

**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	31,369	20,809	8,131	2,429	16,055	15,314
number	100.0	66.3	25.9	7.7	51.2	48.8
Land in farms	31,093,336	11,261,149	17,636,916	2,195,271	14,754,537	16,338,799
Average size of farm	991	541	2,169	904	919	1,067
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text)	31,369	20,809	8,131	2,429	16,055	15,314
Average per farm	\$4,650,971	\$2,731,202	\$1,476,175	\$443,594	\$1,891,351	\$2,759,620
Farms by economic class:	148,266	131,251	181,549	182,624	117,804	180,202
Less than \$1,000 (see text)	7,336	6,151	850	335	3,754	3,582
\$1,000 to \$2,499	3,885	3,135	518	232	1,884	2,001
\$2,500 to \$4,999	3,324	2,607	508	209	1,685	1,639
\$5,000 to \$9,999	3,379	2,438	665	276	1,830	1,549
\$10,000 to \$24,999	4,211	2,615	1,230	366	2,264	1,947
\$25,000 to \$49,999	2,743	1,397	1,056	290	1,472	1,271
\$50,000 to \$99,999	2,306	940	1,107	259	1,222	1,084
\$100,000 to \$249,999	2,204	702	1,233	269	1,116	1,088
\$250,000 to \$499,999	947	346	507	94	426	521
\$500,000 to \$999,999	492	195	255	42	193	299
\$1,000,000 or more	542	283	202	57	209	333
\$1,000,000 to \$2,499,999	341	160	145	36	136	205
\$2,500,000 to \$4,999,999	90	45	35	10	30	60
\$5,000,000 or more	111	78	22	11	43	68
Total sales (see text)	31,369	20,809	8,131	2,429	16,055	15,314
Grains, oilseeds, dry beans, and dry peas <sup>1</sup>	\$4,829,378	\$1,735,553	\$2,416,796	\$678,029	\$2,778,652	\$2,051,726
Sales of \$50,000 or more	1,946	554	1,114	278	1,020	926
Tobacco	400,884	123,124	227,748	50,012	186,595	214,289
Cotton and cottonseed	-	-	-	-	-	-
Sales of \$50,000 or more	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes	654	297	251	106	332	322
Sales of \$50,000 or more	297,752	111,053	148,019	38,680	138,682	159,069
Fruits, tree nuts, and berries	582	492	80	10	271	311
Sales of \$50,000 or more	15,735	10,073	(D)	(D)	6,290	9,445
Nursery, greenhouse, floriculture, and sod (see text)	535	409	72	54	203	332
Sales of \$50,000 or more	261,426	138,953	61,578	60,895	38,201	223,225
Cut Christmas trees and short-rotation woody crops	91	73	16	2	38	53
Sales of \$50,000 or more	398	310	(D)	(D)	(D)	(D)
Other crops and hay (see text)	6,410	3,886	1,932	592	3,380	3,030
Sales of \$50,000 or more	192,590	64,367	96,444	31,779	85,944	106,646
Cattle and calves	11,877	6,042	4,789	1,046	5,664	6,213
Sales of \$50,000 or more	2,632,740	1,710,733	701,128	220,879	1,012,997	1,619,744
Milk and other dairy products from cows	260	165	70	25	110	150
Sales of \$50,000 or more	247,095	(D)	(D)	17,402	87,296	159,799
Hogs and pigs	1,158	749	295	114	457	701
Sales of \$50,000 or more	179,415	171,058	6,447	1,910	144,113	35,302
Sheep, goats, and their products	83	50	23	10	61	22
Sales of \$50,000 or more	175,359	168,617	5,481	1,260	142,422	32,937
Horses, ponies, mules, burros, and donkeys	1,926	1,363	451	112	724	1,202
Sales of \$50,000 or more	72,479	56,415	15,334	731	41,805	30,674
Poultry and eggs	70	42	26	2	33	37
Sales of \$50,000 or more	67,157	52,743	(D)	(D)	39,141	28,017
Poultry and eggs	861	668	155	38	247	614
Sales of \$50,000 or more	113,256	(D)	(D)	(D)	(D)	(D)
Sales of \$50,000 or more	20	15	3	2	7	13
Sales of \$50,000 or more	112,629	(D)	(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>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) . . . . . farms	66	55	10	1	31	35
\$1,000	28,805	26,719	(D)	(D)	26,072	2,733
Sales of \$50,000 or more . . . . . farms	30	27	3	-	21	9
\$1,000	28,359	26,349	2,011	-	25,835	2,524
Other animals and other animal products (see text) . . . . . farms	896	756	107	33	345	551
\$1,000	13,763	10,023	2,906	834	5,248	8,515
Sales of \$50,000 or more . . . . . farms	69	50	14	5	29	40
\$1,000	10,271	7,166	2,402	704	3,713	6,558
Government payments . . . . . farms	10,163	5,182	4,034	947	5,524	4,639
\$1,000	125,774	52,747	64,286	8,741	62,601	63,174
Value of -						
Certified organically produced commodities (see text) . . . . . farms	268	174	74	20	112	156
\$1,000	12,516	2,463	(D)	(D)	1,179	11,336
Landlord's share of total sales (see text) . . . . . farms	2,153	-	1,623	530	1,173	980
\$1,000	63,231	-	45,455	17,776	31,756	31,475
Agricultural products sold directly to individuals for human consumption (see text) . . . . . farms	2,343	1,555	622	166	860	1,483
\$1,000	17,406	8,171	8,264	970	4,618	12,788
<b>FARM PRODUCTION EXPENSES <sup>2</sup></b>						
Total farm production expenses . . . . . farms						
\$1,000	4,412,593	2,666,569	1,322,843	423,180	1,818,011	2,594,581
dollars	140,717	125,645	174,887	164,598	112,515	170,696
Fertilizer, lime, and soil conditioners purchased . . . . . farms	11,201	6,297	3,784	1,120	5,826	5,375
\$1,000	115,405	40,715	59,108	15,582	54,907	60,498
Farms with expenses of-						
\$1 to \$4,999 . . . . .	7,420	4,965	1,896	559	3,826	3,594
\$5,000 to \$24,999 . . . . .	2,611	938	1,260	413	1,473	1,138
\$25,000 to \$49,999 . . . . .	612	183	338	91	278	334
\$50,000 or more . . . . .	558	211	290	57	249	309
Chemicals purchased . . . . . farms	10,319	5,811	3,423	1,085	5,208	5,111
\$1,000	64,906	18,179	36,263	10,464	27,354	37,552
Farms with expenses of-						
\$1 to \$4,999 . . . . .	8,101	5,225	2,209	667	4,136	3,965
\$5,000 to \$24,999 . . . . .	1,495	437	763	295	790	705
\$25,000 to \$49,999 . . . . .	449	86	290	73	176	273
\$50,000 or more . . . . .	274	63	161	50	106	168
Seeds, plants, vines, and trees . . . . . farms	8,972	5,000	3,012	960	4,539	4,433
\$1,000	113,949	47,598	46,999	19,351	43,483	70,465
Farms with expenses of-						
\$1 to \$999 . . . . .	4,119	2,906	971	242	2,022	2,097
\$1,000 to \$4,999 . . . . .	2,251	1,207	770	274	1,158	1,093
\$5,000 to \$24,999 . . . . .	1,816	580	921	315	972	844
\$25,000 to \$49,999 . . . . .	442	166	191	85	249	193
\$50,000 or more . . . . .	344	141	159	44	138	206
Livestock and poultry purchased . . . . . farms	8,174	4,804	2,631	739	3,643	4,531
\$1,000	1,662,797	1,185,706	343,703	133,388	635,409	1,027,388
Farms with expenses of-						
\$1 to \$4,999 . . . . .	5,675	3,654	1,474	547	2,437	3,238
\$5,000 to \$24,999 . . . . .	1,442	605	692	145	728	714
\$25,000 to \$99,999 . . . . .	483	230	235	18	232	251
\$100,000 to \$249,999 . . . . .	226	131	84	11	107	119
\$250,000 or more . . . . .	348	184	146	18	139	209
Breeding livestock purchased (see text) . . . . . farms	4,686	2,314	1,892	480	2,165	2,521
\$1,000	46,389	28,262	16,109	2,018	22,153	24,236
Other livestock and poultry purchased . . . . . farms	4,650	3,121	1,154	375	1,932	2,718
\$1,000	1,616,409	1,157,444	327,595	131,370	613,256	1,003,153
Feed purchased . . . . . farms	18,525	11,991	5,137	1,397	8,406	10,119
\$1,000	866,170	582,531	210,204	73,435	381,132	485,037
Farms with expenses of-						
\$1 to \$4,999 . . . . .	12,395	8,925	2,618	852	5,590	6,805
\$5,000 to \$24,999 . . . . .	4,383	2,282	1,729	372	2,000	2,383
\$25,000 to \$99,999 . . . . .	1,209	493	582	134	594	615
\$100,000 to \$249,999 . . . . .	249	111	122	16	110	139
\$250,000 or more . . . . .	289	180	86	23	112	177
Gasoline, fuels, and oils . . . . . farms	29,202	19,399	7,405	2,398	14,914	14,288
\$1,000	123,357	60,791	49,610	12,957	57,766	65,591
Farms with expenses of-						
\$1 to \$4,999 . . . . .	24,065	17,349	4,974	1,742	12,393	11,672
\$5,000 to \$24,999 . . . . .	4,294	1,626	2,120	548	2,107	2,187
\$25,000 to \$49,999 . . . . .	532	257	186	89	282	250
\$50,000 or more . . . . .	311	167	125	19	132	179

See footnote(s) at end of table.

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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	19,049	11,786	5,753	1,510	9,178	9,871
\$1,000	115,798	55,200	49,044	11,554	49,686	66,112
Farms with expenses of-						
\$1 to \$999 . . . . .	8,870	6,410	1,879	581	4,161	4,709
\$1,000 to \$4,999 . . . . .	7,101	4,061	2,474	566	3,666	3,435
\$5,000 to \$24,999 . . . . .	2,138	916	957	265	966	1,172
\$25,000 to \$49,999 . . . . .	443	195	197	51	201	242
\$50,000 or more . . . . .	497	204	246	47	184	313
Supplies, repairs, and maintenance . . . . . farms	26,692	17,681	6,808	2,203	13,567	13,125
\$1,000	233,632	121,003	91,516	21,113	103,541	130,091
Farms with expenses of-						
\$1 to \$4,999 . . . . .	19,094	13,949	3,673	1,472	9,940	9,154
\$5,000 to \$24,999 . . . . .	5,751	2,917	2,319	515	2,782	2,969
\$25,000 to \$49,999 . . . . .	1,043	421	471	151	507	536
\$50,000 or more . . . . .	804	394	345	65	338	466
Hired farm labor . . . . . farms	7,747	4,157	2,808	782	3,766	3,981
\$1,000	367,016	204,764	116,605	45,647	131,161	235,855
Farms with expenses of-						
\$1 to \$4,999 . . . . .	3,863	2,288	1,206	369	2,009	1,854
\$5,000 to \$24,999 . . . . .	1,808	900	752	156	880	928
\$25,000 to \$99,999 . . . . .	1,504	658	662	184	662	842
\$100,000 to \$249,999 . . . . .	317	162	116	39	128	189
\$250,000 or more . . . . .	255	149	72	34	87	168
Contract labor . . . . . farms	4,350	2,620	1,383	347	2,032	2,318
\$1,000	32,013	15,792	12,554	3,667	13,845	18,167
Farms with expenses of-						
\$1 to \$999 . . . . .	1,663	1,236	347	80	687	976
\$1,000 to \$4,999 . . . . .	1,565	900	539	126	847	718
\$5,000 to \$24,999 . . . . .	907	379	422	106	408	499
\$25,000 to \$49,999 . . . . .	140	70	45	25	60	80
\$50,000 or more . . . . .	75	35	30	10	30	45
Customwork and custom hauling . . . . . farms	6,931	3,772	2,395	764	3,517	3,414
\$1,000	55,481	25,883	22,177	7,421	27,404	28,077
Farms with expenses of-						
\$1 to \$999 . . . . .	2,704	1,798	681	225	1,371	1,333
\$1,000 to \$4,999 . . . . .	2,344	1,166	930	248	1,227	1,117
\$5,000 to \$24,999 . . . . .	1,506	640	613	253	760	746
\$25,000 to \$49,999 . . . . .	218	107	90	21	92	126
\$50,000 or more . . . . .	159	61	81	17	67	92
Cash rent for land, buildings, and grazing fees . . . . . farms	7,014	1,104	4,387	1,523	3,471	3,543
\$1,000	96,970	8,809	63,177	24,984	39,911	57,059
Farms with expenses of-						
\$1 to \$4,999 . . . . .	4,125	736	2,584	805	2,030	2,095
\$5,000 to \$9,999 . . . . .	1,029	117	644	268	579	450
\$10,000 to \$24,999 . . . . .	1,030	179	603	248	464	566
\$25,000 or more . . . . .	830	72	556	202	398	432
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . . farms	1,947	740	838	369	991	956
\$1,000	22,247	7,485	10,466	4,295	8,127	14,120
Farms with expenses of-						
\$1 to \$999 . . . . .	598	290	158	150	328	270
\$1,000 to \$4,999 . . . . .	530	187	252	91	285	245
\$5,000 to \$24,999 . . . . .	630	205	340	85	307	323
\$25,000 to \$49,999 . . . . .	134	37	68	29	55	79
\$50,000 or more . . . . .	55	21	20	14	16	39
Interest expense . . . . . farms	12,410	7,049	4,314	1,047	5,856	6,554
\$1,000	199,300	110,368	79,444	9,489	88,175	111,125
Farms with expenses of-						
\$1 to \$4,999 . . . . .	5,453	3,335	1,541	577	2,615	2,838
\$5,000 to \$24,999 . . . . .	5,014	2,707	1,915	392	2,402	2,612
\$25,000 to \$99,999 . . . . .	1,665	838	757	70	715	950
\$100,000 or more . . . . .	278	169	101	8	124	154
Secured by real estate . . . . . farms	9,415	5,913	3,502	-	4,226	5,189
\$1,000	133,319	80,543	52,776	-	58,436	74,883
Farms with expenses of-						
\$1 to \$999 . . . . .	1,062	763	299	-	492	570
\$1,000 to \$4,999 . . . . .	2,859	1,854	1,005	-	1,341	1,518
\$5,000 to \$24,999 . . . . .	4,133	2,491	1,642	-	1,762	2,371
\$25,000 to \$49,999 . . . . .	868	527	341	-	406	462
\$50,000 or more . . . . .	493	278	215	-	225	268
Not secured by real estate . . . . . farms	6,396	2,694	2,655	1,047	3,173	3,223
\$1,000	65,982	29,825	26,668	9,489	29,740	36,242
Farms with expenses of-						
\$1 to \$999 . . . . .	1,688	986	500	202	896	792
\$1,000 to \$4,999 . . . . .	2,265	897	993	375	1,072	1,193
\$5,000 to \$24,999 . . . . .	1,948	613	943	392	1,005	943
\$25,000 to \$49,999 . . . . .	300	104	150	46	120	180
\$50,000 or more . . . . .	195	94	69	32	80	115
Property taxes paid . . . . . farms	28,597	20,447	7,472	678	14,310	14,287
\$1,000	72,884	46,792	23,828	2,265	35,552	37,333
Farms with expenses of-						
\$1 to \$4,999 . . . . .	25,505	18,587	6,349	569	12,842	12,663
\$5,000 to \$9,999 . . . . .	1,824	1,118	644	62	847	977
\$10,000 to \$24,999 . . . . .	976	558	382	36	462	514
\$25,000 or more . . . . .	292	184	97	11	159	133

See footnote(s) at end of table.

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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	3,188	1,309	1,586	293	1,555	1,633
	\$1,000	6,044	2,105	3,301	637	2,476	3,567
Other farm-related income sources (see text) . . . . .	farms \$1,000	3,422	1,779	1,362	281	1,475	1,947
	\$1,000	41,912	20,308	17,999	3,605	14,220	27,692
<b>LAND USE</b>							
Total cropland . . . . .	farms 22,240	14,321	6,275	1,644	11,664	10,576	
	acres 11,530,700	4,158,199	6,413,258	959,243	5,689,643	5,841,057	
Harvested cropland . . . . .	farms 14,655	8,489	4,906	1,260	7,599	7,056	
	acres 4,346,955	1,470,950	2,429,064	446,941	2,100,162	2,246,793	
Farms by acres harvested:							
1 to 49 acres . . . . .	6,495	5,092	1,109	294	3,272	3,223	
50 to 99 acres . . . . .	1,822	1,102	564	156	982	840	
100 to 199 acres . . . . .	1,747	851	662	234	941	806	
200 to 499 acres . . . . .	2,152	772	1,053	327	1,196	956	
500 to 999 acres . . . . .	1,279	333	802	144	676	603	
1,000 to 1,999 acres . . . . .	820	232	509	79	400	420	
2,000 acres or more . . . . .	340	107	207	26	132	208	
Cropland-							
For pasture or grazing only . . . . .	farms 8,534	5,608	2,431	495	3,880	4,654	
	acres 1,797,455	730,629	936,853	129,973	799,751	997,704	
On which all crops failed . . . . .	farms 6,212	3,221	2,476	515	3,211	3,001	
	acres 1,745,725	522,600	1,078,844	144,281	834,635	911,090	
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . .	farms 5,028	3,460	1,326	242	2,857	2,171	
	acres 1,656,848	964,192	630,588	62,068	931,256	725,592	
In cultivated summer fallow . . . . .	farms 3,292	1,182	1,755	355	1,871	1,421	
	acres 1,983,717	469,828	1,337,909	175,980	1,023,839	959,878	
Total woodland . . . . .	farms 3,047	2,122	782	143	1,335	1,712	
	acres 1,345,230	766,598	489,024	89,608	681,554	663,676	
Woodland pastured . . . . .	farms 1,960	1,268	581	111	839	1,121	
	acres 994,359	578,214	352,536	63,609	465,249	529,110	
Woodland not pastured . . . . .	farms 1,430	1,112	274	44	651	779	
	acres 350,871	188,384	136,488	25,999	216,305	134,566	
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . .	farms 15,787	9,652	5,028	1,107	7,738	8,049	
	acres 17,341,749	5,875,145	10,388,112	1,078,492	7,960,129	9,381,620	
Land in house lots, ponds, roads, wasteland, etc. . . . .	farms 16,674	11,319	4,533	822	7,870	8,804	
	acres 875,657	461,207	346,522	67,928	423,211	452,446	
Irrigated land . . . . .	farms 13,623	8,505	3,992	1,126	6,723	6,900	
	acres 2,590,654	992,198	1,298,230	300,226	1,203,559	1,387,095	
Harvested cropland . . . . .	farms 11,039	6,572	3,493	974	5,477	5,562	
	acres 2,178,748	797,040	1,114,587	267,121	1,012,806	1,165,942	
Pastureland and other land . . . . .	farms 5,373	3,600	1,454	319	2,425	2,948	
	acres 411,906	195,158	183,643	33,105	190,753	221,153	
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . .	farms 3,775	2,439	1,217	119	2,274	1,501	
	acres 1,735,353	976,470	699,736	59,147	986,721	748,632	
Land used to raise certified organically produced crops (see text) . . . . .	farms 132	84	36	12	46	86	
	acres 19,428	(D)	13,089	(D)	10,043	9,385	
Land enrolled in Federal or other crop insurance programs (see text) . . . . .	farms 5,548	2,126	2,744	678	3,082	2,466	
	acres 4,775,534	1,215,278	3,097,037	463,219	2,215,774	2,559,760	
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>							
Estimated market value of land and buildings . . . . .	farms 31,358	21,223	7,564	2,571	16,158	15,200	
	\$1,000 23,757,228	11,812,672	10,193,369	1,751,186	11,036,996	12,720,232	
Average per farm . . . . .	dollars 757,613	556,598	1,347,616	681,130	683,067	836,857	
Average per acre . . . . .	dollars 756	1,003	590	739	743	768	
Farms by value group:							
\$1 to \$49,999 . . . . .	2,436	1,970	119	347	1,559	877	
\$50,000 to \$99,999 . . . . .	2,350	1,803	251	296	1,323	1,027	
\$100,000 to \$199,999 . . . . .	4,760	3,996	429	335	2,478	2,282	
\$200,000 to \$499,999 . . . . .	10,206	7,618	1,917	671	4,957	5,249	
\$500,000 to \$999,999 . . . . .	5,631	3,309	1,849	473	2,985	2,646	
\$1,000,000 to \$1,999,999 . . . . .	3,230	1,329	1,617	284	1,663	1,567	
\$2,000,000 to \$4,999,999 . . . . .	2,181	1,023	1,040	118	979	1,202	
\$5,000,000 to \$9,999,999 . . . . .	469	144	283	42	192	277	
\$10,000,000 or more . . . . .	95	31	59	5	22	73	

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	29,427 2,585,783	19,542 1,245,766	7,404 1,069,879	2,481 270,138	14,878 1,297,653	14,549 1,288,130
Farms by value group:							
\$1 to \$4,999		5,129	4,258	472	399	2,900	2,229
\$5,000 to \$9,999		3,313	2,690	509	114	1,640	1,673
\$10,000 to \$19,999		4,499	3,360	880	259	2,139	2,360
\$20,000 to \$49,999		6,236	4,045	1,658	533	2,808	3,428
\$50,000 to \$99,999		3,822	2,240	1,194	388	1,961	1,861
\$100,000 to \$199,999		2,955	1,501	1,077	377	1,539	1,416
\$200,000 to \$499,999		2,503	1,009	1,151	343	1,463	1,040
\$500,000 or more		970	439	463	68	428	542
<b>SELECTED MACHINERY AND EQUIPMENT <sup>2</sup></b>							
Tractors	farms number	25,764 60,736	16,800 33,848	6,774 20,939	2,190 5,949	13,084 30,302	12,680 30,434
Less than 40 horsepower (PTO)	farms number	13,453 19,429	9,492 13,058	3,032 4,938	929 1,433	6,777 9,728	6,676 9,701
40 to 99 horsepower (PTO)	farms number	14,792 23,471	8,959 13,394	4,579 7,926	1,254 2,151	7,383 11,601	7,409 11,870
100 horsepower (PTO) or more	farms number	8,954 17,836	4,186 7,396	3,610 8,075	1,158 2,365	4,641 8,973	4,313 8,863
Grain and bean combines (see text)	farms number	3,803 4,931	1,367 1,795	1,867 2,465	569 671	2,154 2,666	1,649 2,265
Cotton pickers and strippers	farms number	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms number	2,586 2,896	1,394 1,550	978 1,107	214 239	1,303 1,473	1,283 1,423
Hay balers	farms number	9,725 11,771	5,804 6,704	3,142 4,076	779 991	4,912 5,891	4,813 5,880
<b>FERTILIZERS AND CHEMICALS <sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners	farms acres treated	10,017 3,519,111	5,402 1,218,715	3,544 1,915,621	1,071 384,775	5,099 1,734,119	4,918 1,784,992
Manure	farms acres treated	3,626 220,736	2,205 80,358	1,112 108,537	309 31,841	1,299 69,580	2,327 151,156
Acres treated with chemicals to control-							
Insects	farms acres	3,766 851,005	1,878 206,944	1,326 517,572	562 126,489	1,848 357,397	1,918 493,608
Weeds, grass, or brush	farms acres	7,355 2,721,058	3,820 620,655	2,652 1,764,362	883 336,041	3,502 1,107,367	3,853 1,613,691
Nematodes	farms acres	230 48,968	104 14,732	78 29,950	48 4,286	96 21,502	134 27,466
Diseases in crops and orchards	farms acres	684 108,349	379 27,793	198 60,670	107 19,886	275 40,956	409 67,393
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	270 53,911	182 19,371	67 28,264	21 6,276	114 22,754	156 31,157
<b>TENURE</b>							
Full owners	farms	20,809	20,809	-	-	10,710	10,099
Part owners	farms	8,131	-	8,131	-	3,923	4,208
Tenants	farms	2,429	-	-	2,429	1,422	1,007
<b>OWNED AND RENTED LAND</b>							
Land owned	farms acres	29,074 22,080,446	20,809 12,508,622	8,131 9,449,014	134 122,810	14,713 10,699,616	14,361 11,380,830
Owned land in farms	farms acres	28,940 20,355,794	20,809 11,261,149	8,131 9,094,645	-	14,633 9,833,580	14,307 10,522,214
Land rented or leased from others	farms acres	10,671 11,077,959	111 99,390	8,131 8,647,480	2,429 2,331,089	5,414 5,049,515	5,257 6,028,444
Rented or leased land in farms	farms acres	10,560 10,737,542	-	8,131 8,542,271	2,429 2,195,271	5,345 4,920,957	5,215 5,816,585
Land rented or leased to others	farms acres	3,206 2,065,069	2,325 1,346,863	697 459,578	184 258,628	1,750 994,594	1,456 1,070,475
<b>NUMBER OF OPERATORS</b>							
Total operators	number	50,187	32,928	13,502	3,757	16,055	34,132
Farms by number of operators:							
1 operator		16,055	10,710	3,923	1,422	16,055	-
2 operators		12,895	8,715	3,382	798	-	12,895
3 operators		1,668	935	600	133	-	1,668
4 operators		560	333	169	58	-	560
5 or more operators		191	116	57	18	-	191
Total women operators	number	17,382	12,267	4,032	1,083	2,687	14,695
Farms by number of women operators:							
1 operator		14,879	10,525	3,487	867	2,687	12,192
2 operators		986	660	235	91	-	986
3 operators		126	102	18	6	-	126
4 operators		26	18	4	4	-	26
5 or more operators		8	7	1	-	-	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>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	26,152	16,607	7,401	2,144	13,368	12,784
Female .....	5,217	4,202	730	285	2,687	2,530
Primary occupation:						
Farming .....	18,331	10,893	5,882	1,556	9,703	8,628
Other .....	13,038	9,916	2,249	873	6,352	6,686
Place of residence:						
On farm operated .....	25,444	16,916	7,113	1,415	12,394	13,050
Not on farm operated .....	5,925	3,893	1,018	1,014	3,661	2,264
Days worked off farm:						
None .....	13,568	8,810	3,910	848	7,559	6,009
Any .....	17,801	11,999	4,221	1,581	8,496	9,305
1 to 49 days .....	2,187	1,289	679	219	1,133	1,054
50 to 99 days .....	1,108	684	327	97	608	500
100 to 199 days .....	2,425	1,527	699	199	1,188	1,237
200 days or more .....	12,081	8,499	2,516	1,066	5,567	6,514
Years on present farm:						
2 years or less .....	1,318	959	180	179	620	698
3 or 4 years .....	2,720	2,068	385	267	1,154	1,566
5 to 9 years .....	6,661	4,822	1,219	620	2,952	3,709
10 years or more .....	20,670	12,960	6,347	1,363	11,329	9,341
Average years on present farm .....	18.6	17.7	22.3	14.4	20.0	17.2
Age group:						
Under 25 years .....	266	123	51	92	161	105
25 to 34 years .....	1,413	780	332	301	685	728
35 to 44 years .....	6,033	3,626	1,656	751	2,767	3,266
45 to 49 years .....	4,312	2,784	1,154	374	1,990	2,322
50 to 54 years .....	4,736	3,176	1,292	268	2,337	2,399
55 to 59 years .....	3,951	2,690	1,046	215	1,991	1,960
60 to 64 years .....	3,281	2,252	871	158	1,814	1,467
65 to 69 years .....	2,697	1,899	678	120	1,492	1,205
70 years and over .....	4,680	3,479	1,051	150	2,818	1,862
Average age .....	54.5	55.6	54.0	46.9	55.6	53.3
Spanish, Hispanic, or Latino origin (see text) .....	1,747	1,170	479	98	1,039	708
Race:						
White .....	30,873	20,460	8,015	2,398	15,822	15,051
Black or African American .....	47	37	10	-	25	22
American Indian or Alaska Native .....	256	172	60	24	122	134
Native Hawaiian or Other Pacific Islander .....	6	4	2	-	-	6
Asian .....	65	47	15	3	28	37
More than one race reported .....	122	89	29	4	58	64
Operators living on an American Indian reservation .....	67	40	16	11	37	30
Farms by number of persons living in operator's household:						
1 person .....	4,316	3,019	905	392	3,596	720
2 people .....	15,240	10,428	3,935	877	7,331	7,909
3 people .....	4,305	2,732	1,165	408	1,856	2,449
4 people .....	4,557	2,845	1,251	461	1,991	2,566
5 or more people .....	2,951	1,785	875	291	1,281	1,670
Percent of operator's total household income from farming:						
Less than 25 percent .....	18,563	14,099	3,278	1,186	9,147	9,416
25 to 49 percent .....	3,108	1,868	973	267	1,687	1,421
50 to 74 percent .....	3,251	1,731	1,223	297	1,820	1,431
75 to 99 percent .....	2,486	1,089	1,131	266	1,347	1,139
100 percent .....	2,960	1,430	1,237	293	1,588	1,372
Operator is a hired manager .....	1,001	592	289	120	466	535
farms .....						
acres .....	3,743,345	1,638,092	1,869,513	235,740	1,692,598	2,050,747
Farms with-						
Computer for farm business .....	16,765	10,431	4,880	1,454	7,049	9,716
Internet access .....	19,443	12,689	5,193	1,561	8,669	10,774
Farms by number of households sharing in net income of farm:						
1 household .....	24,387	16,705	5,884	1,798	13,688	10,699
2 households .....	4,247	2,541	1,349	357	1,390	2,857
3 households .....	967	527	353	87	242	725
4 households .....	436	244	143	49	157	279
5 households or more .....	331	200	113	18	112	219
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	27,280	18,329	6,892	2,059	14,829	12,451
farms .....						
acres .....	20,505,316	7,113,299	11,961,921	1,430,096	11,601,162	8,904,154
Partnership .....	2,109	1,238	690	181	409	1,700
farms .....						
acres .....	5,165,587	1,911,159	2,825,230	429,198	936,172	4,229,415
Registered under state law .....	1,511	891	492	128	303	1,208
farms .....						
acres .....	4,158,078	1,525,019	2,277,902	355,157	828,519	3,329,559

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	1,629	969	486	174	615	1,014
acres	4,067,125	1,621,039	2,152,442	293,644	1,521,234	2,545,891
Family held . . . . . farms	1,458	857	448	153	533	925
acres	3,592,082	1,462,071	1,897,902	232,109	1,263,224	2,328,858
More than 10 stockholders . . . . . farms	32	22	9	1	16	16
10 or less stockholders . . . . . farms	1,426	835	439	152	517	909
Other than family held . . . . . farms	171	112	38	21	82	89
acres	475,043	158,968	254,540	61,535	258,010	217,033
More than 10 stockholders . . . . . farms	33	23	7	3	22	11
10 or less stockholders . . . . . farms	138	89	31	18	60	78
Other-cooperative, estate or trust, institutional, etc . . . . . farms	351	273	63	15	202	149
acres	1,355,308	615,652	697,323	42,333	695,969	659,339
<b>HIRED FARM LABOR</b>						
Hired farm labor . . . . . farms	7,747	4,157	2,808	782	3,766	3,981
workers	46,005	24,806	15,691	5,508	20,002	26,003
Workers by days worked:						
150 days or more . . . . . farms	3,995	2,018	1,591	386	1,748	2,247
workers	16,972	9,540	5,473	1,959	5,980	10,992
Less than 150 days . . . . . farms	5,985	3,251	2,125	609	3,044	2,941
workers	29,033	15,266	10,218	3,549	14,022	15,011
Migrant farm labor on farms with hired labor (see text) . . . . . farms	646	328	205	113	343	303
Migrant farm labor on farms reporting only contract labor (see text) . . . . . farms	67	56	11	-	21	46
<b>FARMS BY SIZE</b>						
1 to 9 acres . . . . .	2,813	2,555	90	168	1,339	1,474
10 to 49 acres . . . . .	7,475	6,499	641	335	3,492	3,983
50 to 69 acres . . . . .	1,300	1,019	182	99	676	624
70 to 99 acres . . . . .	2,157	1,713	332	112	1,116	1,041
100 to 139 acres . . . . .	1,460	1,005	322	133	796	664
140 to 179 acres . . . . .	2,039	1,539	351	149	1,194	845
180 to 219 acres . . . . .	951	576	280	95	523	428
220 to 259 acres . . . . .	804	517	218	69	441	363
260 to 499 acres . . . . .	3,260	1,934	947	379	1,771	1,489
500 to 999 acres . . . . .	2,998	1,439	1,193	366	1,629	1,369
1,000 to 1,999 acres . . . . .	2,492	955	1,274	263	1,391	1,101
2,000 acres or more . . . . .	3,620	1,058	2,301	261	1,687	1,933
<b>FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) . . . . .	3,439	1,525	1,433	481	2,125	1,314
Vegetable and melon farming (1112) . . . . .	460	216	161	83	234	226
Fruit and tree nut farming (1113) . . . . .	523	469	45	9	249	274
Greenhouse, nursery, and floriculture production (1114) . . . . .	561	451	59	51	224	337
Other crop farming (1119) . . . . .	7,559	5,859	1,253	447	4,497	3,062
Tobacco farming (11191) . . . . .	-	-	-	-	-	-
Cotton farming (11192) . . . . .	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) . . . . .	7,559	5,859	1,253	447	4,497	3,062
Beef cattle ranching and farming (11211) . . . . .	9,819	5,282	3,719	818	4,833	4,986
Cattle feedlots (11212) . . . . .	1,081	662	350	69	454	627
Dairy cattle and milk production (11212) . . . . .	232	162	52	18	95	137
Hog and pig farming (1122) . . . . .	445	355	45	45	215	230
Poultry and egg production (1123) . . . . .	237	211	17	9	72	165
Sheep and goat farming (1124) . . . . .	902	706	147	49	376	526
Animal aquaculture and other animal production (1125, 1129) . . . . .	6,111	4,911	850	350	2,681	3,430
<b>LIVESTOCK</b>						
Cattle and calves inventory . . . . . farms	13,311	7,252	4,967	1,092	6,324	6,987
number	2,656,351	1,504,453	952,930	198,968	1,030,933	1,625,418
Farms with-						
1 to 9 . . . . .	3,252	2,450	583	219	1,453	1,799
10 to 49 . . . . .	4,923	2,749	1,723	451	2,435	2,488
50 to 99 . . . . .	1,741	755	815	171	895	846
100 to 199 . . . . .	1,479	533	809	137	717	762
200 to 499 . . . . .	1,120	395	652	73	512	608
500 or more . . . . .	796	370	385	41	312	484
Cows and heifers that had calved . . . . . farms	11,052	5,715	4,407	930	5,273	5,779
number	818,987	353,070	410,826	55,091	351,399	467,588
Beef cows . . . . . farms	10,801	5,540	4,355	906	5,169	5,632
number	720,400	283,640	387,839	48,921	315,809	404,591
Farms with-						
1 to 9 . . . . .	3,021	2,116	700	205	1,378	1,643
10 to 49 . . . . .	4,269	2,186	1,664	419	2,171	2,098
50 to 99 . . . . .	1,519	553	815	151	745	774
100 to 199 . . . . .	1,109	346	679	84	506	603
200 to 499 . . . . .	700	256	401	43	298	402
500 or more . . . . .	183	83	96	4	71	112

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>						
Soybeans for beans - Con.						
Farms by acres harvested:						
1 to 24 acres	2	1	1	-	-	2
25 to 99 acres	9	3	5	1	2	7
100 to 249 acres	21	2	16	3	10	11
250 to 499 acres	5	2	2	1	1	4
500 acres or more	-	-	-	-	-	-
Dry edible beans, excluding limas						
farms	686	196	327	163	404	282
acres	82,721	20,396	45,564	16,761	40,149	42,572
cwt	1,778,029	431,349	995,582	351,098	824,507	953,522
Irrigated farms	684	194	327	163	404	280
acres	81,548	20,220	45,203	16,125	39,298	42,250
Farms by acres harvested:						
1 to 24 acres	76	34	21	21	52	24
25 to 99 acres	309	91	140	78	198	111
100 to 249 acres	219	47	121	51	122	97
250 to 499 acres	66	22	33	11	29	37
500 acres or more	16	2	12	2	3	13
Potatoes						
farms	229	96	99	34	121	108
acres	78,959	32,376	38,186	8,398	39,147	39,813
cwt	30,421,396	12,182,505	14,978,123	3,260,768	14,900,628	15,520,768
Irrigated farms	229	96	99	34	121	108
acres	78,959	32,376	38,186	8,398	39,147	39,813
Farms by acres harvested:						
0.1 to 4.9 acres	26	13	7	6	12	14
5.0 to 24.9 acres	16	5	7	4	10	6
25.0 to 99.9 acres	28	13	9	6	16	12
100.0 to 249.9 acres	55	20	27	8	30	25
250.0 acres or more	104	45	49	10	53	51
Sugarbeets for sugar						
farms	312	90	128	94	173	139
acres	39,350	8,929	18,480	11,941	18,202	21,148
tons	798,695	176,563	395,396	226,736	357,199	441,496
Irrigated farms	312	90	128	94	173	139
acres	39,350	8,929	18,480	11,941	18,202	21,148
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)						
farms	10,758	6,492	3,488	778	5,433	5,325
acres	1,236,356	498,807	629,513	108,036	580,089	656,267
tons, dry	2,736,171	1,028,927	1,409,908	297,336	1,234,237	1,501,934
Irrigated farms	8,706	5,216	2,828	662	4,265	4,441
acres	935,457	373,864	472,398	89,195	417,169	518,288
Farms by acres harvested:						
1 to 24 acres	3,869	3,052	652	165	1,991	1,878
25 to 99 acres	3,706	2,217	1,207	282	1,937	1,769
100 to 249 acres	1,956	799	931	226	969	987
250 to 499 acres	743	275	401	67	340	403
500 acres or more	484	149	297	38	196	288
Alfalfa hay						
farms	7,904	4,734	2,560	610	4,013	3,891
acres	770,432	313,020	381,771	75,641	361,118	409,314
tons, dry	2,105,340	785,391	1,075,960	243,989	945,119	1,160,221
Irrigated farms	6,769	3,948	2,272	549	3,374	3,395
acres	654,024	254,698	333,212	66,114	299,736	354,288
Other tame hay						
farms	2,862	1,648	1,021	193	1,369	1,493
acres	298,765	124,399	154,750	19,616	147,941	150,824
tons, dry	363,839	155,988	180,396	27,455	175,210	188,629
Irrigated farms	2,019	1,193	675	151	898	1,121
acres	175,009	74,867	85,206	14,936	74,592	100,417
Land used for vegetables (see text)						
farms	451	206	167	78	225	226
acres	38,452	9,890	21,512	7,051	16,405	22,047
Irrigated farms	451	206	167	78	225	226
acres	38,452	9,890	21,512	7,051	16,405	22,047
Farms by acres harvested:						
0.1 to 4.9 acres	183	120	36	27	87	96
5.0 to 24.9 acres	95	38	39	18	47	48
25.0 to 99.9 acres	93	22	48	23	55	38
100.0 to 249.9 acres	44	12	25	7	17	27
250.0 acres or more	36	14	19	3	19	17
Snap beans harvested for sale						
farms	59	27	22	10	25	34
acres	485	54	279	152	306	179
Harvested for processing	-	-	-	-	-	-
acres	-	-	-	-	-	-
Peas, green, harvested for sale						
farms	7	2	3	2	4	3
acres	35	(D)	(D)	(D)	(D)	(D)
Harvested for processing	-	-	-	-	-	-
acres	-	-	-	-	-	-
Sweet corn harvested for sale						
farms	136	53	62	21	75	61
acres	7,418	2,038	5,185	195	3,934	3,484
Harvested for processing	-	-	-	-	-	-
acres	-	-	-	-	-	-
Tomatoes harvested for sale						
farms	130	73	36	21	60	70
acres	297	88	187	22	112	185
Harvested for processing	-	-	-	-	-	-
acres	-	-	-	-	-	-

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>						
Field and grass seed crops, All						
farms	39	14	23	2	14	25
acres	2,810	(D)	2,471	(D)	1,010	1,800
Irrigated						
farms	21	9	10	2	7	14
acres	848	(D)	680	(D)	310	538
All land in orchards						
farms	673	579	84	10	318	355
acres	6,008	4,162	1,669	176	2,601	3,407
Irrigated						
farms	673	579	84	10	318	355
acres	6,008	4,162	1,669	176	2,601	3,407
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	390	352	34	4	191	199
5.0 to 24.9 acres	237	200	33	4	108	129
25.0 to 99.9 acres	40	25	13	2	18	22
100.0 to 249.9 acres	6	2	4	-	1	5
250.0 acres or more	-	-	-	-	-	-
Apples						
farms	361	306	51	4	167	194
Bearing and nonbearing acres	2,112	1,484	(D)	(D)	1,029	1,083
Grapes						
farms	169	152	15	2	61	108
Bearing and nonbearing acres	728	651	(D)	(D)	182	545
Peaches, All						
farms	301	248	48	5	138	163
Bearing and nonbearing acres	2,125	1,272	792	61	906	1,219
Pecans						
farms	2	2	-	-	1	1
Bearing and nonbearing acres	(D)	(D)	-	-	(D)	(D)
Land in berries harvested for sale (see text)						
farms	32	21	8	3	9	23
acres	27	23	4	1	8	19
Irrigated						
farms	25	16	7	2	7	18
acres	19	14	(D)	(D)	8	11

<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.