
Pastureland and other land	farms 1,191 acres 118,270	508 36,838	556 72,510	127 8,922	601 58,004	590 60,266
CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs	farms 10,403 acres 1,166,443	6,913 803,971	3,107 324,599	383 37,873	7,264 796,666	3,139 369,777
Land used to raise certified organically produced crops (see text)	farms 105 acres 26,668	41 4,821	56 18,870	8 2,977	54 12,075	51 14,593
Land enrolled in Federal or other crop insurance programs (see text)	farms 25,441 acres 14,143,140	7,844 2,999,122	13,663 9,263,753	3,934 1,880,265	16,406 8,204,680	9,035 5,938,460
VALUE OF LAND AND BUILDINGS ²						
Estimated market value of land and buildings	farms 49,356 \$1,000 35,726,993	24,191 10,158,779	18,498 21,415,649	6,667 4,152,565	31,662 20,443,946	17,694 15,283,047
Average per farm	dollars 723,863	419,940	1,157,728	622,854	645,693	863,742
Average per acre	dollars 776	729	790	833	826	718
Farms by value group:						
\$1 to \$49,999	5,183	4,133	166	884	3,746	1,437
\$50,000 to \$99,999	4,495	3,508	420	567	3,042	1,453
\$100,000 to \$199,999	7,618	5,407	1,209	1,002	5,096	2,522
\$200,000 to \$499,999	12,474	6,407	4,387	1,680	8,000	4,474
\$500,000 to \$999,999	8,674	2,409	5,005	1,260	5,482	3,192
\$1,000,000 to \$1,999,999	6,586	1,328	4,383	875	4,047	2,539
\$2,000,000 to \$4,999,999	3,830	867	2,607	356	2,034	1,796
\$5,000,000 to \$9,999,999	453	125	288	40	200	253
\$10,000,000 or more	43	7	33	3	15	28

See footnote(s) at end of table.

--continued

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	
VALUE OF MACHINERY AND EQUIPMENT ²							
Estimated market value of all machinery and equipment	farms \$1,000	48,046	23,114	18,417	6,515	30,569	17,477
		5,370,381	1,625,052	3,021,960	723,369	3,065,019	2,305,362
Farms by value group:							
\$1 to \$4,999		6,562	5,614	466	482	4,840	1,722
\$5,000 to \$9,999		3,674	2,694	533	447	2,377	1,297
\$10,000 to \$19,999		5,172	4,490	1,216	687	3,367	1,805
\$20,000 to \$49,999		8,793	4,490	2,880	1,423	5,696	3,097
\$50,000 to \$99,999		7,856	2,801	3,843	1,212	4,894	2,962
\$100,000 to \$199,999		7,737	2,200	4,362	1,175	4,730	3,007
\$200,000 to \$499,999		6,425	1,529	3,991	905	3,730	2,695
\$500,000 or more		1,827	517	1,126	184	935	892
SELECTED MACHINERY AND EQUIPMENT ²							
Tractors	farms number	42,917	19,132	17,841	5,944	26,711	16,206
Less than 40 horsepower (PTO)	farms number	143,357	53,577	71,901	17,879	83,892	59,465
40 to 99 horsepower (PTO)	farms number	17,921	8,700	7,338	1,883	10,653	7,268
100 horsepower (PTO) or more	farms number	31,041	14,609	13,509	2,923	17,849	13,192
Grain and bean combines (see text)	farms number	30,155	12,816	13,295	4,044	18,545	11,610
Cotton pickers and strippers	farms number	54,726	22,148	25,821	6,757	32,202	22,524
Forage harvesters, self-propelled (see text)	farms number	27,721	9,182	14,279	4,260	17,237	10,484
Hay balers	farms number	57,590	16,820	32,571	8,199	33,841	23,749
Commercial fertilizer, lime, and soil conditioners	farms acres treated	21,335	6,530	11,661	3,144	13,634	7,701
Manure	farms acres treated	24,094	7,399	13,268	3,427	15,291	8,803
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms number	2,555	901	1,306	348	1,362	1,193
Hay balers	farms number	2,750	986	1,405	359	1,419	1,331
	farms number	15,905	6,124	7,815	1,966	9,227	6,678
	farms number	18,507	7,102	9,132	2,273	10,596	7,911
FERTILIZERS AND CHEMICALS ²							
Commercial fertilizer, lime, and soil conditioners	farms acres treated	31,084	10,863	15,553	4,668	19,402	11,682
Manure	farms acres treated	13,335,071	3,120,346	8,438,494	1,776,231	7,490,893	5,844,178
Acres treated with chemicals to control-		8,703	2,938	4,915	850	4,836	3,867
Insects	farms acres	614,740	167,911	381,368	65,461	304,855	309,885
Weeds, grass, or brush	farms acres	13,276	3,476	7,732	2,068	7,515	5,761
Nematodes	farms acres	4,108,341	649,027	2,849,622	609,692	1,999,091	2,109,250
Diseases in crops and orchards	farms acres	25,223	8,093	13,162	3,968	15,055	10,168
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	11,351,476	1,837,253	7,812,620	1,701,603	6,129,821	5,221,655
	farms acres	884	254	472	158	420	464
	farms acres	215,190	42,991	134,706	37,493	88,893	126,297
	farms acres	615	269	237	109	292	323
	farms acres	101,408	17,457	65,956	17,995	38,622	62,786
	farms acres	261	60	134	67	141	120
	farms acres on which used	55,176	6,350	38,050	10,776	31,385	23,791
TENURE							
Full owners	farms	24,191	24,191	-	-	16,540	7,651
Part owners	farms	18,646	-	18,646	-	11,025	7,621
Tenants	farms	6,518	-	-	6,518	4,386	2,132
OWNED AND RENTED LAND							
Land owned	farms acres	43,354	24,191	18,646	517	27,933	15,421
Owned land in farms	farms acres	30,068,001	16,062,486	13,802,247	203,268	16,737,873	13,330,128
Land rented or leased from others	farms acres	42,837	24,191	18,646	-	27,565	15,272
Rented or leased land in farms	farms acres	26,803,749	13,765,932	13,037,817	-	14,678,450	12,125,299
Land rented or leased to others	farms acres	25,364	200	18,646	6,518	15,549	9,815
Rented or leased land in farms	farms acres	19,387,427	63,998	14,402,725	4,920,704	10,173,368	9,214,059
Land rented or leased to others	farms acres	25,164	-	18,646	6,518	15,411	9,753
	farms acres	19,099,367	-	14,270,452	4,828,915	10,025,428	9,073,939
	farms acres	9,780	6,319	2,762	699	6,325	3,455
	farms acres	3,552,312	2,360,552	896,703	295,057	2,207,363	1,344,949
NUMBER OF OPERATORS							
Total operators	number	70,668	33,358	28,110	9,200	31,951	38,717
Farms by number of operators:							
1 operator		31,951	16,540	11,025	4,386	31,951	-
2 operators		14,589	6,587	6,263	1,739	-	14,589
3 operators		2,047	751	1,014	282	-	2,047
4 operators		568	236	249	83	-	568
5 or more operators		200	77	95	28	-	200
Total women operators	number	15,877	8,061	6,164	1,652	1,882	13,995
Farms by number of women operators:							
1 operator		14,400	7,308	5,628	1,464	1,882	12,518
2 operators		623	318	225	80	-	623
3 operators		66	31	27	8	-	66
4 operators		7	6	-	1	-	7
5 or more operators		1	-	1	-	-	1

See footnote(s) at end of table.

--continued

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
PRINCIPAL OPERATOR CHARACTERISTICS						
Sex of operator:						
Male	46,350	21,857	18,200	6,293	30,069	16,281
Female	3,005	2,334	446	225	1,882	1,123
Primary occupation:						
Farming	36,031	14,775	16,373	4,883	23,255	12,776
Other	13,324	9,416	2,273	1,635	8,696	4,628
Place of residence:						
On farm operated	37,589	17,207	16,354	4,028	23,649	13,940
Not on farm operated	11,766	6,984	2,292	2,490	8,302	3,464
Days worked off farm:						
None	25,133	11,613	10,990	2,530	16,404	8,729
Any	24,222	12,578	7,656	3,988	15,547	8,675
1 to 49 days	3,785	1,429	1,766	590	2,479	1,306
50 to 99 days	1,723	685	745	293	1,135	588
100 to 199 days	2,910	1,325	1,097	488	1,907	1,003
200 days or more	15,804	9,139	4,048	2,617	10,026	5,778
Years on present farm:						
2 years or less	1,148	679	163	306	716	432
3 or 4 years	2,331	1,432	338	561	1,431	900
5 to 9 years	6,351	3,566	1,449	1,336	3,985	2,366
10 years or more	39,525	18,514	16,696	4,315	25,819	13,706
Average years on present farm	24.5	24.4	26.9	17.6	24.7	24.0
Age group:						
Under 25 years	403	103	62	238	269	134
25 to 34 years	3,370	1,131	1,072	1,167	2,262	1,108
35 to 44 years	9,713	3,728	4,095	1,890	6,280	3,433
45 to 49 years	6,925	2,846	3,050	1,029	4,413	2,512
50 to 54 years	6,708	3,049	2,931	728	4,223	2,485
55 to 59 years	5,314	2,601	2,313	400	3,239	2,075
60 to 64 years	4,797	2,531	1,942	324	3,006	1,791
65 to 69 years	4,148	2,482	1,416	250	2,722	1,426
70 years and over	7,977	5,720	1,765	492	5,537	2,440
Average age	53.9	57.4	52.2	45.7	54.1	53.5
Spanish, Hispanic, or Latino origin (see text)	295	160	96	39	212	83
Race:						
White	49,223	24,091	18,625	6,507	31,862	17,361
Black or African American	9	7	-	2	5	4
American Indian or Alaska Native	83	68	8	7	59	24
Native Hawaiian or Other Pacific Islander	3	2	1	-	1	2
Asian	11	8	3	-	9	2
More than one race reported	26	15	9	2	15	11
Operators living on an American Indian reservation	328	146	136	46	223	105
Farms by number of persons living in operator's household:						
1 person	6,411	3,669	1,740	1,002	5,499	912
2 people	22,873	12,387	8,322	2,164	14,078	8,795
3 people	6,426	2,881	2,546	999	3,978	2,448
4 people	7,323	2,848	3,195	1,280	4,529	2,794
5 or more people	6,322	2,406	2,843	1,073	3,867	2,455
Percent of operator's total household income from farming:						
Less than 25 percent	17,372	11,576	3,581	2,215	11,357	6,015
25 to 49 percent	6,455	3,328	2,120	1,007	4,405	2,050
50 to 74 percent	8,054	3,486	3,457	1,111	5,313	2,741
75 to 99 percent	7,210	2,403	3,916	891	4,548	2,662
100 percent	8,288	2,530	4,798	960	5,202	3,086
Operator is a hired manager	1,976	868	774	334	1,126	850
farms						
acres	3,410,665	949,124	2,102,246	359,295	1,736,592	1,674,073
Farms with-						
Computer for farm business	23,290	9,169	10,589	3,532	13,283	10,007
Internet access	25,651	10,987	10,863	3,801	15,198	10,453
Farms by number of households sharing in net income of farm:						
1 household	36,114	18,149	13,380	4,585	25,888	10,226
2 households	7,974	3,818	3,015	1,141	3,638	4,336
3 households	1,879	785	837	257	633	1,246
4 households	797	343	355	99	364	433
5 households or more	615	228	285	102	302	313
FARMS BY TYPE OF ORGANIZATION						
Family or individual	42,835	21,204	15,963	5,668	29,668	13,167
farms						
acres	32,254,161	9,732,930	18,977,905	3,543,326	20,536,798	11,717,363
Partnership	3,080	1,468	1,189	423	498	2,582
farms						
acres	5,895,833	1,733,058	3,510,381	652,394	658,820	5,237,013
Registered under state law	1,614	799	593	222	257	1,357
farms						
acres	3,913,296	1,179,227	2,274,094	459,975	433,499	3,479,797

See footnote(s) at end of table.

--continued

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
FARMS BY TYPE OF ORGANIZATION - Con.						
Corporation farms	3,065	1,231	1,443	391	1,531	1,534
. acres	7,162,181	1,910,622	4,647,316	604,243	3,135,948	4,026,233
Family held farms	2,950	1,158	1,422	370	1,452	1,498
. acres	6,929,362	1,894,269	4,445,701	589,392	(D)	(D)
More than 10 stockholders farms	41	20	18	3	20	21
10 or less stockholders farms	2,909	1,138	1,404	367	1,432	1,477
Other than family held farms	115	73	21	21	79	36
. acres	232,819	16,353	201,615	14,851	(D)	(D)
More than 10 stockholders farms	17	8	2	7	15	2
10 or less stockholders farms	98	65	19	14	64	34
Other-cooperative, estate or trust, institutional, etc farms	375	288	51	36	254	121
. acres	590,941	389,322	172,667	28,952	372,312	218,629
HIRED FARM LABOR						
Hired farm labor farms	17,489	6,174	9,237	2,078	9,877	7,612
. workers	57,971	21,615	29,742	6,614	29,297	28,674
Workers by days worked:						
150 days or more farms	7,667	2,517	4,408	742	3,770	3,897
. workers	18,349	6,220	10,173	1,956	7,647	10,702
Less than 150 days farms	14,115	5,172	7,220	1,723	8,240	5,875
. workers	39,622	15,395	19,569	4,658	21,650	17,972
Migrant farm labor on farms with hired labor (see text) farms	272	82	144	46	160	112
Migrant farm labor on farms reporting only contract labor (see text) farms	43	12	31	-	25	18
FARMS BY SIZE						
1 to 9 acres	1,656	1,442	36	178	1,013	643
10 to 49 acres	5,664	4,804	385	475	3,773	1,891
50 to 69 acres	1,483	1,173	154	156	1,077	406
70 to 99 acres	2,732	2,102	272	358	1,945	787
100 to 139 acres	2,247	1,591	346	310	1,620	627
140 to 179 acres	3,718	2,598	511	609	2,661	1,057
180 to 219 acres	1,647	926	421	300	1,121	526
220 to 259 acres	1,742	990	459	293	1,247	495
260 to 499 acres	7,921	3,424	3,209	1,288	5,388	2,533
500 to 999 acres	9,049	2,384	5,353	1,312	5,831	3,218
1,000 to 1,999 acres	6,632	1,489	4,377	766	3,931	2,701
2,000 acres or more	4,864	1,268	3,123	473	2,344	2,520
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)						
Oilseed and grain farming (1111)	20,922	7,025	10,493	3,404	14,209	6,713
Vegetable and melon farming (1112)	136	74	30	32	76	60
Fruit and tree nut farming (1113)	114	95	5	14	44	70
Greenhouse, nursery, and floriculture production (1114)	380	312	32	36	202	178
Other crop farming (1119)	7,777	6,488	878	411	5,880	1,897
Tobacco farming (11191)	-	-	-	-	-	-
Cotton farming (11192)	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	7,777	6,488	878	411	5,880	1,897
Beef cattle ranching and farming (11211)	12,709	6,205	4,683	1,821	7,495	5,214
Cattle feedlots (11212)	2,511	966	1,242	303	1,367	1,144
Dairy cattle and milk production (11212)	507	208	245	54	212	295
Hog and pig farming (1122)	1,302	690	449	163	822	480
Poultry and egg production (1123)	173	135	25	13	74	99
Sheep and goat farming (1124)	464	365	54	45	236	228
Animal aquaculture and other animal production (1125, 1129)	2,360	1,628	510	222	1,334	1,026
LIVESTOCK						
Cattle and calves inventory farms	25,083	10,053	11,741	3,289	14,945	10,138
. number	6,202,947	2,479,149	3,097,102	626,696	2,910,660	3,292,287
Farms with-						
1 to 9	2,110	1,394	448	268	1,340	770
10 to 49	7,842	3,877	2,777	1,188	5,027	2,815
50 to 99	5,025	1,762	2,512	751	3,117	1,908
100 to 199	4,305	1,316	2,491	498	2,560	1,745
200 to 499	3,626	977	2,262	387	1,915	1,711
500 or more	2,175	727	1,251	197	986	1,189
Cows and heifers that had calved farms	21,419	8,126	10,418	2,875	12,685	8,734
. number	1,982,033	601,802	1,168,643	211,588	984,328	997,705
Beef cows farms	20,991	7,944	10,222	2,825	12,512	8,479
. number	1,915,107	570,234	1,139,500	205,373	960,718	954,389
Farms with-						
1 to 9	2,399	1,450	628	321	1,532	867
10 to 49	9,076	3,852	3,855	1,369	5,807	3,269
50 to 99	4,239	1,242	2,411	586	2,494	1,745
100 to 199	2,974	791	1,869	314	1,615	1,359
200 to 499	1,783	451	1,132	200	865	918
500 or more	520	158	327	35	199	321

See footnote(s) at end of table.

--continued

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
CROPS HARVESTED - Con.						
Soybeans for beans	20,074	5,773	11,202	3,099	13,216	6,858
farms						
acres	4,571,558	922,461	3,037,559	611,538	2,800,692	1,770,866
bushels	173,029,716	34,241,416	115,056,955	23,731,345	103,595,118	69,434,598
Irrigated	10,050	2,137	6,278	1,635	6,270	3,780
farms						
acres	1,923,066	343,149	1,291,421	288,496	1,090,343	832,723
Farms by acres harvested:						
1 to 24 acres	1,161	702	320	139	812	349
25 to 99 acres	5,853	2,491	2,285	1,077	3,992	1,861
100 to 249 acres	6,571	1,530	3,958	1,083	4,403	2,168
250 to 499 acres	4,294	638	3,101	555	2,784	1,510
500 acres or more	2,195	412	1,538	245	1,225	970
Dry edible beans, excluding limas	758	220	386	152	433	325
farms						
acres	164,924	39,930	94,306	30,688	87,336	77,588
cwt	3,404,542	792,885	1,940,384	671,273	1,771,291	1,633,251
Irrigated	742	214	378	150	423	319
farms						
acres	160,614	37,213	92,824	30,577	84,046	76,568
Farms by acres harvested:						
1 to 24 acres	38	22	7	9	29	9
25 to 99 acres	185	63	71	51	117	68
100 to 249 acres	300	85	169	46	171	129
250 to 499 acres	172	39	103	30	85	87
500 acres or more	63	11	36	16	31	32
Potatoes	60	23	15	22	30	30
farms						
acres	22,059	2,385	11,077	8,598	10,236	11,823
cwt	8,673,392	893,557	4,477,023	3,302,812	3,948,122	4,725,270
Irrigated	45	14	11	20	23	22
farms						
acres	22,044	2,378	11,072	8,594	10,228	11,816
Farms by acres harvested:						
0.1 to 4.9 acres	30	19	7	4	14	16
5.0 to 24.9 acres	1	-	-	1	1	-
25.0 to 99.9 acres	5	-	1	4	2	3
100.0 to 249.9 acres	5	1	-	4	4	1
250.0 acres or more	19	3	7	9	9	10
Sweet potatoes	7	5	2	-	5	2
farms						
acres	6	(D)	(D)	-	(D)	(D)
cwt	(D)	9	(D)	-	(D)	(D)
Irrigated	7	5	2	-	5	2
farms						
acres	6	(D)	(D)	-	(D)	(D)
Sugarbeets for sugar	184	53	103	28	95	89
farms						
acres	41,285	10,196	26,074	5,015	19,397	21,888
tons	762,822	194,046	475,545	93,231	363,967	398,855
Irrigated	184	53	103	28	95	89
farms						
acres	41,285	10,196	26,074	5,015	19,397	21,888
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	22,981	9,192	11,327	2,462	13,772	9,209
farms						
acres	2,862,592	887,371	1,676,157	299,064	1,435,938	1,426,654
tons, dry	5,647,370	1,668,401	3,368,968	610,001	2,906,946	2,740,424
Irrigated	5,371	1,743	3,023	605	2,900	2,471
farms						
acres	532,965	164,970	312,094	55,901	264,761	268,204
Farms by acres harvested:						
1 to 24 acres	6,547	3,424	2,423	700	4,238	2,309
25 to 99 acres	9,485	3,633	4,827	1,025	5,859	3,626
100 to 249 acres	4,389	1,410	2,522	457	2,441	1,948
250 to 499 acres	1,476	417	895	164	758	718
500 acres or more	1,084	308	660	116	476	608
Alfalfa hay	18,033	6,911	9,194	1,928	10,808	7,225
farms						
acres	1,341,230	422,817	769,694	148,719	733,247	607,983
tons, dry	4,002,492	1,187,160	2,362,846	452,486	2,168,700	1,833,792
Irrigated	4,924	1,616	2,748	560	2,658	2,266
farms						
acres	450,344	143,595	257,801	48,948	228,998	221,346
Other tame hay	4,146	1,665	2,065	416	2,404	1,742
farms						
acres	244,072	85,618	131,614	26,840	125,111	118,961
tons, dry	351,474	119,657	190,895	40,922	177,709	173,765
Irrigated	518	147	321	50	268	250
farms						
acres	39,129	10,206	24,990	3,933	18,507	20,622
Land used for vegetables (see text)	230	134	68	28	125	105
farms						
acres	4,222	1,408	2,421	394	2,653	1,570
Irrigated	119	62	37	20	61	58
farms						
acres	2,636	486	1,871	279	1,637	999
Farms by acres harvested:						
0.1 to 4.9 acres	129	82	29	18	69	60
5.0 to 24.9 acres	60	41	15	4	28	32
25.0 to 99.9 acres	30	8	16	6	21	9
100.0 to 249.9 acres	11	3	8	-	7	4
250.0 acres or more	-	-	-	-	-	-
Snap beans harvested for sale	52	37	8	7	23	29
farms						
acres	40	20	15	5	30	10
Harvested for processing	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Peas, green, harvested for sale	10	10	-	-	5	5
farms						
acres	4	4	-	-	3	1
Harvested for processing	-	-	-	-	-	-
farms						
acres	-	-	-	-	-	-
Sweet corn harvested for sale	140	86	40	14	81	59
farms						
acres	1,844	680	972	193	1,124	720
Harvested for processing	14	3	7	4	8	6
farms						
acres	457	(D)	226	(D)	300	157

See footnote(s) at end of table.

--continued

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
CROPS HARVESTED - Con.						
Land used for vegetables (see text) - Con.						
Tomatoes harvested for sale						
farms	79	48	19	12	34	45
acres	114	28	79	7	84	30
Harvested for processing						
farms	2	-	2	-	1	1
acres	(D)	-	(D)	-	(D)	(D)
Field and grass seed crops, All						
farms	97	33	52	12	57	40
acres	5,230	795	4,039	396	3,738	1,492
Irrigated						
farms	12	4	7	1	7	5
acres	935	(D)	660	(D)	540	395
All land in orchards						
farms	231	172	41	18	100	131
acres	1,080	811	185	85	362	719
Irrigated						
farms	87	63	19	5	38	49
acres	282	223	44	15	88	194
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	156	121	26	9	67	89
5.0 to 24.9 acres	70	48	13	9	33	37
25.0 to 99.9 acres	5	3	2	-	-	5
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-
Apples						
farms	107	87	14	6	45	62
Bearing and nonbearing acres	439	317	97	24	79	360
Grapes						
farms	111	80	26	5	46	65
Bearing and nonbearing acres	342	259	60	23	127	214
Peaches, All						
farms	33	27	6	-	12	21
Bearing and nonbearing acres	11	10	1	-	4	7
Pecans						
farms	16	12	2	2	12	4
Bearing and nonbearing acres	66	(D)	(D)	(D)	36	30
Walnuts, English						
farms	5	5	-	-	2	3
Bearing and nonbearing acres	(D)	(D)	-	-	(D)	1
Land in berries harvested for sale (see text)						
farms	34	29	3	2	10	24
acres	39	28	(D)	(D)	20	19
Irrigated						
farms	18	14	2	2	7	11
acres	29	22	(D)	(D)	19	10

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.