

Table 25. Selected Crops Harvested: 2007 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
Peanuts for nuts farms	1	-	-	-	-	-	-	-
..... acres	(D)	-	-	-	-	-	-	-
..... pounds	(D)	-	-	-	-	-	-	-
Irrigated farms	1	-	-	-	-	-	-	-
..... acres	(D)	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	1	-	-	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sorghum for grain farms	79	-	13	-	-	-	-	3
..... acres	19,703	-	2,323	-	-	-	-	727
..... bushels	1,696,731	-	268,303	-	-	-	-	(D)
Irrigated farms	79	-	13	-	-	-	-	3
..... acres	19,703	-	2,323	-	-	-	-	727
Farms by acres harvested:								
1 to 24 acres	2	-	-	-	-	-	-	-
25 to 99 acres	17	-	2	-	-	-	-	-
100 to 249 acres	33	-	8	-	-	-	-	2
250 to 499 acres	15	-	3	-	-	-	-	1
500 to 999 acres	10	-	-	-	-	-	-	-
1,000 acres or more	2	-	-	-	-	-	-	-
Wheat for grain, all farms	201	-	11	-	-	6	-	14
..... acres	85,567	-	1,995	-	-	(D)	-	6,363
..... bushels	8,715,906	-	196,216	-	-	(D)	-	673,263
Irrigated farms	201	-	11	-	-	6	-	14
..... acres	85,567	-	1,995	-	-	(D)	-	6,363
Farms by acres harvested:								
1 to 24 acres	5	-	-	-	-	-	-	-
25 to 99 acres	26	-	-	-	-	1	-	1
100 to 249 acres	65	-	9	-	-	3	-	7
250 to 499 acres	50	-	2	-	-	2	-	3
500 to 999 acres	32	-	-	-	-	-	-	1
1,000 acres or more	23	-	-	-	-	-	-	2
Vegetables harvested for sale (see text) farms	2,565	1,100	38	339	8	9	1	10
..... acres	137,574	3,900	3,253	785	17	(D)	(D)	9,921
Farms by acres harvested:								
0.1 to 4.9 acres	2,028	852	19	297	8	7	-	-
5.0 to 24.9 acres	426	234	7	42	-	1	-	-
25.0 to 99.9 acres	25	14	2	-	-	-	-	1
100.0 to 249.9 acres	19	-	7	-	-	-	1	7
250.0 to 499.9 acres	23	-	1	-	-	1	-	1
500.0 acres or more	44	-	2	-	-	-	-	1
500.0 to 749.9 acres	6	-	1	-	-	-	-	-
750.0 to 999.9 acres	7	-	1	-	-	-	-	-
1,000.0 acres or more	31	-	-	-	-	-	-	1
Land in orchards farms	1,527	385	136	128	12	36	9	2
..... acres	37,200	395	6,100	75	65	(D)	43	(D)
Irrigated farms	1,259	249	136	86	12	36	9	2
..... acres	37,022	285	6,100	61	65	(D)	43	(D)
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	1,151	381	61	127	7	21	6	-
5.0 to 24.9 acres	234	3	46	1	5	10	3	1
25.0 to 99.9 acres	85	-	21	-	-	1	-	-
100.0 to 249.9 acres	31	1	5	-	-	3	-	1
250.0 to 499.9 acres	9	-	-	-	-	-	-	-
500.0 acres or more	17	-	3	-	-	1	-	-
500.0 to 749.9 acres	3	-	1	-	-	1	-	-
750.0 to 999.9 acres	5	-	-	-	-	-	-	-
1,000.0 acres or more	9	-	2	-	-	-	-	-

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Table 25. Selected Crops Harvested: 2007 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Peanuts for nuts .....farms	-	-	1	-	-	-	-	-
.....acres	-	-	(D)	-	-	-	-	-
.....pounds	-	-	(D)	-	-	-	-	-
Irrigated .....farms	-	-	1	-	-	-	-	-
.....acres	-	-	(D)	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	-	1	-	-	-	-	-
25 to 99 acres	-	-	-	-	-	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 to 499 acres	-	-	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	-	-	-
1,000 acres or more	-	-	-	-	-	-	-	-
Sorghum for grain .....farms	7	-	-	10	38	-	-	8
.....acres	2,813	-	-	2,842	10,255	-	-	743
.....bushels	188,848	-	-	227,420	891,568	-	-	(D)
Irrigated .....farms	7	-	-	10	38	-	-	8
.....acres	2,813	-	-	2,842	10,255	-	-	743
Farms by acres harvested:								
1 to 24 acres	-	-	-	-	1	-	-	1
25 to 99 acres	1	-	-	2	8	-	-	4
100 to 249 acres	1	-	-	5	14	-	-	3
250 to 499 acres	3	-	-	-	8	-	-	-
500 to 999 acres	2	-	-	3	5	-	-	-
1,000 acres or more	-	-	-	-	2	-	-	-
Wheat for grain, all .....farms	32	1	-	10	63	-	-	64
.....acres	16,386	(D)	-	3,644	19,316	-	-	36,217
.....bushels	1,529,762	(D)	-	368,156	1,794,631	-	-	3,997,134
Irrigated .....farms	32	1	-	10	63	-	-	64
.....acres	16,386	(D)	-	3,644	19,316	-	-	36,217
Farms by acres harvested:								
1 to 24 acres	2	-	-	2	1	-	-	-
25 to 99 acres	6	-	-	1	11	-	-	6
100 to 249 acres	9	-	-	-	23	-	-	14
250 to 499 acres	5	1	-	1	19	-	-	17
500 to 999 acres	3	-	-	6	4	-	-	18
1,000 acres or more	7	-	-	-	5	-	-	9
Vegetables harvested for sale (see text) .....farms	32	2	908	11	23	5	28	51
.....acres	17,472	(D)	2,024	83	9,811	(D)	136	89,856
Farms by acres harvested:								
0.1 to 4.9 acres	15	2	784	7	8	4	23	2
5.0 to 24.9 acres	5	-	121	3	4	1	4	4
25.0 to 99.9 acres	-	-	3	1	2	-	1	-
100.0 to 249.9 acres	2	-	-	-	1	-	-	2
250.0 to 499.9 acres	4	-	-	-	3	-	-	13
500.0 acres or more	6	-	-	-	5	-	-	30
500.0 to 749.9 acres	1	-	-	-	1	-	-	3
750.0 to 999.9 acres	2	-	-	-	-	-	-	4
1,000.0 acres or more	3	-	-	-	4	-	-	23
Land in orchards .....farms	180	20	278	18	29	11	88	195
.....acres	4,080	102	363	(D)	(D)	109	371	15,916
Irrigated .....farms	180	20	188	18	29	11	88	195
.....acres	4,080	102	307	(D)	(D)	109	371	15,916
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	111	14	270	10	15	3	70	55
5.0 to 24.9 acres	47	6	7	6	7	7	17	68
25.0 to 99.9 acres	15	-	-	-	3	1	1	43
100.0 to 249.9 acres	4	-	1	1	-	-	-	15
250.0 to 499.9 acres	1	-	-	-	2	-	-	6
500.0 acres or more	2	-	-	1	2	-	-	8
500.0 to 749.9 acres	1	-	-	-	-	-	-	-
750.0 to 999.9 acres	-	-	-	-	1	-	-	4
1,000.0 acres or more	1	-	-	1	1	-	-	4

Table 26. Field Crops: 2007 and 2002

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BARLEY FOR GRAIN (BUSHEL)										
State Total										
Arizona	113	31,129	3,396,006	113	31,129	164	39,199	4,269,681	164	39,199
Counties										
Apache	4	7	211	4	7	-	-	-	-	-
Cochise	6	1,189	160,829	6	1,189	6	927	104,762	6	927
Graham	8	769	69,896	8	769	13	663	68,341	13	663
Greenlee	-	-	-	-	-	1	(D)	(D)	1	(D)
La Paz	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
Maricopa	48	14,374	1,554,793	48	14,374	56	16,508	1,872,062	56	16,508
Navajo	2	(D)	(D)	2	(D)	-	-	-	-	-
Pima	3	2,000	209,273	3	2,000	6	1,618	177,754	6	1,618
Pinal	38	11,718	1,295,734	38	11,718	68	17,476	1,855,854	68	17,476
Yavapai	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
Yuma	2	(D)	(D)	2	(D)	12	1,645	154,894	12	1,645
CORN FOR GRAIN (BUSHEL)										
State Total										
Arizona	58	22,654	4,083,974	56	21,939	92	27,838	5,127,857	92	27,838
Counties										
Apache	-	-	-	-	-	7	(D)	(D)	7	(D)
Cochise	26	16,580	2,954,726	26	16,540	36	16,332	3,092,553	36	16,332
Coconino	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Graham	6	2,894	573,865	6	2,894	15	6,321	1,237,075	15	6,321
Greenlee	5	324	43,736	5	324	4	(D)	(D)	4	(D)
La Paz	-	-	-	-	-	1	(D)	(D)	1	(D)
Maricopa	4	429	89,562	4	375	4	168	26,730	4	168
Navajo	2	(D)	(D)	-	-	7	(D)	(D)	7	(D)
Pima	3	(D)	(D)	3	-	-	-	-	-	-
Pinal	5	1,101	222,510	5	831	3	617	123,681	3	617
Santa Cruz	1	(D)	(D)	1	(D)	-	-	-	-	-
Yavapai	2	(D)	(D)	2	(D)	4	(D)	(D)	4	(D)
Yuma	3	410	76,437	3	410	9	1,399	220,332	9	1,399
COTTON, ALL (BALES)										
State Total										
Arizona	301	171,300	513,758	301	171,300	409	222,722	626,649	409	222,722
Counties										
Cochise	9	(D)	(D)	9	(D)	15	(D)	(D)	15	(D)
Gila	1	(D)	(D)	1	(D)	-	-	-	-	-
Graham	32	16,781	55,280	32	16,781	45	19,832	53,631	45	19,832
Greenlee	3	294	679	3	294	1	(D)	(D)	1	(D)
La Paz	19	13,855	43,995	19	13,855	21	15,947	44,892	21	15,947
Maricopa	49	26,234	81,605	49	26,234	95	50,354	148,356	95	50,354
Mohave	2	(D)	(D)	2	(D)	5	4,357	9,425	5	4,357
Pima	23	16,227	39,232	23	16,227	17	14,034	37,764	17	14,034
Pinal	112	73,718	224,237	112	73,718	155	94,075	267,278	155	94,075
Yuma	51	18,197	53,178	51	18,197	55	19,903	55,232	55	19,903
UPLAND COTTON (BALES)										
State Total										
Arizona	298	168,798	509,156	298	168,798	401	214,880	609,809	401	214,880
Counties										
Cochise	9	(D)	(D)	9	(D)	14	(D)	(D)	14	(D)
Gila	1	(D)	(D)	1	(D)	-	-	-	-	-
Graham	32	(D)	(D)	32	(D)	41	18,831	51,484	41	18,831
Greenlee	3	294	679	3	294	1	(D)	(D)	1	(D)
La Paz	18	(D)	(D)	18	(D)	21	14,613	42,043	21	14,613
Maricopa	48	(D)	(D)	48	(D)	95	50,354	148,356	95	50,354
Mohave	2	(D)	(D)	2	(D)	5	4,357	9,425	5	4,357
Pima	22	(D)	(D)	22	(D)	16	(D)	(D)	16	(D)
Pinal	112	72,598	222,147	112	72,598	153	91,167	261,379	153	91,167
Yuma	51	17,846	52,454	51	17,846	55	17,784	50,363	55	17,784
PIMA COTTON (BALES)										
State Total										
Arizona	13	2,502	4,602	13	2,502	45	7,842	16,840	45	7,842
Counties										
Cochise	-	-	-	-	-	2	(D)	(D)	2	(D)
Graham	1	(D)	(D)	1	(D)	12	1,001	2,147	12	1,001
La Paz	1	(D)	(D)	1	(D)	3	1,334	2,849	3	1,334
Maricopa	1	(D)	(D)	1	(D)	-	-	-	-	-
Pima	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
Pinal	3	1,120	2,090	3	1,120	20	2,908	5,899	20	2,908
Yuma	6	351	724	6	351	7	2,119	4,869	7	2,119

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Table 26. Field Crops: 2007 and 2002 - Con.

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
DRY EDIBLE BEANS, EXCLUDING LIMAS (CWT)										
State Total										
Arizona	46	5,849	102,603	27	5,818	28	4,837	88,798	28	4,837
Counties										
Apache	4	10	(D)	2	(D)	-	-	-	-	-
Cochise	15	2,159	33,429	14	(D)	14	2,547	46,116	14	2,547
Coconino	5	5	28	1	(D)	2	(D)	(D)	2	(D)
Graham	4	(D)	(D)	4	(D)	2	(D)	(D)	2	(D)
Maricopa	1	(D)	(D)	1	(D)	3	1,000	(D)	3	1,000
Mohave	-	-	-	-	-	1	(D)	(D)	1	(D)
Navajo	12	22	22	-	-	-	-	-	-	-
Pima	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
Pinal	2	(D)	(D)	2	(D)	3	(D)	(D)	3	(D)
Santa Cruz	1	(D)	(D)	1	(D)	-	-	-	-	-
Yuma	-	-	-	-	-	2	(D)	(D)	2	(D)
DRY EDIBLE PEAS (CWT)										
State Total										
Arizona	5	(D)	(D)	1	(D)	-	-	-	-	-
Counties										
La Paz	3	6	12	-	-	-	-	-	-	-
Yuma	2	(D)	(D)	1	(D)	-	-	-	-	-
DRY SOUTHERN PEAS (COWPEAS) (BUSHEL)										
State Total										
Arizona	3	1,452	20,550	3	1,452	1	(D)	(D)	1	(D)
Counties										
Yuma	3	1,452	20,550	3	1,452	1	(D)	(D)	1	(D)
OATS FOR GRAIN (BUSHEL)										
State Total										
Arizona	18	1,090	87,980	18	1,090	43	2,226	206,912	43	2,226
Counties										
Apache	4	22	1,379	4	22	6	54	3,186	6	54
Cochise	8	119	8,061	8	119	8	459	48,174	8	459
Coconino	-	-	-	-	-	4	39	2,444	4	39
Gila	-	-	-	-	-	3	18	1,125	3	18
Graham	3	(D)	(D)	3	(D)	3	235	18,800	3	235
La Paz	-	-	-	-	-	2	(D)	(D)	2	(D)
Maricopa	1	(D)	(D)	1	(D)	7	548	51,310	7	548
Pima	-	-	-	-	-	1	(D)	(D)	1	(D)
Pinal	2	(D)	(D)	2	(D)	7	270	31,985	7	270
Yavapai	-	-	-	-	-	2	(D)	(D)	2	(D)
PEANUTS FOR NUTS (POUNDS)										
State Total										
Arizona	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Counties										
Cochise	-	-	-	-	-	1	(D)	(D)	1	(D)
La Paz	-	-	-	-	-	1	(D)	(D)	1	(D)
Navajo	1	(D)	(D)	1	(D)	-	-	-	-	-
SAFFLOWER (POUNDS)										
State Total										
Arizona	-	-	-	-	-	9	1,274	2,530,700	9	1,274
Counties										
Yuma	-	-	-	-	-	9	1,274	2,530,700	9	1,274

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Table 26. Field Crops: 2007 and 2002 - Con.

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SORGHUM FOR GRAIN (BUSHEL)										
State Total										
Arizona	79	19,703	1,696,731	79	19,703	28	6,025	430,648	28	6,025
Counties										
Cochise	13	2,323	268,303	13	2,323	3	508	39,603	3	508
Graham	-	-	-	-	-	2	(D)	(D)	2	(D)
La Paz	3	727	(D)	3	727	1	(D)	(D)	1	(D)
Maricopa	7	2,813	188,848	7	2,813	8	1,999	80,018	8	1,999
Pima	10	2,842	227,420	10	2,842	2	(D)	(D)	2	(D)
Pinal	38	10,255	891,568	38	10,255	12	2,786	254,194	12	2,786
Yuma	8	743	(D)	8	743	-	-	-	-	-
WHEAT FOR GRAIN, ALL (BUSHEL)										
State Total										
Arizona	201	85,567	8,715,906	201	85,567	232	100,078	9,600,854	232	100,078
Counties										
Apache	-	-	-	-	-	1	(D)	(D)	1	(D)
Cochise	11	1,995	196,216	11	1,995	8	1,888	182,415	8	1,888
Graham	6	(D)	(D)	6	(D)	5	379	38,613	5	379
Greenlee	-	-	-	-	-	1	(D)	(D)	1	(D)
La Paz	14	6,363	673,263	14	6,363	12	5,309	503,299	12	5,309
Maricopa	32	16,386	1,529,762	32	16,386	38	14,137	1,250,835	38	14,137
Mohave	1	(D)	(D)	1	(D)	-	-	-	-	-
Navajo	-	-	-	-	-	2	(D)	(D)	2	(D)
Pima	10	3,644	368,156	10	3,644	11	6,464	648,963	11	6,464
Pinal	63	19,316	1,794,631	63	19,316	67	27,508	2,520,309	67	27,508
Yavapai	-	-	-	-	-	2	(D)	(D)	2	(D)
Yuma	64	36,217	3,997,134	64	36,217	85	43,718	4,395,721	85	43,718
WINTER WHEAT FOR GRAIN (BUSHEL)										
State Total										
Arizona	18	4,044	353,709	18	4,044	30	6,486	557,027	30	6,486
Counties										
Apache	-	-	-	-	-	1	(D)	(D)	1	(D)
Graham	-	-	-	-	-	2	(D)	(D)	2	(D)
La Paz	1	(D)	(D)	1	(D)	3	1,000	91,000	3	1,000
Maricopa	4	(D)	(D)	4	(D)	6	544	42,949	6	544
Navajo	-	-	-	-	-	2	(D)	(D)	2	(D)
Pima	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
Pinal	5	1,403	113,710	5	1,403	6	(D)	(D)	6	(D)
Yavapai	-	-	-	-	-	2	(D)	(D)	2	(D)
Yuma	6	1,365	139,722	6	1,365	6	1,205	107,731	6	1,205
DURUM WHEAT FOR GRAIN (BUSHEL)										
State Total										
Arizona	188	81,523	8,362,197	188	81,523	208	93,592	9,043,827	208	93,592
Counties										
Cochise	11	1,995	196,216	11	1,995	8	1,888	182,415	8	1,888
Graham	6	(D)	(D)	6	(D)	3	(D)	(D)	3	(D)
Greenlee	-	-	-	-	-	1	(D)	(D)	1	(D)
La Paz	13	(D)	(D)	13	(D)	9	4,309	412,299	9	4,309
Maricopa	28	(D)	(D)	28	(D)	33	13,593	1,207,886	33	13,593
Mohave	1	(D)	(D)	1	(D)	-	-	-	-	-
Pima	8	(D)	(D)	8	(D)	9	(D)	(D)	9	(D)
Pinal	61	17,913	1,680,921	61	17,913	62	(D)	(D)	62	(D)
Yavapai	-	-	-	-	-	1	(D)	(D)	1	(D)
Yuma	60	34,852	3,857,412	60	34,852	82	42,513	4,287,990	82	42,513

Table 27. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2007 and 2002

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
FIELD AND GRASS SEED CROPS, ALL (SEE TEXT)										
State Total										
Arizona	88	19,275	(X)	87	19,231	39	7,678	(X)	39	7,678
Counties										
Apache	2	(D)	(X)	2	(D)	-	-	(X)	-	-
Cochise	1	(D)	(X)	1	(D)	-	-	(X)	-	-
Graham	6	304	(X)	6	304	-	-	(X)	-	-
Greenlee	-	-	(X)	-	-	1	(D)	(X)	1	(D)
La Paz	3	(D)	(X)	3	(D)	1	(D)	(X)	1	(D)
Maricopa	19	946	(X)	19	946	10	(D)	(X)	10	(D)
Mohave	1	(D)	(X)	1	(D)	2	(D)	(X)	2	(D)
Navajo	3	23	(X)	3	23	-	-	(X)	-	-
Pinal	10	2,836	(X)	10	2,836	5	1,008	(X)	5	1,008
Yavapai	4	(D)	(X)	4	(D)	1	(D)	(X)	1	(D)
Yuma	39	11,467	(X)	38	11,423	19	3,410	(X)	19	3,410
ALFALFA SEED (POUNDS)										
State Total										
Arizona	53	5,206	1,902,669	53	5,206	21	2,511	574,020	21	2,511
Counties										
Apache	2	(D)	(D)	2	(D)	-	-	-	-	-
Cochise	1	(D)	(D)	1	(D)	-	-	-	-	-
Graham	6	304	112,960	6	304	-	-	-	-	-
Greenlee	-	-	-	-	-	1	(D)	(D)	1	(D)
Maricopa	17	776	182,099	17	776	8	(D)	149,450	8	(D)
Navajo	2	(D)	(D)	2	(D)	-	-	-	-	-
Pinal	6	(D)	859,873	6	(D)	3	(D)	(D)	3	(D)
Yavapai	3	(D)	30,000	3	(D)	1	(D)	(D)	1	(D)
Yuma	16	1,723	708,212	16	1,723	8	1,010	219,270	8	1,010
BERMUDA GRASS SEED (POUNDS)										
State Total										
Arizona	27	6,797	2,971,124	26	6,753	18	4,487	1,566,360	18	4,487
Counties										
Cochise	1	(D)	(D)	1	(D)	-	-	-	-	-
La Paz	3	(D)	(D)	3	(D)	1	(D)	(D)	1	(D)
Maricopa	4	170	42,692	4	170	3	(D)	(D)	3	(D)
Mohave	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Pinal	6	(D)	(D)	6	(D)	2	(D)	(D)	2	(D)
Yavapai	1	(D)	(D)	1	(D)	-	-	-	-	-
Yuma	11	2,555	798,100	10	2,511	10	1,720	682,691	10	1,720
ORCHARDGRASS SEED (POUNDS)										
State Total										
Arizona	1	(D)	(D)	1	(D)	-	-	-	-	-
Counties										
Navajo	1	(D)	(D)	1	(D)	-	-	-	-	-
SUDANGRASS SEED (POUNDS)										
State Total										
Arizona	19	7,189	14,239,058	19	7,189	5	(D)	428,540	5	(D)
Counties										
Yuma	19	7,189	14,239,058	19	7,189	5	(D)	428,540	5	(D)
OTHER FIELD AND GRASS SEED CROPS (POUNDS) (SEE TEXT)										
State Total										
Arizona	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
Counties										
Pinal	2	(D)	(D)	2	(D)	-	-	-	-	-
Yuma	-	-	-	-	-	1	(D)	(D)	1	(D)

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Table 27. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2007 and 2002 - Con.

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
FORAGE - LAND USED FOR ALL HAY AND ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, DRY EQUIVALENT) (SEE TEXT)										
State Total										
Arizona	1,176	309,018	2,215,580	1,122	307,367	1,088	289,334	2,087,130	1,088	289,334
Counties										
Apache	184	3,149	5,840	147	2,777	71	4,308	11,173	71	4,308
Cochise	89	23,573	161,331	89	23,553	91	16,233	100,952	91	16,233
Coconino	8	352	193	6	194	15	765	2,377	15	765
Gila	13	413	1,684	11	389	15	(D)	(D)	15	(D)
Graham	67	2,424	13,652	66	2,419	71	2,539	15,871	71	2,539
Greenlee	33	2,494	13,540	31	2,474	23	1,759	8,566	23	1,759
La Paz	53	63,102	465,320	53	63,102	52	61,233	466,302	52	61,233
Maricopa	200	90,363	693,514	200	90,287	277	94,230	701,465	277	94,230
Mohave	23	11,397	60,384	19	11,332	28	14,497	87,213	28	14,497
Navajo	55	2,962	8,569	53	2,917	39	1,281	5,364	39	1,281
Pima	29	2,517	21,961	26	2,511	33	2,182	10,821	33	2,182
Pinal	203	63,811	479,152	203	63,247	169	46,211	374,173	169	46,211
Santa Cruz	6	305	1,161	6	305	1	(D)	(D)	1	(D)
Yavapai	56	3,055	6,689	55	2,777	50	3,055	11,832	50	3,055
Yuma	157	39,101	282,591	157	39,083	153	40,559	289,543	153	40,559
HAY - ALL HAY INCLUDING ALFALFA, OTHER TAME, SMALL GRAIN, AND WILD (TONS, DRY) (SEE TEXT)										
State Total										
Arizona	1,146	297,614	2,119,609	1,091	295,590	1,056	278,803	2,004,919	1,056	278,801
Counties										
Apache	182	3,120	5,797	145	2,748	62	3,729	10,421	62	3,729
Cochise	88	24,499	(D)	88	23,854	86	15,784	(D)	86	15,784
Coconino	7	351	(D)	4	(D)	15	765	2,377	15	765
Gila	13	413	1,684	11	389	15	(D)	(D)	15	(D)
Graham	67	2,445	13,652	66	2,440	71	2,569	(D)	71	2,569
Greenlee	33	2,519	(D)	31	2,499	23	1,759	8,566	23	1,759
La Paz	53	63,267	465,320	53	63,267	52	61,343	466,813	52	61,343
Maricopa	191	81,382	635,346	191	81,310	265	85,114	646,813	265	85,114
Mohave	23	11,492	60,384	19	11,427	28	14,343	(D)	28	14,343
Navajo	55	2,872	(D)	53	2,837	36	923	(D)	36	923
Pima	26	2,894	(D)	23	2,878	33	2,091	(D)	33	2,091
Pinal	191	59,891	445,712	191	59,573	169	45,987	354,892	169	45,985
Santa Cruz	6	256	(D)	6	(D)	1	(D)	(D)	1	(D)
Yavapai	56	3,055	6,689	55	2,777	47	3,033	11,808	47	3,033
Yuma	155	39,158	281,773	155	39,143	153	40,881	(D)	153	40,881
ALFALFA HAY (TONS, DRY)										
State Total										
Arizona	943	257,407	1,968,043	920	257,263	847	232,579	1,844,626	847	232,579
Counties										
Apache	146	(D)	4,372	123	(D)	54	2,168	8,463	54	2,168
Cochise	65	19,621	142,696	65	19,621	62	12,950	89,242	62	12,950
Coconino	4	(D)	141	4	(D)	12	446	1,903	12	446
Gila	1	(D)	(D)	1	(D)	5	(D)	(D)	5	(D)
Graham	61	1,973	(D)	61	1,973	57	2,304	14,977	57	2,304
Greenlee	19	1,126	6,767	19	1,126	21	1,131	7,684	21	1,131
La Paz	52	60,290	451,583	52	60,290	51	57,148	450,335	51	57,148
Maricopa	175	75,394	612,404	175	75,394	216	74,514	597,149	216	74,514
Mohave	15	10,374	58,068	15	10,374	23	9,960	72,540	23	9,960
Navajo	48	2,694	7,561	48	2,694	32	743	3,498	32	743
Pima	23	1,888	19,303	23	1,888	23	1,147	8,895	23	1,147
Pinal	175	54,495	420,575	175	54,495	145	40,877	338,706	145	40,877
Santa Cruz	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
Yavapai	28	(D)	2,981	28	(D)	19	880	5,477	19	880
Yuma	129	25,789	228,082	129	25,789	126	28,233	245,395	126	28,233
SMALL GRAIN HAY (TONS, DRY)										
State Total										
Arizona	109	11,189	38,886	106	10,310	97	(D)	27,623	97	(D)
Counties										
Apache	8	(D)	(D)	6	(D)	2	(D)	(D)	2	(D)
Cochise	21	4,044	14,942	21	(D)	25	2,364	(D)	25	2,364
Coconino	-	-	-	-	-	1	(D)	(D)	1	(D)
Gila	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
Graham	9	72	107	8	67	5	(D)	(D)	5	(D)
Greenlee	8	(D)	(D)	8	(D)	4	(D)	(D)	4	(D)
La Paz	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
Maricopa	17	2,033	7,576	17	1,963	21	2,220	10,902	21	2,220
Mohave	2	(D)	(D)	2	(D)	7	(D)	2,841	7	(D)
Navajo	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Pima	4	(D)	994	4	(D)	4	(D)	(D)	4	(D)

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Table 27. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2007 and 2002 - Con.

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SMALL GRAIN HAY (TONS, DRY) - Con.										
Counties - Con.										
Pinal	24	(D)	(D)	24	(D)	15	(D)	(D)	15	(D)
Santa Cruz	1	(D)	(D)	1	(D)	-	-	-	-	-
Yavapai	10	(D)	(D)	10	(D)	6	(D)	(D)	6	(D)
Yuma	-	-	-	-	-	3	260	(D)	3	260
OTHER TAME HAY (TONS, DRY)										
State Total										
Arizona	272	28,364	112,080	247	27,975	271	35,333	128,154	271	35,333
Counties										
Apache	32	393	646	20	(D)	7	(D)	(D)	7	(D)
Cochise	25	(D)	2,017	25	(D)	11	435	1,474	11	435
Coconino	2	(D)	(D)	-	-	3	(D)	(D)	3	(D)
Gila	8	(D)	(D)	8	(D)	13	(D)	1,070	13	(D)
Graham	6	400	(D)	6	400	17	200	562	17	200
Greenlee	10	(D)	5,266	10	(D)	3	(D)	(D)	3	(D)
La Paz	15	(D)	(D)	15	(D)	12	(D)	14,886	12	(D)
Maricopa	37	3,955	15,366	35	3,953	71	8,359	38,748	71	8,359
Mohave	10	657	(D)	7	(D)	8	3,063	10,639	8	3,063
Navajo	8	(D)	97	6	(D)	4	(D)	(D)	4	(D)
Pima	6	(D)	(D)	2	(D)	10	662	1,171	10	662
Pinal	33	2,972	13,482	33	2,897	33	(D)	12,880	33	(D)
Santa Cruz	4	26	17	4	26	-	-	-	-	-
Yavapai	28	1,407	3,360	28	1,407	26	707	2,024	26	707
Yuma	48	13,369	53,691	48	13,354	53	12,388	43,035	53	12,388
WILD HAY (TONS, DRY)										
State Total										
Arizona	18	654	600	5	42	22	(D)	4,516	21	(D)
Counties										
Apache	6	(D)	(D)	2	(D)	4	25	18	4	25
Cochise	1	(D)	(D)	-	-	4	35	42	4	35
Coconino	1	(D)	(D)	-	-	-	-	-	-	-
Gila	2	(D)	(D)	-	-	-	-	-	-	-
Graham	-	-	-	-	-	1	(D)	(D)	1	(D)
Greenlee	2	(D)	(D)	-	-	1	(D)	(D)	1	(D)
Maricopa	-	-	-	-	-	3	21	14	3	21
Mohave	2	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Navajo	2	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
Pima	-	-	-	-	-	3	(D)	27	3	(D)
Pinal	1	(D)	(D)	1	(D)	1	(D)	(D)	-	-
Yavapai	1	(D)	(D)	-	-	2	(D)	(D)	2	(D)
ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN) (SEE TEXT)										
State Total										
Arizona	109	48,697	194,156	109	48,697	111	41,212	166,316	111	41,212
Counties										
Apache	3	(D)	88	3	(D)	9	579	1,520	9	579
Cochise	3	(D)	(D)	3	(D)	7	(D)	(D)	7	(D)
Coconino	2	(D)	(D)	2	(D)	-	-	-	-	-
Graham	-	-	-	-	-	1	(D)	(D)	1	(D)
Greenlee	2	(D)	(D)	2	(D)	-	-	-	-	-
La Paz	-	-	-	-	-	2	(D)	(D)	2	(D)
Maricopa	45	27,760	117,677	45	27,760	56	26,987	110,567	56	26,987
Mohave	-	-	-	-	-	1	(D)	(D)	1	(D)
Navajo	2	(D)	(D)	2	(D)	4	(D)	(D)	4	(D)
Pima	3	(D)	(D)	3	(D)	2	(D)	(D)	2	(D)
Pinal	42	19,477	67,651	42	19,477	25	10,745	39,003	25	10,745
Santa Cruz	3	49	(D)	3	49	-	-	-	-	-
Yavapai	-	-	-	-	-	3	24	48	3	24
Yuma	4	341	1,654	4	341	1	(D)	(D)	1	(D)
HAYLAGE OR GREENCHOP FROM ALFALFA OR ALFALFA MIXTURES (TONS, GREEN)										
State Total										
Arizona	95	46,007	167,265	95	46,007	96	39,558	157,367	96	39,558
Counties										
Apache	1	(D)	(D)	1	(D)	9	579	1,520	9	579
Cochise	3	(D)	(D)	3	(D)	7	(D)	(D)	7	(D)
Coconino	1	(D)	(D)	1	(D)	-	-	-	-	-
Graham	-	-	-	-	-	1	(D)	(D)	1	(D)
Greenlee	2	(D)	(D)	2	(D)	-	-	-	-	-
La Paz	-	-	-	-	-	1	(D)	(D)	1	(D)

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Table 27. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2007 and 2002 - Con.

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HAYLAGE OR GREENCHOP FROM ALFALFA OR ALFALFA MIXTURES (TONS, GREEN) - Con.										
Counties - Con.										
Maricopa	43	26,160	(D)	43	26,160	49	26,386	108,213	49	26,386
Mohave	-	-	-	-	-	1	(D)	(D)	1	(D)
Navajo	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Pima	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Pinal	40	(D)	(D)	40	(D)	23	(D)	37,658	23	(D)
Santa Cruz	3	49	(D)	3	49	-	-	-	-	-
Yuma	-	-	-	-	-	1	(D)	(D)	1	(D)
OTHER HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN)										
State Total										
Arizona	20	2,690	26,891	20	2,690	22	1,654	8,949	22	1,654
Counties										
Apache	3	(D)	(D)	3	(D)	-	-	-	-	-
Cochise	-	-	-	-	-	4	(D)	(D)	4	(D)
Coconino	1	(D)	(D)	1	(D)	-	-	-	-	-
Greenlee	1	(D)	(D)	1	(D)	-	-	-	-	-
La Paz	-	-	-	-	-	1	(D)	(D)	1	(D)
Maricopa	5	1,600	(D)	5	1,600	9	601	2,354	9	601
Navajo	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Pima	2	(D)	(D)	2	(D)	-	-	-	-	-
Pinal	3	(D)	(D)	3	(D)	3	(D)	1,345	3	(D)
Yavapai	-	-	-	-	-	3	24	48	3	24
Yuma	4	341	1,654	4	341	-	-	-	-	-
CORN FOR SILAGE OR GREENCHOP (TONS)										
State Total										
Arizona	116	33,941	891,902	116	33,941	137	31,922	803,358	137	31,922
Counties										
Cochise	8	3,429	63,389	8	3,429	10	1,215	25,574	10	1,215
Graham	2	(D)	(D)	2	(D)	4	208	4,195	4	208
Greenlee	2	(D)	(D)	2	(D)	-	-	-	-	-
La Paz	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
Maricopa	37	11,813	310,767	37	11,813	74	21,432	543,068	74	21,432
Navajo	13	500	6,583	13	500	6	194	4,400	6	194
Pima	4	546	14,837	4	546	2	(D)	(D)	2	(D)
Pinal	44	14,824	417,771	44	14,824	33	7,648	199,930	33	7,648
Santa Cruz	1	(D)	(D)	1	(D)	-	-	-	-	-
Yavapai	2	(D)	(D)	2	(D)	4	90	1,810	4	90
Yuma	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
SORGHUM FOR SILAGE OR GREENCHOP (TONS)										
State Total										
Arizona	68	20,969	396,620	67	20,967	38	8,327	173,833	38	8,327
Counties										
Apache	1	(D)	(D)	-	-	-	-	-	-	-
Cochise	4	676	13,154	4	676	1	(D)	(D)	1	(D)
Graham	1	(D)	(D)	1	(D)	-	-	-	-	-
Greenlee	1	(D)	(D)	1	(D)	-	-	-	-	-
La Paz	1	(D)	(D)	1	(D)	-	-	-	-	-
Maricopa	35	10,653	215,233	35	10,653	27	6,503	137,127	27	6,503
Navajo	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
Pinal	22	8,222	140,505	22	8,222	8	(D)	(D)	8	(D)
Yuma	1	(D)	(D)	1	(D)	-	-	-	-	-

Table 28. Other Crops: 2007 and 2002

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

Geographic area	2007					2002				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HERBS, DRIED (POUNDS)										
State Total										
Arizona	2	(D)	(D)	2	(D)	1	(D)	(D)	-	-
Counties										
Cochise	1	(D)	(D)	1	(D)	-	-	-	-	-
Coconino	1	(D)	(D)	1	(D)	-	-	-	-	-
Pinal	-	-	-	-	-	1	(D)	(D)	-	-
JOJOBA HARVESTED (POUNDS)										
State Total										
Arizona	4	1,725	1,077,052	4	1,725	5	(D)	(D)	5	(D)
Counties										
La Paz	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
Maricopa	2	(D)	(D)	2	(D)	-	-	-	-	-
Yuma	1	(D)	(D)	1	(D)	4	(D)	(D)	4	(D)
SWEET CORN FOR SEED (POUNDS)										
State Total										
Arizona	-	-	-	-	-	1	(D)	(D)	1	(D)
Counties										
Pinal	-	-	-	-	-	1	(D)	(D)	1	(D)
OTHER CROPS (SEE TEXT)										
State Total										
Arizona	2	(D)	(X)	1	(D)	9	594	(X)	9	594
Counties										
La Paz	1	(D)	(X)	-	-	-	-	(X)	-	-
Maricopa	1	(D)	(X)	1	(D)	2	(D)	(X)	2	(D)
Pima	-	-	(X)	-	-	5	(D)	(X)	5	(D)
Pinal	-	-	(X)	-	-	2	(D)	(X)	2	(D)

Table 29. Land Used For Vegetables and Vegetables Harvested For Sale: 2007 and 2002

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

Geographic area	2007					2002 ¹				
	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	
STATE TOTAL										
Arizona	2,565	133,910	1,543	130,930	137,574	274	128,271	274	128,271	134,394
COUNTIES										
Apache	1,100	3,867	645	2,194	3,900	8	25	8	25	25
Cochise	38	3,184	38	3,184	3,253	49	5,464	49	5,464	5,465
Coconino	339	772	209	404	785	6	(D)	6	(D)	(D)
Gila	8	(D)	8	(D)	17	1	(D)	1	(D)	(D)
Graham	9	(D)	9	(D)	(D)	6	668	6	668	668
Greenlee	1	(D)	1	(D)	(D)	1	(D)	1	(D)	(D)
La Paz	10	9,921	10	9,921	9,921	8	5,539	8	5,539	5,539
Maricopa	32	17,186	32	17,186	17,472	40	15,986	40	15,986	17,010
Mohave	2	(D)	2	(D)	(D)	2	(D)	2	(D)	(D)
Navajo	908	1,978	471	1,038	2,024	10	57	10	57	57
Pima	11	82	11	82	83	17	342	17	342	343
Pinal	23	9,611	23	9,611	9,811	34	7,241	34	7,241	7,593
Santa Cruz	5	11	5	11	(D)	3	51	3	51	51
Yavapai	28	131	28	131	136	23	(D)	23	(D)	(D)
Yuma	51	86,846	51	86,846	89,856	66	91,798	66	91,798	96,542

¹ 2002 data do not include potatoes, sweet potatoes, or ginseng.

Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
VEGETABLES HARVESTED FOR SALE (SEE TEXT) ¹								
State Total								
Arizona	2,565	137,574	19	5,160	2,552	132,415	274	134,394
Counties								
Apache	1,100	3,900	3	2	1,100	3,898	8	25
Cochise	38	3,253	9	(D)	32	(D)	49	5,465
Coconino	339	785	-	-	339	785	6	(D)
Gila	8	17	-	-	8	17	1	(D)
Graham	9	(D)	1	(D)	8	23	6	668
Greenlee	1	(D)	-	-	1	(D)	1	(D)
La Paz	10	9,921	3	(D)	7	(D)	8	5,539
Maricopa	32	17,472	1	(D)	31	(D)	40	17,010
Mohave	2	(D)	-	-	2	(D)	2	(D)
Navajo	908	2,024	-	-	908	2,024	10	57
Pima	11	83	-	-	11	83	17	343
Pinal	23	9,811	2	(D)	21	(D)	34	7,593
Santa Cruz	5	(D)	-	-	5	(D)	3	51
Yavapai	28	136	-	-	28	136	23	(D)
Yuma	51	89,856	-	-	51	89,856	66	96,542
ARTICHOKES, EXCLUDING JERUSALEM								
State Total								
Arizona	5	(D)	-	-	5	(D)	1	(D)
Counties								
Maricopa	-	-	-	-	-	-	1	(D)
Navajo	2	(D)	-	-	2	(D)	-	-
Pima	1	(D)	-	-	1	(D)	-	-
Yuma	2	(D)	-	-	2	(D)	-	-
ASPARAGUS								
State Total								
Arizona	7	1	-	-	7	1	14	4
Counties								
Cochise	-	-	-	-	-	-	3	(Z)
Navajo	1	(D)	-	-	1	(D)	-	-
Pima	2	(D)	-	-	2	(D)	6	3
Pinal	-	-	-	-	-	-	5	1
Yavapai	4	(D)	-	-	4	(D)	-	-
BEANS, GREEN LIMA								
State Total								
Arizona	5	2	-	-	5	2	-	-
Counties								
Apache	3	(D)	-	-	3	(D)	-	-
Navajo	2	(D)	-	-	2	(D)	-	-
BEANS, SNAP								
State Total								
Arizona	224	103	-	-	224	103	34	26
Counties								
Apache	72	35	-	-	72	35	1	(D)
Cochise	2	(D)	-	-	2	(D)	7	7
Coconino	17	7	-	-	17	7	6	4
Gila	2	(D)	-	-	2	(D)	-	-
Maricopa	1	(D)	-	-	1	(D)	5	3
Navajo	125	59	-	-	125	59	-	-
Pima	3	1	-	-	3	1	7	(D)
Pinal	1	(D)	-	-	1	(D)	-	-
Santa Cruz	-	-	-	-	-	-	3	3
Yavapai	1	(D)	-	-	1	(D)	5	8
BEETS								
State Total								
Arizona	19	5	-	-	19	5	33	28
Counties								
Apache	4	1	-	-	4	1	-	-
Cochise	2	(D)	-	-	2	(D)	4	2
Coconino	1	(D)	-	-	1	(D)	5	(D)
Gila	2	(D)	-	-	2	(D)	-	-
Graham	-	-	-	-	-	-	1	(D)

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
BEETS - Con.								
Counties - Con.								
Maricopa	1	(D)	-	-	1	(D)	8	19
Mohave	-	-	-	-	-	-	1	(D)
Navajo	1	(D)	-	-	1	(D)	-	-
Pima	3	1	-	-	3	1	8	2
Pinal	3	(Z)	-	-	3	(Z)	3	(D)
Santa Cruz	-	-	-	-	-	-	3	3
Yavapai	2	(D)	-	-	2	(D)	-	-
BROCCOLI								
State Total								
Arizona	44	11,869	-	-	44	11,869	54	11,970
Counties								
Apache	1	(D)	-	-	1	(D)	-	-
Cochise	2	(D)	-	-	2	(D)	-	-
Gila	2	(D)	-	-	2	(D)	-	-
La Paz	3	(D)	-	-	3	(D)	-	-
Maricopa	10	2,868	-	-	10	2,868	12	2,670
Navajo	1	(D)	-	-	1	(D)	-	-
Pima	2	(D)	-	-	2	(D)	6	(D)
Pinal	2	(D)	-	-	2	(D)	8	(D)
Yuma	21	8,691	-	-	21	8,691	28	8,792
BRUSSELS SPROUTS								
State Total								
Arizona	2	(D)	-	-	2	(D)	-	-
Counties								
Cochise	1	(D)	-	-	1	(D)	-	-
Yuma	1	(D)	-	-	1	(D)	-	-
CABBAGE, CHINESE								
State Total								
Arizona	-	-	-	-	-	-	6	258
Counties								
Maricopa	-	-	-	-	-	-	3	103
Yuma	-	-	-	-	-	-	3	156
CABBAGE, HEAD								
State Total								
Arizona	23	2,675	-	-	23	2,675	22	3,794
Counties								
Apache	6	1	-	-	6	1	-	-
Gila	2	(D)	-	-	2	(D)	-	-
Maricopa	7	(D)	-	-	7	(D)	12	1,174
Navajo	3	1	-	-	3	1	-	-
Pima	2	(D)	-	-	2	(D)	-	-
Pinal	1	(D)	-	-	1	(D)	2	(D)
Yavapai	-	-	-	-	-	-	3	(D)
Yuma	2	(D)	-	-	2	(D)	5	2,619
CANTALOUPE								
State Total								
Arizona	748	18,933	-	-	748	18,933	73	14,799
Counties								
Apache	407	209	-	-	407	209	5	7
Cochise	4	6	-	-	4	6	5	3
Coconino	82	33	-	-	82	33	-	-
Gila	2	(D)	-	-	2	(D)	-	-
Graham	3	(D)	-	-	3	(D)	1	(D)
Greenlee	-	-	-	-	-	-	1	(D)
La Paz	1	(D)	-	-	1	(D)	3	3,706
Maricopa	6	(D)	-	-	6	(D)	12	5,504
Mohave	2	(D)	-	-	2	(D)	2	(D)
Navajo	213	80	-	-	213	80	1	(D)
Pima	5	8	-	-	5	8	5	(D)
Pinal	4	(D)	-	-	4	(D)	15	2,174
Santa Cruz	1	(D)	-	-	1	(D)	3	3
Yavapai	8	4	-	-	8	4	8	6
Yuma	10	2,913	-	-	10	2,913	12	3,287

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
CARROTS								
State Total								
Arizona	43	(D)	-	-	43	(D)	33	2,190
Counties								
Apache	12	5	-	-	12	5	1	(D)
Cochise	4	(Z)	-	-	4	(Z)	-	-
Coconino	3	(Z)	-	-	3	(Z)	-	-
Gila	2	(D)	-	-	2	(D)	-	-
La Paz	-	-	-	-	-	-	2	(D)
Maricopa	4	(D)	-	-	4	(D)	12	(D)
Mohave	1	(D)	-	-	1	(D)	1	(D)
Navajo	9	3	-	-	9	3	-	-
Pima	2	(D)	-	-	2	(D)	7	2
Pinal	3	(Z)	-	-	3	(Z)	7	1
Santa Cruz	1	(D)	-	-	1	(D)	3	3
Yavapai	2	(D)	-	-	2	(D)	-	-
CAULIFLOWER								
State Total								
Arizona	27	3,905	-	-	27	3,905	18	4,632
Counties								
Apache	1	(D)	-	-	1	(D)	-	-
Gila	2	(D)	-	-	2	(D)	-	-
Maricopa	6	(D)	-	-	6	(D)	5	(D)
Navajo	1	(D)	-	-	1	(D)	-	-
Pima	1	(D)	-	-	1	(D)	-	-
Pinal	1	(D)	-	-	1	(D)	-	-
Yuma	15	3,887	-	-	15	3,887	13	(D)
CELERY								
State Total								
Arizona	5	437	-	-	5	437	4	530
Counties								
Santa Cruz	1	(D)	-	-	1	(D)	-	-
Yuma	4	(D)	-	-	4	(D)	4	530
COLLARDS								
State Total								
Arizona	4	(D)	-	-	4	(D)	8	186
Counties								
Cochise	2	(D)	-	-	2	(D)	-	-
Maricopa	2	(D)	-	-	2	(D)	6	(D)
Pinal	-	-	-	-	-	-	2	(D)
CUCUMBERS AND PICKLES								
State Total								
Arizona	104	38	-	-	104	38	27	21
Counties								
Apache	56	25	-	-	56	25	1	(D)
Cochise	5	1	-	-	5	1	2	(D)
Coconino	6	2	-	-	6	2	-	-
Gila	2	(D)	-	-	2	(D)	-	-
Graham	3	(Z)	-	-	3	(Z)	-	-
Greenlee	-	-	-	-	-	-	1	(D)
Maricopa	1	(D)	-	-	1	(D)	3	1
Mohave	1	(D)	-	-	1	(D)	1	(D)
Navajo	17	5	-	-	17	5	-	-
Pima	3	1	-	-	3	1	3	1
Pinal	1	(D)	-	-	1	(D)	5	9
Santa Cruz	1	(D)	-	-	1	(D)	-	-
Yavapai	8	2	-	-	8	2	10	7
Yuma	-	-	-	-	-	-	1	(D)
DAIKON								
State Total								
Arizona	-	-	-	-	-	-	3	3
Counties								
Santa Cruz	-	-	-	-	-	-	3	3

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
EGGPLANT								
State Total								
Arizona	10	2	-	-	10	2	17	4
Counties								
Cochise	3	1	-	-	3	1	-	-
Coconino	1	(D)	-	-	1	(D)	-	-
Gila	2	(D)	-	-	2	(D)	-	-
Graham	-	-	-	-	-	-	1	(D)
Maricopa	-	-	-	-	-	-	6	3
Pima	2	(D)	-	-	2	(D)	2	(D)
Pinal	1	(D)	-	-	1	(D)	8	(D)
Yavapai	1	(D)	-	-	1	(D)	-	-
ESCAROLE AND ENDIVE								
State Total								
Arizona	2	(D)	-	-	2	(D)	7	260
Counties								
Maricopa	-	-	-	-	-	-	3	(D)
Yuma	2	(D)	-	-	2	(D)	4	(D)
GARLIC								
State Total								
Arizona	20	647	4	(D)	16	(D)	12	5
Counties								
Cochise	6	(D)	2	(D)	4	(D)	3	3
Gila	2	(D)	-	-	2	(D)	-	-
Graham	4	1	-	-	4	1	-	(D)
La Paz	4	(D)	2	(D)	2	-	1	-
Navajo	1	(D)	-	-	1	(D)	-	-
Pima	1	(D)	-	-	1	(D)	6	(D)
Pinal	1	(D)	-	-	1	(D)	2	(D)
Yavapai	1	(D)	-	-	1	(D)	-	-
HERBS, FRESH CUT								
State Total								
Arizona	13	264	(X)	(X)	13	264	12	147
Counties								
Apache	1	(D)	(X)	(X)	1	(D)	4	(D)
Coconino	1	(D)	(X)	(X)	1	(D)	-	-
Gila	2	(D)	(X)	(X)	2	(D)	-	-
Maricopa	1	(D)	(X)	(X)	1	(D)	2	(D)
Navajo	2	(D)	(X)	(X)	2	(D)	-	-
Pima	1	(D)	(X)	(X)	1	(D)	1	(D)
Pinal	1	(D)	(X)	(X)	1	(D)	1	(D)
Yavapai	1	(D)	(X)	(X)	1	(D)	2	(D)
Yuma	3	(D)	(X)	(X)	3	(D)	2	(D)
HONEYDEW MELONS								
State Total								
Arizona	27	3,132	-	-	27	3,132	22	2,181
Counties								
Apache	4	1	-	-	4	1	-	-
Cochise	2	(D)	-	-	2	(D)	5	3
Coconino	1	(D)	-	-	1	(D)	-	-
Gila	2	(D)	-	-	2	(D)	-	-
La Paz	1	(D)	-	-	1	(D)	2	(D)
Maricopa	1	(D)	-	-	1	(D)	4	(D)
Navajo	6	2	-	-	6	2	-	-
Pima	2	(D)	-	-	2	(D)	1	(D)
Pinal	3	(D)	-	-	3	(D)	4	528
Yuma	5	298	-	-	5	298	6	338
KALE								
State Total								
Arizona	3	(D)	-	-	3	(D)	8	143
Counties								
Cochise	2	(D)	-	-	2	(D)	-	-
Maricopa	-	-	-	-	-	-	3	(D)
Santa Cruz	-	-	-	-	-	-	3	3
Yuma	1	(D)	-	-	1	(D)	2	(D)

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
LETTUCE, ALL								
State Total								
Arizona	84	66,820	(X)	(X)	84	66,820	103	72,022
Counties								
Apache	11	3	(X)	(X)	11	3	1	(D)
Cochise	1	(D)	(X)	(X)	1	(D)	1	(D)
Coconino	1	(D)	(X)	(X)	1	(D)	-	-
Gila	2	(D)	(X)	(X)	2	(D)	-	-
Graham	-	-	(X)	(X)	-	-	2	(D)
La Paz	2	(D)	(X)	(X)	2	(D)	-	-
Maricopa	12	(D)	(X)	(X)	12	(D)	11	(D)
Navajo	1	(D)	(X)	(X)	1	(D)	-	-
Pima	5	2	(X)	(X)	5	2	13	(D)
Pinal	3	1	(X)	(X)	3	1	10	470
Santa Cruz	-	-	(X)	(X)	-	-	3	3
Yavapai	1	(D)	(X)	(X)	1	(D)	3	(Z)
Yuma	45	66,194	(X)	(X)	45	66,194	59	71,059
LETTUCE, HEAD								
State Total								
Arizona	64	39,187	(X)	(X)	64	39,187	68	50,856
Counties								
Apache	10	(D)	(X)	(X)	10	(D)	-	-
Coconino	1	(D)	(X)	(X)	1	(D)	-	-
Graham	-	-	(X)	(X)	-	-	2	(D)
La Paz	1	(D)	(X)	(X)	1	(D)	-	-
Maricopa	8	(D)	(X)	(X)	8	(D)	2	(D)
Pima	2	(D)	(X)	(X)	2	(D)	7	(D)
Pinal	-	-	(X)	(X)	-	-	4	380
Yuma	42	(D)	(X)	(X)	42	(D)	53	50,101
LETTUCE, LEAF								
State Total								
Arizona	45	10,472	(X)	(X)	45	10,472	54	7,901
Counties								
Apache	2	(D)	(X)	(X)	2	(D)	1	(D)
Cochise	1	(D)	(X)	(X)	1	(D)	1	(D)
Coconino	1	(D)	(X)	(X)	1	(D)	-	-
Gila	2	(D)	(X)	(X)	2	(D)	-	-
Maricopa	11	35	(X)	(X)	11	35	10	(D)
Navajo	1	(D)	(X)	(X)	1	(D)	-	-
Pima	2	(D)	(X)	(X)	2	(D)	6	2
Pinal	3	(D)	(X)	(X)	3	(D)	7	(D)
Yavapai	1	(D)	(X)	(X)	1	(D)	-	-
Yuma	21	(D)	(X)	(X)	21	(D)	29	(D)
LETTUCE, ROMAINE								
State Total								
Arizona	41	17,161	(X)	(X)	41	17,161	39	13,265
Counties								
Apache	1	(D)	(X)	(X)	1	(D)	-	-
Coconino	1	(D)	(X)	(X)	1	(D)	-	-
La Paz	1	(D)	(X)	(X)	1	(D)	-	-
Maricopa	9	(D)	(X)	(X)	9	(D)	1	(D)
Pima	2	(D)	(X)	(X)	2	(D)	-	-
Pinal	2	(D)	(X)	(X)	2	(D)	2	(D)
Santa Cruz	-	-	(X)	(X)	-	-	3	3
Yavapai	-	-	(X)	(X)	-	-	3	(Z)
Yuma	25	16,909	(X)	(X)	25	16,909	30	(D)
MUSTARD GREENS								
State Total								
Arizona	8	277	-	-	8	277	4	122
Counties								
Gila	2	(D)	-	-	2	(D)	-	-
Maricopa	2	(D)	-	-	2	(D)	3	(D)
Pima	1	(D)	-	-	1	(D)	1	(D)
Pinal	1	(D)	-	-	1	(D)	-	-
Yuma	2	(D)	-	-	2	(D)	-	-

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
OKRA								
State Total								
Arizona	15	4	-	-	15	4	23	10
Counties								
Apache	-	-	-	-	-	-	1	(D)
Cochise	4	(Z)	-	-	4	(Z)	-	-
Gila	2	(D)	-	-	2	(D)	-	-
Graham	2	(D)	-	-	2	(D)	1	(D)
Maricopa	1	(D)	-	-	1	(D)	3	(D)
Navajo	3	(Z)	-	-	3	(Z)	-	-
Pima	1	(D)	-	-	1	(D)	6	2
Pinal	1	(D)	-	-	1	(D)	1	(D)
Santa Cruz	1	(D)	-	-	1	(D)	3	3
Yavapai	-	-	-	-	-	-	8	4
ONIONS, DRY								
State Total								
Arizona	65	1,035	3	500	62	535	24	1,468
Counties								
Apache	26	5	-	-	26	5	-	-
Cochise	3	(D)	-	-	3	(D)	2	(D)
Coconino	5	1	-	-	5	1	-	-
Graham	2	(D)	-	-	2	(D)	1	(D)
La Paz	3	500	3	500	-	-	3	820
Maricopa	5	(D)	-	-	5	(D)	9	(D)
Navajo	18	5	-	-	18	5	-	-
Pima	-	-	-	-	-	-	6	2
Pinal	-	-	-	-	-	-	2	(D)
Santa Cruz	1	(D)	-	-	1	(D)	-	-
Yavapai	2	(D)	-	-	2	(D)	1	(D)
ONIONS, GREEN								
State Total								
Arizona	35	(D)	-	-	35	(D)	16	28
Counties								
Apache	6	2	-	-	6	2	4	2
Cochise	1	(D)	-	-	1	(D)	-	-
Coconino	2	(D)	-	-	2	(D)	1	(D)
Gila	2	(D)	-	-	2	(D)	-	-
Graham	1	(D)	-	-	1	(D)	-	-
Maricopa	5	8	-	-	5	8	6	23
Navajo	11	3	-	-	11	3	-	-
Pima	2	(D)	-	-	2	(D)	-	-
Pinal	1	(D)	-	-	1	(D)	5	(D)
Santa Cruz	1	(D)	-	-	1	(D)	-	-
Yavapai	2	(D)	-	-	2	(D)	-	-
Yuma	1	(D)	-	-	1	(D)	-	-
PARSLEY								
State Total								
Arizona	10	55	-	-	10	55	8	110
Counties								
Gila	2	(D)	-	-	2	(D)	-	-
Maricopa	2	(D)	-	-	2	(D)	4	63
Pima	1	(D)	-	-	1	(D)	-	-
Pinal	1	(D)	-	-	1	(D)	-	-
Yuma	4	29	-	-	4	29	4	47
PEAS, CHINESE (SUGAR AND SNOW)								
State Total								
Arizona	3	(Z)	-	-	3	(Z)	11	5
Counties								
Apache	-	-	-	-	-	-	1	(D)
Cochise	2	(D)	-	-	2	(D)	-	-
Graham	1	(D)	-	-	1	(D)	-	-
Maricopa	-	-	-	-	-	-	3	3
Pima	-	-	-	-	-	-	7	(D)

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
PEAS, GREEN (EXCLUDING SOUTHERN)								
State Total								
Arizona	10	1	-	-	10	1	-	-
Counties								
Apache	4	(Z)	-	-	4	(Z)	-	-
Cochise	2	(D)	-	-	2	(D)	-	-
Navajo	1	(D)	-	-	1	(D)	-	-
Pima	1	(D)	-	-	1	(D)	-	-
Pinal	2	(D)	-	-	2	(D)	-	-
PEAS, GREEN SOUTHERN (COWPEAS) - BLACKKEYED, CROWDER, ETC.								
State Total								
Arizona	2	(D)	-	-	2	(D)	4	(D)
Counties								
Cochise	2	(D)	-	-	2	(D)	-	-
Graham	-	-	-	-	-	-	1	(D)
Maricopa	-	-	-	-	-	-	2	(D)
Yuma	-	-	-	-	-	-	1	(D)
PEPPERS, BELL (EXCLUDING PIMIENTOS) (SEE TEXT)								
State Total								
Arizona	24	(D)	-	-	24	(D)	19	7
Counties								
Apache	4	1	-	-	4	1	-	-
Cochise	3	(D)	-	-	3	(D)	1	(D)
Coconino	1	(D)	-	-	1	(D)	-	-
Gila	2	(D)	-	-	2	(D)	-	-
Maricopa	-	-	-	-	-	-	2	(D)
Mohave	1	(D)	-	-	1	(D)	-	-
Navajo	2	(D)	-	-	2	(D)	-	-
Pima	2	(D)	-	-	2	(D)	5	1
Pinal	1	(D)	-	-	1	(D)	-	-
Yavapai	8	1	-	-	8	1	10	5
Yuma	-	-	-	-	-	-	1	(D)
PEPPERS OTHER THAN BELL (INCLUDING CHILE) (SEE TEXT)								
State Total								
Arizona	155	3,627	13	(D)	146	(D)	58	4,955
Counties								
Apache	48	18	3	2	48	16	6	5
Cochise	15	2,677	7	(D)	9	(D)	30	4,005
Coconino	14	3	-	-	14	3	1	(D)
Gila	8	3	-	-	8	3	-	-
Graham	4	(D)	1	(D)	3	1	1	(D)
Greenlee	-	-	-	-	-	-	1	(D)
La Paz	-	-	-	-	-	-	1	(D)
Maricopa	3	(D)	1	(D)	2	(D)	-	-
Navajo	52	14	-	-	52	14	-	-
Pima	1	(D)	-	-	1	(D)	2	(D)
Pinal	2	(D)	1	(D)	1	(D)	4	(D)
Santa Cruz	3	2	-	-	3	2	-	-
Yavapai	4	4	-	-	4	4	11	3
Yuma	1	(D)	-	-	1	(D)	1	(D)
POTATOES (SEE TEXT)								
State Total								
Arizona	123	3,972	1	(D)	122	(D)	22	7,679
Counties								
Apache	55	48	-	-	55	48	-	-
Cochise	7	4	-	-	7	4	4	(D)
Coconino	6	3	-	-	6	3	-	-
Gila	6	2	-	-	6	2	-	-
Greenlee	-	-	-	-	-	-	1	(D)
Maricopa	6	(D)	-	-	6	(D)	10	(D)
Mohave	1	(D)	-	-	1	(D)	1	(D)
Navajo	40	23	-	-	40	23	-	-
Pinal	2	(D)	1	(D)	1	(D)	5	3,331
Yuma	-	-	-	-	-	-	1	(D)

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
PUMPKINS								
State Total								
Arizona	234	593	-	-	234	593	29	565
Counties								
Apache	86	51	-	-	86	51	4	2
Cochise	6	49	-	-	6	49	12	(D)
Coconino	68	33	-	-	68	33	-	-
Graham	2	(D)	-	-	2	(D)	2	(D)
Greenlee	1	(D)	-	-	1	(D)	1	(D)
Maricopa	-	-	-	-	-	-	1	(D)
Mohave	-	-	-	-	-	-	1	(D)
Navajo	65	24	-	-	65	24	-	-
Pima	1	(D)	-	-	1	(D)	1	(D)
Pinal	1	(D)	-	-	1	(D)	-	-
Santa Cruz	-	-	-	-	-	-	3	24
Yavapai	4	7	-	-	4	7	4	(D)
RADISHES								
State Total								
Arizona	15	(D)	-	-	15	(D)	4	(D)
Counties								
Apache	5	1	-	-	5	1	-	-
Cochise	1	(D)	-	-	1	(D)	-	-
Coconino	1	(D)	-	-	1	(D)	-	-
Gila	2	(D)	-	-	2	(D)	-	-
Maricopa	1	(D)	-	-	1	(D)	4	(D)
Navajo	3	(Z)	-	-	3	(Z)	-	-
Pima	1	(D)	-	-	1	(D)	-	-
Pinal	1	(D)	-	-	1	(D)	-	-
RHUBARB								
State Total								
Arizona	2	(D)	-	-	2	(D)	2	(D)
Counties								
Cochise	2	(D)	-	-	2	(D)	2	(D)
SPINACH								
State Total								
Arizona	19	3,639	-	-	19	3,639	29	4,099
Counties								
Cochise	2	(D)	-	-	2	(D)	-	-
Maricopa	2	(D)	-	-	2	(D)	5	(D)
Navajo	3	1	-	-	3	1	-	-
Pima	1	(D)	-	-	1	(D)	5	(D)
Pinal	3	(D)	-	-	3	(D)	8	(D)
Yuma	8	2,313	-	-	8	2,313	11	2,859
SQUASH, ALL (SEE TEXT)								
State Total								
Arizona	1,253	689	-	-	1,253	689	49	324
Counties								
Apache	546	339	-	-	546	339	4	1
Cochise	11	44	-	-	11	44	17	292
Coconino	169	59	-	-	169	59	1	(D)
Gila	8	3	-	-	8	3	-	-
Graham	3	1	-	-	3	1	1	(D)
Maricopa	2	(D)	-	-	2	(D)	8	5
Mohave	1	(D)	-	-	1	(D)	1	(D)
Navajo	498	223	-	-	498	223	1	(D)
Pima	3	7	-	-	3	7	2	(D)
Pinal	3	(D)	-	-	3	(D)	-	-
Santa Cruz	1	(D)	-	-	1	(D)	-	-
Yavapai	8	5	-	-	8	5	13	12
Yuma	-	-	-	-	-	-	1	(D)

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
SQUASH, SUMMER (SEE TEXT)								
State Total								
Arizona	1,185	642	-	-	1,185	642	(NA)	(NA)
Counties								
Apache	527	329	-	-	527	329	(NA)	(NA)
Cochise	8	39	-	-	8	39	(NA)	(NA)
Coconino	157	54	-	-	157	54	(NA)	(NA)
Gila	8	3	-	-	8	3	(NA)	(NA)
Graham	3	(D)	-	-	3	(D)	(NA)	(NA)
Maricopa	2	(D)	-	-	2	(D)	(NA)	(NA)
Mohave	1	(D)	-	-	1	(D)	(NA)	(NA)
Navajo	466	201	-	-	466	201	(NA)	(NA)
Pima	3	7	-	-	3	7	(NA)	(NA)
Pinal	3	(D)	-	-	3	(D)	(NA)	(NA)
Santa Cruz	1	(D)	-	-	1	(D)	(NA)	(NA)
Yavapai	6	(D)	-	-	6	(D)	(NA)	(NA)
SQUASH, WINTER (SEE TEXT)								
State Total								
Arizona	79	47	-	-	79	47	(NA)	(NA)
Counties								
Apache	19	10	-	-	19	10	(NA)	(NA)
Cochise	7	5	-	-	7	5	(NA)	(NA)
Coconino	12	5	-	-	12	5	(NA)	(NA)
Graham	1	(D)	-	-	1	(D)	(NA)	(NA)
Mohave	1	(D)	-	-	1	(D)	(NA)	(NA)
Navajo	32	22	-	-	32	22	(NA)	(NA)
Yavapai	7	(D)	-	-	7	(D)	(NA)	(NA)
SWEET CORN								
State Total								
Arizona	2,172	4,813	-	-	2,172	4,813	50	1,670
Counties								
Apache	1,025	2,793	-	-	1,025	2,793	1	(D)
Cochise	15	68	-	-	15	68	16	371
Coconino	310	531	-	-	310	531	1	(D)
Gila	6	2	-	-	6	2	-	-
Graham	2	(D)	-	-	2	(D)	-	-
Maricopa	6	42	-	-	6	42	12	135
Mohave	-	-	-	-	-	-	2	(D)
Navajo	800	1,284	-	-	800	1,284	4	44
Pima	2	(D)	-	-	2	(D)	-	-
Pinal	2	(D)	-	-	2	(D)	4	1,018
Yavapai	3	(D)	-	-	3	(D)	9	(D)
Yuma	1	(D)	-	-	1	(D)	1	(D)
SWEET POTATOES (SEE TEXT)								
State Total								
Arizona	1	(D)	-	-	1	(D)	-	-
Counties								
Pima	1	(D)	-	-	1	(D)	-	-
TOMATOES IN THE OPEN (SEE TEXT)								
State Total								
Arizona	199	65	-	-	199	65	80	38
Counties								
Apache	63	19	-	-	63	19	3	1
Cochise	14	7	-	-	14	7	6	3
Coconino	14	2	-	-	14	2	5	1
Gila	8	3	-	-	8	3	1	(D)
Graham	4	1	-	-	4	1	1	(D)
Maricopa	11	4	-	-	11	4	18	12
Mohave	1	(D)	-	-	1	(D)	1	(D)
Navajo	58	15	-	-	58	15	1	(D)
Pima	7	2	-	-	7	2	14	3
Pinal	3	1	-	-	3	1	10	3
Santa Cruz	2	(D)	-	-	2	(D)	3	3
Yavapai	13	8	-	-	13	8	16	4
Yuma	1	(D)	-	-	1	(D)	1	(D)

See footnote(s) at end of table.

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Table 30. Vegetables, Potatoes, and Melons Harvested for Sale: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	2007						2002 harvested	
	Harvested		Harvested for processing		Harvested for fresh market		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres		
TURNIPS								
State Total								
Arizona	12	2	-	-	12	2	1	(D)
Counties								
Cochise	1	(D)	-	-	1	(D)	-	-
Gila	2	(D)	-	-	2	(D)	-	-
Maricopa	3	1	-	-	3	1	-	-
Navajo	1	(D)	-	-	1	(D)	-	-
Pima	1	(D)	-	-	1	(D)	-	-
Pinal	3	(Z)	-	-	3	(Z)	1	(D)
Santa Cruz	1	(D)	-	-	1	(D)	-	-
TURNIP GREENS								
State Total								
Arizona	7	(D)	-	-	7	(D)	4	120
Counties								
Gila	2	(D)	-	-	2	(D)	-	-
Maricopa	2	(D)	-	-	2	(D)	3	(D)
Pima	1	(D)	-	-	1	(D)	-	-
Pinal	1	(D)	-	-	1	(D)	1	(D)
Yuma	1	(D)	-	-	1	(D)	-	-
WATERCRESS								
State Total								
Arizona	2	(D)	-	-	2	(D)	-	-
Counties								
Apache	1	(D)	-	-	1	(D)	-	-
Navajo	1	(D)	-	-	1	(D)	-	-
WATERMELONS								
State Total								
Arizona	1,450	6,295	-	-	1,450	6,295	68	5,541
Counties								
Apache	609	342	-	-	609	342	3	1
Cochise	11	(D)	-	-	11	(D)	16	255
Coconino	232	106	-	-	232	106	1	(D)
Gila	2	(D)	-	-	2	(D)	-	-
Graham	3	(D)	-	-	3	(D)	1	(D)
La Paz	1	(D)	-	-	1	(D)	2	(D)
Maricopa	3	(D)	-	-	3	(D)	11	2,047
Mohave	-	-	-	-	-	-	1	(D)
Navajo	561	266	-	-	561	266	-	-
Pima	4	7	-	-	4	7	4	(Z)
Pinal	13	1,714	-	-	13	1,714	17	1,635
Santa Cruz	1	(D)	-	-	1	(D)	-	-
Yavapai	3	(D)	-	-	3	(D)	6	(D)
Yuma	7	2,005	-	-	7	2,005	6	(D)
VEGETABLES, OTHER (SEE TEXT)								
State Total								
Arizona	41	(D)	-	-	41	(D)	14	1,884
Counties								
Apache	1	(D)	-	-	1	(D)	-	-
Cochise	6	2	-	-	6	2	2	(D)
Coconino	4	3	-	-	4	3	-	-
La Paz	1	(D)	-	-	1	(D)	-	-
Maricopa	4	(D)	-	-	4	(D)	4	490
Navajo	15	12	-	-	15	12	3	(D)
Pima	2	(D)	-	-	2	(D)	-	-
Pinal	1	(D)	-	-	1	(D)	-	-
Yavapai	4	9	-	-	4	9	1	(D)
Yuma	3	(D)	-	-	3	(D)	4	1,388

¹ 2002 data do not include potatoes, sweet potatoes, or ginseng.

Table 31. Land in Orchards: 2007 and 2002

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

Geographic area	2007				2002			
	Total		Irrigated		Total		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
STATE TOTAL								
Arizona	1,527	37,200	1,259	37,022	1,504	63,180	1,504	63,180
COUNTIES								
Apache	385	395	249	285	27	31	27	31
Cochise	136	6,100	136	6,100	244	9,766	244	9,766
Coconino	128	75	86	61	17	50	17	50
Gila	12	65	12	65	18	134	18	134
Graham	36	(D)	36	(D)	84	1,161	84	1,161
Greenlee	9	43	9	43	16	34	16	34
La Paz	2	(D)	2	(D)	-	-	-	-
Maricopa	180	4,080	180	4,080	468	10,832	468	10,832
Mohave	20	102	20	102	35	(D)	35	(D)
Navajo	278	363	188	307	23	47	23	47
Pima	18	(D)	18	(D)	53	(D)	53	(D)
Pinal	29	(D)	29	(D)	89	(D)	89	(D)
Santa Cruz	11	109	11	109	21	244	21	244
Yavapai	88	371	88	371	118	463	118	463
Yuma	195	15,916	195	15,916	291	23,717	291	23,717

Table 32. Fruits and Nuts: 2007 and 2002

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Number	Farms	Number
NONCITRUS, ALL (SEE TEXT)						
State Total						
Arizona	1,005	5,029	883	3,970	219	1,059
2002	434	7,699	289	6,183	237	1,516
Counties, 2007						
Apache	384	(D)	333	227	60	(D)
Cochise	45	372	38	269	23	103
Coconino	127	(D)	125	69	5	(D)
Gila	11	(D)	9	47	4	(D)
Graham	14	1,023	13	985	9	38
Greenlee	5	8	5	6	4	2
La Paz	1	(D)	1	(D)	-	-
Maricopa	32	(D)	30	771	8	(D)
Mohave	14	57	6	32	8	25
Navajo	275	(D)	247	152	52	(D)
Pima	7	16	5	(D)	3	(D)
Pinal	10	(D)	9	(D)	2	(D)
Santa Cruz	10	(D)	10	59	7	(D)
Yavapai	54	(D)	37	(D)	28	95
Yuma	16	(D)	15	(D)	6	(D)
APPLES						
State Total						
Arizona	496	1,344	424	1,249	111	95
2002	185	1,581	118	1,459	103	122
Counties, 2007						
Apache	223	96	191	78	35	18
Cochise	28	139	24	116	15	23
Coconino	55	31	52	(D)	4	(D)
Gila	11	48	9	(D)	4	(D)
Graham	8	904	8	889	6	14
Greenlee	4	(D)	4	(D)	4	1
Maricopa	8	10	7	(D)	2	(D)
Mohave	4	17	1	(D)	3	(D)
Navajo	124	47	108	34	21	13
Pima	1	(D)	1	(D)	-	-
Pinal	1	(D)	1	(D)	-	-
Santa Cruz	4	11	4	(D)	3	(D)
Yavapai	24	25	13	18	14	7
Yuma	1	(D)	1	(D)	-	-
APRICOTS						
State Total						
Arizona	382	127	337	106	50	21
2002	90	34	53	25	42	9
Counties, 2007						
Apache	168	60	154	50	14	10
Cochise	3	(D)	1	(D)	2	(D)
Coconino	63	13	61	(D)	2	(D)
Maricopa	5	13	4	(D)	1	(D)
Mohave	1	(D)	-	-	1	(D)
Navajo	126	33	109	26	19	7
Santa Cruz	1	(D)	1	(D)	1	(D)
Yavapai	15	7	7	4	10	3
AVOCADOS						
State Total						
Arizona	1	(D)	-	-	1	(D)
2002	-	-	-	-	-	-
Counties, 2007						
Mohave	1	(D)	-	-	1	(D)
CHERRIES, SWEET						
State Total						
Arizona	63	59	48	54	20	5
2002	23	57	20	57	3	(Z)
Counties, 2007						
Apache	31	(D)	27	5	5	(D)
Cochise	5	(D)	2	(D)	3	2
Coconino	4	(Z)	4	(Z)	-	-
Gila	2	(D)	2	(D)	2	(D)
Graham	2	(D)	2	(D)	-	-
Mohave	1	(D)	-	-	1	(D)
Navajo	10	3	9	(D)	1	(D)
Yavapai	8	3	2	(D)	8	(D)

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Table 32. Fruits and Nuts: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Number	Farms	Number
CHERRIES, TART						
State Total						
Arizona	33	14	19	9	15	5
..... 2007	1	(D)	-	-	1	(D)
..... 2002						
Counties, 2007						
Apache	18	7	10	4	8	3
Cochise	2	(D)	-	-	2	(D)
Coconino	6	1	6	1	-	-
Graham	1	(D)	1	(D)	-	-
Navajo	4	1	1	(D)	3	(D)
Santa Cruz	1	(D)	1	(D)	1	(D)
Yavapai	1	(D)	-	-	1	(D)
DATES						
State Total						
Arizona	17	1,354	16	(D)	7	(D)
..... 2007	41	1,397	37	873	28	525
..... 2002						
Counties, 2007						
Maricopa	5	(D)	5	31	1	(D)
Yuma	12	(D)	11	(D)	6	(D)
FIGS						
State Total						
Arizona	7	(D)	5	(D)	2	(D)
..... 2007	13	5	13	5	6	1
..... 2002						
Counties, 2007						
Maricopa	1	(D)	1	(D)	-	-
Mohave	1	(D)	-	-	1	(D)
Yavapai	5	2	4	(D)	1	(D)
GRAPES						
State Total						
Arizona	127	400	101	229	44	171
..... 2007	135	3,337	97	2,563	62	774
..... 2002						
Counties, 2007						
Apache	18	3	15	2	3	(Z)
Cochise	7	135	5	82	5	53
Coconino	14	(D)	14	(D)	-	-
Gila	2	(D)	2	(D)	-	-
Graham	1	(D)	1	(D)	1	(D)
Greenlee	1	(D)	-	-	1	(D)
Maricopa	2	(D)	1	(D)	1	(D)
Mohave	1	(D)	-	-	1	(D)
Navajo	44	12	39	12	7	1
Pima	5	14	3	(D)	3	(D)
Santa Cruz	5	70	5	47	4	24
Yavapai	27	99	16	32	18	67
NECTARINES						
State Total						
Arizona	12	2	10	(D)	2	(D)
..... 2007	22	(D)	9	2	13	(D)
..... 2002						
Counties, 2007						
Apache	3	(D)	3	(D)	-	-
Coconino	1	(D)	1	(D)	-	-
Maricopa	5	1	4	(D)	1	(D)
Navajo	1	(D)	1	(D)	-	-
Santa Cruz	1	(D)	-	-	1	(D)
Yavapai	1	(D)	1	(D)	-	-
OLIVES						
State Total						
Arizona	5	(D)	4	(D)	2	(D)
..... 2007	-	-	-	-	-	-
..... 2002						
Counties, 2007						
Maricopa	4	(D)	3	(D)	2	(D)
Pinal	1	(D)	1	(D)	-	-

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Table 32. Fruits and Nuts: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres		
	Farms	Acres	Farms	Number	Farms	Number	
PEACHES, ALL (SEE TEXT)							
State Total							
Arizona	2007	68	215	39	156	39	60
2002	142	(D)	87	146	69	(D)	
Counties, 2007							
Apache	5	2	5	(D)	1	(D)	
Cochise	11	30	7	20	5	10	
Graham	6	35	5	(D)	2	(D)	
Greenlee	4	1	1	(D)	3	(D)	
Maricopa	6	(D)	5	(D)	4	3	
Mohave	5	17	2	(D)	3	(D)	
Navajo	4	(D)	1	(D)	3	(Z)	
Pima	2	(D)	2	(D)	-	-	
Pinal	3	(D)	2	(D)	2	(D)	
Santa Cruz	2	(D)	1	(D)	2	(D)	
Yavapai	19	17	7	7	14	9	
Yuma	1	(D)	1	(D)	-	-	
PEACHES, CLINGSTONE							
State Total							
Arizona	2007	33	106	19	89	18	17
2002	62	125	42	101	25	25	
Counties, 2007							
Apache	3	(D)	3	(D)	-	-	
Cochise	7	7	5	(D)	2	(D)	
Graham	1	(D)	-	-	1	(D)	
Maricopa	4	(D)	4	(D)	3	(D)	
Mohave	5	(D)	2	(D)	3	(D)	
Santa Cruz	1	(D)	1	(D)	1	(D)	
Yavapai	11	6	3	3	8	3	
Yuma	1	(D)	1	(D)	-	-	
PEACHES, FREESTONE							
State Total							
Arizona	2007	47	109	23	67	31	42
2002	90	(D)	50	46	50	(D)	
Counties, 2007							
Apache	2	(D)	2	(D)	1	(D)	
Cochise	5	23	2	(D)	4	(D)	
Graham	5	(D)	5	(D)	1	(D)	
Greenlee	4	1	1	(D)	3	(D)	
Maricopa	2	(D)	1	(D)	1	(D)	
Mohave	3	(D)	-	-	3	(D)	
Navajo	4	(D)	1	(D)	3	(Z)	
Pima	2	(D)	2	(D)	-	-	
Pinal	3	(D)	2	(D)	2	(D)	
Santa Cruz	2	(D)	1	(D)	2	(D)	
Yavapai	15	11	6	5	11	6	
PEARS, ALL							
State Total							
Arizona	2007	107	53	86	40	27	12
2002	67	34	44	28	28	6	
Counties, 2007							
Apache	45	9	38	8	8	2	
Cochise	7	4	5	3	4	2	
Coconino	8	1	7	(D)	1	(D)	
Graham	2	(D)	1	(D)	1	(D)	
Greenlee	3	(D)	1	(D)	2	(D)	
Mohave	2	(D)	1	(D)	1	(D)	
Navajo	30	11	27	(D)	3	(D)	
Pinal	1	(D)	-	-	1	(D)	
Santa Cruz	2	(D)	2	(D)	1	(D)	
Yavapai	7	7	4	2	5	4	
PEARS, BARTLETT							
State Total							
Arizona	2007	40	19	38	(D)	2	(D)
2002	31	18	18	14	13	3	
Counties, 2007							
Apache	21	4	21	4	-	-	
Coconino	5	(D)	5	(D)	-	-	
Graham	1	(D)	1	(D)	-	-	
Greenlee	2	(D)	-	-	2	(D)	
Navajo	10	4	10	4	-	-	
Yavapai	1	(D)	1	(D)	-	-	

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Table 32. Fruits and Nuts: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Number	Farms	Number
PEARS, OTHER						
State Total						
Arizona	69	34	50	(D)	25	(D)
2007						
2002	39	17	29	14	15	3
Counties, 2007						
Apache	25	6	18	4	8	2
Cochise	7	4	5	3	4	2
Coconino	3	(D)	2	(D)	1	(D)
Graham	1	(D)	-	-	1	(D)
Greenlee	1	(D)	1	(D)	-	-
Mohave	2	(D)	1	(D)	1	(D)
Navajo	20	7	17	(D)	3	(D)
Pinal	1	(D)	-	-	1	(D)
Santa Cruz	2	(D)	2	(D)	1	(D)
Yavapai	7	(D)	4	(D)	5	4
PERSIMMONS						
State Total						
Arizona	1	(D)	-	-	1	(D)
2007						
2002	12	18	4	(Z)	8	18
Counties, 2007						
Pinal	1	(D)	-	-	1	(D)
PLUMS AND PRUNES						
State Total						
Arizona	52	14	38	11	16	3
2007						
2002	48	19	20	(D)	33	(D)
Counties, 2007						
Apache	21	6	18	5	3	1
Cochise	3	(D)	1	(D)	2	(D)
Coconino	4	(Z)	4	(Z)	-	-
Graham	1	(D)	1	(D)	-	-
Navajo	9	1	7	(D)	2	(D)
Pinal	1	(D)	-	-	1	(D)
Yavapai	13	4	7	2	8	1
PLUMS						
State Total						
Arizona	52	14	38	11	16	3
2007						
2002	48	(D)	20	(D)	33	(D)
Counties, 2007						
Apache	21	6	18	5	3	1
Cochise	3	(D)	1	(D)	2	(D)
Coconino	4	(Z)	4	(Z)	-	-
Graham	1	(D)	1	(D)	-	-
Navajo	9	1	7	(D)	2	(D)
Pinal	1	(D)	-	-	1	(D)
Yavapai	13	4	7	2	8	1
POMEGRANATES						
State Total						
Arizona	11	24	5	(D)	6	(D)
2007						
2002	11	(D)	6	(D)	5	(D)
Counties, 2007						
Cochise	3	(D)	1	(D)	2	(D)
La Paz	1	(D)	1	(D)	-	-
Mohave	4	(D)	-	-	4	(D)
Navajo	1	(D)	1	(D)	-	-
Yavapai	1	(D)	1	(D)	-	-
Yuma	1	(D)	1	(D)	-	-
OTHER NONCITRUS FRUIT (SEE TEXT)						
State Total						
Arizona	549	275	491	232	68	43
2007						
2002	23	(D)	14	(D)	10	9
Counties, 2007						
Apache	219	86	189	73	32	13
Cochise	7	22	5	(D)	2	(D)
Coconino	91	19	90	(D)	1	(D)
Graham	1	(D)	1	(D)	-	-
Maricopa	11	24	11	24	-	-
Mohave	4	12	4	12	-	-
Navajo	195	84	175	68	28	17

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Table 32. Fruits and Nuts: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Number	Farms	Number
OTHER NONCITRUS FRUIT (SEE TEXT) - Con.						
Counties, 2007 - Con.						
Pima	1	(D)	1	(D)	-	-
Pinal	6	6	5	(D)	1	(D)
Santa Cruz	1	(D)	1	(D)	-	-
Yavapai	11	15	7	14	4	1
Yuma	2	(D)	2	(D)	-	-
CITRUS FRUIT, ALL						
State Total						
Arizona	329	18,261	315	17,564	61	697
2002	695	33,129	626	28,290	249	4,839
Counties, 2007						
Graham	2	(D)	2	(D)	1	(D)
Maricopa	129	2,124	126	2,042	15	83
Mohave	1	(D)	1	(D)	-	-
Navajo	4	(D)	3	(D)	2	(D)
Pima	3	7	3	(D)	1	(D)
Pinal	7	(D)	5	(D)	5	63
Yavapai	1	(D)	1	(D)	-	-
Yuma	182	14,551	174	14,006	37	545
GRAPEFRUIT						
State Total						
Arizona	63	537	61	520	7	17
2002	221	2,192	195	(D)	68	(D)
Counties, 2007						
Maricopa	50	(D)	49	(D)	5	(D)
Mohave	1	(D)	1	(D)	-	-
Pima	2	(D)	2	(D)	-	-
Pinal	2	(D)	1	(D)	1	(D)
Yuma	8	(D)	8	(D)	1	(D)
LEMONS						
State Total						
Arizona	172	12,891	165	12,369	32	522
2002	234	17,537	201	14,721	85	2,816
Counties, 2007						
Graham	1	(D)	1	(D)	1	(D)
Maricopa	23	331	22	(D)	4	(D)
Navajo	3	(D)	2	(D)	1	(D)
Pima	2	(D)	2	(D)	-	-
Pinal	5	(D)	4	150	3	(D)
Yuma	138	12,233	134	11,770	23	464
LIMES						
State Total						
Arizona	3	(D)	3	(D)	-	-
2002	26	(D)	26	(D)	-	-
Counties, 2007						
Maricopa	2	(D)	2	(D)	-	-
Yuma	1	(D)	1	(D)	-	-
ORANGES, ALL (SEE TEXT)						
State Total						
Arizona	163	2,616	152	2,526	26	91
2002	453	6,795	399	5,804	134	991
Counties, 2007						
Graham	1	(D)	1	(D)	-	-
Maricopa	110	1,458	107	(D)	12	(D)
Navajo	3	(D)	2	(D)	2	(D)
Pima	3	(D)	3	(D)	1	(D)
Pinal	6	(D)	4	(D)	3	(D)
Yavapai	1	(D)	1	(D)	-	-
Yuma	39	506	34	492	8	13

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Table 32. Fruits and Nuts: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Number	Farms	Number
VALENCIA ORANGES						
State Total						
Arizona	2007	80	71	855	14	43
	2002	245	234	2,474	49	689
Counties, 2007						
Maricopa		54	51	(D)	5	(D)
Navajo		2	1	(D)	2	(D)
Pima		1	1	(D)	1	(D)
Pinal		3	2	(D)	1	(D)
Yuma		20	16	(D)	5	(D)
OTHER ORANGES (SEE TEXT)						
State Total						
Arizona	2007	118	114	1,671	16	48
	2002	358	307	3,330	97	302
Counties, 2007						
Graham		1	1	(D)	-	-
Maricopa		84	83	1,002	10	30
Navajo		2	1	(D)	1	(D)
Pima		2	2	(D)	-	-
Pinal		5	4	(D)	2	(D)
Yavapai		1	1	(D)	-	-
Yuma		23	22	(D)	3	(D)
TANGELOS						
State Total						
Arizona	2007	65	62	(D)	10	(D)
	2002	106	102	(D)	18	(D)
Counties, 2007						
Maricopa		4	4	(D)	1	(D)
Mohave		1	1	(D)	-	-
Navajo		1	1	(D)	-	-
Pinal		1	1	(D)	-	-
Yuma		58	55	(D)	9	(D)
TANGERINES						
State Total						
Arizona	2007	36	35	(D)	4	(D)
	2002	83	83	2,605	7	685
Counties, 2007						
Maricopa		15	15	(D)	2	(D)
Navajo		1	1	(D)	-	-
Pima		2	2	(D)	-	-
Pinal		2	2	(D)	-	-
Yuma		16	15	(D)	2	(D)
OTHER CITRUS FRUIT (SEE TEXT)						
State Total						
Arizona	2007	1	1	(D)	-	-
	2002	16	11	(D)	6	(D)
Counties, 2007						
Maricopa		1	1	(D)	-	-
NUTS, ALL (SEE TEXT)						
State Total						
Arizona	2007	258	222	13,442	80	467
	2002	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 2007						
Apache		1	1	(D)	-	-
Cochise		106	96	5,399	29	329
Cocconino		1	1	(D)	-	-
Gila		3	1	(D)	2	(D)
Graham		23	22	233	7	(D)
Greenlee		8	7	(D)	2	(D)
La Paz		1	1	(D)	-	-
Maricopa		30	27	(D)	8	11
Mohave		7	5	37	3	(D)
Navajo		3	-	-	3	(D)
Pima		9	6	(D)	5	72
Pinal		15	11	(D)	4	(D)
Santa Cruz		2	2	(D)	1	(D)
Yavapai		47	40	171	16	12
Yuma		2	2	(D)	-	-

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Table 32. Fruits and Nuts: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Number	Farms	Number
ALMONDS						
State Total						
Arizona	16	6	6	(D)	11	(D)
2007						
2002	32	9	21	7	16	2
Counties, 2007						
Gila	2	(D)	-	-	2	(D)
Maricopa	2	(D)	2	(D)	-	-
Mohave	2	(D)	1	(D)	1	(D)
Navajo	2	(D)	-	-	2	(D)
Santa Cruz	1	(D)	1	(D)	1	(D)
Yavapai	7	3	2	(D)	5	(D)
PECANS, ALL (SEE TEXT)						
State Total						
Arizona	196	12,365	180	11,950	50	415
2007						
2002	466	18,811	404	16,226	178	2,586
Counties, 2007						
Apache	1	(D)	1	(D)	-	-
Cochise	79	4,632	72	4,329	20	304
Coconino	1	(D)	1	(D)	-	-
Gila	1	(D)	1	(D)	-	-
Graham	18	72	17	(D)	6	(D)
Greenlee	7	(D)	7	33	1	(D)
Maricopa	28	(D)	26	(D)	7	(D)
Mohave	4	37	4	(D)	1	(D)
Navajo	1	(D)	-	-	1	(D)
Pima	6	(D)	5	(D)	2	(D)
Pinal	13	(D)	11	(D)	2	(D)
Yavapai	35	178	33	169	10	9
Yuma	2	(D)	2	(D)	-	-
PECANS, IMPROVED (SEE TEXT)						
State Total						
Arizona	196	12,365	180	11,950	50	415
2007						
2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 2007						
Apache	1	(D)	1	(D)	-	-
Cochise	79	4,632	72	4,329	20	304
Coconino	1	(D)	1	(D)	-	-
Gila	1	(D)	1	(D)	-	-
Graham	18	72	17	(D)	6	(D)
Greenlee	7	(D)	7	33	1	(D)
Maricopa	28	(D)	26	(D)	7	(D)
Mohave	4	37	4	(D)	1	(D)
Navajo	1	(D)	-	-	1	(D)
Pima	6	(D)	5	(D)	2	(D)
Pinal	13	(D)	11	(D)	2	(D)
Yavapai	35	178	33	169	10	9
Yuma	2	(D)	2	(D)	-	-
PISTACHIOS						
State Total						
Arizona	50	1,523	41	1,479	18	44
2007						
2002	109	3,509	60	2,335	58	1,174
Counties, 2007						
Cochise	32	(D)	29	(D)	9	(D)
Graham	5	(D)	5	(D)	1	(D)
Greenlee	2	(D)	2	(D)	-	-
La Paz	1	(D)	1	(D)	-	-
Maricopa	2	(D)	1	(D)	1	(D)
Mohave	2	(D)	1	(D)	2	(D)
Pima	3	16	1	(D)	3	(D)
Pinal	2	(D)	-	-	2	(D)
Santa Cruz	1	(D)	1	(D)	-	-
WALNUTS, ENGLISH						
State Total						
Arizona	7	(D)	5	(D)	2	(D)
2007						
2002	15	34	3	(D)	12	(D)
Counties, 2007						
Cochise	2	(D)	1	(D)	1	(D)
Greenlee	1	(D)	-	-	1	(D)
Yavapai	4	(D)	4	(D)	-	-

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Table 32. Fruits and Nuts: 2007 and 2002 - Con.

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing age acres		Nonbearing age acres	
	Farms	Acres	Farms	Number	Farms	Number
OTHER NUTS (SEE TEXT)						
State Total						
Arizona	2	(D)	2	(D)	2	(D)
2007	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2002						
Counties, 2007						
Santa Cruz	1	(D)	1	(D)	1	(D)
Yavapai	1	(D)	1	(D)	1	(D)

Table 33. Land in Berries: 2007

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

Geographic area	Total		Irrigated	
	Farms	Acres	Farms	Acres
STATE TOTAL				
Arizona	33	15	16	(D)
COUNTIES				
Cochise	6	4	3	2
Gila	3	(D)	1	(D)
Maricopa	4	2	2	(D)
Navajo	3	(D)	2	(D)
Pima	3	(D)	1	(D)
Yavapai	13	5	7	2
Yuma	1	(D)	-	-

Table 34. Berries: 2007 and 2002

[Totals may not add due to rounding. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Harvested		Not harvested	
	Farms	Acres	Farms	Acres	Farms	Acres
BLACKBERRIES AND DEWBERRIES						
State Total						
Arizona .....2007	17	10	13	7	5	2
.....2002	(NA)	(NA)	13	6	(NA)	(NA)
Counties, 2007						
Cochise	2	(D)	2	(D)	-	-
Gila	1	(D)	-	-	1	(D)
Maricopa	2	(D)	1	(D)	1	(D)
Navajo	1	(D)	1	(D)	1	(D)
Pima	2	(D)	1	(D)	1	(D)
Yavapai	8	(D)	7	4	1	(D)
Yuma	1	(D)	1	(D)	-	-
BLUEBERRIES, TAME						
State Total						
Arizona .....2007	3	1	-	-	3	1
.....2002	(NA)	(NA)	-	-	(NA)	(NA)
Counties, 2007						
Gila	2	(D)	-	-	2	(D)
Navajo	1	(D)	-	-	1	(D)
BOYSENBERRIES						
State Total						
Arizona .....2007	3	1	3	1	-	-
.....2002	(NA)	(NA)	-	-	(NA)	(NA)
Counties, 2007						
Cochise	3	1	3	1	-	-
RASPBERRIES, ALL						
State Total						
Arizona .....2007	5	1	4	(D)	1	(D)
.....2002	(NA)	(NA)	-	-	(NA)	(NA)
Counties, 2007						
Cochise	4	(D)	3	(D)	1	(D)
Maricopa	1	(D)	1	(D)	-	-
STRAWBERRIES						
State Total						
Arizona .....2007	9	3	8	(D)	1	(D)
.....2002	(NA)	(NA)	4	(Z)	(NA)	(NA)
Counties, 2007						
Cochise	4	(D)	3	(Z)	1	(D)
Maricopa	1	(D)	1	(D)	-	-
Navajo	2	(D)	2	(D)	-	-
Yavapai	2	(D)	2	(D)	-	-
OTHER BERRIES						
State Total						
Arizona .....2007	4	(Z)	4	(Z)	-	-
.....2002	(NA)	(NA)	-	-	(NA)	(NA)
Counties, 2007						
Pima	1	(D)	1	(D)	-	-
Yavapai	3	(D)	3	(D)	-	-

Table 35. Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials Grown for Sale: 2007 and 2002

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

Geographic area	2007					2002		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
AQUATIC PLANTS								
State Total								
Arizona	3	(D)	-	3	(D)	8	-	11
Counties								
Maricopa	2	(D)	-	2	(D)	8	-	11
Navajo	1	(D)	-	1	(D)	-	-	-
BULBS, CORMS, RHIZOMES, AND TUBERS - DRY								
State Total								
Arizona	4	2,000	1	4	3,160	3	-	(D)
Counties								
Maricopa	1	-	(D)	1	(D)	2	-	(D)
Navajo	2	(D)	(D)	2	(D)	1	-	(D)
Yavapai	1	(D)	-	1	(D)	-	-	-
CUTTINGS, SEEDLINGS, LINERS, AND PLUGS								
State Total								
Arizona	7	(D)	(D)	7	(D)	(NA)	(NA)	(NA)
Counties								
Maricopa	5	(D)	(D)	5	(D)	(NA)	(NA)	(NA)
Pima	1	(D)	-	1	(D)	(NA)	(NA)	(NA)
Pinal	1	(D)	-	1	(D)	(NA)	(NA)	(NA)
FLORICULTURE CROPS - BEDDING/GARDEN PLANTS, CUT FLOWERS AND CUT FLORIST GREENS, FOLIAGE PLANTS, POTTED FLOWERING PLANTS, AND OTHER FLORICULTURE AND BEDDING CROPS, TOTAL								
State Total								
Arizona	98	1,184,278	581	98	(D)	110	4,539,020	550
Counties								
Apache	2	(D)	(D)	2	(D)	-	-	-
Cochise	3	(D)	(D)	3	(D)	3	(D)	-
Cocconino	3	(D)	(D)	3	10,400	5	(D)	(D)
Gila	5	1,340	(D)	5	(D)	-	-	-
Graham	-	-	-	-	-	1	(D)	-
Maricopa	32	299,308	149	32	(D)	53	2,034,684	321
Mohave	5	-	3	5	(D)	1	-	(D)
Navajo	-	-	-	-	-	1	(D)	-
Pima	24	(D)	14	24	3,122,851	23	1,767,882	64
Pinal	3	(D)	5	3	(D)	9	(D)	7
Santa Cruz	1	-	(D)	1	(D)	-	-	-
Yavapai	16	(D)	36	16	(D)	10	(D)	(D)
Yuma	4	-	(D)	4	103,000	4	-	133
BEDDING/GARDEN PLANTS								
State Total								
Arizona	42	377,724	91	42	10,682,034	55	3,344,854	171
Counties								
Cochise	1	-	(D)	1	(D)	-	-	-
Cocconino	2	(D)	-	2	(D)	5	16,500	(D)
Gila	5	1,340	(D)	5	(D)	-	-	-
Maricopa	17	(D)	(D)	17	(D)	21	-	(D)
Mohave	1	-	(D)	1	(D)	-	-	-
Navajo	-	-	-	-	-	1	(D)	-
Pima	6	81,520	(D)	6	496,000	9	1,542,700	(D)
Pinal	-	-	-	-	-	6	(D)	(D)
Yavapai	9	(D)	(D)	9	(D)	10	(D)	(D)
Yuma	1	-	(D)	1	(D)	3	-	(D)
CUT FLOWERS AND CUT FLORIST GREENS								
State Total								
Arizona	19	876	391	19	(D)	17	500	332
Counties								
Apache	1	-	(D)	1	(D)	-	-	-
Cocconino	1	-	(D)	1	(D)	-	-	-
Maricopa	6	-	(D)	6	232,000	15	500	(D)
Pinal	1	-	(D)	1	(D)	1	-	(D)

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Table 35. Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials Grown for Sale: 2007 and 2002 - Con.

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

Geographic area	2007					2002		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
CUT FLOWERS AND CUT FLORIST GREENS - Con.								
Counties - Con.								
Santa Cruz	1	-	(D)	1	(D)	-	-	-
Yavapai	7	876	(D)	7	12,409	-	-	-
Yuma	2	-	(D)	2	(D)	1	-	(D)
FOLIAGE PLANTS, INDOOR								
State Total								
Arizona	30	321,110	72	30	10,851,073	34	703,874	38
Counties								
Apache	1	-	(D)	1	(D)	-	-	-
Cochise	2	(D)	(D)	2	(D)	3	(D)	-
Maricopa	9	(D)	18	9	(D)	17	(D)	(D)
Mohave	4	-	(D)	4	(D)	1	-	(D)
Pima	10	(D)	(D)	10	2,300,751	13	184,182	(D)
Pinal	2	(D)	(D)	2	(D)	-	-	-
Yavapai	1	(D)	-	1	(D)	-	-	-
Yuma	1	-	(D)	1	(D)	-	-	-
POTTED FLOWERING PLANTS								
State Total								
Arizona	22	484,568	10	22	(D)	22	489,792	9
Counties								
Apache	1	(D)	-	1	(D)	-	-	-
Cochise	1	-	(D)	1	(D)	-	-	-
Coconino	-	-	-	-	-	4	(D)	-
Graham	-	-	-	-	-	1	(D)	-
Maricopa	7	2,858	7	7	(D)	11	(D)	(D)
Pima	12	(D)	(D)	12	326,100	3	41,000	-
Pinal	-	-	-	-	-	2	-	(D)
Yavapai	1	(D)	-	1	(D)	1	(D)	-
OTHER FLORICULTURE AND BEDDING CROPS (SEE TEXT)								
State Total								
Arizona	4	-	16	4	(D)	(NA)	(NA)	(NA)
Counties								
Maricopa	1	-	(D)	1	(D)	(NA)	(NA)	(NA)
Pinal	1	-	(D)	1	(D)	(NA)	(NA)	(NA)
Yavapai	2	-	(D)	2	(D)	(NA)	(NA)	(NA)
FLOWER SEEDS								
State Total								
Arizona	3	-	45	3	417,000	12	(D)	(D)
Counties								
Maricopa	3	-	45	3	417,000	12	(D)	(D)
GREENHOUSE FRUITS AND BERRIES (SEE TEXT)								
State Total								
Arizona	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Counties								
Pinal	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
TOTAL GREENHOUSE VEGETABLES AND FRESH CUT HERBS (SEE TEXT)								
State Total								
Arizona	26	(D)	(X)	26	(D)	39	8,248,203	(X)
Counties								
Cochise	2	(D)	(X)	2	(D)	2	(D)	(X)
Gila	-	-	(X)	-	-	1	(D)	(X)
Graham	1	(D)	(X)	1	(D)	1	(D)	(X)
Maricopa	1	(D)	(X)	1	(D)	8	3,500	(X)
Mohave	-	-	(X)	-	-	5	7,500	(X)
Navajo	1	(D)	(X)	1	(D)	1	(D)	(X)
Pima	4	8,400	(X)	4	66,200	11	154,764	(X)
Pinal	5	43,000	(X)	5	342,500	1	(D)	(X)
Santa Cruz	-	-	(X)	-	-	3	(D)	(X)

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Table 35. Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials Grown for Sale: 2007 and 2002 - Con.

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

Geographic area	2007					2002		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
TOTAL GREENHOUSE VEGETABLES AND FRESH CUT HERBS (SEE TEXT) - Con.								
Counties - Con.								
Yavapai	9	13,200	(X)	9	105,550	3	3,800	(X)
Yuma	3	(D)	(X)	3	(D)	3	(D)	(X)
GREENHOUSE TOMATOES (SEE TEXT)								
State Total								
Arizona	8	(D)	(X)	8	(D)	(NA)	(NA)	(NA)
Counties								
Cochise	2	(D)	(X)	2	(D)	(NA)	(NA)	(NA)
Graham	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Pima	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Pinal	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Yavapai	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Yuma	2	(D)	(X)	2	(D)	(NA)	(NA)	(NA)
OTHER GREENHOUSE VEGETABLES AND FRESH CUT HERBS (SEE TEXT)								
State Total								
Arizona	22	(D)	(X)	22	(D)	(NA)	(NA)	(NA)
Counties								
Cochise	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Graham	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Maricopa	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Navajo	1	(D)	(X)	1	(D)	(NA)	(NA)	(NA)
Pima	4	(D)	(X)	4	(D)	(NA)	(NA)	(NA)
Pinal	4	(D)	(X)	4	(D)	(NA)	(NA)	(NA)
Yavapai	8	(D)	(X)	8	(D)	(NA)	(NA)	(NA)
Yuma	2	(D)	(X)	2	(D)	(NA)	(NA)	(NA)
MUSHROOMS (SEE TEXT)								
State Total								
Arizona	-	-	(X)	-	-	2	(D)	(X)
Counties								
Maricopa	-	-	(X)	-	-	1	(D)	(X)
Pinal	-	-	(X)	-	-	1	(D)	(X)
NURSERY STOCK								
State Total								
Arizona	155	7,039,293	6,939	154	198,590,309	225	3,517,233	8,644
Counties								
Apache	4	-	76	4	16,200	-	-	-
Cochise	7	5,400	(D)	7	(D)	14	14,454	(D)
Coconino	3	(D)	-	3	18,400	5	(D)	(D)
Gila	-	-	-	-	-	2	-	(D)
Graham	2	-	(D)	2	(D)	6	(D)	6
Greenlee	1	-	(D)	1	(D)	-	-	-
Maricopa	80	4,628,803	4,887	80	(D)	112	(D)	6,160
Mohave	3	-	10	3	(D)	6	750	(D)
Navajo	4	(D)	5	4	(D)	5	-	(D)
Pima	23	1,931,530	203	23	(D)	36	173,776	(D)
Pinal	9	(D)	1,381	9	13,147,913	18	(D)	(D)
Santa Cruz	-	-	-	-	-	2	(D)	-
Yavapai	11	(D)	(D)	11	637,520	12	(D)	(D)
Yuma	8	(D)	123	7	(D)	7	-	167
OTHER NURSERY CROPS (SEE TEXT)								
State Total								
Arizona	9	117,000	7	9	381,598	(NA)	(NA)	(NA)
Counties								
Cochise	4	117,000	-	4	287,348	(NA)	(NA)	(NA)
Maricopa	4	-	(D)	4	(D)	(NA)	(NA)	(NA)
Pinal	1	-	(D)	1	(D)	(NA)	(NA)	(NA)

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Table 35. Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials Grown for Sale: 2007 and 2002 - Con.

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

Geographic area	2007					2002		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Value of sales		Farms	Sq. ft. under glass or other protection	Acres in the open
				Farms	Dollars			
SOD HARVESTED								
State Total								
Arizona	9	(X)	3,147	9	29,467,837	13	(X)	3,187
Counties								
Coconino	1	(X)	(D)	1	(D)	1	(X)	(D)
Graham	1	(X)	(D)	1	(D)	1	(X)	(D)
La Paz	-	(X)	-	-	-	1	(X)	(D)
Maricopa	1	(X)	(D)	1	(D)	-	(X)	-
Navajo	1	(X)	(D)	1	(D)	4	(X)	12
Pinal	4	(X)	2,845	4	28,435,046	5	(X)	2,839
Yavapai	1	(X)	(D)	1	(D)	1	(X)	(D)
VEGETABLE SEEDS								
State Total								
Arizona	12	(D)	1,083	11	1,728,140	18	-	1,604
Counties								
La Paz	-	-	-	-	-	1	-	(D)
Maricopa	-	-	-	-	-	1	-	(D)
Pima	1	-	(D)	1	(D)	-	-	(D)
Pinal	-	-	-	-	-	3	-	(D)
Yuma	11	(D)	(D)	10	(D)	13	-	1,442
VEGETABLE TRANSPLANTS (SEE TEXT)								
State Total								
Arizona	5	(D)	(D)	5	(D)	(NA)	(NA)	(NA)
Counties								
Pima	2	(D)	(D)	2	(D)	(NA)	(NA)	(NA)
Pinal	2	(D)	(D)	2	(D)	(NA)	(NA)	(NA)
Yuma	1	-	(D)	1	(D)	(NA)	(NA)	(NA)

Table 36. Cut Christmas Trees: 2007 and 2002

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

Geographic area	2007					2002			
	Acres in production			Trees cut		Acres in production		Trees cut	
	Farms	Acres	Acres irrigated	Farms	Number	Farms	Acres	Farms	Number
STATE TOTAL									
Arizona	10	39	33	7	289	6	118	4	(D)
COUNTIES									
Apache	1	(D)	(D)	-	-	2	(D)	-	-
Cochise	-	-	-	-	-	1	(D)	1	(D)
Coconino	3	6	-	3	12	-	-	-	-
Graham	4	10	10	2	(D)	-	-	-	-
Maricopa	1	(D)	(D)	1	(D)	-	-	-	-
Mohave	-	-	-	-	-	2	(D)	2	(D)
Navajo	1	(D)	(D)	1	(D)	1	(D)	1	(D)

Table 37. Short Rotation Woody Crops: 2007 and 2002

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

Geographic area	2007					2002			
	Acres in production			Acres harvested		Acres in production		Acres harvested	
	Farms	Acres	Acres irrigated	Farms	Acres	Farms	Acres	Farms	Acres
STATE TOTAL									
Arizona	14	213	48	7	11	21	710	12	(D)
COUNTIES									
Apache	1	(D)	(D)	-	-	2	(D)	-	-
Cochise	5	7	(D)	4	(D)	2	(D)	2	(D)
Greenlee	1	(D)	-	1	(D)	-	-	-	-
Maricopa	2	(D)	(D)	-	-	14	(D)	8	(D)
Mohave	2	(D)	(D)	-	-	1	(D)	1	(D)
Navajo	2	(D)	-	2	(D)	-	-	-	-
Pinal	1	(D)	(D)	-	-	1	(D)	1	(D)
Yuma	-	-	-	-	-	1	(D)	-	-

Table 38. Maple Syrup: 2007 and 2002

[Not published for this State]

Table 39. Grain Storage Capacity: 2007 and 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)
STATE TOTAL					
Arizona	94	3,023,063	32,160	36	58
..... 2007					
..... 2002	134	3,256,058	24,299	57	77
COUNTIES, 2007					
Apache	2	(D)	(D)	1	1
Cochise	23	1,553,073	67,525	15	8
Coconino	2	(D)	(D)	-	2
Graham	6	45,722	7,620	6	-
Greenlee	5	(D)	(D)	3	2
Maricopa	14	366,691	26,192	6	8
Mohave	3	1,092	364	-	3
Navajo	6	45,290	7,548	-	6
Pima	3	1,273	424	-	3
Pinal	10	(D)	(D)	1	9
Yavapai	17	15,633	920	1	16
Yuma	3	96,836	32,279	3	-

Table 40. Commodities Raised and Delivered Under Production Contracts: 2007

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

Item	Farms	Number	Item	Farms	Number
CUSTOM FED CATTLE SHIPPED DIRECTLY FOR SLAUGHTER (SEE TEXT)			OTHER CATTLE, LIVESTOCK, POULTRY, OR AQUACULTURE (SEE TEXT) - Con.		
State Total			Counties		
Arizona	7	348,871	Cochise	2	(X)
Counties			Coconino	1	(X)
Cochise	1	(D)	Gila	1	(X)
Maricopa	1	(D)	Pinal	1	(X)
Navajo	1	(D)			
Pinal	3	(D)	VEGETABLES, MELONS, AND POTATOES (SEE TEXT)		
Yuma	1	(D)	State Total		
OTHER CATTLE, LIVESTOCK, POULTRY, OR AQUACULTURE (SEE TEXT)			Arizona	47	(X)
State Total			Counties		
Arizona	5	(X)	Cochise	1	(X)
			La Paz	5	(X)
			Yuma	41	(X)

Table 41. Machinery and Equipment on Operation: 2007 and 2002

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

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
VALUE OF MACHINERY AND EQUIPMENT ¹								
Estimated market value of all machinery and equipment .....farms, 2007	15,635	4,243	1,065	1,597	279	343	127	99
.....2002	6,946	328	904	200	135	275	124	88
.....\$1,000, 2007	1,036,453	65,815	82,848	36,313	12,442	54,013	9,030	36,017
.....2002	615,767	9,660	48,147	9,029	2,939	30,308	4,370	29,674
Average per farm .....dollars, 2007	66,291	15,511	77,792	22,738	44,594	157,473	71,100	363,805
.....2002	88,651	29,452	53,260	45,145	21,767	110,210	35,245	337,206
Farms by value group:								
\$1 to \$9,999 .....2007	5,660	2,188	255	688	120	113	35	11
.....2002	2,713	156	288	101	38	128	62	12
\$10,000 to \$19,999 .....2007	3,681	1,218	199	474	32	45	21	6
.....2002	1,402	69	222	34	37	15	28	1
\$20,000 to \$29,999 .....2007	1,716	420	114	140	24	23	12	11
.....2002	589	33	46	16	33	27	12	3
\$30,000 to \$49,999 .....2007	1,504	223	152	52	25	60	18	18
.....2002	552	32	146	7	13	16	4	12
\$50,000 to \$69,999 .....2007	982	71	94	169	32	39	12	6
.....2002	383	21	69	21	8	19	5	4
\$70,000 to \$99,999 .....2007	521	37	57	26	15	18	9	5
.....2002	203	3	45	1	5	17	2	6
\$100,000 to \$199,999 .....2007	728	52	112	19	17	22	10	7
.....2002	347	7	40	6	1	16	5	13
\$200,000 to \$499,999 .....2007	507	33	56	28	12	8	7	12
.....2002	464	6	33	13	-	20	5	23
\$500,000 or more .....2007	336	1	26	1	2	15	3	23
.....2002	293	1	15	1	-	17	1	14
SELECTED MACHINERY AND EQUIPMENT ¹								
Trucks, including pickups (see text) .....farms, 2007	12,394	3,290	888	1,142	180	234	109	77
.....2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....number, 2007	22,848	4,788	1,754	1,746	358	533	245	294
.....2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tractors .....farms, 2007	5,656	755	717	189	125	185	101	66
.....2002	6,563	288	874	195	135	275	122	87
.....number, 2007	11,974	898	1,328	263	198	421	186	427
.....2002	15,585	510	1,625	289	228	599	250	430
Less than 40 horsepower (PTO) .....farms, 2007	3,149	390	411	124	68	76	48	18
.....2002	4,052	203	646	138	56	192	55	37
.....number, 2007	4,035	433	536	141	88	102	55	29
.....2002	5,392	224	814	179	75	214	70	58
40 to 99 horsepower (PTO) .....farms, 2007	2,760	327	332	70	58	99	58	50
.....2002	3,278	129	337	55	78	88	80	55
.....number, 2007	4,591	361	460	93	89	150	82	165
.....2002	6,383	214	510	61	117	168	144	212
100 horsepower (PTO) or more .....farms, 2007	1,237	97	179	22	16	67	33	48
.....2002	1,506	36	153	34	28	94	21	51
.....number, 2007	3,348	104	332	29	21	169	49	233
.....2002	3,810	72	301	49	36	217	36	160
Grain and bean combines, self-propelled .....farms, 2007	119	-	26	2	-	6	4	3
.....2002	187	13	13	4	-	23	5	8
.....number, 2007	153	-	30	(D)	-	6	4	4
.....2002	243	13	16	4	-	24	5	9
Cotton pickers and strippers, self-propelled .....farms, 2007	181	-	5	-	1	22	3	12
.....2002	263	-	10	-	34	34	1	14
.....number, 2007	282	-	7	-	(D)	26	4	31
.....2002	464	-	13	-	-	55	(D)	35
Forage harvesters, self-propelled .....farms, 2007	157	9	32	-	1	7	4	14
.....2002	230	25	42	-	3	14	14	12
.....number, 2007	216	9	43	-	(D)	8	5	23
.....2002	315	25	75	-	(D)	20	15	22
Hay balers .....farms, 2007	584	47	92	5	16	31	31	27
.....2002	838	69	61	8	3	47	39	31
.....number, 2007	763	53	128	5	17	33	34	54
.....2002	1,200	91	110	(D)	(D)	58	49	55
2007 INVENTORY								
Manufactured 2003 to 2007:								
Trucks, including pickups .....farms	6,043	1,586	256	587	59	102	48	45
.....number	8,615	1,921	332	711	80	155	74	122
Tractors .....farms	1,447	157	128	44	29	44	15	29
.....number	3,040	166	170	52	39	74	23	184
Less than 40 horsepower (PTO) .....farms	644	76	49	25	23	9	4	3
.....number	728	78	51	25	26	9	4	3
40 to 99 horsepower (PTO) .....farms	624	61	54	19	8	17	8	17
.....number	1,057	63	71	(D)	(D)	17	8	59
100 horsepower (PTO) or more .....farms	413	25	34	1	2	25	5	19
.....number	1,255	25	48	(D)	(D)	48	11	122
Grain and bean combines, self-propelled .....farms	20	-	6	-	-	-	-	-
.....number	28	-	6	-	-	-	-	-
Cotton pickers and strippers, self-propelled .....farms	62	-	-	-	1	12	-	5
.....number	76	-	-	-	(D)	(D)	-	6
Forage harvesters, self-propelled .....farms	48	-	5	-	-	-	-	8
.....number	81	-	8	-	-	-	-	14
Hay balersfarms	135	-	13	-	8	5	5	15
.....number	193	-	14	-	(D)	5	5	33

See footnote(s) at end of table.

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Table 41. Machinery and Equipment on Operation: 2007 and 2002 - Con.

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

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
VALUE OF MACHINERY AND EQUIPMENT ¹								
Estimated market value of all machinery and equipment								
..... farms, 2007	1,793	334	2,949	622	783	193	756	452
..... farms, 2002	2,062	195	290	466	688	152	518	521
..... \$1,000, 2007	208,603	19,163	56,928	49,871	188,349	8,952	39,361	168,748
..... \$1,000, 2002	186,376	19,245	5,672	26,533	115,577	4,093	19,182	104,963
Average per farm								
..... dollars, 2007	116,343	57,373	19,304	80,179	240,548	46,385	52,064	373,336
..... dollars, 2002	90,386	98,694	19,560	56,938	167,989	26,929	37,030	201,464
Farms by value group:								
\$1 to \$9,999								
..... farms, 2007	306	81	1,329	170	111	51	148	54
..... farms, 2002	850	56	181	273	211	59	184	114
\$10,000 to \$19,999								
..... farms, 2007	234	52	938	97	119	32	143	71
..... farms, 2002	438	35	40	67	82	32	158	144
\$20,000 to \$29,999								
..... farms, 2007	286	46	286	98	92	14	83	67
..... farms, 2002	214	51	13	21	42	19	40	19
\$30,000 to \$49,999								
..... farms, 2007	289	71	197	77	100	34	125	63
..... farms, 2002	116	12	29	14	57	15	49	30
\$50,000 to \$69,999								
..... farms, 2007	169	23	100	60	59	13	111	24
..... farms, 2002	64	13	13	42	24	8	31	41
\$70,000 to \$99,999								
..... farms, 2007	139	19	42	27	50	19	42	16
..... farms, 2002	23	3	5	10	34	14	10	25
\$100,000 to \$199,999								
..... farms, 2007	182	26	40	35	72	24	63	47
..... farms, 2002	110	9	7	13	57	5	32	26
\$200,000 to \$499,999								
..... farms, 2007	105	12	15	38	95	6	39	41
..... farms, 2002	159	9	1	15	111	-	9	60
\$500,000 or more								
..... farms, 2007	83	4	2	20	85	-	2	69
..... farms, 2002	88	7	1	11	70	-	5	62
SELECTED MACHINERY AND EQUIPMENT ¹								
Trucks, including pickups (see text)								
..... farms, 2007	1,553	255	2,312	510	675	156	637	376
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... number, 2007	3,245	509	3,499	1,055	1,945	273	1,178	1,426
..... number, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tractors								
..... farms, 2007	1,178	144	431	359	526	84	506	290
..... farms, 2002	1,914	192	290	418	682	152	518	421
..... number, 2007	2,886	260	594	549	1,654	110	863	1,337
..... number, 2002	4,764	592	539	700	2,295	357	832	1,575
Less than 40 horsepower (PTO)								
..... farms, 2007	741	78	231	236	226	56	321	125
..... farms, 2002	1,111	112	212	229	363	107	406	185
..... number, 2007	1,067	103	272	277	287	65	403	177
..... number, 2002	1,555	202	310	272	506	169	507	237
40 to 99 horsepower (PTO)								
..... farms, 2007	614	68	213	147	275	31	260	158
..... farms, 2002	1,152	128	88	261	384	66	126	251
..... number, 2007	1,140	122	253	211	556	37	343	529
..... number, 2002	2,238	171	161	318	911	161	198	799
100 horsepower (PTO) or more								
..... farms, 2007	253	19	58	32	210	7	78	118
..... farms, 2002	339	81	39	46	291	25	67	201
..... number, 2007	679	35	69	61	811	8	117	631
..... number, 2002	971	219	68	110	878	27	127	539
Grain and bean combines, self-propelled								
..... farms, 2007	16	-	6	5	24	-	1	26
..... farms, 2002	32	1	10	4	29	-	6	39
..... number, 2007	22	-	6	6	33	-	(D)	38
..... number, 2002	51	(D)	10	(D)	36	-	7	63
Cotton pickers and strippers, self-propelled								
..... farms, 2007	27	2	-	8	70	-	-	31
..... farms, 2002	68	2	-	11	94	-	-	29
..... number, 2007	44	(D)	-	(D)	101	-	-	52
..... number, 2002	125	(D)	-	21	155	-	-	51
Forage harvesters, self-propelled								
..... farms, 2007	24	4	6	9	19	-	9	19
..... farms, 2002	56	13	1	2	24	9	5	10
..... number, 2007	37	(D)	6	9	34	-	9	28
..... number, 2002	74	15	(D)	(D)	34	9	5	15
Hay balers								
..... farms, 2007	78	13	34	21	68	4	49	68
..... farms, 2002	197	82	18	71	78	19	36	79
..... number, 2007	117	21	37	22	92	7	51	92
..... number, 2002	267	134	28	74	140	28	39	115
2007 INVENTORY								
Manufactured 2003 to 2007:								
Trucks, including pickups								
..... farms	774	120	1,325	215	387	54	280	205
..... number	1,277	162	1,581	289	839	65	357	650
Tractors								
..... farms	312	36	90	106	210	22	126	99
..... number	681	39	95	156	631	23	143	564
Less than 40 horsepower (PTO)								
..... farms	144	20	53	82	64	14	54	24
..... number	185	20	53	89	74	14	54	43
40 to 99 horsepower (PTO)								
..... farms	157	14	34	26	82	7	68	52
..... number	292	15	34	40	181	(D)	72	165
100 horsepower (PTO) or more								
..... farms	84	4	8	9	118	1	11	67
..... number	204	4	8	27	376	(D)	17	356
Grain and bean combines, self-propelled								
..... farms	6	-	-	-	4	-	-	4
..... number	6	-	-	-	12	-	-	4
Cotton pickers and strippers, self-propelled								
..... farms	9	-	-	2	28	-	-	5
..... number	11	-	-	(D)	33	-	-	10
Forage harvesters, self-propelled								
..... farms	15	-	-	-	10	-	-	10
..... number	22	-	-	-	22	-	-	15
Hay balers								
..... farms	31	8	1	2	13	-	3	31
..... number	44	9	(D)	(D)	25	-	3	44

See footnote(s) at end of table.

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Table 41. Machinery and Equipment on Operation: 2007 and 2002 - Con.

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

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	
2007 INVENTORY - Con.									
Manufactured prior to 2003:									
Trucks, including pickups (see text)	farms	8,787	2,255	777	748	161	195	90	63
	number	14,233	2,867	1,422	1,035	278	378	171	172
Tractors	farms	4,758	615	644	150	104	170	94	54
	number	8,934	732	1,158	211	159	347	163	243
Less than 40 horsepower (PTO)	farms	2,592	319	367	103	52	69	44	15
	number	3,307	355	485	116	62	93	51	26
40 to 99 horsepower (PTO)	farms	2,292	270	293	51	51	87	52	39
	number	3,534	298	389	(D)	(D)	133	74	106
100 horsepower (PTO) or more	farms	1,019	73	165	21	14	62	29	39
	number	2,093	79	284	(D)	(D)	121	38	111
Grain and bean combines, self-propelled	farms	107	-	23	2	-	6	4	3
	number	125	-	24	(D)	-	6	4	4
Cotton pickers and strippers, self-propelled	farms	129	-	5	-	-	11	3	10
	number	206	-	7	-	-	(D)	4	25
Forage harvesters, self-propelled	farms	117	9	29	-	1	7	4	6
	number	135	9	35	-	(D)	8	5	9
Hay balers	farms	479	47	82	5	9	26	26	16
	number	570	53	114	5	(D)	28	29	21
Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	
2007 INVENTORY - Con.									
Manufactured prior to 2003:									
Trucks, including pickups (see text)	farms	1,121	187	1,420	375	495	130	494	276
	number	1,968	347	1,918	766	1,106	208	821	776
Tractors	farms	1,013	113	356	270	423	65	442	245
	number	2,205	221	499	393	1,023	87	720	773
Less than 40 horsepower (PTO)	farms	629	60	183	161	171	43	271	105
	number	882	83	219	188	213	51	349	134
40 to 99 horsepower (PTO)	farms	512	55	182	126	220	24	200	130
	number	848	107	219	171	375	(D)	271	364
100 horsepower (PTO) or more	farms	209	17	50	26	154	6	70	84
	number	475	31	61	34	435	(D)	100	275
Grain and bean combines, self-propelled	farms	13	-	6	5	20	-	1	24
	number	16	-	6	6	21	-	(D)	34
Cotton pickers and strippers, self-propelled	farms	20	2	-	6	46	-	-	26
	number	33	(D)	-	(D)	68	-	-	42
Forage harvesters, self-propelled	farms	11	4	6	9	10	-	9	12
	number	15	(D)	6	9	12	-	9	13
Hay balers	farms	59	8	33	19	55	4	47	43
	number	73	12	(D)	(D)	67	7	48	48

¹ 2002 data are based on a sample of farms.

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002

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

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
Commercial fertilizer, lime, and soil conditioners ^{1 2}	farms, 2007	2,723	377	242	144	18	102	40
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres treated, 2007	758,296	3,605	54,527	786	(D)	25,314	3,212
	2002	804,352	3,513	44,223	174	405	29,415	3,266
Cropland fertilized, except cropland pastured	farms, 2007	2,328	363	200	120	14	87	30
	2002	2,423	23	272	16	16	120	36
	acres treated, 2007	744,291	2,556	51,856	317	(D)	24,969	2,815
	2002	796,477	3,112	42,438	174	(D)	29,240	2,630
Pastureland and rangeland fertilized	farms, 2007	458	17	47	25	4	17	13
	2002	379	28	50	-	3	31	15
	acres treated, 2007	14,005	1,049	2,671	469	(D)	345	397
	2002	7,875	401	1,785	-	(D)	175	636
Manure ¹	farms, 2007	555	19	48	18	5	21	4
	2002	745	52	37	26	2	26	7
	acres treated, 2007	90,642	357	3,540	195	(D)	1,025	171
	2002	91,978	1,230	1,385	81	(D)	1,243	(D)
Chemicals used to control- ¹								
Insects	farms, 2007	1,111	20	116	5	9	59	19
	2002	1,540	1	172	3	3	72	9
	acres treated, 2007	615,595	2,293	33,522	28	563	21,793	1,069
	2002	589,093	(D)	26,921	(D)	3	17,332	1,125
Weeds, grass, or brush	farms, 2007	1,173	10	138	15	3	59	26
	2002	1,416	16	107	1	1	93	25
	acres treated, 2007	560,730	1,427	33,332	880	(D)	18,277	1,900
	2002	513,462	4,550	35,293	(D)	(D)	25,504	2,180
Nematodes	farms, 2007	66	-	6	-	-	-	-
	2002	89	-	5	-	3	-	9
	acres treated, 2007	38,802	-	578	-	-	-	-
	2002	28,776	-	872	-	(D)	-	-
Diseases in crops and orchards	farms, 2007	139	-	27	-	-	8	-
	2002	290	-	69	-	3	6	2
	acres treated, 2007	53,683	-	2,579	-	-	568	-
	2002	57,063	-	7,874	-	3	(D)	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	286	-	13	-	1	24	2
	2002	307	-	18	-	-	34	1
	acres treated, 2007	157,836	-	2,817	-	(D)	14,310	(D)
	2002	162,112	-	4,335	-	-	14,624	(D)
Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Commercial fertilizer, lime, and soil conditioners ^{1 2}	farms, 2007	522	37	277	108	298	18	147
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres treated, 2007	159,667	15,889	3,581	31,902	193,537	(D)	5,172
	2002	220,685	18,849	1,757	26,903	185,745	501	4,583
Cropland fertilized, except cropland pastured	farms, 2007	403	32	242	72	260	10	109
	2002	862	34	14	126	256	12	115
	acres treated, 2007	158,718	15,782	2,059	30,233	192,501	(D)	1,791
	2002	219,391	(D)	1,676	26,586	184,043	301	3,873
Pastureland and rangeland fertilized	farms, 2007	132	5	47	37	49	9	48
	2002	162	2	18	11	28	4	8
	acres treated, 2007	949	107	1,522	1,669	1,036	282	3,381
	2002	1,294	(D)	81	317	1,702	200	710
Manure ¹	farms, 2007	146	12	39	30	92	4	78
	2002	262	18	41	27	95	5	75
	acres treated, 2007	25,872	145	593	2,060	44,467	(D)	1,337
	2002	43,932	1,055	273	1,260	19,605	5	544
Chemicals used to control- ¹								
Insects	farms, 2007	253	17	16	62	195	8	47
	2002	518	17	19	58	217	1	55
	acres treated, 2007	119,362	21,129	871	21,420	154,935	100	947
	2002	157,144	16,348	282	16,508	130,133	(D)	1,198
Weeds, grass, or brush	farms, 2007	327	15	25	55	201	10	58
	2002	550	18	16	87	155	4	10
	acres treated, 2007	118,576	18,053	950	10,697	150,501	(D)	2,085
	2002	145,320	14,675	644	20,848	103,493	585	(D)
Nematodes	farms, 2007	23	1	-	1	9	-	10
	2002	44	2	-	-	9	-	9
	acres treated, 2007	11,327	(D)	-	(D)	6,244	-	102
	2002	11,134	(D)	-	-	5,636	-	-
Diseases in crops and orchards	farms, 2007	23	1	5	4	6	4	6
	2002	82	-	-	15	24	-	23
	acres treated, 2007	3,065	(D)	(D)	(D)	3,815	55	14
	2002	4,724	-	-	(D)	12,941	-	23
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹	farms, 2007	42	3	2	19	94	-	1
	2002	86	3	-	11	100	-	1
	acres treated, 2007	23,780	(D)	(D)	14,822	63,834	-	(D)
	2002	40,120	(D)	-	9,555	65,672	-	(D)

¹ 2002 data are based on a sample of farms.

² 2002 farm count data are not comparable due to calculation change.

Table 43. Organic Agriculture: 2007

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

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
LAND USED FOR ORGANIC PRODUCTION								
Total acres used for organic production (see text)	farms 129	1	20	7	1	6	-	6
	acres 16,907	(D)	1,160	128	(D)	1,087	-	1,435
Acres from which organic crops were harvested	farms 79	-	7	2	1	6	-	5
	acres 12,237	(D)	(D)	(D)	(D)	(D)	-	1,306
Acres of organic pastureland	farms 38	1	13	5	1	1	-	-
	acres 3,570	(D)	604	(D)	(D)	(D)	-	-
Acres being converted to organic production	farms 73	-	13	1	8	7	-	1
	acres 8,047	-	292	(D)	50	(D)	-	(D)
VALUE OF SALES OF ORGANICALLY PRODUCED COMMODITIES								
Total organic product sales	farms 112	-	17	2	1	6	-	5
	\$1,000 48,363	-	419	(D)	(D)	2,939	-	3,038
By value of sales:								
\$1 to \$4,999	farms 56	-	11	-	1	2	-	-
	\$1,000 77	-	14	-	(D)	(D)	-	-
\$5,000 or more	farms 56	-	6	2	-	4	-	5
	\$1,000 48,286	-	405	(D)	-	(D)	-	3,038
Crops, including nursery and greenhouse	farms 75	-	7	2	1	6	-	5
	\$1,000 (D)	-	344	(D)	(D)	2,939	-	3,038
Livestock and poultry	farms 21	-	10	-	1	-	-	-
	\$1,000 (D)	-	(D)	-	(D)	-	-	-
Livestock and poultry products	farms 22	-	1	-	1	-	-	-
	\$1,000 (D)	-	(D)	-	(D)	-	-	-
Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
LAND USED FOR ORGANIC PRODUCTION								
Total acres used for organic production (see text)	farms 25	4	7	11	12	-	19	10
	acres 4,317	8	63	(D)	2,930	-	(D)	3,387
Acres from which organic crops were harvested	farms 15	-	1	7	9	-	16	10
	acres 4,168	-	(D)	(D)	1,067	-	461	3,208
Acres of organic pastureland	farms 6	1	4	2	2	-	2	-
	acres 34	(D)	60	(D)	(D)	-	(D)	-
Acres being converted to organic production	farms 15	4	1	4	6	-	9	4
	acres 948	(D)	(D)	(D)	(D)	-	243	(D)
VALUE OF SALES OF ORGANICALLY PRODUCED COMMODITIES								
Total organic product sales	farms 24	4	7	10	9	-	17	10
	\$1,000 24,193	9	9	(D)	(D)	-	159	15,208
By value of sales:								
\$1 to \$4,999	farms 9	4	7	6	4	-	12	-
	\$1,000 5	9	9	10	(D)	-	25	-
\$5,000 or more	farms 15	-	-	4	5	-	5	10
	\$1,000 24,188	-	-	(D)	(D)	-	134	15,208
Crops, including nursery and greenhouse	farms 15	-	1	7	6	-	15	10
	\$1,000 24,182	-	(D)	(D)	(D)	-	(D)	15,208
Livestock and poultry	farms 5	-	2	-	2	-	1	-
	\$1,000 9	-	(D)	-	(D)	-	(D)	-
Livestock and poultry products	farms 4	4	6	3	1	-	2	-
	\$1,000 2	9	2	(D)	(D)	-	(D)	-

Table 44. Selected Practices: 2007

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

Geographic area	Received irrigation water from the U.S. Bureau of Reclamation (farms)	Generated energy or electricity on the farm (farms)	Used conservation methods (farms)	Practiced rotational or management intensive grazing (farms)	Grazed livestock on a per-head or AUM basis (farms)
STATE TOTAL					
Arizona	893	479	1,080	1,281	815
COUNTIES					
Apache	15	45	47	84	66
Cochise	6	55	160	273	161
Coconino	4	36	38	72	48
Gila	1	20	29	48	44
Graham	26	20	41	59	42
Greenlee	8	17	29	50	35
La Paz	33	3	19	2	8
Maricopa	335	36	213	136	30
Mohave	4	34	28	68	66
Navajo	26	39	49	105	47
Pima	16	24	56	72	53
Pinal	211	25	147	73	46
Santa Cruz	-	26	25	61	43
Yavapai	25	90	125	169	125
Yuma	183	9	74	9	1
Geographic area	Produced and sold value-added commodities (farms)	Marketed products through Community Supported Agriculture (CSA) (farms)	Raised or sold veal calves (farms)	Raised or sold hair sheep or wool-hair crosses (farms)	Had a barn built prior to 1960 (farms)
STATE TOTAL					
Arizona	326	63	52	73	920
COUNTIES					
Apache	18	2	3	9	52
Cochise	42	14	9	14	166
Coconino	19	-	1	2	31
Gila	10	1	-	1	45
Graham	8	3	1	-	52
Greenlee	4	-	-	2	51
La Paz	1	1	-	-	3
Maricopa	46	9	9	15	137
Mohave	12	2	8	1	33
Navajo	13	3	8	9	54
Pima	26	3	2	5	58
Pinal	38	4	5	3	67
Santa Cruz	13	1	1	5	38
Yavapai	68	18	4	4	116
Yuma	8	2	1	3	17

Table 45. Farms by North American Industry Classification System: 2007

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

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
Total farms	15,637	4,243	1,065	1,597	279	343	127	99
Oilseed and grain farming (1111)	77	2	19	-	-	4	-	-
Vegetable and melon farming (1112)	2,008	900	23	252	6	5	-	3
Fruit and tree nut farming (1113)	850	148	104	30	10	27	8	1
Greenhouse, nursery, and floriculture production (1114)	258	7	12	8	3	6	1	-
Other crop farming (1119)	1,209	133	119	13	5	93	29	65
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	173	-	2	-	1	31	2	7
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	1,036	133	117	13	4	62	27	58
Beef cattle ranching and farming (112111)	4,901	1,134	431	632	175	147	46	12
Cattle feedlots (112112)	65	1	10	12	9	1	1	-
Dairy cattle and milk production (11212)	146	3	13	-	2	2	1	1
Hog and pig farming (1122)	86	4	11	8	1	1	-	4
Poultry and egg production (1123)	468	59	66	28	11	28	6	3
Sheep and goat farming (1124)	2,513	1,269	23	387	9	4	7	6
Animal aquaculture and other animal production (1125,1129)	3,056	583	234	227	48	25	28	4

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Total farms	1,793	334	2,949	622	785	193	756	452
Oilseed and grain farming (1111)	21	-	-	3	15	-	2	11
Vegetable and melon farming (1112)	20	2	713	5	15	3	12	49
Fruit and tree nut farming (1113)	150	14	78	14	15	11	63	177
Greenhouse, nursery, and floriculture production (1114)	105	5	12	45	22	-	22	10
Other crop farming (1119)	209	20	33	43	268	5	55	119
Tobacco farming (11191)	-	-	-	-	-	-	-	-
Cotton farming (11192)	12	-	-	18	78	-	-	22
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199)	197	20	33	25	190	5	55	97
Beef cattle ranching and farming (112111)	343	182	965	218	171	127	305	13
Cattle feedlots (112112)	8	1	3	2	10	3	2	2
Dairy cattle and milk production (11212)	57	1	5	17	36	1	2	5
Hog and pig farming (1122)	13	1	13	7	1	-	16	6
Poultry and egg production (1123)	85	19	41	28	38	4	36	16
Sheep and goat farming (1124)	65	23	613	38	32	8	21	8
Animal aquaculture and other animal production (1125,1129)	717	66	473	202	162	31	220	36

Table 46. Selected Operation and Operator Characteristics: 2007 and 2002

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

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	
FARMS									
Land in farms	farms, 2007	15,637	4,243	1,065	1,597	279	343	127	99
	2002	7,294	363	950	213	164	277	124	101
	acres, 2007	26,117,899	(D)	824,226	6,101,943	1,166,457	1,345,629	35,267	(D)
	2002	26,586,577	(D)	969,253	(D)	(D)	(D)	27,376	(D)
Harvested cropland	farms, 2007	4,993	1,405	269	393	34	128	45	61
	2002	3,139	114	379	40	38	176	38	62
	acres, 2007	832,406	8,095	58,361	1,432	979	27,081	3,414	101,745
	2002	887,966	5,272	(D)	1,033	627	32,298	2,967	90,757
TENURE									
Full owners	farms, 2007	13,989	4,188	793	1,569	250	284	102	39
	2002	5,723	305	749	191	138	208	106	32
	acres, 2007	23,861,031	(D)	472,771	(D)	1,159,410	1,282,461	29,582	(D)
	2002	25,273,587	(D)	715,809	(D)	(D)	(D)	22,096	(D)
Harvested cropland	farms, 2007	4,168	1,395	189	391	34	90	37	7
	2002	2,245	88	312	37	33	126	31	10
	acres, 2007	156,642	7,953	20,923	(D)	979	8,761	1,881	3,246
	2002	273,788	4,832	30,250	(D)	(D)	7,605	1,855	17,129
Part owners	farms, 2007	913	53	202	24	19	41	18	14
	2002	904	36	149	9	17	52	11	16
	acres, 2007	1,091,864	73,171	298,758	9,631	6,949	56,992	3,680	10,781
	2002	850,797	25,030	217,125	3,565	(D)	(D)	4,705	(D)
Owned land in farms	acres, 2007	387,881	29,808	125,811	3,338	2,797	10,388	983	1,954
	2002	388,937	14,287	106,395	2,017	(D)	(D)	2,531	(D)
Rented land in farms	acres, 2007	703,983	43,363	172,947	6,293	4,152	46,604	2,697	8,827
	2002	461,860	10,743	110,730	1,548	2,258	18,426	2,174	18,957
Harvested cropland	farms, 2007	402	9	58	2	-	21	6	13
	2002	487	21	48	-	4	39	6	14
	acres, 2007	255,660	(D)	21,039	(D)	-	13,096	(D)	9,611
	2002	292,565	358	20,472	-	(D)	19,967	(D)	16,914
Tenants	farms, 2007	735	2	70	4	10	18	7	46
	2002	667	22	52	13	9	17	7	53
	acres, 2007	1,165,004	(D)	52,697	(D)	98	6,176	2,005	(D)
	2002	462,193	7,689	36,319	9,826	(D)	(D)	575	64,687
Harvested cropland	farms, 2007	423	1	22	-	-	17	2	41
	2002	407	5	19	3	1	11	1	38
	acres, 2007	420,104	(D)	16,399	-	-	5,224	(D)	88,888
	2002	321,613	82	(D)	(D)	(D)	4,726	(D)	56,714
2007 NUMBER OF ALL OPERATORS									
Total operators	number	26,183	7,105	1,684	2,541	421	472	222	147
Farms by number of operators:									
1 operator		7,715	2,142	538	860	159	233	59	63
2 operators		6,076	1,553	455	590	102	98	52	26
3 operators		1,479	447	55	117	15	8	11	9
4 operators		185	49	14	18	2	3	1	-
5 or more operators		182	52	3	12	1	1	4	1
Total women operators	number	11,553	3,612	646	1,335	168	142	71	31
Farms by number of women operators:									
1 operator		9,062	2,675	558	1,091	148	131	60	31
2 operators		925	330	35	91	10	4	3	-
3 operators		157	70	6	13	-	1	-	-
4 operators		19	6	-	2	-	-	-	-
5 or more operators		18	8	-	3	-	-	1	-
2002 NUMBER OF ALL OPERATORS									
Total operators	number	12,259	643	1,565	356	260	412	212	172
Farms by number of operators:									
1 operator		3,580	179	464	103	79	174	45	61
2 operators		2,962	138	396	87	74	82	74	19
3 operators		501	26	70	17	11	12	4	17
4 operators		149	13	10	4	-	8	-	1
5 or more operators		102	7	10	2	-	1	1	3
Total women operators	number	4,302	216	549	123	102	106	63	32
Farms by number of women operators:									
1 operator		3,475	139	468	102	86	84	63	29
2 operators		324	28	38	9	8	8	-	-
3 operators		47	7	-	1	-	2	-	1
4 operators		7	-	-	-	-	-	-	-
5 or more operators		2	-	1	-	-	-	-	-
PRINCIPAL OPERATOR CHARACTERISTICS									
Sex of operator:									
Male	farms, 2007	9,617	1,984	826	826	196	288	112	93
	2002	5,774	293	786	167	132	256	122	95
	acres, 2007	22,765,861	(D)	735,365	(D)	(D)	447,228	33,410	(D)
	2002	20,883,136	(D)	880,730	6,079,827	(D)	(D)	(D)	(D)
Female	farms, 2007	6,020	2,259	239	771	83	55	15	6
	2002	1,520	70	164	46	32	21	2	6
	acres, 2007	3,352,038	31,287	88,861	(D)	(D)	898,401	1,857	379
	2002	5,703,441	127,836	88,523	(D)	(D)	(D)	(D)	3,910
Primary occupation:									
Farming	2007	9,553	2,988	517	1,075	168	149	73	70
	2002	4,296	186	584	121	103	584	69	68
Other	2007	6,084	1,255	548	522	111	194	54	29
	2002	2,998	177	366	92	61	115	55	33

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Table 46. Selected Operation and Operator Characteristics: 2007 and 2002 - Con.

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

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma	
FARMS									
Land in farms	farms, 2007 2002	1,793 2,110	334 239	2,949 291	622 517	785 687	193 152	756 575	452 531
	acres, 2007 2002	485,469 627,254	858,392 792,992	4,502,752 4,595,062	(D) (D)	1,047,112 1,161,563	129,581 132,843	639,042 720,362	210,480 231,125
Harvested cropland	farms, 2007 2002	520 934	52 76	1,065 82	114 146	326 375	21 27	180 177	380 475
	acres, 2007 2002	190,182 232,451	16,028 (D)	6,726 (D)	32,378 32,101	209,076 207,635	436 313	4,314 4,886	172,159 197,038
TENURE									
Full owners	farms, 2007 2002	1,445 1,698	302 205	2,887 221	516 424	530 466	160 110	616 488	308 382
	acres, 2007 2002	(D) 395,397	810,386 713,396	4,447,989 4,546,699	(D) (D)	766,317 971,291	82,676 100,480	511,430 645,020	48,652 71,635
Harvested cropland	farms, 2007 2002	322 657	43 59	1,044 57	83 110	128 208	16 16	147 163	242 338
	acres, 2007 2002	32,217 55,670	(D) 2,840	5,863 (D)	8,884 6,507	26,658 82,298	(D) 182	(D) (D)	33,106 59,829
Part owners	farms, 2007 2002	158 223	13 25	48 47	34 44	96 100	27 32	92 55	74 88
	acres, 2007 2002	106,349 97,694	22,118 66,854	52,964 41,617	78,993 41,617	119,908 99,698	45,246 24,113	118,861 72,837	87,463 88,583
Owned land in farms	acres, 2007 2002	29,655 30,425	9,062 42,617	20,132 21,007	5,697 21,007	27,674 39,562	29,888 7,332	56,805 39,772	33,889 36,804
Rented land in farms	acres, 2007 2002	76,694 67,269	13,056 24,237	32,832 23,147	73,296 20,610	92,234 60,136	15,358 16,781	62,056 33,065	53,574 51,779
Harvested cropland	farms, 2007 2002	89 136	4 13	20 20	10 17	70 69	4 8	25 10	71 82
	acres, 2007 2002	59,958 72,068	(D) 12,972	(D) 633	14,063 19,470	66,939 55,404	(D) 80	1,267 1,800	67,237 71,390
Tenants	farms, 2007 2002	190 189	19 9	14 23	72 49	159 121	6 10	48 32	70 61
	acres, 2007 2002	(D) 134,163	25,888 12,742	1,799 (D)	45,516 13,697	160,887 90,574	1,659 8,250	8,751 2,501	74,365 70,907
Harvested cropland	farms, 2007 2002	109 141	5 4	1 5	21 19	128 98	1 3	8 4	67 55
	acres, 2007 2002	98,007 104,713	(D) (D)	(D) 42	9,431 6,124	115,479 69,933	(D) 51	(D) (D)	71,816 65,819
2007 NUMBER OF ALL OPERATORS									
Total operators	number	3,026	566	5,355	1,024	1,378	308	1,216	718
Farms by number of operators:									
1 operator		845	168	1,236	335	339	101	363	274
2 operators		782	125	1,195	215	348	75	332	128
3 operators		118	32	439	47	76	11	58	36
4 operators		27	5	28	14	9	6	8	8
5 or more operators		21	4	51	11	13	-	2	6
Total women operators	number	1,208	195	2,514	413	441	127	476	174
Farms by number of women operators:									
1 operator		987	181	1,804	336	357	108	445	150
2 operators		87	7	262	37	32	5	14	8
3 operators		10	-	47	1	4	3	1	1
4 operators		3	-	6	-	2	-	-	-
5 or more operators		1	-	4	-	-	-	-	1
2002 NUMBER OF ALL OPERATORS									
Total operators	number	3,452	412	473	933	1,191	258	1,035	885
Farms by number of operators:									
1 operator		1,047	114	151	240	305	76	222	320
2 operators		875	97	121	212	300	58	287	142
3 operators		132	19	7	38	52	9	40	47
4 operators		42	4	5	10	22	8	14	8
5 or more operators		14	5	7	17	8	1	12	14
Total women operators	number	1,341	156	136	399	370	102	418	189
Farms by number of women operators:									
1 operator		1,095	134	123	293	314	73	340	132
2 operators		106	11	5	33	22	9	25	22
3 operators		10	-	1	8	4	2	8	3
4 operators		1	-	-	4	-	-	1	1
5 or more operators		-	-	-	-	-	1	-	-
PRINCIPAL OPERATOR CHARACTERISTICS									
Sex of operator:									
Male	farms, 2007 2002	1,295 1,541	248 171	1,582 256	434 327	641 590	146 118	547 429	399 491
	acres, 2007 2002	461,921 412,901	789,359 655,433	(D) 4,545,303	(D) 251,041	1,017,720 397,721	123,233 125,077	588,511 645,660	203,485 222,798
Female	farms, 2007 2002	498 569	86 68	1,367 35	188 190	144 97	47 34	209 146	53 40
	acres, 2007 2002	23,548 214,353	69,033 137,559	(D) 49,759	13,942 (D)	29,392 763,842	6,348 7,766	50,531 74,702	6,995 8,327
Primary occupation:									
Farming20072002	909 1,194	163 159	2,087 168	256 283	412 467	77 93	349 301	260 338
Other20072002	884 916	171 80	862 123	366 234	373 220	116 59	407 274	192 193

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Table 46. Selected Operation and Operator Characteristics: 2007 and 2002 - Con.

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

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	
PRINCIPAL OPERATOR CHARACTERISTICS - Con.									
Place of residence:									
On farm operated	2007	12,384	3,527	831	1,163	252	262	93	60
	2002	5,426	250	759	161	142	214	98	63
Not on farm operated	2007	3,253	716	234	434	27	81	34	39
	2002	1,868	113	191	52	22	63	26	38
Days worked off farm:									
None	2007	6,646	2,130	417	834	68	125	45	47
	2002	3,579	158	468	99	80	127	49	61
Any	2007	8,991	2,113	648	763	211	218	82	52
	2002	3,715	205	482	114	84	150	75	40
1 to 49 days	2007	1,627	391	97	221	79	24	13	6
	2002	431	32	52	8	19	12	13	3
50 to 99 days	2007	1,063	286	66	92	14	8	6	2
	2002	249	13	36	17	7	4	6	3
100 to 199 days	2007	1,391	325	125	133	11	64	14	5
	2002	456	19	73	16	6	25	13	7
200 days or more	2007	4,910	1,111	360	317	107	122	49	39
	2002	2,579	141	321	73	52	109	43	27
Years on present farm:									
2 years or less	2007	523	50	49	31	2	30	12	5
	2002	420	17	49	13	5	3	4	-
3 or 4 years	2007	1,029	147	110	51	25	25	11	4
	2002	754	39	94	9	14	23	12	4
5 to 9 years	2007	2,677	594	200	219	28	66	17	17
	2002	1,673	79	227	62	33	59	25	25
10 years or more	2007	11,408	3,452	706	1,296	224	222	87	73
	2002	4,447	228	580	129	112	192	83	72
Average years on present farm	2007	22.3	26.4	17.3	26.7	24.9	20.5	18.1	20.0
	2002	16.5	17.8	16.2	17.3	19.9	19.4	18.3	18.5
Age group:									
Under 25 years	2007	80	13	4	1	-	2	-	-
	2002	37	5	6	-	-	-	-	-
25 to 34 years	2007	679	195	41	43	9	16	6	1
	2002	361	27	54	8	3	10	6	3
35 to 44 years	2007	1,732	490	89	185	10	33	12	15
	2002	1,180	47	116	37	17	23	7	15
45 to 54 years	2007	3,677	924	219	383	43	72	25	22
	2002	2,217	99	279	85	45	77	49	34
55 to 59 years	2007	2,015	436	161	212	33	40	15	14
	2002	939	31	116	32	31	29	10	15
60 to 64 years	2007	1,960	469	161	158	41	52	32	13
	2002	858	41	120	15	11	40	15	17
65 to 69 years	2007	1,791	522	156	160	26	52	20	22
	2002	671	46	94	12	18	40	9	12
70 years and over	2007	3,703	1,194	234	453	117	76	23	12
	2002	1,031	67	165	24	39	58	28	5
Average age	2007	58.5	59.6	59.5	59.8	62.5	59.0	60.6	57.5
	2002	54.9	55.9	56.0	53.8	59.0	58.7	57.1	54.2
INTERNET ACCESS									
Farms with-									
Internet access	2007	6,266	623	643	348	125	201	82	52
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
High-speed internet access	2007	4,208	302	455	212	82	148	66	36
	2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
FARM TYPOLOGY (SEE TEXT)									
Small family farms:									
Limited-resource	farms, 2007	5,692	2,284	184	793	89	36	19	10
	acres, 2007	214,774	38,881	41,753	8,961	2,004	2,594	6,055	853
Retirement	farms, 2007	2,161	418	299	99	53	94	36	13
	acres, 2007	446,786	55,652	151,612	36,212	7,733	5,390	9,061	2,210
Residential/lifestyle	farms, 2007	3,639	670	310	297	78	106	39	20
	acres, 2007	456,668	44,240	104,202	11,439	5,167	12,709	8,332	(D)
Farming occupation/lower sales	farms, 2007	2,558	778	110	342	27	36	19	14
	acres, 2007	572,469	73,400	188,315	17,074	1,414	70,252	5,188	5,001
Farming occupation/higher sales	farms, 2007	151	2	18	4	1	8	3	2
	acres, 2007	225,779	(D)	29,434	(D)	(D)	1,727	(D)	(D)
Large family farms	farms, 2007	161	-	21	9	2	8	1	5
	acres, 2007	303,662	-	46,344	69,797	(D)	8,349	(D)	3,984
Very large family farms	farms, 2007	414	2	38	2	1	14	1	21
	acres, 2007	812,187	(D)	91,611	(D)	(D)	20,036	(D)	66,192
Nonfamily farms	farms, 2007	861	89	85	51	28	41	9	14
	acres, 2007	23,085,574	(D)	170,955	5,934,188	1,149,982	1,224,572	1,760	(D)
TYPE OF ORGANIZATION									
Family or individual	farms, 2007	13,721	4,147	820	1,525	242	297	94	63
	2002	5,695	321	754	155	136	225	105	58
	acres, 2007	1,597,797	170,393	460,919	42,878	(D)	(D)	20,169	(D)
	2002	2,322,529	(D)	545,149	301,095	16,060	(D)	18,807	25,450
Partnership	farms, 2007	962	63	124	25	13	21	17	27
	2002	841	23	108	14	12	31	13	26
	acres, 2007	1,378,550	26,710	214,550	103,179	2,303	123,459	1,729	67,382
	2002	1,482,031	17,657	291,231	295,841	6,148	36,587	7,584	47,407

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Table 46. Selected Operation and Operator Characteristics: 2007 and 2002 - Con.

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

Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
PRINCIPAL OPERATOR CHARACTERISTICS - Con.								
Place of residence:								
On farm operated .....2007	1,437	254	2,529	493	478	148	616	241
.....2002	1,564	185	1,966	389	456	124	503	322
Not on farm operated .....2007	356	80	420	129	307	45	140	211
.....2002	546	54	95	128	231	28	72	209
Days worked off farm:								
None .....2007	669	78	1,303	195	264	64	255	152
.....2002	1,031	136	1,135	235	355	73	294	278
Any .....2007	1,124	256	1,646	427	521	129	501	300
.....2002	1,079	103	156	282	332	79	281	253
1 to 49 days .....2007	164	45	342	48	37	13	90	57
.....2002	99	7	22	31	53	7	38	35
50 to 99 days .....2007	92	25	262	46	56	13	74	21
.....2002	64	6	10	26	14	11	21	11
100 to 199 days .....2007	121	30	273	70	74	11	74	61
.....2002	125	15	17	27	38	21	36	18
200 days or more .....2007	747	156	769	263	354	92	263	161
.....2002	791	75	107	198	227	40	186	189
Years on present farm:								
2 years or less .....2007	65	34	58	35	70	14	47	21
.....2002	115	13	34	50	53	13	24	27
3 or 4 years .....2007	113	28	191	78	105	21	89	31
.....2002	212	19	19	55	97	16	90	51
5 to 9 years .....2007	405	78	437	111	197	33	198	77
.....2002	520	52	53	119	136	36	127	120
10 years or more .....2007	1,210	194	2,263	398	413	125	422	323
.....2002	1,263	155	185	293	401	87	334	333
Average years on present farm .....2007	17.6	15.9	25.4	17.0	14.7	18.1	15.3	18.9
.....2002	16.2	16.8	17.4	15.1	15.4	16.6	15.9	16.2
Age group:								
Under 25 years .....2007	16	-	10	17	7	-	8	2
.....2002	6	-	1	6	13	-	-	-
25 to 34 years .....2007	101	18	118	29	47	7	27	27
.....2002	105	5	14	20	51	4	23	28
35 to 44 years .....2007	204	36	333	50	140	12	79	44
.....2002	420	50	59	68	126	10	63	122
45 to 54 years .....2007	514	89	657	158	220	30	178	143
.....2002	703	69	73	163	199	47	154	141
55 to 59 years .....2007	246	83	370	85	123	35	101	59
.....2002	285	31	23	75	77	20	95	69
60 to 64 years .....2007	259	36	331	109	92	31	120	56
.....2002	213	27	47	65	103	25	58	61
65 to 69 years .....2007	188	31	323	65	69	32	86	39
.....2002	148	21	40	51	57	15	69	39
70 years and over .....2007	265	41	807	109	87	46	157	82
.....2002	230	36	34	69	61	31	113	71
Average age .....2007	55.8	55.9	59.4	56.8	53.3	61.6	58.2	56.5
.....2002	53.2	55.9	55.2	55.2	52.2	58.7	57.8	54.0
INTERNET ACCESS								
Farms with-								
Internet access .....2007	1,412	200	646	444	536	137	513	304
.....2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
High-speed internet access .....2007	1,016	152	292	322	411	86	384	244
.....2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
FARM TYPOLOGY (SEE TEXT)								
Small family farms:								
Limited-resource .....farms, 2007	254	73	1,525	113	99	32	134	47
.....acres, 2007	12,251	25,596	28,812	18,924	3,657	10,772	12,904	757
Retirement .....farms, 2007	318	63	291	117	88	50	164	58
.....acres, 2007	11,702	26,965	28,574	54,724	14,071	13,318	29,098	464
Residential/lifestyle .....farms, 2007	584	119	519	218	266	55	249	109
.....acres, 2007	22,530	(D)	58,745	39,988	39,826	12,041	64,397	(D)
Farming occupation/lower sales .....farms, 2007	289	39	534	86	100	20	125	39
.....acres, 2007	22,555	41,521	(D)	45,727	28,066	3,241	60,770	(D)
Farming occupation/higher sales .....farms, 2007	36	7	7	8	17	2	11	25
.....acres, 2007	12,693	47,608	45,694	(D)	12,204	(D)	38,554	8,607
Large family farms .....farms, 2007	36	3	3	6	38	1	7	21
.....acres, 2007	27,618	(D)	25	539	42,102	(D)	(D)	(D)
Very large family farms .....farms, 2007	137	2	4	18	113	1	1	59
.....acres, 2007	194,035	(D)	(D)	57,738	178,693	(D)	(D)	123,990
Nonfamily farms .....farms, 2007	139	28	66	56	64	32	65	94
.....acres, 2007	182,085	640,230	4,328,413	(D)	728,493	35,604	382,241	54,328
TYPE OF ORGANIZATION								
Family or individual .....farms, 2007								
.....2002	1,373	278	2,872	465	514	135	581	315
.....acres, 2007	1,648	190	235	417	476	112	484	379
.....farms, 2007	115,179	(D)	(D)	62,483	120,240	54,063	166,072	65,006
.....2002	131,550	(D)	203,365	74,222	167,975	58,406	298,302	76,219
Partnership .....farms, 2007								
.....2002	218	26	47	81	159	25	61	55
.....acres, 2007	253	22	23	39	130	20	45	82
.....farms, 2007	213,480	45,232	89,330	132,609	172,500	44,580	81,261	60,246
.....2002	204,082	26,408	77,104	88,497	146,760	56,509	105,828	74,388

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Table 46. Selected Operation and Operator Characteristics: 2007 and 2002 - Con.

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

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
TYPE OF ORGANIZATION - Con.								
Corporation:								
Family-held	farms, 2007	612	18	73	28	13	11	4
	2002	518	10	60	30	4	13	8
	acres, 2007	1,714,673	32,590	75,763	835,734	934	36,049	12,449
	2002	1,012,669	(D)	84,928	(D)	755	29,658	(D)
Other than family held	farms, 2007	117	3	27	5	1	3	1
	2002	75	1	8	1	3	1	3
	acres, 2007	146,596	3,344	11,564	82	(D)	(D)	(D)
	2002	107,657	(D)	(D)	(D)	72	(D)	5,740
Other - cooperative, estate or trust, institutional, etc.								
	farms, 2007	225	12	21	14	10	11	5
	2002	165	8	20	13	9	7	4
	acres, 2007	21,280,283	(D)	61,430	5,120,070	(D)	1,089,661	920
	2002	21,661,691	(D)	(D)	5,354,617	(D)	(D)	(D)
Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
TYPE OF ORGANIZATION - Con.								
Corporation:								
Family-held	farms, 2007	148	17	19	50	79	16	73
	2002	174	15	11	39	56	13	33
	acres, 2007	26,970	101,119	47,376	76,650	46,706	10,984	343,822
	2002	56,109	52,458	72,069	32,123	35,178	10,375	309,272
Other than family held	farms, 2007	20	1	3	4	14	6	12
	2002	15	1	-	9	12	4	6
	acres, 2007	5,066	(D)	(D)	(D)	5,957	(D)	22,704
	2002	5,698	(D)	-	(D)	4,043	(D)	2,466
Other - cooperative, estate or trust, institutional, etc.								
	farms, 2007	34	12	8	22	19	11	29
	2002	20	11	22	13	13	3	7
	acres, 2007	124,774	606,455	4,242,791	(D)	701,709	(D)	25,183
	2002	229,815	587,375	4,242,524	(D)	807,607	(D)	4,494

Table 47. Women Principal Operators - Selected Farm Characteristics: 2007

[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
STATE TOTAL											
Arizona	6,020	3,352,038	1,755	23,643	78,235	2,869	772	319	1,539	369	152
COUNTIES											
Apache	2,259	31,287	776	2,904	3,973	1,246	284	62	526	120	21
Cochise	239	88,861	42	774	2,756	53	24	35	74	39	14
Coconino	771	(D)	203	451	1,397	406	117	23	203	14	8
Gila	83	(D)	9	(D)	421	41	2	5	28	4	3
Graham	55	898,401	18	381	976	6	1	9	27	8	4
Greenlee	15	1,857	1	(D)	(D)	-	1	5	8	-	1
La Paz	6	379	-	-	(D)	3	-	-	3	-	-
Maricopa	498	23,548	65	8,601	37,233	157	52	45	139	55	50
Mohave	86	69,033	9	89	1,078	18	17	12	30	6	3
Navajo	1,367	(D)	502	1,208	2,712	772	215	41	272	53	14
Pima	188	13,942	14	205	1,500	53	25	19	71	14	6
Pinal	144	29,392	36	3,420	2,515	40	13	16	47	18	10
Santa Cruz	47	6,348	8	173	490	10	2	6	16	6	7
Yavapai	209	50,531	46	300	1,440	55	18	25	80	24	7
Yuma	53	6,995	26	4,871	21,447	9	1	16	15	8	4

Table 48. Women Operators: 2007

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

Geographic area	All farms with a woman operator ¹			Farms with a woman principal operator	
	Farms	Women operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Arizona	10,142	11,263	4,461,487	6,020	3,352,038
COUNTIES					
Apache	3,079	3,517	81,304	2,259	31,287
Cochise	598	638	312,621	239	88,861
Coconino	1,198	1,307	686,557	771	(D)
Gila	158	166	(D)	83	(D)
Graham	135	138	1,001,524	55	898,401
Greenlee	63	64	15,560	15	1,857
La Paz	31	31	42,877	6	379
Maricopa	1,080	1,174	115,785	498	23,548
Mohave	186	189	85,209	86	69,033
Navajo	2,122	2,466	(D)	1,367	(D)
Pima	367	392	149,586	188	13,942
Pinal	392	421	138,133	144	29,392
Santa Cruz	116	122	38,667	47	6,348
Yavapai	460	474	139,297	209	50,531
Yuma	157	164	46,893	53	6,995

¹ Data were collected for a maximum of three operators per farm.

Table 49. Women Principal Operators - Tenure: 2007

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

Geographic area	Total farms	Full owners			Part owners			Tenants		
		Farms	Land in farms (acres)	Harvested cropland (acres)	Farms	Land in farms (acres)	Harvested cropland (acres)	Farms	Land in farms (acres)	Harvested cropland (acres)
STATE TOTAL										
Arizona	6,020	5,806	3,205,059	9,321	116	113,354	3,326	98	33,625	10,996
COUNTIES										
Apache	2,259	2,247	(D)	(D)	11	16,444	(D)	1	(D)	(D)
Cochise	239	196	61,108	(D)	31	27,057	(D)	12	696	(D)
Coconino	771	766	(D)	(D)	5	1,412	(D)	-	-	-
Gila	83	70	(D)	(D)	7	1,571	-	6	57	-
Graham	55	51	(D)	(D)	3	(D)	(D)	1	(D)	(D)
Greenlee	15	11	1,565	(D)	4	292	-	-	-	-
La Paz	6	5	(D)	-	-	-	-	1	(D)	-
Maricopa	498	460	(D)	(D)	18	(D)	(D)	20	(D)	7,599
Mohave	86	81	61,361	(D)	3	(D)	(D)	2	(D)	-
Navajo	1,367	1,357	(D)	(D)	4	27,035	-	6	119	(D)
Pima	188	174	9,901	(D)	5	4,021	-	9	20	(D)
Pinal	144	124	16,370	(D)	5	1,338	(D)	15	11,684	1,791
Santa Cruz	47	42	4,171	(D)	4	(D)	(D)	1	(D)	(D)
Yavapai	209	183	21,630	(D)	11	28,427	(D)	15	474	(D)
Yuma	53	39	3,932	2,202	5	1,425	1,225	9	1,638	1,444

Table 50. Spanish, Hispanic, or Latino Origin Operators: 2007

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

Geographic area	All farms with a Spanish, Hispanic, or Latino operator ¹			Farms with a Spanish, Hispanic, or Latino principal operator	
	Farms	Spanish, Hispanic, or Latino operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Arizona	1,006	1,293	345,803	806	243,326
COUNTIES					
Apache	62	86	11,762	48	11,236
Cochise	135	156	33,910	118	29,759
Coconino	27	32	19,295	14	(D)
Gila	26	35	2,091	16	(D)
Graham	22	29	1,582	20	1,431
Greenlee	13	14	1,099	11	796
La Paz	25	35	62,088	22	50,645
Maricopa	145	201	45,227	116	22,906
Mohave	22	28	4,184	9	(D)
Navajo	59	86	5,008	44	4,651
Pima	112	149	45,400	103	26,697
Pinal	132	170	44,036	98	32,177
Santa Cruz	35	36	11,500	28	9,498
Yavapai	50	60	26,546	43	21,304
Yuma	141	176	32,075	116	13,035

¹ Data were collected for a maximum of three operators per farm.

Table 51. American Indian or Alaska Native Operators: 2007

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

Geographic area	All farms with an American Indian or Alaska Native operator ¹			Farms with an American Indian or Alaska Native principal operator	
	Farms	American Indian or Alaska Native operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Arizona	8,475	13,794	20,773,470	8,436	20,764,749
COUNTIES					
Apache	4,011	6,506	(D)	4,009	(D)
Cochise	28	39	3,781	26	(D)
Coconino	1,376	2,095	4,872,170	1,372	4,872,106
Gila	92	100	1,148,846	91	1,148,844
Graham	54	56	1,084,318	53	1,083,803
La Paz	34	42	177,721	33	175,885
Maricopa	75	90	133,702	65	133,647
Mohave	56	75	(D)	55	(D)
Navajo	2,618	4,633	4,243,806	2,614	4,243,680
Pima	13	15	(D)	11	(D)
Pinal	65	86	714,673	57	710,167
Santa Cruz	8	8	675	8	675
Yavapai	41	45	5,287	38	(D)
Yuma	4	4	33	4	33

¹ Data were collected for a maximum of three operators per farm.

Table 52. Asian Operators: 2007

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

Geographic area	All farms with an Asian operator ¹			Farms with an Asian principal operator	
	Farms	Asian operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Arizona	71	99	18,921	64	18,477
COUNTIES					
Cochise	6	6	(D)	5	(D)
Graham	1	1	(D)	-	-
Maricopa	23	30	387	21	(D)
Pima	16	26	5,724	15	5,723
Pinal	8	12	(D)	8	(D)
Yavapai	4	4	44	4	44
Yuma	13	20	11,092	11	(D)

¹ Data were collected for a maximum of three operators per farm.

Table 53. Black or African American Operators: 2007

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

Geographic area	All farms with a Black or African American operator ¹			Farms with a Black or African American principal operator	
	Farms	Black or African American operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Arizona	48	51	1,775	40	1,616
COUNTIES					
Cochise	9	9	377	6	(D)
Graham	3	3	(D)	3	(D)
Maricopa	17	20	(D)	13	223
Pima	2	2	(D)	1	(D)
Pinal	17	17	794	17	794

¹ Data were collected for a maximum of three operators per farm.

Table 54. Native Hawaiian or Other Pacific Islander Operators: 2007

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

Geographic area	All farms with a Native Hawaiian or Other Pacific Islander operator ¹			Farms with a Native Hawaiian or Other Pacific Islander principal operator	
	Farms	Native Hawaiian or Other Pacific Islander operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Arizona	17	19	1,251	8	1,114
COUNTIES					
Apache	1	1	(D)	-	-
Cochise	2	2	(D)	1	(D)
Coconino	5	5	10	-	-
Maricopa	1	1	(D)	1	(D)
Navajo	3	5	(D)	1	(D)
Pima	2	2	(D)	2	(D)
Pinal	3	3	(D)	3	(D)

¹ Data were collected for a maximum of three operators per farm.

Table 55. White Operators: 2007

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

Geographic area	All farms with a White operator ¹			Farms with a White principal operator	
	Farms	White operators	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Arizona	7,152	11,355	5,327,179	7,042	5,303,905
COUNTIES					
Apache	250	384	(D)	233	(D)
Cochise	1,034	1,599	820,591	1,022	819,797
Coconino	233	379	1,229,893	225	1,229,837
Gila	189	317	17,658	188	17,613
Graham	285	401	261,799	285	261,799
Greenlee	127	211	35,267	127	35,267
La Paz	66	103	(D)	66	(D)
Maricopa	1,706	2,757	353,136	1,688	350,438
Mohave	268	445	(D)	267	(D)
Navajo	340	539	259,063	331	(D)
Pima	591	921	275,261	584	272,440
Pinal	720	1,203	331,568	697	319,884
Santa Cruz	185	294	128,906	185	128,906
Yavapai	718	1,150	630,369	710	629,570
Yuma	440	652	202,526	434	(D)

¹ Data were collected for a maximum of three operators per farm.

Table 56. Operators Reporting More Than One Race: 2007

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

Geographic area	All farms with an operator reporting more than one race ¹			Farms with a principal operator reporting more than one race	
	Farms	Operators reporting more than one race	Land in farms (acres)	Farms	Land in farms (acres)
STATE TOTAL					
Arizona	72	87	40,003	47	28,038
COUNTIES					
Apache	1	1	(D)	1	(D)
Cochise	7	9	4,515	5	514
Coconino	2	2	(D)	-	-
Graham	3	4	(D)	2	(D)
Maricopa	9	9	1,221	5	(D)
Mohave	12	21	(D)	12	(D)
Navajo	3	3	(D)	3	(D)
Pima	15	15	2,540	9	(D)
Pinal	7	8	15,395	3	15,335
Yavapai	9	11	(D)	4	(D)
Yuma	4	4	(D)	3	7

¹ Data were collected for a maximum of three operators per farm.

Appendix A.

Census of Agriculture Methodology

THE CENSUS POPULATION

The Census Mail List

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 meet the NASS farm definition, that is, an operation that produces, or would normally produce and sell, \$1,000 or more of agricultural products per year. The CML compilation begins with the 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 that are used to efficiently administer the census of agriculture and 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 also obtains special commodity lists to address specific list deficiencies. These outside source lists are matched to the NASS list using record linkage programs. Most names on newly acquired lists are already on the NASS list. Records not on the NASS list are treated as potential farms until NASS can confirm their existence as a qualifying farm. Staff in NASS field offices routinely contact these potential farms to determine if they meet the NASS farm definition. For the 2007 Census of Agriculture, NASS made a concerted effort to work with Community-Based Organizations not only to improve list coverage for minorities but also to increase census awareness and participation.

List building activities for developing the 2007 CML

started in 2004. Between 2004 and 2007, NASS conducted a series of Agricultural Identification Surveys (AIS) on approximately 1.7 million records, which included nonrespondents from the 2002 census and newly added records from outside list sources. The AIS report form collected information that was used to determine if an operation met the NASS farm definition. If the definition was met, the operation was added to the NASS list and subsequently to the CML. Addressees that were nonrespondents were also added to the CML and identified with a special status code.

Measures were taken to improve name and address quality. Additional record linkage programs were run to detect and remove duplicate records both within each State 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 list with missing or invalid phone numbers were matched against a nationally available telephone database to obtain as many phone numbers as possible.

The official CML was established on September 1, 2007. The list contained 3,194,373 records. There were 2,198,410 records that were thought to meet the NASS farm definition and 995,963 potential farm records, which included AIS nonrespondents, other records added to the CML by the NASS field offices, and late adds to the CML that were not included in any previous AIS or State screening survey.

Not on the Mail List

To account for farming operations not on the CML, NASS used its area frame. The NASS area frame covers all land in the U.S. and includes all farms. The land in the U.S. is stratified by characteristics of the land. Segments of approximately equal size are

delineated within each strata and designated on aerial photographs. A probability sample of segments is drawn within each strata for the NASS annual area frame survey, known as the June Agricultural Survey (JAS). The JAS sample of segments is allocated to strata to provide accurate measures of acres planted to widely grown crops and inventories of hogs and cattle. Sampled segments in the June Survey are personally enumerated. Each operation identified within a segment boundary is known as a tract.

The 2007 JAS sample was allocated to strata so that it would provide additional measures of small and minority owned farms. The 2007 JAS consisted of 10,912 regular sampled segments, supplemented with 3,692 Agricultural Coverage Evaluation Survey (ACES) segments – segments selected to provide measures of small and minority owned farms. These additional ACES segments targeted farming demographics that typically had lower coverage rates on the list.

The information from each tract (operation) within a segment is matched against operations on the NASS list to determine the amount of undercoverage that exists for a wide range of farming sectors and farmer demographics. The names and addresses collected in the 2007 JAS and 2007 ACES were matched to the CML and checked for duplication. Farms from the June 2007 survey that did not match were determined to be Not on the Mail List (NML) and sent a report form of a different color to be easily identified. Data from the NML operations provided a measure of the undercoverage of the CML operations. Instructions on the census report form guided the respondent to complete the CML form and mail back both CML and NML forms together if duplicate forms were received. Those who returned a CML census form and an NML census form had been erroneously classified as NML and were removed from the NML.

The percentage of farms not represented on the CML 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 that it did not appear in any agriculture-

related source lists, or the operation was erroneously classified as a nonfarm prior to mailout.

The NML consisted of 12,821 tracts. The CML was used with the NML in multiple frame estimation to represent all farming operations across all States, with the exception of Alaska. It is financially and logistically unfeasible to maintain an area frame in Alaska due to its vast land mass and relatively sparse agriculture.

DATA COLLECTION

Method of Enumeration

Mailout and mailback was the primary data collection method. It was supplemented with Electronic Data Reporting (EDR) on the Internet and non-response follow-ups by telephone and personal enumeration. The enumeration methods used in the 2007 census were similar to those used in the 2002 census.

Report Forms

A master report form was developed that included all data items to be collected in the census. From the master, two types of report forms were developed to be used in the 2007 census - a regionalized report form with 7 versions and a national report form. Each of the 24-page regionalized report forms (07-A0201, 07-A0202, 07-A0203, 07-A0204, 07-A0205, 07-A0206, 07-A0207) were designed to facilitate reporting crops most commonly grown within the report form region. The 12-page national report form (07-A0100) was designed for operations throughout the country with few commodities. The national report form collected the same information as the regional form, but it was formatted to fit on fewer pages. All of the forms allowed respondents to write in specific commodities that were not identified on their form. The national form was mailed to approximately 528,000 addresses on the CML (about 20 percent) and the regional form was mailed to 2.67 million addresses on the CML (about 80 percent).

Report Form Mailings and Respondent Follow-up

The initial mailout took place at the end of December 2007. Approximately 3.2 million packets

were mailed. Each packet contained a cover letter, instruction sheet, a labeled report form, and a return envelope. Mailout packet preparation, initial mailout, and two follow-up mailings to nonrespondents were handled by the Census Bureau's National Processing Center (NPC) in Jeffersonville, IN. The first follow-up was mailed during the last two weeks of February 2008 to approximately 1.3 million nonrespondents. The second follow-up was mailed the beginning of April 2008 to approximately 1.0 million nonrespondents. Additionally, NPC received, checked-in, scanned, and keyed (from image) returned report forms. NASS statisticians on site at NPC provided technical guidance and monitored NPC processing activities.

Select groups of census records were identified to receive special handling procedures. Report forms were labeled at NPC and shipped to the field offices for enumeration. These respondents were excluded from the initial and both follow-up mailings, and were referred to as "must" operations. Each "must" operation was enumerated by telephone or face-to-face. If a record was determined to be no longer in operation, their non-farm status was verified and documented. The field offices were responsible for enumerating or resolving all non-response "must" records in their State. Computer Assisted Telephone Interview (CATI) calling for nonrespondent "must" records was conducted between March 2008 and June 2008. Once enumerated, the report forms were either sent to NPC for check-in and data capture or the data were keyed directly from the form at the field office. The 169,000 "must" records fell into one of five groups.

The first "must" group consisted of 46,000 records "tagged" by the NASS field offices for personal enumeration rather than mailout and mailback enumeration. The second "must" group consisted of 4,000 "specialized" records including such operations as grazing associations, governmental units, research farms, college farms, etc.. The third "must" group was characterized by location. All 3,000 records in Alaska and Rhode Island were identified as "must" records because census statistics for these two States were based on responses to the CML because nonresponse was not permitted. The last two groups consisted of a total of 116,000 records expected to have either a large number of

acres in farm land or a large value of sales. Threshold levels were identified for each State.

Advanced Follow-up was conducted between February 2008 and April 2008. It focused on three groups of nonrespondents that included: respondents least likely to respond because they were nonrespondents to the 1997 and 2002 Censuses of Agriculture, even though they may have responded to other NASS surveys; respondents viewed as easy and quick interviews based on expected sales of zero, including respondents who received Conservation Reserve Program (CRP) payments and respondents to the AIS with expected future sales; and new records whose farm status was uncertain due to unsuccessful earlier screening attempts. The field offices conducted CATI and field enumeration for operations in their State. This phase was followed by Low-Response County Follow-up to attempt to reach a minimum response rate of at least 75 percent in all counties. It was conducted by the field offices using CATI between March 2008 and June 2008.

DATA COLLECTION OUTREACH AND PROMOTIONAL EFFORTS

NASS engaged in an unprecedented level of public outreach for the 2007 Census of Agriculture, seeking to increase the level of awareness and response among U.S. agricultural producers and, in particular, minority and small farm operators. This was accomplished through an integrated marketing communications program that focused on four primary areas: partnership building, public relations, paid media, and the Internet. External support was provided by a private agricultural marketing communications agency.

The unifying force behind the 2007 marketing campaign was the theme "Your Voice, Your Future, Your Responsibility." This was accompanied by supporting messages and artwork that created a consistent look and feel for all census communications.

Partnership

At the national level, NASS officials met with leaders from dozens of key agricultural organizations and other USDA agencies, successfully securing

their support in promoting the census among their constituencies through publications, special mailings, speeches, and other communications. In addition, NASS made special efforts to reach out to minority and limited-resource farmers and ranchers by partnering with a number of community-based organizations. The national-level outreach was mirrored by field offices at the State and local levels. Among the features of these collective efforts was the production of State-specific radio public service announcements (PSAs) featuring State secretaries and commissioners of agriculture, as well as a national radio PSA featuring the U.S. Secretary of Agriculture.

Coverage of American Indian and Alaska Native Farm Operators

To maximize coverage of American Indian and Alaska Native farm operators, special procedures were followed in the census. A concerted effort was made to get individual reports from every American Indian and Alaska Native farm operator in the country. If this was not possible within some reservations, a single reservation-level census report was obtained from knowledgeable reservation officials. 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 form.

This information is summarized in Table D, **American Indian and Alaska Native Operators: 2007** (Table A in the Alaska publication), providing the number of farm operators (for up to three operators per farm) reported as American Indian or Alaska Native in the race category, either as a single race or in combination with other races, 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. The “Total” column is simply a sum of the “Individually reported” and the “Other” columns. Tables in other parts of the publication count the reservation-level reports as single farms.

Public Relations

In the public relations arena, NASS and the contractor worked with the agriculture media at the national level and equipped NASS’s 46 field offices with communications tools that enabled them to deliver the right message to producers in their States. From customizable press releases, to radio public service announcements, to a video news release, to newsletter articles and letters to the editor, the public relations strategy was designed to ensure NASS fields offices could easily and effectively deliver the census message to local media. As a result, in the print media alone, the public relations efforts generated 27 million media impressions.

Paid Media

Because there were certain constituencies that were difficult to reach through partnership or public relations, NASS also employed a paid media strategy that was narrowly targeted to reach previously under-represented populations. NASS purchased limited print and radio advertising in areas where there were high concentrations of minority farmers and where 2002 census response rates were low.

Internet

For the 2007 census, NASS created a dedicated website, www.agcensus.usda.gov. This became a repository for all types of census information, including basic background materials, previous years’ census data, sample report forms, and news releases and other publicity materials. The website also enabled individuals to submit their contact information to ensure that they were on the mailing list to receive a census form. NASS also enhanced its online presence by purchasing banner ads and pay-per-click advertisements on key agricultural websites as well as major search engines.

REPORT FORM PROCESSING

Data Capture

All report forms returned to NPC were immediately checked in, using bar codes printed on the mailing label, and removed from follow up mailings. All forms with any data were scanned and an image was made of each page of a report form. Optical Mark Recognition (OMR) was used to capture categorical responses and to identify the other answer zones in which some type of mark was present.

Data entry operators keyed data from the scanned images using OMR results that highlighted the areas of the report forms with respondent entries. The keyer evaluated the contents and captured pertinent responses. Ten percent of the captured data were keyed a second time for quality control. If differences existed between the first keyed value and the second, an adjudicator handled resolution. The decision of the adjudicator was used to grade the performance of the keyers, who were required to maintain a certain accuracy level.

The images and the captured data were transferred to NASS's centralized network and became available to field offices and headquarters on a flow basis. The images were available for use in all stages of review. Images were computer generated for reports obtained from the telephone interviews and the Internet.

Editing Data

Captured data were processed through a format program. The 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 sent to a batch edit process. Each execution of the computer edit in batch mode consisted of records from only one State and flowed as the data were received from NPC.

All 2007 census records were passed through a complex computer edit. The edit determined whether a reporting operation met the minimum criteria to be counted as a qualifying farm (in-scope). Operations failing to meet the minimum criteria (out-of-scope) were referred to analysts for verification.

The edit examined each in-scope record for reasonableness and completeness and determined whether to accept the recorded value for each data item or take corrective action. Actions included removing erroneously reported values, replacing an unreasonable value with one consistent with other reported data, or providing a value for an overlooked item. To the extent possible, the edit determined a replacement value. Strategies for determining replacement values are discussed in the next section.

The edit systematically checked reported data section-by-section with the overall objective of achieving an internally consistent and complete report. NASS subject-matter experts defined the criteria for acceptable data. Problems that could not be resolved within the edit were referred to an analyst for intervention. Analysts in the NASS field offices used additional information sources, examined the scanned image, and determined an appropriate action. Field office analysts used an interactive version of the edit program to submit corrected data and immediately re-edit the record to ensure a satisfactory solution.

Imputing for Missing Data

Missing data occurred whenever a respondent failed to report in a cell that should have a positive value or when the edit determined a value was not reasonable and should be changed. The edit performed a sequence of steps that determined the best value to impute for the missing item. If an item could not be calculated directly from other data reported on the current form, the edit checked for previously reported data. Acreage, production, and inventory items may have been reported on a recent NASS crop or livestock survey. Operator characteristics, such as race and gender, were brought forward from the previous census if the operator had not changed in five years. Administrative data from the Farm Service Agency was used for a few items, such as Conservation Reserve Program acreage. When these deterministic sources failed to produce a solution, the edit invoked an automated imputation system which searched for a reporting farm of similar type, size, and location to provide a value for the missing data item. If the imputation algorithm failed to provide a solution, the record was referred to an analyst for resolution.

The guiding principal for imputation was to find a close match to the farm with the missing item. The census imputation algorithm relied on pre-established donor pools, one for each State. A donor pool included a collection of completed reports that had successfully navigated the edit. Each pool was further divided into groups of similar type and size, referred to as profiles. When the edit determined the need to impute an item, it went to the appropriate profile and searched for the best fit. Best fit was determined by calculating “distance” between the incomplete report and each candidate donor using a set of match variables. Match variables were specific to each section of the report form and included the latitude and longitude of the principal county of operation. The distance was the sum of the squared differences between the reported values of the match variables. The donor with the smallest distance was considered the “nearest neighbor” and became the source for the imputation action. The value returned may have been a direct copy of the donor’s value. In many cases, a relationship between two related variables on the donor record was applied to a reported value on the incomplete record. Using crop production as an example, the donor’s production was divided by its harvested acres (yield) and multiplied by the recipient’s harvested acres to obtain imputed production.

The imputation process was imbedded in the edit. When the edit determined an item required imputation, the edit program launched the algorithm, waited for a value to be returned, validated that the returned value was satisfactory, and resumed editing. Since imputation was conducted independently for each occurrence, reports requiring multiple imputations drew from multiple donors.

Initial donor pools were established before the first batch edits were run. These donor pools were “seeded” with 2002 census data that were “mapped” to look like 2007 data and passed through the 2007 edit to ensure they were consistent using the 2007 data relationships. In addition, data from the 2005 Census Content Test were similarly mapped and edited. As 2007 data were successfully processed, new records systematically replaced the older records in the donor pool. The older records disappeared entirely from the donor pool after the first few batch edits.

The donor pool for each State was refreshed weekly during the first couple of months of editing. As the flow of new data slowed, the donor pools were refreshed biweekly. During the early stages of editing, records that needed to impute production for field crops or hay were set aside. When the donor pool no longer contained old data, these records were brought back and passed through the edit, ensuring 2007 yields were imputed.

In some cases, nearest-neighbor imputation was not possible. The requirement of a positive imputed value could have ruled out all available donors, resulting in an imputation failure. An imputation failure could have occurred if there were no donors in the same profile as the report being edited. Records with imputation failures were either held until more records were available in the donor pool or referred to an analyst.

Data Analysis

The complex edit ensured the full internal consistency of the record. Successfully completing the edit did not provide insight as to whether the report was reasonable compared to other reports in the county. Analysts were provided an additional set of tools, in the form of listings and graphs, to review record-level data across farms. These examinations revealed extreme outliers, large and small, 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 interactively edited again.

WHOLE FARM NONRESPONSE ESTIMATION

Whole farm nonresponse adjustments were necessary because some farm operators did not respond to the census, despite numerous attempts to contact them. Statistical estimation procedures were used to account for these CML nonrespondents. The objectives of the nonresponse adjustments included estimating the number of in-scope records (farms) included in the total number of nonrespondents of a similar size and type by increasing the weights of reporting farms of that size and type. This procedure

was intended to account for those farms that failed to return a report form. These procedures were applied in all States, except Alaska and Rhode Island where staff were required to submit data for every record on the CML due to the low level of farming operations in these States. Large or unique farms (Must records) for which a report was required (and thus given a nonresponse weight of one) were exempt from this weighting procedure. These farms received intensive follow-ups. Data were imputed for the record if all followup contacts failed (rather than using the nonresponse weighting procedure).

After census data collection was completed, all CML records in a State were put into mutually exclusive weighting groups based on a list of farm characteristics known at the time of mail-out and the census response status of the record. Data mining techniques systematically checked selected variables, identifying those groups with differences in response rates that were statistically significant. The algorithm would take one characteristic, divide all names into two groups, and check for statistical significance between the response rates of the two groups. If a significant difference was found, these groups became permanent and the next characteristic would be examined within those two groups. If the response rate between two groups was not statistically significant, the groups were rejoined and the next characteristic was tested. This stepwise process continued until all characteristics were checked and no further statistical significance could be found. Since the “path” taken by the algorithm was driven by an individual State’s response pattern, the final breakout of weighting groups was customized for the State.

Within each weighting group, the percent of responding in-scope farms was computed. This rate was applied to the count of nonresponding farms to estimate the number of in-scope nonrespondents. The weights of the responding in-scope farms in each weighting group were scaled to account for nonresponding farms in that group.

This procedure was applied to all of the weighting groups except the one that consisted primarily of records who were included on the CML but had not responded to data collection efforts either during CML development activities or during the census

data collection phase. The estimate of in-scope records (farms) within this group was not reliable. To get a more reliable estimate, NASS conducted a nonresponse follow-up activity. After scheduled census data collection efforts were completed, a target sample of 5,000 records was selected from across all States. These 5,000 records were personally interviewed by NASS staff to determine if they were indeed in-scope records (farm) or out-of-scope records (nonfarm). Each record fell into one of these two categories. The percent of in-scope records was used to form the weight for this group.

When NASS summarizes the census of agriculture, it assigns the data from an individual report to the “principal” county. The principal county is the one county in which the majority of agricultural products are produced from a respondent. This is a question on the census report form and is therefore determined by the respondent. Because some large operations have significant production in multiple counties, some reports were broken up into multiple source counties, to more accurately allocate the data. Similarly, large farms operating in more than one State were treated as distinct, state-specific operations. A separate report form was completed for each county or State and a separate record was added.

The percent of the total that came from the whole farm nonresponse estimate is shown for selected census data items in Tables A and C. 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 section on “Item Nonresponse” in “Nonmeasured Census Error.”

COVERAGE ADJUSTMENT

Although much effort was expended making the CML as complete as possible, the census did not count all U.S. farms. NASS’s goal was to produce agricultural census totals for publication that were fully adjusted for list undercoverage at the county level. NASS used its area frame with the CML in a dual-frame estimation procedure to measure the number of farms in the population and key characteristics of those farms. Area frame segments were enumerated using field enumerators (as

described in the first section of this appendix) who personally visited the tract operators within a segment. Because field enumeration is significantly more expensive than other modes of data collection, NASS's area frame sample allocation is only designed to generate reliable estimates at the State, regional, and U.S. level. Therefore, in order to produce estimates that represented all farms at the county level, NASS used an allocation process known as "calibration" to distribute the dual-frame estimates across counties.

Once all CML and NML data were collected, NASS analysts went through an extensive process to generate adjusted estimates. The weights of the CML respondents had been previously adjusted to account for all of the CML nonrespondents, referred to as list plus nonresponse (CML+NR). Simultaneously, NASS summarized the NML tract records to generate state-level NML survey estimates. These two pieces were then combined in a dual-frame estimation procedure to form State estimates of totals that represented all farms. These estimates are annotated as [(CML+NR) +NML]. The state-level totals for these variables were summed to yield national totals.

The whole farm nonresponse and list undercoverage record weighting processes were initially applied at the State level to produce adjusted estimates of farm numbers and land in farms for 65 different categories of 8 characteristics of the farm operation or the farm operator -- value of agricultural sales (8); age (2); female; race (4); Hispanic origin of principal farm operator; total number of farms and land in farms (2); 4 sales categories for each of 10 major commodities (40); and 7 farm type groups. The national-level adjusted estimates were smoothed across States to get initial State farm operation coverage targets because state-level farm-count estimates based on this two-piece formula sometimes had unacceptably high state-level standard errors and apparent biases. This often occurs when estimating a rare item, such as female farm operators, using a general purpose survey.

The smoothing process examined the proportion of the total JAS estimate attributable to the NML, for each of the 65 variables in each State and the U.S. Since the CML was built using standard national

methods, the NML percentages were expected to be uniform across States. The smoothed NML value for each of the 65 variables in a given State was calculated as the product of the state-level NML value and the weighted average of the ratios of the NML for a given variable in the State to the overall NML in the State and the NML for the given variable in the U.S. to the overall NML in the U.S. The weighting factor was chosen to minimize the mean square error under a random effects model with the control that the sum of the State smoothed NML values was equal to the total NML estimate for each of the 65 variables. This methodology effectively draws the state-level NML undercoverage proportions of the JAS toward the national estimate of undercoverage with the most extreme values adjusted the most. The smoothed NML values for each variable were added to the (CML + NR) totals to form calibration targets for each variable. Subject-matter experts in headquarters reviewed all targets.

However, these State estimates were general purpose in that they did not provide any control over expected levels of commodity production of the farm operation. As a result of this limitation, the procedures could have over adjusted or under adjusted for commodity production. To address this, a second set of variables were added to the calibration algorithm, known as commodity coverage targets. These targets were commodity totals from administrative sources or from NASS surveys of non-farm populations (e.g. USDA Farm Service Agency program data, Agricultural Marketing Service market orders, livestock slaughter data, cotton ginning data). The introduction of these commodity coverage targets strengthened the overall adjustment procedure by ensuring that major commodity totals remained within reasonable bounds of established benchmarks. Commodity coverage targets with acceptable ranges were established by subject-matter experts for each State with New England treated as a State.

The calibration algorithm addressed farm operation undercoverage and commodity coverage concurrently. The algorithm was controlled by the 65 State farm operation coverage targets and the State commodity coverage targets. In order to ensure that the calibration process converged with so many

constraints, it was desirable to provide some tolerance ranges for each target. Although full calibration to a single point estimate 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 ensuring that farm weights were within a reasonable range and not less than one. Because of this and because calibration targets are estimates themselves subject to uncertainty, NASS allowed some tolerance in the determination of the adjusted weights. Rather than forcing the total for each calibration variable computed using the 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, adjusted weights that it would not have otherwise.

Ranges for the list farm operation coverage targets were determined differently from the commodity targets. The State target for number of farms had no tolerance range. The tolerance range for the 64 other State farm operation coverage targets was the estimated smoothed State total for the variable [(CML+NR)+NML] plus or minus one-half of one estimated standard error of NML estimate. This choice limited the cumulative deviation from the estimated total for a variable when State totals were summed to a U.S. level total. The commodity target tolerance ranges were determined by subject-matter experts, based on the amount of confidence in the source, and usually were less than plus or minus two percent of the target. Ranges were not necessarily symmetric around the target value.

Adjusted weights were obtained using truncated linear calibration which forced the final census record weights to fall in the interval [1,6]. Adjustments began with the nonresponse-adjusted weights and added a second stage weight to simultaneously satisfy all farm operation coverage and commodity coverage calibration targets. If a value within the tolerance range of any variable could not be achieved in a given State, the variable was removed as a target and the calibration algorithm was rerun. Additionally, the CML was assumed to be complete for very large and unique farms with their weight being controlled to 1 during

the calibration adjustment process.

Weight computations in the nonresponse and final coverage calibration algorithms were performed to several decimals. Thus, the fully-adjusted weights were non-integer numbers. To insure that all subdomains for which NASS publishes summed to their grand total, fully-adjusted weights were integerized. This eliminated the need for rounding individual cell values and insured that marginal totals always added correctly to the grand total. As an example of how the integerization process worked, assume there were five census records in a county with final noninteger coverage weights of 2.2, for a total of 11. The integerization process randomly selected four of these records and rounded their final weight down to 2.0 and rounded the fifth record up to 3.0, for a total of 11.

The proportions of selected census data items that are due to coverage adjustments are displayed in Tables A and C. Some estimated coverage adjustments could be negative. The use of commodity targets in calibration indirectly exposed some duplication on the census list or over adjustment by the nonresponse algorithm resulting in negative coverage adjustments.

DISCLOSURE REVIEW

After tabulation and review of the aggregates, a comprehensive disclosure review was conducted. NASS is obligated to withhold, under Title 7, U.S. Code, any total that would reveal an individual's information or allow it to be closely estimated by the public. Cell suppression was used to protect the cells that were determined to be sensitive to a disclosure of information. Farm counts are not considered sensitive and are not subject to disclosure.

Based on agency standards, data cells were determined to be sensitive to a disclosure of information if they violated either of two criteria. First, the threshold rule was violated if the data cell contained less than three operations. For example, if only one farmer produced turkeys in a county, NASS could not publish the county total for turkey inventory without disclosing that individual's information. Second, a dominance rule was violated

if the distribution of the data within the cell allowed a data user to estimate any respondent's data too closely. For example, if there are many farmers producing turkeys in a county and some of them were large enough to dominate the cell total, NASS could not publish the county total for turkey inventory without risking disclosing an individual respondent's data. In both of these situations, the data were suppressed and a "(D)" was placed in the cell in the census publication table. These data cells were referred to as primary suppressions.

Since most items were summed to marginal totals, primary suppressions within these summation relationships were protected by ensuring that there were additional suppressions within the linear relationship that provided adequate protection for the primary. A detailed computer routine selected additional data cells for suppression to ensure all primary suppressions were properly protected in all linear relationships in all tables. These data cells were referred to as complementary suppressions. These cells were not themselves sensitive to a disclosure but were suppressed to protect other primary suppressions. A "(D)" was also placed in the cell of the census publication table to indicate a complementary suppression.

Field office analysts reviewed all complementary suppressions to ensure no cells had been withheld that were vital to the data users. In instances where complimentary suppressions were deemed critically important to a State or county, analysts requested an override and a different complement was chosen.

MEASURES OF CENSUS QUALITY

An important objective of the 2007 Census of Agriculture was to provide data with a high level of quality. However, every census or survey has the potential for error in its processes. These errors impact the quality of the data estimates. When feasible, measurements of those errors are provided with individual data items or used to make adjustments to the census or survey estimates. In conducting the 2007 Census of Agriculture, efforts were initiated to measure error associated with the adjustment for farm operations that were not respondents to the request to CML records, the coverage adjustment for farms not on the CML using

the NML and calibration, and the integerization process. Other errors present in the census of agriculture include respondent or enumerator error, error in classification of farm operations, other types of processing errors, error associated with imputation for item nonresponse, and matching error associated with dual-frame estimation. These latter errors were not measured in the census of agriculture process. Information relating to these errors is provided in the sections that follow.

The 2007 Census of Agriculture process measured the error introduced by the nonresponse algorithm, the coverage algorithm, and integerization. The root mean squared error (RMSE) of an estimated data item from the census provides a measure of the error 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 which weights were chosen to be rounded up. The RMSE was used rather than the standard error because it could capture additional error arising from integerization and the potential for bias in the calibration targets. The RMSE is the square root of the sum of the weighted differences between the final recorded value and its expected value squared divided by the number of reports.

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 from coverage adjustment.

NONMEASURED CENSUS ERROR

As noted in the previous section, sampling errors can be introduced from the nonresponse and coverage adjustment procedures. This error is measurable. However, nonsampling errors are imbedded in the census process which cannot be directly measured as part of the design of the census but must be contained to ensure an accurate count. Extensive efforts were made to compile a complete and accurate mail list for the census, to elicit response to

the census, to design an understandable report form with clear instructions, to minimize processing errors through the use of quality control measures, to reduce matching error associated with the dual frame estimation process, and to minimize error associated with identification of a respondent as a farm operation (referred to as classification error). The weight adjustment and tabulation processes recognize the presence of nonsampling errors, however, it is assumed that these errors are small and that, in total, the net effect is zero. In other words, the positive errors cancel the negative errors.

Census Response Rate

The response rate is an indicator of the quality of a data collection. It is generally assumed that if a response rate is close to a full participation level of 100 percent, the potential for nonresponse bias is small. The response rate for the 2007 Census of Agriculture is 85.2 percent as compared with a response rate of 88.0 for the 2002 Census of Agriculture and 86.2 percent for the 1997 Census of Agriculture. There was no effort to measure nonresponse bias for the census. However, the census will be used to measure nonresponse bias in NASS surveys.

The response rate for the 2007 Census of Agriculture was calculated as the ratio of the total respondents after data collection was completed to the number of CML records after those that were undeliverable-as-addressed were removed. The total respondents consisted of three groups – those respondents not eligible for the nonresponse survey, those in the universe for the nonresponse survey but who responded prior to the selection of the nonresponse survey sample, and an estimate of the potential respondents in the nonresponse survey sample universe from the response rate to the nonresponse survey. Additional details of the nonresponse study are found in the section on “Whole Farm Nonresponse Estimation.”

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. Steps were taken in the design and execution of the

census of agriculture to reduce errors from respondent reporting. Poor instructions and ambiguous definitions lead to misreporting. Respondents may not remember accurately, may give rounded numbers, or may record an item in the wrong cell. To reduce reporting and recording errors, the report form was tested prior to the census using industry accepted cognitive testing procedures and 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.

Processing Error

Processing of each census report form was another potential source of nonsampling error. All mail returns that included multiple reports, respondent remarks, or that were marked out of business and report forms with no reported data were sent to an analyst for verification and appropriate action. Integrity checks were performed by the imaging system and data transfer functions. Standard quality control procedures were in place that required that randomly selected batches of data keyed from image be re-entered by a different operator to verify the work and evaluate key entry operators. All systems and programs were thoroughly tested before going on-line and were monitored throughout the processing period.

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.

Item Nonresponse

All item nonresponse actions provide another opportunity to introduce nonsampling errors. Regardless of whether it was previously reported data, administrative data, the nearest neighbor algorithm, or manually imputed by an analyst, some risk exists that the imputed value does not equal the actual value. Previously reported and administrative data were used only when they related to the census reference period. A new nearest neighbor was randomly selected for each incident to eliminate the chance of a consistent bias.

Matching Error

The process of building and expanding the CML involves finding new list sources and checking for names not on the list. An automated processing system compared each new name to the existing CML names and “linked” like records for the purpose of preventing duplication. New names with strong links to a CML name were discarded and those with no links were added as potential farms. Names with weak links, possible matches, were reviewed by staff to determine whether the new name should be added. Despite this thorough review, some new names may have been erroneously added or deleted. Additions could contribute to duplication (overcoverage) where as deletions could contribute to undercoverage. As a result, some names received more than one report form, and some farm operators did not receive a report form. Respondents were instructed to complete one form and return all forms so the duplication could be removed.

Another chance for error came when comparing June Area Survey tract operator names to the CML. Area operators whose names were not found on the CML were part of the measure of list incompleteness, or NML. Mistakes in determining overlap status resulted in overcounts (including a tract whose operator was on the CML) or undercounts (excluding a tract whose operator was not on the CML). All

tracts determined to not be on the list were triple checked to eliminate, or at least minimize, any error. NML tract operators were mailed a report form printed in a different color. In order to attempt to identify duplication, all respondents who received multiple report forms were instructed to complete the CML version and return all forms so duplication could be removed.

Classification Error

Classification error results when a response to the census is misclassified – either as a farm operation if it does not meet the definition or not as a farm operation when it meets the definition. The definition of a farm operation in the 2007 Census of Agriculture is an operation that has \$1,000 in agricultural sales or the potential for \$1,000 in agricultural sales. A Classification Error Study (CES) has historically been conducted after the census of agriculture. The objectives of a CES are to examine the procedures used to determine farm status (in-scope or out-of-scope) to see if they are producing accurate decisions, document the sources of errors resulting in overcounts and undercounts, and recommend strategies to eliminate them from future censuses. Classification error is a component of census coverage error in addition to coverage error resulted from list incompleteness or duplication. Historically, measures have indicated that the error is small. There has not been any attempt to incorporate this error measure in the coverage adjustment procedure for the 2007 Census of Agriculture.

Prior to 1997 a list based re-interview sample of census respondents was used to measure classification error in the census – specifically the number of farms incorrectly classified as non-farms (undercount) and the number of duplicate farms (overcount). Additionally, an area frame survey was used separately to measure the largest component of census coverage error – incompleteness of the census list. Following the 1997 census, NASS conducted the CES for the 11 western States of Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming. The 1997 CES used information from the June Area Survey (JAS) enumeration in lieu of re-interviews; estimates were based on the JAS. The 1997 CES

results indicated a net undercount of 27,971 farms (non-farms incorrectly classified as farms minus duplicate farms and farms incorrectly classified as non-farms) in the eleven States. While the standard error of this estimate is not available to determine statistical significance, even if statistically significant, it represents a relatively small portion of the overall undercount.

Following the 2002 census, the CES similarly used an area-based approach that was conducted in all States. The 2002 CES matched census records to JAS records to identify the differences in farm status of an operation. The JAS area frame-based survey data were assumed to be truth and the estimates of misclassification (records which were incorrectly classified as farms or non-farms and duplicates) were based on this assumption. The 2002 CES results indicated a net overcount of 51,345 farms at the US level, with a standard error of 6,456. In this case, substantial resources were expended to estimate something relatively small. Estimates of overcount and undercount were computed but were not used to adjust totals. Results of the 2002 CES were documented in an internal NASS research report titled "Results from the 2002 Classification Error Study" dated April 2007.

For the 2007 Census of Agriculture, a classification error research study (CES) was conducted in five States -- Arizona, Georgia, Minnesota, New York, and Washington. Estimates of net error were not generated, as the CES was quality research and limited to the five States. Review of the 2002 CES indicated the assumption that the JAS was the truth was inappropriate and re-interviews were reinstated.

The 2007 CES used data from the 2007 JAS and the 2007 census to examine farms incorrectly classified as nonfarms, nonfarms incorrectly classified as farms, and to examine records with significant discrepancies in reporting of land between the JAS and census reports. The overall objectives of the 2007 CES were to identify legitimate changes in operations and determine the source of potential errors in the data.

Records in the 2007 JAS were matched to the 2007 census using probabilistic record linkage. From the set of matched records, three groups of interest were identified: 1) in-scope JAS records that were out-of-scope on the census, 2) census in-scope and JAS non-agricultural records, and 3) in-scope census and JAS records with acreage differences of more than 25 percent. Farms whose farm status was in disagreement were interviewed to determine which source was correct; a reason for the change of status on the census was recorded. For records with a discrepancy between the data reported on the 2007 JAS and the 2007 census forms, respondents were re-contacted and asked to verify their data and resolve the difference.

Results of the 2007 CES showed that true changes in size of operations between the JAS and census were rare. Most discrepancies in farm status were the result of errors in reporting with respondents indicating most often that the census data rather than the JAS data were correct, challenging the previous assumption that the JAS data was the truth. Results of the 2007 CES will be used as input for redesign efforts for the JAS operational procedures and the 2012 census report form and instructions.

Table A. Summary of State Nonresponse and Coverage Adjustments: 2007

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

Item	Total	Percent from nonresponse adjustment	Percent from coverage adjustment	Item	Total	Percent from nonresponse adjustment	Percent from coverage adjustment
Farms .....number	15,637	9.8	21.3	Tenure:			
Land in farms .....acres	26,117,899	0.9	0.5	Full owners .....farms	13,989	9.9	22.5
Farms by size:				.....acres	23,861,031	0.5	0.2
1 to 9 acres .....farms	9,873	10.0	24.6	Part owners .....farms	913	8.2	10.8
.....acres	25,464	10.4	22.6	.....acres	1,091,864	6.9	6.4
10 to 49 acres .....farms	2,657	9.9	22.1	Tenants .....farms	735	10.5	12.5
.....acres	57,354	9.5	21.3	.....acres	1,165,004	2.4	0.4
50 to 69 acres .....farms	264	7.6	18.2	Principal operator characteristics by-			
.....acres	15,026	7.8	17.8	Sex of operator:			
70 to 99 acres .....farms	383	9.9	25.1	Male .....farms	9,617	9.7	18.5
.....acres	31,032	9.9	24.6	.....acres	22,765,861	0.9	0.4
100 to 139 acres .....farms	291	10.0	14.1	Female .....farms	6,020	10.0	25.8
.....acres	33,952	9.8	14.5	.....acres	3,352,038	0.9	1.1
140 to 179 acres .....farms	283	12.0	17.3	Primary occupation:			
.....acres	44,297	11.9	17.4	Farming .....farms	9,553	9.7	18.9
180 to 219 acres .....farms	146	15.8	8.2	Other .....farms	6,084	10.1	25.2
.....acres	29,100	15.8	8.2	Spanish, Hispanic, or			
220 to 259 acres .....farms	100	15.0	10.0	Latino origin (see text) .....farms	806	7.6	37.1
.....acres	23,732	15.1	9.6	.....acres	243,326	4.6	13.1
260 to 499 acres .....farms	380	9.7	7.6	Race:			
.....acres	135,873	9.8	8.0	American Indian or			
500 to 999 acres .....farms	436	8.3	6.7	Alaska Native .....farms	8,436	10.1	22.6
.....acres	306,473	8.3	6.7	.....acres	20,764,749	0.0	0.1
1,000 to 1,999 acres .....farms	309	7.4	0.6	Asian .....farms	64	1.6	62.5
.....acres	446,604	7.3	1.0	.....acres	18,477	1.7	18.7
2,000 acres or more .....farms	515	5.6	1.4	Black or African American .....farms	40	10.0	50.0
.....acres	24,968,992	0.5	0.2	.....acres	1,616	15.3	41.2
Market value of agricultural products sold .....\$1,000	3,234,552	1.0	1.1	Native Hawaiian or			
Farms by value of sales:				Other Pacific Islander .....farms	8	12.5	12.5
Less than \$1,000 .....farms	7,266	9.8	30.9	.....acres	1,114	57.2	-53.6
.....\$1,000	1,103	9.8	26.9	White .....farms	7,042	9.5	19.3
\$1,000 to \$2,499 .....farms	2,366	9.8	26.7	.....acres	5,303,905	4.0	2.1
.....\$1,000	3,682	9.9	25.4	More than one race reported .....farms	47	19.1	8.5
\$2,500 to \$4,999 .....farms	1,721	10.9	12.0	.....acres	28,038	33.4	-32.6
.....\$1,000	5,975	10.9	11.7	Reporting primary occupation as			
\$5,000 to \$9,999 .....farms	1,377	12.7	4.9	farming by age group:			
.....\$1,000	9,415	13.1	4.6	Under 25 years .....farms	35	2.9	48.6
\$10,000 to \$19,999 .....farms	862	10.0	10.3	25 to 34 years .....farms	335	7.2	40.9
.....\$1,000	11,632	9.7	10.4	35 to 44 years .....farms	921	8.5	20.7
\$20,000 to \$24,999 .....farms	201	11.4	9.0	45 to 54 years .....farms	1,957	8.9	19.6
.....1,000	4,413	11.3	9.2	55 to 64 years .....farms	2,249	9.6	16.5
\$25,000 to \$39,999 .....farms	307	10.1	5.2	65 years and over .....farms	4,056	10.6	17.4
.....\$1,000	9,542	9.8	5.0	Reporting primary occupation as			
\$40,000 to \$49,999 .....farms	126	9.5	1.6	other than farming by age group:			
.....\$1,000	5,531	9.6	1.4	Under 25 years .....farms	45	6.7	53.3
\$50,000 to \$99,999 .....farms	358	9.2	9.2	25 to 34 years .....farms	344	7.0	48.8
.....\$1,000	25,023	9.2	9.0	35 to 44 years .....farms	811	9.2	28.1
\$100,000 to \$249,999 .....farms	298	6.7	5.7	45 to 54 years .....farms	1,720	9.7	24.0
.....\$1,000	47,690	6.1	6.1	55 to 64 years .....farms	1,726	10.3	20.6
\$250,000 to \$499,999 .....farms	204	6.9	-0.5	65 years and over .....farms	1,438	11.5	23.9
.....\$1,000	74,022	6.5	-0.5	All operators by age group ¹ :			
\$500,000 to \$999,999 .....farms	161	4.3	-1.2	Under 25 years .....farms	503	9.7	25.8
.....\$1,000	113,589	4.1	-1.3	25 to 34 years .....farms	1,663	8.4	30.1
\$1,000,000 or more .....farms	390	1.3	3.6	35 to 44 years .....farms	3,414	8.8	22.1
.....\$1,000	2,922,936	0.4	0.9	45 to 54 years .....farms	6,268	9.7	20.1
Farms by type of organization:				55 to 64 years .....farms	6,034	9.6	18.4
Family or individual .....farms	13,721	10.1	22.8	65 to 74 years .....farms	4,621	10.3	19.5
.....acres	1,597,797	7.9	4.9	75 years and over .....farms	2,902	11.5	17.7
Partnership .....farms	962	7.5	10.0				
.....acres	1,378,550	4.2	2.4				
Corporation:							
Family held .....farms	612	9.2	10.6				
.....acres	1,714,673	2.1	0.7				
Other than family held .....farms	117	6.8	14.5				
.....acres	146,596	2.5	1.9				
Other - cooperative, estate or trust, institutional, etc. ....farms	225	5.3	13.3				
.....acres	21,280,283	0.1	0.0				

¹ Data were collected for a maximum of three operators per farm.

Table B. Reliability Estimates of State Totals: 2007

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

Item	Total	Root mean squared error (RMSE)	Relative RMSE (percent)	Nonresponse contribution to MSE (percent)	Coverage adjustment contribution to MSE (percent)
Farms number	15,637	393	2.5	0.7	99.3
Land in farms acres	26,117,899	120,394	0.5	8.4	91.6
Farms by size:					
1 to 9 acres farms	9,873	288	2.9	1.5	98.5
..... acres	25,464	790	3.1	3.3	96.7
10 to 49 acres farms	2,657	106	4.0	5.3	94.7
..... acres	57,354	2,420	4.2	6.0	94.0
50 to 69 acres farms	264	22	8.3	12.9	87.1
..... acres	15,026	1,245	8.3	13.0	87.0
70 to 99 acres farms	383	31	8.0	12.9	87.1
..... acres	31,032	2,491	8.0	13.0	87.0
100 to 139 acres farms	291	22	7.6	13.8	86.2
..... acres	33,952	2,598	7.7	14.0	86.0
140 to 179 acres farms	283	23	8.1	15.2	84.8
..... acres	44,297	3,600	8.1	15.3	84.7
180 to 219 acres farms	146	14	9.8	15.8	84.2
..... acres	29,100	2,831	9.7	15.9	84.1
220 to 259 acres farms	100	13	12.7	13.2	86.8
..... acres	23,732	2,986	12.6	13.0	87.0
260 to 499 acres farms	380	23	6.1	12.7	87.3
..... acres	135,873	8,452	6.2	12.9	87.1
500 to 999 acres farms	436	25	5.6	11.6	88.4
..... acres	306,473	17,636	5.8	10.8	89.2
1,000 to 1,999 acres farms	309	16	5.3	11.4	88.6
..... acres	446,604	23,711	5.3	11.3	88.7
2,000 acres or more farms	515	19	3.7	10.2	89.8
..... acres	24,968,992	107,076	0.4	9.8	90.2
Market value of agricultural products sold \$1,000	3,234,552	36,166	1.1	1.8	98.2
Farms by value of sales:					
Less than \$1,000 farms	7,266	259	3.6	1.2	98.8
..... \$1,000	1,103	59	5.4	4.5	95.5
\$1,000 to \$2,499 farms	2,366	158	6.7	1.1	98.9
..... \$1,000	3,682	245	6.6	1.3	98.7
\$2,500 to \$4,999 farms	1,721	93	5.4	3.6	96.4
..... \$1,000	5,975	324	5.4	3.8	96.2
\$5,000 to \$9,999 farms	1,377	66	4.8	6.1	93.9
..... \$1,000	9,415	453	4.8	6.4	93.6
\$10,000 to \$19,999 farms	862	46	5.3	6.8	93.2
..... \$1,000	11,632	621	5.3	7.2	92.8
\$20,000 to \$24,999 farms	201	21	10.6	10.1	89.9
..... 1,000	4,413	469	10.6	9.8	90.2
\$25,000 to \$39,999 farms	307	27	8.9	7.3	92.7
..... \$1,000	9,542	841	8.8	7.3	92.7
\$40,000 to \$49,999 farms	126	13	10.6	15.2	84.8
..... \$1,000	5,531	584	10.6	14.7	85.3
\$50,000 to \$99,999 farms	358	28	7.9	4.6	95.4
..... \$1,000	25,023	1,972	7.9	4.6	95.4
\$100,000 to \$249,999 farms	298	20	6.8	7.7	92.3
..... \$1,000	47,690	3,289	6.9	6.9	93.1
\$250,000 to \$499,999 farms	204	17	8.2	4.7	95.3
..... \$1,000	74,022	5,864	7.9	4.9	95.1
\$500,000 to \$999,999 farms	161	11	6.7	5.1	94.9
..... \$1,000	113,589	7,249	6.4	5.1	94.9
\$1,000,000 or more farms	390	15	3.8	2.2	97.8
..... \$1,000	2,922,936	28,022	1.0	2.3	97.7
Farms by type of organization:					
Family or individual farms	13,721	357	2.6	1.0	99.0
..... acres	1,597,797	72,519	4.5	9.8	90.2
Partnership farms	962	42	4.3	9.9	90.1
..... acres	1,378,550	66,606	4.8	8.7	91.3
Corporation:					
Family held farms	612	33	5.4	10.6	89.4
..... acres	1,714,673	47,842	2.8	12.7	87.3
Other than family held farms	117	13	10.9	13.1	86.9
..... acres	146,596	5,569	3.8	8.4	91.6
Other - cooperative, estate or trust, institutional, etc. farms	225	16	7.0	13.8	86.2
..... acres	21,280,283	23,308	0.1	6.8	93.2
Tenure:					
Full owners farms	13,989	361	2.6	1.0	99.0
..... acres	23,861,031	79,675	0.3	8.1	91.9
Part owners farms	913	42	4.6	9.1	90.9
..... acres	1,091,864	76,536	7.0	11.0	89.0
Tenants farms	735	36	5.0	11.5	88.5
..... acres	1,165,004	28,903	2.5	9.6	90.4
Principal operator characteristics by-					
Sex of operator:					
Male farms	9,617	349	3.6	0.7	99.3
..... acres	22,765,861	112,596	0.5	8.9	91.1
Female farms	6,020	294	4.9	0.7	99.3
..... acres	3,352,038	38,151	1.1	6.1	93.9
Primary occupation:					
Farming farms	9,553	263	2.8	1.9	98.1
Other farms	6,084	190	3.1	3.2	96.8
Spanish, Hispanic, or Latino origin (see text) farms	806	132	16.3	0.5	99.5
..... acres	243,326	28,050	11.5	6.3	93.7

See footnote(s) at end of table.

--continued

Table B. Reliability Estimates of State Totals: 2007 - Con.

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

Item	Total	Root mean squared error (RMSE)	Relative RMSE (percent)	Nonresponse contribution to MSE (percent)	Coverage adjustment contribution to MSE (percent)
Principal operator characteristics by- Con.					
Race:					
American Indian or Alaska Native farms	8,436	346	4.1	0.7	99.3
..... acres	20,764,749	14,497	0.1	10.8	89.2
Asian farms	64	14	22.2	17.0	83.0
..... acres	18,477	2,925	15.8	15.0	85.0
Black or African American farms	40	11	27.3	19.2	80.8
..... acres	1,616	687	42.5	14.9	85.1
Native Hawaiian or Other Pacific Islander farms	8	3	42.2	13.3	86.7
..... acres	1,114	821	73.7	22.8	77.2
White farms	7,042	320	4.5	0.7	99.3
..... acres	5,303,905	119,465	2.3	8.4	91.6
More than one race reported farms	47	10	20.3	14.4	85.6
..... acres	28,038	6,569	23.4	10.8	89.2
Reporting primary occupation as farming by age group:					
Under 25 years farms	35	9	26.9	16.1	83.9
25 to 34 years farms	335	40	12.1	4.8	95.2
35 to 44 years farms	921	46	5.0	10.2	89.8
45 to 54 years farms	1,957	74	3.8	7.5	92.5
55 to 64 years farms	2,249	76	3.4	8.0	92.0
65 years and over farms	4,056	134	3.3	4.4	95.6
Reporting primary occupation as other than farming by age group:					
Under 25 years farms	45	12	25.8	16.9	83.1
25 to 34 years farms	344	41	12.0	5.6	94.4
35 to 44 years farms	811	45	5.5	12.1	87.9
45 to 54 years farms	1,720	72	4.2	8.8	91.2
55 to 64 years farms	1,726	74	4.3	7.4	92.6
65 years and over farms	1,438	62	4.3	10.6	89.4
All operators by age group ¹:					
Under 25 years farms	503	35	6.9	14.0	86.0
25 to 34 years farms	1,663	104	6.3	3.1	96.9
35 to 44 years farms	3,414	123	3.6	7.1	92.9
45 to 54 years farms	6,268	191	3.1	4.9	95.1
55 to 64 years farms	6,034	178	2.9	4.8	95.2
65 to 74 years farms	4,621	149	3.2	5.7	94.3
75 years and over farms	2,902	110	3.8	6.8	93.2
Net cash farm income of operations (see text):					
Farms with gains of ² -					
Less than \$1,000 farms	575	41	7.2	8.8	91.2
..... \$1,000	265	21	7.8	8.9	91.1
\$1,000 to \$4,999 farms	972	54	5.6	6.7	93.3
..... \$1,000	2,493	145	5.8	7.5	92.5
\$5,000 to \$9,999 farms	407	28	6.9	9.9	90.1
..... \$1,000	2,815	192	6.8	10.3	89.7
\$10,000 to \$24,999 farms	422	29	6.8	11.1	88.9
..... \$1,000	6,870	493	7.2	12.1	87.9
\$25,000 to \$49,999 farms	236	19	7.9	10.9	89.1
..... \$1,000	8,528	696	8.2	10.7	89.3
\$50,000 or more farms	798	34	4.2	4.0	96.0
..... \$1,000	782,089	15,457	2.0	2.3	97.7
Farms with losses of -					
Less than \$1,000 farms	1,291	65	5.1	8.6	91.4
..... \$1,000	652	34	5.2	10.1	89.9
\$1,000 to \$4,999 farms	4,738	154	3.3	4.2	95.8
..... \$1,000	13,776	459	3.3	4.9	95.1
\$5,000 to \$9,999 farms	2,870	98	3.4	7.4	92.6
..... \$1,000	20,494	704	3.4	7.7	92.3
\$10,000 to \$24,999 farms	2,038	83	4.1	7.3	92.7
..... \$1,000	31,112	1,313	4.2	7.2	92.8
\$25,000 to \$49,999 farms	662	43	6.5	9.6	90.4
..... \$1,000	22,845	1,488	6.5	9.6	90.4
\$50,000 or more farms	628	33	5.2	9.5	90.5
..... \$1,000	130,233	3,394	2.6	9.5	90.5

¹ Data were collected for a maximum of three operators per farm.

² Farms with zero net cash income are included as farms with gains of less than \$1,000.

Table C. Summary of Nonresponse and Coverage Adjustments by County: 2007

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

Geographic area	All farms			Land in farms			Sales		
	Total (number)	Nonresponse adjustment (percent)	Coverage adjustment (percent)	Total (acres)	Nonresponse adjustment (percent)	Coverage adjustment (percent)	Total (\$1,000)	Nonresponse adjustment (percent)	Coverage adjustment (percent)
STATE TOTAL									
Arizona	15,637	9.8	21.3	26,117,899	0.9	0.5	3,234,552	1.0	1.1
COUNTIES									
Apache	4,243	10.3	23.3	(D)	(D)	(D)	12,622	13.0	5.3
Cochise	1,065	9.9	20.8	824,226	9.0	-1.7	117,130	3.6	3.0
Coconino	1,597	11.3	15.8	6,101,943	0.5	-0.3	(D)	(D)	(D)
Gila	279	9.7	29.7	1,166,457	0.2	-0.1	4,394	34.5	-9.6
Graham	343	8.7	26.5	1,345,629	0.9	1.9	(D)	(D)	(D)
Greenlee	127	11.0	15.7	35,267	10.8	8.0	6,210	10.3	-5.7
La Paz	99	6.1	13.1	(D)	(D)	(D)	136,593	3.0	-0.1
Maricopa	1,793	9.0	21.8	485,469	1.6	4.3	813,491	1.1	1.0
Mohave	334	11.1	16.5	858,392	3.1	-1.5	18,632	4.1	-2.4
Navajo	2,949	9.9	21.6	4,502,752	0.2	1.1	46,532	2.0	1.2
Pima	622	9.0	26.7	(D)	(D)	(D)	67,500	1.7	12.5
Pinal	785	8.4	20.3	1,047,112	0.6	1.2	799,811	0.5	-0.1
Santa Cruz	193	11.4	3.6	129,581	4.2	-2.6	4,272	5.1	-3.7
Yavapai	756	10.1	21.0	639,042	3.6	0.0	(D)	(D)	(D)
Yuma	452	5.8	19.7	210,480	1.8	3.2	959,968	0.1	1.4

Table D. American Indian or Alaska Native Operators: 2007

[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 [†]	Other ²		Total	Individually reported [†]	Other ²
STATE TOTAL				COUNTIES - Con.			
Arizona	14,205	13,880	325	La Paz	42	42	-
COUNTIES				Maricopa	99	99	-
Apache	6,557	6,507	50	Mohave	96	96	-
Cochise	48	48	-	Navajo	4,711	4,636	75
Coconino	2,097	2,097	-	Pima	165	30	135
Gila	150	100	50	Pinal	109	94	15
Graham	60	60	-	Santa Cruz	8	8	-
Greenlee	-	-	-	Yavapai	55	55	-
				Yuma	8	8	-

[†] Data were collected for a maximum of three operators per farm.

² Data represent American Indian or Alaska Native farm or ranch operators on reservations who did not report individually. Data obtained from reservation officials.

Appendix B.

General Explanation and Census of Agriculture Report Form

DEVELOPMENT OF THE CENSUS REPORT FORMS

Prior to release of the results from the 2002 Census of Agriculture, NASS was preparing for the 2007 Census of Agriculture. The first team established was the 2007 Census Content Team. This team was tasked with content determination and report form development. They reviewed the 2002 report form content, solicited input from internal and external customers, developed criteria for determining acceptance and/or rejection of content for the 2007 Census of Agriculture report forms, tested the effectiveness of the report forms for various modes of data collection (mail, telephone, personal interview, and electronic data reporting), and made recommendations to NASS senior executives for final determination.

Throughout development NASS sought advice and input from the data user community. Integral partners included the Advisory Committee on Agriculture Statistics, State departments of agriculture and other State government officials, Federal agency officials, land grant universities, agricultural trade associations, media, and various Community Based Organizations.

NASS conducted the 2005 Census of Agriculture Content Test in early 2006. The test consisted of three phases: cognitive pretesting, national mail-out, and follow-up interviews. Results from the testing produced two final report form types -- a 24-page regionalized form with 7 versions (07-A0201 thru 07-A0207 regional forms and an 07-A0200 general version) and a 12-page national form version (07-A0100). The main difference between the form types is the format used to collect crop and livestock information. The regionalized report forms include crop sections designed to facilitate reporting crops most commonly grown within a report form region.

Many items in these sections are either prelisted in the tables or listed below the tables. The national report form collected the same information as the regionalized forms, but it was formatted to fit on fewer pages. It includes an open table format to collect crop and livestock information. Respondents had to write in their crops and/or livestock information. A sample copy of the regionalized report form and instruction sheet is included in this appendix.

DATA CHANGES

Following are descriptions of the report form changes and their effect on the publication tables.

Crop Data Changes

Deleted items include:

- Other nursery and greenhouse category.
- Production and acres irrigated for potatoes.
- Production and acres irrigated for sweet potatoes.
- Production and acres irrigated for ginseng.

Added items include:

- Acres of individual vegetable crops harvested for fresh market.
- Acres harvested for fresh market and for processing for potatoes, sweetpotatoes, and ginseng.
- Acres irrigated for short rotation woody crops.
- Acres irrigated for cut Christmas trees.

- Acres on which berries were grown.
- Total acres grown and acres not harvested for individual berry crops.
- Sales of mushroom spawn.

Items listed separately on the 2007 report form that were reported in conjunction with similar crop items on the 2002 report form include:

- Horseradish was listed separately and is no longer included in Other vegetables.
- Total acres, acres harvested, and acres not harvested for boysenberries and currants were listed separately and no longer included in Other berries.
- Pluots were listed separately and are no longer included in Other noncitrus fruit.
- Chestnuts were listed separately and are no longer included in Other nuts.
- Pecans were divided into Pecans, improved and Pecans, native and seedling.
- Squash was divided into summer squash and winter squash.
- Cuttings, seedlings, liners, and plugs were listed as one item and are no longer included in Other nursery and greenhouse.
- Tobacco transplants were listed separately and are no longer included in Other nursery and greenhouse.
- Greenhouse vegetables were divided into greenhouse tomatoes and other greenhouse vegetables.
- Vegetable transplants were listed separately and are no longer included in Other nursery and greenhouse.
- Greenhouse fruits and berries were listed separately and are no longer included in Other nursery and greenhouse.

- Other floriculture and bedding plants were listed as an item and are no longer included in Other nursery and greenhouse.

Items combined with another item(s) on the 2007 report form that were reported individually on the 2002 report form include:

- Amaranth, foxtail millet seed, lotus root, mungbeans, redtop seed, salt hay, sweetclover seed, and sweet rice were included in other field crops.
- K-early citrus was included in Other citrus.
- Pimientos were included in Other vegetables.
- Mixed vegetables were included in Other vegetables.

Livestock and Poultry Data Changes

Deleted items include:

- Two hog and pig size groups within the 5,000 or more head category were deleted. In 2002 there were two additional sub-groups in the 5,000 or more category; 5,000 to 7,499 and 7,500 or more.
- Two broilers and other meat type chicken groups within the 500,000 or more category were deleted. In 2002 there were two sub-groups in the 500,000 or more category; 500,000 to 749,999 and 750,000 or more.
- Other fish.

Added items include:

- Horses and ponies owned by this operation.
- Alpaca inventory and number sold

Items listed individually in the 2007 report form that were reported in conjunction with similar livestock or poultry items on the 2002 report form include:

- Layers 20 weeks old and older for table and hatching eggs were divided into Table egg type layers, Hatching layers for meat-types, and hatching layers for table eggs.

- Turkeys were separated into Turkeys for slaughter and Turkey hens kept for breeding.
- Items combined with other item(s) on the 2007 report form that were reported individually on the 2002 report form include:
- Other fish were removed as a selection and the respondent must report in one of the fish categories listed.

Economic, Land Use, and Operator Characteristics Data Changes

Deleted items include:

- Acres of certified organically produced crops.
- Value of certified organically produced commodities sold.
- Whether the operator lives on an American Indian reservation.
- Computer use for the farm business.

Added items include:

- Acres used for organic production.
- Acres of organic crops harvested.
- Acres of organic pastureland.
- Total value of sales for crops produced and sold as organic.
- Total value of sales for livestock and poultry produced and sold as organic.
- Total value of sales for livestock and poultry products produced and sold as organic.
- Acres being converted to organic production.
- Sales of mushroom spawn.
- Whether the operator retired.
- Number of trucks, including pickups and the number manufactured in the last five years.

- Whether the operator is a hired manager for this operation.
- Household income of the principal operator.
- Practices relating to the operation: Whether the operation had high speed Internet access; Used 5,000 gallons of water any one day; Received irrigation water supplied by a U. S. Bureau of Reclamation project or facility; Generated energy or electricity on the farm; Used conservation farming methods; Practiced rotational or management intensive grazing; Rented grazing land on a per-head or animal unit per month (AUM) basis; Produced and sold value added crops, livestock, or products; Marketed products through a community supported agriculture (CSA) arrangement; Raised or sold veal calves; Raised or sold hair sheep or wool-hair crosses; or Had a barn that was built prior to 1960.
- 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. In the 2002 census, these questions only appeared in the regional report form for 2002 census regions 8 and 10. Data are tabulated in the 2007 Census of Agriculture Specialty Products, Part 1, American Indian Reservations.

Items listed individually on the 2007 report form that were reported in conjunction with similar items on the 2002 report form include:

- Value of sales for grains, oilseeds, dry beans, and dry peas were divided into sales of Corn for grain, seed, or silage; Wheat; Soybeans; Sorghum for grain, seed, or silage; Barley; Rice; and Other crops.
- Other farm-related income was divided into Crop and livestock insurance payments received and other farm-related income.
- Other Federal farm program payments were divided into Direct payments, Counter-cyclical payments, Other Federal agricultural program payments, and State and local government agricultural program payments.

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. Report form section number references refer to the regional version. 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: tobacco, nursery and greenhouse crops in the open, vegetables including potatoes and sweet potatoes, fruit and nut crops including land in orchards, and berries; in Hawaii, taro and ginger root. 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 (double cropping), 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 for the harvesting method but the quantity harvested includes all cuttings. Acreage cut and tons harvested 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, whether by a crop or whether it was idle land. 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 on

which all crops failed or were abandoned, cropland in cultivated summer fallow, cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed, or cropland used only for pasture or grazing. This does not include fruit and nut orchards, vineyards, berries, acres in production for cut Christmas trees, and acres in production for short rotation woody crops that were not harvested. Acreage in these commodities were included in cropland harvested whether the crop was harvested or not. Abandoned orchards were reported as cropland idle, not as harvested cropland, and the individual abandoned orchard crop acres were not reported.

Crops that were only hogged or grazed were reported as “cropland used only for pasture or grazing.” Crop residue left in fields after the 2007 harvest and later hogged or grazed was reported as cropland harvested and not as cropland used only for pasture or grazing.

Quantity harvested was not obtained for crops such as fruits and nuts, berries, vegetables and melons, and nursery and greenhouse crops.

Age of operator. See Farms by age and primary occupation of operator.

Agri-tourism and recreational services. See Total income from farm-related sources, gross before taxes and expenses.

Agricultural products sold directly to individuals for human consumption. See Value of agricultural products sold directly to individuals for human consumption.

All (multiple) operators. See Operator.

All haylage, grass silage, and greenchop (tons). See Haylage, grass silage, and greenchop, all.

All other production expenses. See Total farm production expenses.

Alpacas. This is a new item for 2007. In 2002 alpacas were reported as other livestock.

American Indian and Alaska Native farm operators, total. Data are reported in Chapter 1,

tables 54 through 57 and Chapter 2, table 51. In Chapter 1, table 54 data include farm characteristics for principal operator reporting one race only, table 55 data include farm characteristics reported for a maximum of three operators reporting American Indian or Alaska Native alone or in combination with other races, table 56 data are reported for principal operator only, table 57 include data for a maximum of three operators for those operators that reported only one race.

In Chapter 2, table 51 data are reported for a maximum of three operators reported in the operator characteristics section. The individual operators were added to the census mail list for most reservations. Those reservations that did not include all the individual operators on the census mail list were identified and the data for the entire reservation, including the data for the operators that would have met the definition of a farm, were collected on one report form. The count of reservations and the number of operators that were reported on these reservations are included in Appendix B, table D.

Amount from State and local government agricultural program payments. See Total income from farm-related sources, gross before taxes and expenses.

Amount from Conservation Reserve, Wetlands Reserve, Farmable Wetlands, and Conservation Reserve Enhancement Programs. See Land enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP).

Any poultry sold. The number of farms with any poultry sold includes all farms with sales of poultry, poultry hatched, or eggs.

Aquaculture. In the 2007 census the value of sales was tabulated for each specified species. In the 2002 census only total aquaculture value of sales was asked. Aquaculture is defined as the farming of fish, crustaceans, mollusks, and other aquaculture products. The aquaculture production reported in the census requires some form of intervention in the

rearing process and requires inputs such as seeding, stocking, feeding, protection from predators, etc. It also requires ownership of the stock being cultivated and harvesting that is conducted in a controlled environment by the operation. The pounds sold, number sold, and value of sales include all sizes and eggs by species. The number and pounds sold and value of sales include aquaculture distributed for restoration, conservation, or recreational purposes, such as State and Federal hatcheries. Values based on sales of farm-raised fish were assigned to distributed fish.

Aquaculture value. See Aquaculture.

Artichokes (excluding Jerusalem). For 2007 the wording was changed to clarify that Jerusalem artichokes should be excluded. Data are comparable to 2002 artichoke data.

Asparagus, bearing age. For 2007, bearing age was added to the description for clarity. Data are comparable.

Bees. See Colonies of bees and honey collected.

Breeding livestock. See Total farm production expenses.

By economic class. See Economic class of farms.

Cattle on feed. Cattle on feed is defined as cattle and calves that were fed a ration of grain or other concentrates that will be shipped directly from the feedlot to the slaughter market and are expected to produce a carcass that will grade select or better. This category excludes cattle that were pastured only, background feeder cattle, and veal calves.

Cattle on feed sold. Data are for cattle on feed sold that weighed 500 pounds or more and were shipped directly from the feedlot to the slaughter market. This category excludes cattle that were pastured only, owned cattle that were shipped from feedlots operated by others, background feeder cattle, and veal calves.

Chemicals applied. For each type of chemical used, the acres treated were reported only once even if the acres were 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. 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, bearing age acres, and nonbearing age acres were reported for each crop.

Chestnuts. This is a new item for 2007. In 2002 data were included in other nut trees. See Other nuts.

Christmas trees, cut. Data are for acres of Christmas trees - cut or to be cut - in production, acres irrigated, and number of trees cut. Sales data are included in the Cut Christmas trees and short rotation woody crops category. In 2002, acres irrigated were not collected.

Christmas trees, live. Data were reported as nursery stock and include Christmas trees sold live, generally balled and burlapped, 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.

Enumeration activities were completed after harvest to facilitate the accuracy of reported data. 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 made day-to-day decisions for their own operation 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.

Coffee. Data were collected only in Hawaii. In 2007, data for total acres, bearing age acres, and nonbearing age acres were collected.

Colonies of bees. Colonies of bees were tabulated in the county where the largest value of all agricultural products were raised or produced. Colonies are often moved from farm-to-farm over a wide geographic area. Package bees are not included as separate colonies. In 2007 colonies of bees were collected in their own section to clarify to respondents that only "owned" colonies were to be reported versus any colonies on the operation.

Commodities raised and delivered under production contracts. A production contract is an agreement between a producer or grower and a contractor (integrator) setting terms, conditions, and fees to be paid by the contractor to the operation for the production of crops, livestock, or poultry. The grower receives a payment or fee from the contractor, generally after delivery, which is less than the full market price of the commodity. A production contract involves the shifting of some risk and control from the grower to the contractor. 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 commodities only under production contracts or only independently. Some operations may produce a commodity under production contract and also produce more of the same commodity that they sell independently. Both types of production are combined as one value in the tables for total inventories and total sales.

Custom fed cattle shipped directly for slaughter. In 2002, data were collected for custom fed cattle. Many respondents reported cattle that were not shipped directly to slaughter such as veal or background feeder cattle. For 2007, the report form text was improved to specify custom fed cattle shipped directly for slaughter. Cattle not shipped directly to slaughter were reported in the Other cattle, livestock, poultry, or aquaculture category. Data are not comparable for custom fed cattle shipped directly to slaughter or Other cattle,

livestock, poultry, or aquaculture categories.

Other cattle, livestock, poultry, or aquaculture. The data for commodities raised and delivered under a production contract include cattle which were not custom fed and shipped directly to slaughter (backgrounding), livestock and poultry not listed separately, and aquaculture products. For 2007, the report text was improved to specify custom fed cattle shipped directly for slaughter. Cattle not shipped directly to slaughter are reported as Other cattle, livestock, poultry, or aquaculture. In 2002, some cattle not shipped directly to slaughter were reported as custom fed cattle. Data are not comparable with 2002 for Custom fed cattle shipped directly to slaughter or Other cattle, livestock, poultry, or aquaculture categories.

Vegetables, melons, and potatoes. This category is the number of farms that produced and delivered vegetables, melons, and potatoes grown under a production contract.

Other crops. 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, and potatoes.

Commodity Credit Corporation loans. This category includes nonrecourse marketing loans for wheat, corn, sorghum, barley, oats, cotton, rice, soybeans, Austrian winter peas, honey, dry peas, lentils, small chickpeas, peanuts, sunflower seed, flaxseed, canola and other rapeseed, safflower, mustard seed, crambe and sesame seed, and mohair. These commodities differ from those included in the 2002 census due to changes created by the 2007 Farm Bill.

Crop and livestock insurance payments received. See Total income from farm-related sources, gross before taxes and expenses.

Crop units of measure. 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 2007 except for citrus crops and sugarcane for sugar; limes in region three States; avocados in Florida and California; olives in California and Arizona; and pineapples and coffee in Hawaii.

1. Avocados. The data for Florida relate to the quantity in the April 2007 through March 2008 harvest season; for California and Arizona, the November 2006 through November 2007 harvest season.
2. Citrus crops. The data for region three relate to the quantity harvested in the September 2006 through August 2007 harvest season, except limes in Florida that were harvested in the April 2007 through March 2008 harvest season. The data for California and Arizona relate to the 2006 through 2007 harvest season. The data for limes relate to the April 2007 through March 2008 harvest season.
3. Olives. The data for California and Arizona relate to the September 2006 through March 2007 harvest season.
4. Pineapples. The data for Hawaii relate to the quantity harvested in the year ending May 31, 2007.
5. Sugarcane for sugar. The data for Florida, Louisiana, and Texas relate to the cuttings from September 2007 through April 2008.

Cropland, harvested. See Harvested cropland.

Cropland, irrigated. See Irrigated land.

Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed. Cropland idle includes any other acreage which could have been used for crops without any additional improvement and which was not reported as cropland harvested, cropland on which all crops failed, cropland in summer fallow, or cropland used for pasture or grazing. This category includes:

1. Land used for cover crops or soil improvement but not harvested or grazed.

2. Land in Federal or State conservation programs that was not hayed or grazed in 2007.
3. Land in Federal or State conservation programs that were planted to trees for future harvest timber, pulp, or Christmas trees.
4. Land occupied with growing crops for harvest in 2008 or later years but not harvested or summer fallowed in 2007 (except fruit or nuts in an orchard, grove, or vineyard being maintained for production). Examples are acreage planted in winter wheat, strawberries, etc., for harvest in 2008 and no crop was harvested from these acres in 2007.
5. Land in “skipped” rows between rows of crops or field strips.

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 in 2007 was included as harvested cropland rather than cropland for pasture or grazing.

Crustaceans. These are invertebrate animals with jointed legs and a hard shelled segmented body. Examples include crawfish, lobster, prawns, shrimp, and softshell crabs.

Custom fed cattle shipped directly for slaughter. See Commodities raised and delivered under production contract.

Customwork and custom hauling. See Total farm production expenses.

Customwork and other agricultural services. See Total income from farm-related sources, gross before taxes and expenses.

Cuttings, seedlings, liners, and plugs. This is a

new item for 2007. In 2002 data were included in other nursery and floriculture. See Nursery, greenhouse, floriculture, and sod.

Cut Christmas trees. See Christmas trees, cut.

Data are based on sample of farms. For censuses from 1978 through 2002, selected data items were collected from only a sample of farms. These data were subject to sampling error. For the 2007 census there was no sampling.

Depreciation expenses claimed. 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.

Ducks, geese, and other poultry species. Data are the number of farms that had inventory of ducks, emus, geese, ostriches, pheasants, pigeons or squab, quail, and other poultry sold. Other poultry are those poultry not having a specific code on the report form. Data are comparable.

Ducks, geese, and other poultry species sold. Data are the number of farms that sold ducks, emus, geese, ostriches, pheasants, pigeons or squab, quail, and other poultry sold. Other poultry are those poultry not having a specific code on the report form. Data are comparable.

Expenses. See Total farm production expenses.

Economic class of farms. Economic class data are the classification of farms by the sum of market value of agricultural products sold and federal farm program payments. See Total market value of agricultural products sold and government payments.

Farm or ranch operator. See Operator characteristics.

Farm typology. The Economic Research Service (ERS), an agency of the United States Department of Agriculture, has established typology of farms to group farms by similar characteristics. This census is the first to include data cross-tabulated by the

eight farm typology categories. There are two major groupings of farms, small family farms with sales of less than \$250,000, and other farms. The small family farm group is divided into 5 subcategories, described below:

1. Limited-resource farms have market value of agricultural products sold gross sales of less than \$100,000, and total principal operator household income of less than \$20,000.
2. Retirement farms have market value of agricultural products sold of less than \$250,000, and a principal operator who reports being retired.
3. Residential/lifestyle farms have market value of agricultural products sold of less than \$250,000, and a principal operator who reports his/her primary occupation as other than farming.
4. Farming occupation/lower-sales farms have market value of agricultural products sold of less than \$100,000, and a principal operator who reports farming as his/her primary occupation.
5. Farming occupation/higher-sales farms have market value of agricultural products sold of between \$100,000 and \$249,999, and a principal operator who reports farming as his/her primary occupation.

Other farms are subdivided into three subcategories, described below:

1. Large family farms have market value of agricultural products sold between \$250,000 and \$499,999.
2. Very large family farms have market value of agricultural products sold of \$500,000 or more.
3. Nonfamily farms are farms organized as nonfamily corporations, as well as farms operated by hired managers.

Farms by age and primary occupation of operator. Data on age and primary occupation were obtained from up to three operators per farm in 2007. When compared with 2002 results, the average age

of farmers increased significantly. 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. See Primary occupation of the operator.

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 Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) plus government payments received from Federal, State, and local programs other than the CRP, WRP, FWP, and CREP, and Commodity Credit Corporation loans. See Total market value of agricultural products sold and government payments.

Farms by economic class. See Economic class of farms and 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 2007 census, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity or activities using the NAICS code. The 2007 census is the third 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 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, Revision Three, (ISIC, Revision 3) for some sixty high level groupings. Following are explanations of the major classifications used in 2007.

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 2007 census, government-payment only farms were classified as "All other crop farming" (1119). In the 1997 census, government-payment only farms were coded as "All other grain farming (1119)."

Vegetable and melon farming (11121). 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 and 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 crops such as 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 melons, fruits, tree nuts, greenhouse, nursery and floriculture products.

All other crop farming (11199). Comprises 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). 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 (112120). This industry comprises establishments primarily engaged in milking dairy cattle.

Poultry and egg production (1123). This industry group comprises establishments primarily engaged in breeding, hatching, and raising poultry for meat or egg production.

Sheep and goat farming (1124). This industry group 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 are included in this industry group. Farms with only 100 acres or more of pastureland were classified as “All other animal production farming (11299).”

Farms by number of households sharing in net income of farm. 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.

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. 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 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 2007 census. The classifications used were:

1. Family or individual (sole proprietorship), excluding partnership and corporation.
2. Partnership, including family partnership – in selected tables, partnership was further subclassified into:
 - a. Registered under State law.
 - b. Not registered under State law.
3. Corporation, including family corporations - in selected tables, partnership was further subclassified into:
 - a. Family held or other than family held.
 - b. More than 10 stockholders.
4. 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

Farms with sales and government payments of less than \$1,000. This category includes farms with combined sales and government 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, potted flowering plants, and other floriculture and bedding plants.

Field and grass seed crops, all. Data are for all the field and grass seed crops not published as field crops and include other field crops which did not have a specific code on the 2007 report form.

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 dry hay, haylage, grass silage, or greenchop were cut from the same acreage or if there were multiple cuttings of dry hay, haylage, grass silage, or greenchop. Data exclude corn silage and sorghum silage. Quantity produced 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. This conversion factor 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. Total acres, bearing age acres, and nonbearing age acres were collected.

Ginseng. In 2007 ginseng acres are included in the vegetable acres. In 2002 ginseng harvested, irrigated harvested acres, and production were included in the acres for field crops. Total vegetable acres are not directly comparable.

Government payments. This category consists of direct payments as defined by the 2002 Farm Bill; payments from Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), and Conservation Reserve Enhancement Program (CREP); loan deficiency payments; disaster payments; other conservation programs; and all other federal farm programs under which payments were made directly to farm operators. Commodity Credit Corporation (CCC) proceeds, amount from State and local government agricultural program payments, and federal crop insurance payments were not tabulated in this category.

Grain and bean combines. In the 2007 and 2002 censuses, data were collected for self-propelled combines only.

Grain storage capacity. Data include the capacity of all storage structures on the operation normally used to store whole grains and oilseeds. These structures can be bins, silos, 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, seed, or silage; wheat for grain; soybeans for beans; sorghum for grain, seed, or silage; barley for grain; rice; oats for grain; and other grains. 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.

Greenhouse fruits and berries. This is a new item for 2007. Data include strawberries, raspberries, etc. grown in greenhouses and high tunnels where the crops were always covered. In 2002, data were

included in Other nursery and greenhouse crops. See Nursery, greenhouse, floriculture, and sod.

Greenhouse tomatoes. This is a new item for 2007. In 2002, data were included in greenhouse produced vegetables. See Total greenhouse vegetables and fresh cut herbs.

Gross cash rent or share payments. See Total income from farm-related sources, gross before taxes and expenses.

Harvested cropland. This category includes land from which crops were harvested and hay was cut, land used to grow short-rotation woody crops and 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 2007 census definition for harvested cropland is the same as the 2002 definition.

Hay - all hay including alfalfa, other tame, small grain, and wild. Data shown represent the acreage and quantity harvested of all types of dry hay. 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 legumes (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.

Hired farm labor. Data are for total hired farm workers, including paid family members, by number of days worked. Data exclude contract laborers.

Hogs and pigs by type of operation. In the 2007 census, hog and pig farms were classified by primary type of operation. Operation types were farrow to wean, farrow to feeder, farrow to finish, nursery, finish only, and other. Each description was accepted and the reported inventory and sales data were assigned to each reported type. In 2002 a respondent could select more than one operation type. Data are not comparable.

Hogs and pigs by type of producer. In the 2007 census, hog and pig farms were classified by one type of producer in 2007. Producer types were independent grower, contractor or integrator, and contract grower (contractee). Each description was accepted and the reported inventory and sales data were assigned to each reported type. In 2002 a respondent could select more than one producer type. Data are not comparable.

Honey collected. Data are for pounds of honey produced but not necessarily sold.

Horseradish. This is a new item for 2007. Data are for total acres harvested, acres harvested for fresh market, and acres harvested for processing. In 2002, horseradish was reported as other vegetables.

Income. Net cash farm income is published for the operation and operator. The difference between net cash income and net cash returns is that net cash returns does not include government payments and other farm-related income as income. See Net cash farm income of the operations and Net cash farm income of the operators.

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. Data for these farms are combined into a single 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, 2007. The 2007 area values differ from 2002 because of the improved accuracy of spatial data. 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. See Land in two or more counties.

Land enrolled in crop insurance programs. The data are for all land enrolled in any Federal, private,

or other crop insurance program. It includes acreage of pasture/rangeland enrolled in crop insurance programs in areas where it is provided. Data are comparable with 2002.

Land enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP). 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 conservation uses. In return, farmers receive an annual rental payment for carrying out approved conservation practices on the conservation acreage. The WRP, FWP, and CREP programs are included under the CRP program that offers landowners financial incentives for conservation practices.

For the 2007 census, operations with land enrolled in the CRP, WRP, FWP, or CREP 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. 2002 data may not include FWP or CREP acreage so data are not directly comparable.

Land in berries. This is a new item for 2007. Data are for total land in berries. Respondents also reported harvested acres and not harvested acres by individual berry crops. In 2002, only harvested acreage was collected.

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 CRP, WRP, FWP, and CREP acres.

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, grazing livestock, or the potential of grazing livestock was included as land in farms. Land in reservations not reported by reservation, 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 age and nonbearing age fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents also reported bearing age acres and nonbearing age acres by individual fruit and nut crops. 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 in 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. In 2007, ginseng, potatoes, and sweet potatoes are included in land used for vegetables. In 2002, these acres were included in field crops. Data are not directly comparable.

Land used for organic production. See Total acres used for organic production.

Land used for vegetables. See Land in vegetables.

Landlord's share of the total sales. Data represent

the share of the operation's total sales that went to landlord(s).

Layers. This category includes table-egg type layers, hatching layers for meat-types, and hatching layers for table egg types. In 2002, this category was referred to as Layers 20 weeks and older. This is a wording change only; data are comparable.

Layers inventory. See Layers.

Layers sold. See Layers.

Less than \$1,000. See Farms with sales and government payments of less than \$1,000.

Livestock and poultry purchased or leased. See Total farm production expenses; *Livestock and poultry purchased or leased*.

Maple syrup. Data are for the number of taps set and syrup produced.

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 2007 regardless of who received the payment. It is equivalent to total sales and 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 includes value of direct sales and the value of commodities placed in the Commodity Credit Corporation (CCC) loan program. 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 nonfarm sources.

The value of crops sold in 2007 does not necessarily represent the sales from crops harvested in 2007. Data may include sales from crops produced in earlier years and may exclude some crops produced in 2007 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 2007.

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 2007 census with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation. See Farms with sales and government payments of less than \$1,000.

Market value of agricultural products sold and government payments. See Total market value of agricultural products sold and government payments.

Migrant farm labor on farms with hired labor. Operators were asked whether any hired or contract workers were migrant workers. A migrant farm worker is a farm worker whose employment required travel that prevented the worker from returning to his/her permanent place of residence the same day.

Migrant farm labor on farms reporting only contract labor. Data are for those operations that did not have hired farm workers but reported that they did have migrant contract workers on their operation in 2007.

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. These are invertebrate animals with a soft body covering and shells of 1-18 parts or sections. Examples include abalones, clams, mussels, oysters, and snails. See Aquaculture for more information on production reported on the census.

More than one race reported. This category represents those operators who chose to report more than one race on the census form.

Mushroom spawn. This is a new item for 2007.

Respondents reported only sales; growing area was not summarized.

Mushrooms. All mushroom crops were considered grown under glass or other protection and no mushroom data were published as area in the open. Those reporting mushrooms grown in the open area were converted to an equivalent area of square feet under protection.

NAICS. See Farms by North American Industry Classification System (NAICS).

Net cash farm income of the operations. This concept is derived by subtracting total farm expenses from total sales, government payments, and other farm-related income. Depreciation is not used in the calculation of net cash farm income. Net cash farm income of the operation includes the value of commodities produced under production 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 a production contract, total sales not under a production contract, government payments, and farm-related income) minus total expenses paid by the operators. Net cash farm income of the operator includes the payments received for producing under a production contract and does not include value of commodities produced under production contract by the contract growers. Depreciation is not used in the calculation of net cash farm income.

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.

Noncitrus fruit, all. This is a summation of all acres reported in the commodities defined as noncitrus such as apples, grapes, and plums.

Noncitrus fruit, other. See other noncitrus fruit.

Nursery, greenhouse, floriculture and sod. In the 2007 census, individual data were collected for area under glass or other protection, area in the open, and sales of aquatic plants; bulbs, corms, rhizomes, and tubers; cuttings, seedlings, liners, and plugs; floriculture crops; flower seeds; greenhouse fruits and berries; total greenhouse vegetables and fresh cut herbs; mushrooms; mushroom spawn; nursery stock; other nursery crops; sod harvested; tobacco transplants; vegetable seeds; and vegetable transplants. Total sales data are the summation of all crops. In the 2002 census, mushroom spawn were not included so total sales data are not directly comparable. Also, in the 2002 census, individual crops sales data were not collected.

Nuts, all. Data include all nut trees. In 2002, the report form category Other fruit and nuts was used in some regions. Some nut trees were reported in this category. The data for all nut trees for 2002 cannot be summarized so data are not comparable.

Occupation. See Primary occupation of operator 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. 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.

Operator characteristics. Operators (up to three operators per farm) were asked to report primary occupation, sex, age, race, place of residence, if

retired, number of days worked off farm, year in which his/her operation of the farm began, hired manager, 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.

Operators of Spanish, Hispanic, or Latino origin. See Spanish, Hispanic, or Latino origin.

Operators, number. Demographic and other information were collected for up to three operators per farm - the principal operator plus up to two additional operators. This may be fewer than the total operators on some farms. 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. The data represent the total reported number of operators for the operation.

Operators, total women. The data represent the total number of women operators reported for the operation.

Oranges, all. All oranges are a summation of Valencia oranges and Other oranges. Total acres, bearing acres, and nonbearing acres were collected by category.

Oranges, other. See Other oranges.

Organic agriculture. See Total acres used for organic production and Total organic product sales.

Ornamental fish. This category includes various fish raised for water gardens, aquariums, etc. Examples include angel fish, guppies, koi, ornamental goldfish, and tropical fish. In the 2007 census the value of sales was tabulated for each specified species. In the 2002 census only total aquaculture value of sales was asked.

Other animals and other animal products sold. This category includes the number of farms and value of all animals and animal products not having specific codes on the 2007 report form.

Other aquaculture products. In the 2007 census, examples include the production of alligators, frogs, leeches, eels, live rock, salamanders and turtles. Data are not comparable with the 2002 census since other fish were listed separately on the 2002 report form and in 2007 it is included in other aquaculture products.

Other cattle. In the 2007 census, data include heifers that have not calved, steers, calves, and bulls.

Other cattle, livestock, poultry, or aquaculture. See Commodities raised and delivered under production contract.

Other citrus. In the 2007 census, data relate to any citrus crop not having a specific code on the report form. For 2007 data includes K-early citrus which was published as its own category in 2002 therefore data are not comparable with 2002.

Other cropland. This includes all cropland other than harvested cropland or cropland used only for pasture or grazing.

Other crops and hay. For the 2007 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 and hay sales. This category includes crops such as grass seed, hay and grass silage, haylage, greenchop, hops, maple syrup, mint for oil, peanuts, sugarcane, sugarbeets, etc.

Other crops. Data relate to any field crops not having a specified code on the 2007 census report form. Amaranth, foxtail millet seed, lotus root, mungbeans, redtop seed, salt hay, and sweet rice were included in other field crops in the 2007 report form but were reported individually on the 2002 report form. The 2002 data, where compared, were not adjusted for these crop acreages.

Other-farm related income sources. See Total income from farm-related sources, gross before taxes and expenses.

Other field and grass seed crops. Data relate to any field or grass seed crop not having a specified code on the 2007 census report form. Sweet clover seed was included in other seed crops in the 2007

report form but were reported individually on the 2002 report form. The 2002 data, where compared, were not adjusted for this crop acreage.

Other floriculture and bedding crops. This is a new item for 2007. In 2002, data were reported in other nursery and greenhouse.

Other food fish. Data are for fish, other than catfish and trout, raised on farms for food. Examples include hybrid striped bass, moi, perch, salmon, sturgeon, and tilapia.

Other greenhouse vegetables and fresh cut herbs. This is a new item for 2007. In 2002, these data were included with greenhouse produced vegetables.

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 2007 report form. See Other animals and other animal products sold.

Other livestock and poultry purchased or leased. See Total farm production expenses.

Other livestock products. Data for this category include the number of farms that sold livestock products that did not have a specific code on the 2007 report form.

Other noncitrus fruit. Data relate to any noncitrus fruit not having a specific code on the census report form.

Other nursery crops. This is a new item in 2007. It includes nursery crops not having specific codes on the report form. In 2002, data were reported in other nursery and greenhouse.

Other nuts. This category includes any nut crop not having a specific code on the report form. In 2007, data were collected for chestnuts separately while in 2002 chestnuts were included in Other nuts. Data are not comparable.

Other oranges. Data are for Oranges other than Valencia oranges, including Navel oranges.

Other poultry. Data are for other poultry not having a specific code on the report form. Data are comparable.

Other tame hay. See Hay, other tame dry hay.

Other vegetables. Data shown for other vegetables relate to any vegetable not having a specific code on the census form. In the 2007 census, data were collected separately for horseradish while in 2002 horseradish was included in other vegetables. Data are not directly comparable.

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. For market value of the commodities delivered see Commodities raised and delivered under production contracts.

Peaches, all. 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.

Pears, all. Data for all pears were collected as a category in all States except for California, Arizona, Idaho, Oregon, Alaska, 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.

Pecans, all. All pecans is a summation of Pecans, improved and Pecans, native and seedling. Total acres, bearing acres, and nonbearing acres were

collected by category in the 2007 census. In the 2002 census, total acres, bearing acres, and nonbearing acres were collected only as all pecans.

Pecans, improved. This is a new item for the 2007 census. Improved pecans are varieties that have been genetically altered through breeding and grafting techniques to produce more nuts, and nuts with a greater percentage of nut meat. See Pecans, all for further explanation.

Pecans, native and seedlings. This is a new item for the 2007 census. Native pecans are varieties that developed under natural conditions. Seedling pecans are produced from seed (the nut) and have not been budded or grafted. See Pecans, all for further explanation.

Peppers, Bell (excluding pimientos). The wording was improved to exclude pimientos which were reported as other vegetables.

Peppers, other than bell (including chile). The data includes all other peppers including chile. Pimientos were reported as other vegetables. In 2002 this category was referred to as Peppers, chile (all peppers, excluding bell). This is a wording change only; all data are comparable.

Permanent pasture and rangeland, other than cropland and woodland pastured. This land use category encompasses grazable land that does not qualify as woodland pasture or 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. In 2002 this category was referred to as Pastureland and rangeland, other than cropland pastured. This is a wording change only; all data are 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.

Pluots. This is a new item for 2007. Pluots were reported as an individual item only in California, Arizona, Idaho, Oregon, Alaska, and Washington. In all other States pluots were reported in the Other non-citrus category.

Potatoes. In 2007 potato acres are included in the vegetable acres. Data are for total acres harvested, acres harvested for fresh market, and acres harvested for processing. Production was not collected. In 2002 potatoes acreage and production were included in the acres for field crops.

Poultry hatched. This category includes all poultry hatched on the operation during the year. The number of poultry hatched is under the Sold heading for both years.

Poultry, other. See Other poultry.

Primary occupation of operator. Data on age and primary occupation were obtained from up to three operators per farm. The primary occupation classifications used were:

1. *Farming or ranch work.* The operator spent 50-percent or more of his/her worktime during 2007 at farming or ranching.
2. *Other.* The operator spent less than 50-percent of his/her worktime during 2007 in farming or ranching operations.

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 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. Data are for pullet inventory and the number sold or moved for laying flock replacement.

Race of operator. Data, except for Hawaii, were collected for American Indian (included Alaska

Native), Asian, Black or African American, Native Hawaiian and Other Pacific Islander, and White. Respondents were asked to mark one or more of the race categories. In Hawaii operator race data were collected for American Indian (included Alaska Native), Chinese, Filipino, Japanese, Korean, Other Asian, Black or African American, Native Hawaiian, other Pacific Islander, and White. The combination of Native Hawaiian and Other Pacific Islander is equivalent to the Native Hawaiian or Other Pacific Islander category on the other forms. The combination of the Chinese, Filipino, Japanese, Korean, 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 chapter 2 of the Hawaii publication of the Volume 1 series.

Raspberries, all. In 2007, raspberries were reported as All raspberries except in Alaska, Idaho, Oregon, and Washington where they were reported as black raspberries or red raspberries. In these States, black raspberries and red raspberries data were combined as Raspberries, all for comparability with other States. In 2002, raspberries were reported as all raspberries except in Idaho, Oregon, and Washington.

Raspberries, black. See Raspberries.

Raspberries, red. See Raspberries.

Rental of farmland. See Total income from farm-related sources, gross before taxes and expenses; Gross cash rent or share payments.

Sales, total. See Market value of agricultural products sold.

Sheep and lambs inventory. Data are for sheep and lambs of all ages owned regardless of location. In 2007 sheep and lambs were collected in their own section to clarify to respondents that only “owned” sheep and lambs were to be reported versus any sheep and lambs on the operation.

Short-rotation woody crops. Data are for short-

rotation woody crops that grow 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 included in Cropland harvested in the “Land” section of the report form.

Size of farm. See Farms by size.

Sorghum for syrup (gallons). Data are for sorghum syrup produced. 2002 data were collected as pounds produced so the 2002 data were divided by 11.55 to convert the pounds to gallons.

Squash, all. All squash is a summation of summer squash and winter squash. Total acres, acres for fresh market, and acres for processing were collected by category in the 2007 census. In the 2002 census, total acres and acres for processing were collected as all squash.

Squash, summer. This is a new item for the 2007 census. See Squash, all.

Squash, winter. This is a new item for the 2007 census. See Squash, all.

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. Data are for sport or game fish and it includes fish raised to restock public waters or for sale at fee fishing operations. Examples include bluegill, crappie, largemouth bass, smallmouth bass, sunfish, muskie, northern pike, walleye, and sunfish.

Sweet potatoes. In 2007 sweet potato acres are included in the vegetable acres. Data are for total acres harvested, acres harvested for fresh market, and acres harvested for processing. Production was not collected. In 2002 sweet potatoes acreage and production were included in the acres for field crops.

Tame hay. See Hay, other tame dry.

Tenure. See Farms by tenure of operator.

Tobacco transplants. This is a new item for 2007. Data are for tobacco transplants that were sold for transplant to farm fields. Transplants grown for transplanting to the same operation were not reported or removed during data review. In 2002, data were reported as Other nursery and greenhouse.

Tomatoes in the open. Data are for tomatoes grown in the open. In 2007 the wording “in the open” was added to clarify between tomatoes grown in open fields versus tomatoes grown under cover. Data are comparable.

Total acres used for organic production. This is a new item in the 2007 census. Respondents were instructed to report organic production as defined by the National Organic Standards while in 2002 only acreage of certified organically produced crops was collected. Organic acreage is divided into organic crops and organic pasture. The count of farms producing 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 for organic crops must be less than or equal to the acres reported as cropland harvested for each operation.

In 2002, data were collected for the number of acres used to raise certified organically produced crops. This was replaced in 2007 with acreage and value of sales of organically produced commodities. For certified production, only a “Yes” or “No” response question was asked in the “Organic Agriculture” section. The 2007 data do not compare with 2002 Land used to raise certified organically produced crops. See Total organic product sales.

Total cropland. This category includes cropland harvested, cropland used only for pasture or grazing, cropland on which all crops failed or were abandoned, cropland in cultivated summer fallow, and cropland idle or used for cover crops or soil improvement but not harvested and not pastured or grazed.

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 2007.

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 2007 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 solely based on computer generated estimates for 2007.

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 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.

Breeding livestock purchased or leased. These expenses include all breeding livestock and poultry purchased or leased during 2007 for production on the farm or ranch. The total includes amount spent for beef and dairy 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 2002 data were only collected for purchased breeding livestock. Data are not directly comparable.

Cash rent paid in 2007 for land and buildings. These data include the cost of renting land and buildings that were part of the 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 2007 expenses include insecticides, herbicides, fungicides, and other pesticides, including costs of custom application. Data exclude commercial fertilizer purchased.

Contract labor. These data include 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 planting, spraying, harvesting, preparation of products for marketing, grinding and mixing feed, 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 2007, just as it was in the 2002 census. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Feed purchased. These expenses include the cost of all feed for livestock and poultry including grain, hay, silage, mixed feeds, concentrates, etc. during 2007.

Fertilizer, lime, and soil conditioners. These 2007 expenses include fertilizer and lime including rock phosphate and gypsum, and the costs of custom application.

Gasolines, fuels, and oils. These expenses include the cost of all gasoline, diesel, natural gas, LP gas, motor oil, and grease products for the farm during 2007. Expenses exclude fuel for personal use of automobiles by the family and others, fuel used for cooking and heating the farmhouse, and any other use outside of farmwork on the operation.

Hired farm labor. These 2007 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. Expenses include 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. These expenses include interest and finance charges paid in 2007 for debts secured by real estate and on debt not secured by real estate. 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 was reported in one of two categories:

1. *Secured by real estate.* These data include all interest expenses paid in 2007 on debts secured by real estate for the farm.
2. *Not secured by real estate.* These data include all interest expenses paid in 2007 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.

Livestock and poultry purchased or leased. These data include Breeding livestock purchased or leased and Other livestock and poultry purchased or leased.

Other livestock and poultry purchased or leased. These expenses include all non-breeding livestock and poultry purchased or leased during 2007 for production on the farm or ranch. The total includes amounts spent for cattle, calves, hogs, pigs, sheep, hatchery eggs, etc. In 2002 data were only collected for purchased livestock and poultry. Data are not directly comparable.

Property taxes paid. These data include property taxes paid by the operators for the farm share of land, machinery, buildings, and livestock, excluding taxes paid by this operator's landlords.

Rent and lease expenses for machinery, equipment, and farm share of vehicles. These data include the farm share cost of renting or leasing machinery, equipment, and vehicles during 2007. Rental and lease expenses of items used only for custom hire are excluded here.

Repairs, supplies, 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 2007. Repairs to equipment used both for the farm business and for performing customwork are included.

Seeds, plants, vines, and trees. These expenses include the cost of all seeds, bulbs, plants, propagation materials, trees, seed treatments, seed cleaning costs, etc. purchased during 2007. Excluded were items purchased for immediate resale or the value of seed grown on this place.

Utilities. These data show the farm share cost of electricity, telephone charges, internet fees, and water purchased in 2007. Included in the water cost is water purchased for irrigation purposes, livestock watering, etc. Household utility costs were excluded from these items.

Total greenhouse vegetables and fresh cut herbs.

This category includes greenhouse tomatoes and other greenhouse vegetables and fresh cut herbs. In 2002 this category was referred to as greenhouse vegetables. This is only a wording change; all data are comparable.

Total income from farm-related sources, gross before taxes and expenses.

This includes gross income from farm-related sources received in 2007 before taxes and expenses from the sales of farm byproducts 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 were separate from the farm business. Categories that make up the farm-related income calculation changed between the 2002 and 2007 censuses. In the 2007 census, Crop and livestock insurance payments received and Amount from State and local government agricultural program payments are published separately. In the 2002 census, these

categories were combined with Other farm-related income sources.

Agri-tourism and recreational services. This income includes income from recreational services such as hunting, fishing, farm or wine tours, hay rides, etc. In the 2002 census, this category was referred to as Recreational Services. This is a wording change only; all data are comparable.

Amount from State and local government agricultural program payments. This is a new item for 2007. This income includes State and local government agricultural program payments. Respondents were to exclude the State and local portion of CREP payments if they were reported in the amount received for participation in CREP in section 4, item 1a of the report form. In 2002 this income was included with Other farm-related income sources.

Crop and livestock insurance payments received. This is a new item for 2007. This income includes insurance payments from crop and livestock losses. In 2002 this income was combined with Other farm-related income 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.

Gross cash rent or share payments. This income includes gross cash or share payments received from renting out farmland, payments received from the lease or sale of allotments, and payments received for livestock pastured on a per-head, per month, or per pound basis. It excludes rental income from nonfarm property.

Other-farm related income sources. This is other income which is closely related to the agricultural operation. This income includes animal boarding, breeding fees (horse breeding or stud fees received were reported in the Value of Sales section in the

Other animals and other animal products category), tobacco quota buyouts, State fuel tax refunds, farm generated energy, etc. In the 2007 census, crop and livestock insurance payments received and amount from State and local government agricultural program payments were published separately. In the 2002 census, these categories were combined with other farm-related income sources. Data are not comparable.

Patronage dividends and refunds from cooperatives. This income includes payments to a farmer or rancher for business done with a cooperative to which he/she usually belongs. The payment is usually for goods sold through the co-op.

Sales of forest products. This income includes gross receipts from sales of standing timber, pulpwood, firewood, etc. from the farm or ranch operation. It excludes income from nonfarm timber tracts, sawmill businesses, cut Christmas trees, maple products, and short-rotation woody crops.

Total operators. See Operators, total.

Total organic product sales. This is a new item for the 2007 census. The data represent the value of organically produced agricultural commodities sold from operations during 2007. It was the intention of the question to collect the value of those products that were produced as organic according to the National Organic Standards. These sales may come from either crop or livestock production and are divided into three categories:

1. Sales for crops, including nursery and greenhouse crops.
2. Sales for livestock and poultry.
3. Sales for livestock and poultry products. Sales data are not comparable.

Total sales. See Market value of agricultural products sold.

Total market value of agricultural products sold and government payments. 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 Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) plus government payments received from Federal, State, and local programs other than the CRP, WRP, FWP, and CREP, and Commodity Credit Corporation loans.

Trucks, including pickups. This is a new item for 2007. The data were last published in the 1997 census.

Turkeys. In the 2007 census, turkey data are a combination of turkeys for meat production and turkey hens kept for breeding tabulated from two questions. The number of turkeys sold includes turkeys sold for slaughter or moved to other farms, which may result in a turkey being sold more than once from different operations. In the 2002 census, turkey inventory and sales were tabulated in one question.

Type of organization. See Farms by type of organization.

Typology. See Farm typology.

Utilities. See Total farm production expense.

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 non-edible 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 commodities. Data show the number of farms and the market value of all commodities delivered under a production contract.

Value of landlord's share of total sales. Data

include the value of agricultural sales received by the landlords.

Value of organically produced commodities. See Total organic product sales.

Value of sales. See Market value of agricultural products sold.

Vegetable transplants. This is a new item for 2007. Data are for vegetable transplants grown and sold from this operation for transplanting to fields on another operation. In 2002 vegetable transplants were reported as other nursery and greenhouse.

Vegetables harvested for fresh market. This is a new item for the 2007 census. Respondents reported the total vegetable acres harvested, harvested for processing, and harvested for fresh market.

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. In 2007, ginseng, potatoes, and sweet potatoes are included in vegetables harvested. In 2002, these acres were included in field crops. The 2002 data, where compared, were not adjusted to include ginseng, potatoes, and sweet potatoes acreage.

Vegetables, melons, and potatoes. See Commodities raised and delivered under production contracts.

Vegetables, other. See Other vegetables.

Wheat for grain. Data were reported by type of wheat - Durum, winter, and spring other than Durum.

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 Permanent 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 regional 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 of 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. The national report form was an open table design so most of the commodities were reported as write-in commodities.

UNITED STATES 2007 CENSUS OF AGRICULTURE

Form Number: 07-A0206
(10/04/06)



National Agricultural
Statistics Service

Please return your
completed report to:

Census of Agriculture
1201 East 10th Street
Jeffersonville, IN 47132

OFFICE USE ONLY

07-A0206

Please make corrections to name, address, and ZIP code if necessary.

0013		
0011	0012	
0014	0015	0016
0021	0022	0023

- Everyone who receives a form must return one by mail or via the Internet at www.agcensus.nass.usda.gov
- Your report is due by **February 4, 2008**.
- To fill out the paper form, use a black or blue ballpoint pen.
- **Duplicate forms?** If you received extra census report forms for the SAME farming operation, return all report forms in the same envelope with this completed report.

THANK YOU FOR YOUR COOPERATION.

Questions? Call us toll free at 1-888-424-7828.

¿Preguntas? Llámenos libre de cargos al 1-888-424-7828.

PENALTY FOR FAILURE TO REPORT

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.

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SECTION 1 ACREAGE IN 2007

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization named on the front of this form. Include ALL LAND, REGARDLESS OF LOCATION OR USE - cropland, Conservation Reserve Program (CRP) and Wetlands Reserve Program (WRP) land, pastureland, rangeland, woodland, idle land, farmsteads, etc.

	None		Number of Acres
1. All land owned	0043	<input type="checkbox"/>	
2. All land rented or leased from others , including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include Federal, State, and railroad land leased on a per-acre basis. Exclude land (i.e. private, Federal, State, railroad, etc.) used on a per-head or animal unit month (AUM) basis under a grazing permit.	0044	<input type="checkbox"/>	
3. All land rented or leased to others , including land worked on shares by others and land subleased.	0045	<input type="checkbox"/>	
4. TOTAL ACRES in this operation for this census - Add items 1 and 2, then subtract item 3. If the entry is zero, please refer to the enclosed Instruction Sheet, section 1.			
These acres are referred to as THIS OPERATION for the remainder of this report.	0046		

	None		Number of Acres
5. How many acres rented or leased to others (Item 3 above) did this operation own ?	0053	<input type="checkbox"/>	

6. Location of agricultural activity for this operation

a. In what county was the largest value of your agricultural products raised or produced?

	Principal County Name		State		Number of Acres
0055		0060		0056	

b. If you also had agricultural activity in any **other** county, enter the county name(s), etc.

Other County Name(s)	State		Number of Acres
		0057	
		0058	
		0059	
		0042	

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SECTION 2 LAND

Report how the acres reported in SECTION 1, item 4 were used in 2007. Include land in CRP, WRP, and other State and Federal programs. **Exclude land rented to others.** Report land only once, in the first item that applies. For example: Land that was both pastured and had a crop harvested should be reported only in cropland harvested (item 1a).

1. Cropland - Exclude cropland pasture.			
a. Cropland harvested - Include all land from which crops were harvested or hay was cut, all land in orchards, citrus groves, vineyards, berries, and nursery and greenhouse crops, Christmas trees, and short rotation woody crops.	0787	None <input type="checkbox"/>	Number of Acres
b. Cropland on which all crops failed or were abandoned - Exclude land in orchards and vineyards.	0790	<input type="checkbox"/>	
c. Cropland in cultivated summer fallow.	0791	<input type="checkbox"/>	
d. Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed.	1062	<input type="checkbox"/>	
2. Pasture			
a. Permanent pasture and rangeland - Exclude cropland pasture.	0796	<input type="checkbox"/>	
b. Woodland pastured.	0794	<input type="checkbox"/>	
c. Cropland used only for pasture or grazing - Include rotation pasture and grazing land that could have been used for crops without additional improvements.	0788	<input type="checkbox"/>	
3. Woodland not pastured - Include woodlots, timber tracts, and sugarbush.	0795	<input type="checkbox"/>	
4. All other land - Include land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc.	0797	<input type="checkbox"/>	
5. TOTAL ACRES - Add the acres reported in items 1 through 4 above. Should be the same acres as those reported in SECTION 1, Item 4.	0798	<input type="checkbox"/>	

SECTION 3 IRRIGATION

1. Were any of the acres on this operation irrigated by sprinklers, flooding, ditches or furrows, drip or trickle irrigation, etc. in 2007?			
1065	1 <input type="checkbox"/> Yes - Complete this section	3 <input type="checkbox"/> No - Go to SECTION 4 below	
2. Harvested land irrigated - Include irrigated land from which crops were harvested or hay was cut and land in bearing and nonbearing fruit, nut, and berry crops.		0680	None <input type="checkbox"/> Acres Irrigated
3. Pastureland, rangeland, abandoned cropland, and other land irrigated.		0681	<input type="checkbox"/>

SECTION 4 CONSERVATION RESERVE PROGRAM AND CROP INSURANCE

1. How many acres in this operation were enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP), on September 30, 2007 ?		0683	None <input type="checkbox"/>	Number of Acres
a. Amount received in 2007 for participation in these programs.		0685	<input type="checkbox"/>	Dollars
				\$.00
2. How many acres in this operation were covered under a crop insurance policy in 2007?		1067	<input type="checkbox"/>	Number of Acres



- DO NOT report crops grown on land rented TO OTHERS -

SECTION 5		FIELD CROPS			
1. Were any field crops, such as corn, wheat, rice, etc., harvested from this operation in 2007? Include your landlord's share and crops grown under contract. Exclude crops grown on land rented to others. 1011 1 <input type="checkbox"/> Yes - Complete this section 3 <input type="checkbox"/> No - Go to SECTION 6					
2. For those crops not printed in the following table, enter the crop name and code from the list below for any other field crop harvested in 2007. Report quantity harvested in the unit specified with the crop name.					
Field Crop	Code	Acres Harvested	Total Quantity Harvested	Acres Irrigated	
Alfalfa seed	0542		Lbs.		
Barley for grain or seed	0079		Tons		
Bermuda grass seed	0563		Lbs.		
Corn for grain or seed	0067		Tons		
Corn for silage or greenchop	0070		Tons		
Cotton, Pima	0644		Bales		
Cotton, Upland	0581		Bales		
Dry edible beans - Exclude limas.	0554		Cwt.		
Dry lima beans	0557		Cwt.		
Oats for grain or seed	0076		Tons		
Rice	0677		Cwt.		
Sorghum for grain or seed - Include milo.	0082		Tons		
Sorghum for silage or greenchop	0085		Tons		
Sugarbeets for sugar	0719		Tons		
Wheat, Durum for grain or seed	0578		Tons		
Wheat, Spring for grain or seed, other than Durum	0728		Tons		
Wheat, Winter for grain or seed harvested in 2007	0572		Tons		
If more space is needed, use a separate sheet of paper.					
FIELD CROPS	CODE	FIELD CROPS	CODE	FIELD CROPS	CODE
Canola, edible (pounds)	0614	Peanuts for nuts (pounds)	0656	Sugarbeets for seed (pounds)	0716
Clover, Ladino clover (pounds)	0632	Peas, dry edible (hundredweight)	0659	Sunflower seed, non-oil variety (pounds)	0776
Clover, red clover seed (pounds)	0671	Popcorn (pounds shelled)	0662	Sunflower seed, oil variety (pounds)	0773
Hay - Report in SECTION 7.		Potatoes - Report in SECTION 10.		Sweet potatoes - Report in SECTION 10.	
Herbs, dried (pounds)	0620	Proso millet for grain or seed (bushels)	0665	Taro (pounds)	0743
Hops (pounds)	0623	Rapeseed (pounds)	0668	Triticale for grain (bushels)	0749
Joboba harvested (pounds)	0626	Rye for grain or seed (bushels)	0686	Vetch seed (pounds)	0755
Mint, peppermint (pounds of oil)	0047	Sesame (pounds)	0701	Wild rice (pounds)	0764
Mint, spearmint (pounds of oil)	0050	Sorghum-Sudan crosses -Report in SECTION 7.		Other field crops, specify above	0752
Mustard seed (pounds)	0650	Sudangrass seed (pounds)	0713		

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SECTION 6 GRAIN STORAGE CAPACITY

1. Were any facilities to store whole grains or oilseeds on this operation on **December 31, 2007**?

¹⁰²⁸ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 7 below

2. What was the total whole grains and oilseed storage capacity on this operation? Include capacity of all structures normally used for storing whole grains and oilseeds. ¹⁰²⁹

Tons

SECTION 7 HAY AND FORAGE CROPS

1. Were any hay and forage crops cut or harvested from this operation in 2007? Include your landlord's share and crops grown under contract. Exclude crops grown on land rented to others.

¹¹⁵² 1 **Yes** - Complete this section 3 **No** - Go to SECTION 8 below

TOTAL HAY AND FORAGE CROPS - Exclude straw, corn silage, and sorghum silage.

2. All land from which dry hay, haylage, grass silage, or greenchop was cut or forage was harvested. ¹⁰²¹

None	Acres Harvested	Acres Irrigated
<input type="checkbox"/>		

For items 3 through 8, when both dry hay and haylage 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 total quantity harvested from all cuttings.

ALFALFA HAY AND SILAGE

3. Alfalfa and alfalfa mixtures for dry hay. ⁰¹⁰³

4. Haylage or greenchop from alfalfa or alfalfa mixtures. ¹⁰⁷⁰

None	Acres Harvested	Total Tons Harvested	Acres Irrigated
<input type="checkbox"/>			Tons, dry
<input type="checkbox"/>			Tons, green

OTHER HAY AND SILAGE

5. Small grain dry hay - barley, oats, rye, wheat, etc. ⁰¹⁰⁶

6. Other tame dry hay - clover, fescue, lespedeza, timothy, Bermuda grass, Sudangrass, etc. ⁰¹⁰⁹

7. Wild dry hay. ⁰¹¹²

8. All other haylage, grass silage, and greenchop. ¹⁰⁷³

<input type="checkbox"/>			Tons, dry
<input type="checkbox"/>			Tons, dry
<input type="checkbox"/>			Tons, dry
<input type="checkbox"/>			Tons, green

SECTION 8 WOODLAND CROPS AND MAPLE SYRUP

1. Were any woodland crops grown, harvested, or tapped on this operation in 2007? Include your landlord's share and crops grown under contract. Exclude crops grown on land rented to others.

¹¹⁵³ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 9

2. Cut Christmas trees - cut or to be cut. Report live trees sold in SECTION 9. ¹⁰²³

3. Short rotation woody crops - Trees with growth cycles of 10 years or less. Report nursery stock in SECTION 9. ¹⁰²⁵

4. Maple syrup. ⁰⁸⁰⁰

None	Acres in Production	Number of Trees Cut	Acres Irrigated
<input type="checkbox"/>			

None	Acres in Production	Acres Harvested	Acres Irrigated
<input type="checkbox"/>			

None	Number of Taps	Syrup Produced
<input type="checkbox"/>		
		Gallons



SECTION 9 NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, VEGETABLE SEEDS, AND PROPAGATIVE MATERIALS

1. Were any nursery, floriculture, or greenhouse crops, including ornamental plants, flowers, mushrooms, aquatic plants, sod, food crops under protection, vegetable seeds, flower seeds, or other propagative materials, grown for sale on this operation in 2007? Include crops produced under contract and food crops grown in greenhouses, caves, and high tunnels where crops were always covered. Exclude personal or home use crops. Report food crops temporarily covered for early germination, frost protection, etc. in SECTION 10, 11, or 12.

¹⁰³² 1 **Yes** - Complete this section 3 **No** - Go to SECTION 10

Area Irrigated		
Square Feet	Acres in the Open	
	Acres	Tenths

2. Nursery, greenhouse, floriculture, sod, mushrooms, and propagative materials irrigated. 0477 None

3. Enter the crop type and code from the list below for all crops grown in 2007. Report area grown and value of sales in the table.

Crop Type	Code	Square Feet Under Glass or Other Protection	Acres in the Open		Value of Sales (Dollars)
			Acres	Tenths	
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00

If more space is needed, use a separate sheet of paper.

FLORICULTURE AND BEDDING CROPS	CODE
Bedding/Garden plants - annuals, herbaceous perennials, vegetable plants.	0479
Cut flowers and cut florist greens.	0485
Foliage plants, indoor.	0707
Potted flowering plants.	0710
Other floriculture and bedding, specify above.	1015

PROPAGATIVE MATERIALS SOLD	CODE
Bulbs, corms, rhizomes, and tubers, dry.	0482
Cuttings, seedlings, liners, plugs.	1002
Flower seeds.	0882
Tobacco plants sold for transplant to farm fields.	1004
Vegetable seeds.	0884
Vegetable transplants to farm fields.	1006

NURSERY CROPS	CODE
Nursery stock - ornamentals, shrubs, shade trees, live Christmas trees, fruit and nut trees, vines, palms, ornamental grasses, etc.	0488
Aquatic plants.	0880
Other nursery, specify above.	1017

FOOD CROPS GROWN UNDER GLASS OR OTHER PROTECTION	CODE
Tomatoes.	1019
Other vegetables and fresh cut herbs.	0503
Fruits and berries.	1008

SOD	CODE
Sod harvested.	0497

MUSHROOM CROPS	CODE
Mushrooms - Report growing area and sales.	0494
Mushroom spawn - Report sales only.	2495



SECTION 10 VEGETABLES, POTATOES, AND MELONS

1. Were any vegetables, potatoes, sweet corn, or melons harvested from this operation in 2007? Include crops grown under contract. Exclude personal or home use crops. Report crops grown under glass or other protection in SECTION 9.

1101 1 **Yes** - Complete this section 3 **No** - Go to SECTION 11

Note: For Arizona, report for September 1, 2006, through August 31, 2007, harvest season; for California, report for calendar year 2007.

2. Acres from which vegetables, potatoes, and melons were harvested in 2007. Report multiple cropped acreage only once. 0375	Acres Harvested		Acres Irrigated	
	Acres	Tenths	Acres	Tenths

3. For those crops not printed in the following table, enter the crop name and code from the list below for any other vegetables harvested in 2007.

- If more than one vegetable crop was harvested from the same acres, report acres for each crop.
- For two or more pickings of the same crop, report the area harvested only once.
- Processing refers to vegetables that have been altered by heat, pressure, or freezing.

Crop Name	Code	Total Acres Harvested		Acres Harvested for Fresh Market		Acres Harvested for Processing	
		Acres	Tenths	Acres	Tenths	Acres	Tenths
Cantaloupes and muskmelons	0395						
Lettuce, head	0428						
Lettuce, leaf	0430						
Lettuce, Romaine	0432						
Tomatoes in the open	0463						

If more space is needed, use a separate sheet of paper.

CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE
Artichokes - Exclude Jerusalem.	0377	Eggplant.	0415	Peppers, Bell - Exclude pimientos.	0443
Asparagus, bearing age.	0418	Escarole and endive.	0417	Peppers, other than Bell - Include chile.	0445
Beans, Lima (green).	0429	Garlic.	0421	Potatoes.	0097
Beans, snap (bush and pole).	0381	Herbs, fresh cut.	0455	Pumpkins.	0449
Beets.	0383	Honeydew melons.	0423	Radishes.	0451
Broccoli.	0385	Horseradish.	0424	Rhubarb.	0453
Brussels sprouts.	0387	Kale.	0425	Spinach.	0457
Cabbage, Chinese.	0389	Mustard greens.	0431	Squash, summer.	0468
Cabbage, head.	0391	Okra.	0437	Squash, winter.	0470
Carrots.	0397	Onions, dry.	0433	Sweet corn.	0461
Cauliflower.	0399	Onions, green.	0435	Sweet potatoes.	0100
Celery.	0401	Parsley.	0439	Turnip greens.	0467
Chicory.	0403	Peas, Chinese (snow and sugar).	0405	Turnips.	0465
Collards.	0407	Peas, green.	0441	Watercress.	0471
Cucumbers and pickles.	0411	Peas, Southern (cowpeas) - blackeyed, crowder, etc.	0409	Watermelons.	0473
Daikon.	0413			Vegetables, other, specify above.	0475



SECTION 11 FRUIT AND NUTS

1. Was there a combined total of 20 or more fruit or nut trees, including grapevines, on this operation in 2007? Include crops grown under contract. Exclude abandoned acres. Report berries in SECTION 12.

¹⁰⁴⁷ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 12

Total Acres		Acres Irrigated	
Acres	Tenths	Acres	Tenths

2. Acres in bearing and nonbearing fruit orchards, citrus groves, vineyards, and nut trees. 0121

3. For those crops not printed in the following table, enter the crop name and code from the list below for any other fruit and nuts on this operation in 2007. Include acres even if not harvested because of low prices, damage from hail, frost, etc.

Crop Name	Code	Total Acres		Bearing Age Acres		Nonbearing Age Acres	
		Acres	Tenths	Acres	Tenths	Acres	Tenths
Almonds	0321						
Apples	0123						
Avocados - Report for the Nov. '06 - Nov. '07 harvest season	0135						
Grapes	0366						
Lemons	0279						
Oranges, other than Valencia - Include Navel.	0174						
Oranges, Valencia	0150						
Peaches, clingstone	0222						
Peaches, freestone	0216						
Pistachios	0351						
Walnuts, English	0357						

If more space is needed, use a separate sheet of paper.

NONCITRUS FRUIT	CODE	NONCITRUS FRUIT	CODE	CITRUS FRUIT	CODE	NUTS	CODE
Apricots	0129	Olives - Report for the Sept. '06 - Mar. '07 harvest season.	0207	Report for the 2006 - 2007 harvest season.		Chestnuts	0324
Bananas	0141	Pears, Bartlett	0234	Grapefruit - Include		Hazelnuts (Filberts)	0327
Cherries, sweet	0345	Pears, other than Bartlett	0240	pummelo	0267	Macadamia nuts	0333
Cherries, tart	0587	Persimmons	0237	Kumquats	0273	Pecans, improved	0336
Dates	0159	Plums	0243	Limes	0285	Pecans, native and seedling	0342
Figs	0165	Pluots	0264	Tangelos	0303	Other nuts, specify above	0363
Guavas	0183	Pomegranates	0255	Tangerines	0309		
Kiwifruit	0189	Prunes	0249	Temples	0144		
Mangos	0195	Other noncitrus, specify above	0261	Other citrus fruit, specify above	0315		
Nectarines	0201						

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SECTION 12 BERRIES

1. Were any strawberries or other berries grown on this operation in 2007? Include crops grown under contract. Exclude personal or home use crops. Report crops grown under glass or other protection in SECTION 9.

¹⁰⁴¹ **Yes** - Complete this section ³ **No** - Go to SECTION 13

Acres Grown		Acres Irrigated	
Acres	Tenths	Acres	Tenths

2. Acres on which berries were grown in 2007. ¹⁰⁴⁵

3. Complete the following table for each berry crop grown on this operation in 2007. For two or more pickings of the same crop, report the acres only once.

Crop Name	Code	Total Acres		Acres Harvested		Acres not Harvested	
		Acres	Tenths	Acres	Tenths	Acres	Tenths
Blackberries and dewberries	0509						
Blueberries, tame	0512						
Boysenberries	0518						
Currants	0524						
Raspberries	0492						
Strawberries	0536						
Other berries, specify below <input type="text"/>	0539						
<input type="text"/>							
Other berries, specify below <input type="text"/>	0539						
<input type="text"/>							
Other berries, specify below <input type="text"/>	0539						
<input type="text"/>							
Other berries, specify below <input type="text"/>	0539						
<input type="text"/>							
Other berries, specify below <input type="text"/>	0539						
<input type="text"/>							

If more space is needed, use a separate sheet of paper.

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SECTION 13 CATTLE AND CALVES

1. Did you or anyone else have any cattle or calves, including dairy cattle, on this operation in 2007?

- Include**
- Cattle on public or industrial property under a grazing permit.
 - Cattle on land used rent free by this operation.
 - Cattle grown or fed on this operation for others on a custom or contract basis.
- Exclude** cattle grown or fed by someone else on a custom or contract basis.

¹²⁰¹ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 14 below

DECEMBER 31, 2007 INVENTORY

		Number on this operation December 31, 2007
2.	Of the total number of cattle and calves on hand, how many were -	None
a.	Beef cows? Include beef heifers that had calved. Exclude heifers that had not calved, steers, calves, and bulls. 0804	<input type="checkbox"/>
b.	Milk cows kept for production of milk? Include dry milk cows and milk heifers that had calved. 0805	<input type="checkbox"/>
c.	Other cattle? Include heifers that had not calved, steers, calves, and bulls. 1206	<input type="checkbox"/>
3.	TOTAL cattle and calves on hand December 31, 2007 - Add items 2a, 2b and 2c. 0803	<input type="checkbox"/>

CATTLE AND CALVES SOLD OR MOVED FROM THIS OPERATION

		None	Number
4.	Of the cattle and calves sold or moved from this operation during 2007, how many were -	None	Number
a.	Calves sold or moved in 2007 weighing less than 500 pounds? 0808	<input type="checkbox"/>	<input type="checkbox"/>
b.	Cattle sold or moved in 2007, including calves weighing 500 pounds or more? 0810	<input type="checkbox"/>	<input type="checkbox"/>

CATTLE IN FEEDLOTS - Include animals for slaughter market fed a ration of grain or other concentrates that are expected to produce a carcass that will grade select or better. Exclude cattle that were pastured only.

		None	Number
5.	How many of the cattle on hand reported in Item 3 above were on feed December 31, 2007, and were or will be shipped directly from your feedlot to slaughter market? Exclude cattle being backgrounded. . . 1207	None	Number
6.	How many of the cattle sold during 2007 reported in Item 4b above were shipped directly from your feedlot to slaughter market? Exclude any of your cattle being custom fed in feedlots operated by others. Exclude cattle sold as feeders. 0812	<input type="checkbox"/>	<input type="checkbox"/>

SECTION 14 SHEEP AND LAMBS

1. Did this operation **own** any sheep or lambs in 2007, regardless of location?

¹¹⁰³ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 15

		None	Number owned on December 31, 2007	Total number sold in 2007	Wool shorn in 2007 (pounds)
2.	Sheep and lambs owned. 0824	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a.	Ewes 1 year old or older. 0826	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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SECTION 15 POULTRY

1. Did you or anyone else have any poultry, such as chickens, turkeys, ducks, emus, ostriches, etc., on this operation in 2007? Include poultry grown for others on a contract basis.

1217 1 **Yes** - Complete this section 3 **No** - Go to SECTION 16

		Number on this operation December 31, 2007	Total number sold or moved from this operation in 2007
2. Chickens -			
a. Layers -			
	None		
(i)	Table egg types - Include layers for home use. 1229	<input type="checkbox"/>	
(ii)	Hatching layers for meat-types - Include layers for broilers, roasters, and other meat-types. 1231	<input type="checkbox"/>	
(iii)	Hatching layers for table eggs. 1233	<input type="checkbox"/>	
b.	Pullets for laying flock replacement. 1221	<input type="checkbox"/>	
c.	Broilers, fryers, and other chickens raised for meat production, including capons and roasters. 0898	<input type="checkbox"/>	
3. Turkeys -			
a.	Turkeys for meat production - Exclude breeders. 1225	<input type="checkbox"/>	
b.	Turkey hens kept for breeding. 1227	<input type="checkbox"/>	
4.	Ducks. 0904	<input type="checkbox"/>	
5.	Emus. 0845	<input type="checkbox"/>	
6.	Geese. 0906	<input type="checkbox"/>	
7.	Ostriches. 0878	<input type="checkbox"/>	
8.	Pheasants. 0910	<input type="checkbox"/>	
9.	Pigeons or squab. 0908	<input type="checkbox"/>	
10.	Quail. 0912	<input type="checkbox"/>	
11.	All other poultry - Include bantams, chukars, guineas, rheas, peacocks. Specify below ↴		
	<input type="text"/> 0914	<input type="checkbox"/>	
12.	All poultry hatched on this operation's hatcheries in 2007. Include chicks, poults, ducklings, etc., and those custom hatched for others. Specify kind(s) of poultry below ↴		
	<input type="text"/> 0916	None <input type="checkbox"/>	Number <input type="text"/>



SECTION 16 HOGS AND PIGS

1. Did you or anyone else have any hogs or pigs on this operation in 2007? 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 a contract basis.

1211 **Yes** - Complete this section 3 **No** - Go to SECTION 17 below

DECEMBER 31, 2007 INVENTORY

2. Of the total number of hogs and pigs on hand, how many were -

Number on this operation December 31, 2007	
None	
<input type="checkbox"/>	
<input type="checkbox"/>	

a. Hogs and pigs used or to be used for breeding? 0816

b. Other hogs and pigs, including market hogs? 0817

3. **TOTAL** hogs and pigs on hand December 31, 2007 -
Add items 2a and 2b. 0815

Number sold or moved
<input type="checkbox"/>

4. Number of hogs and pigs sold or moved from this operation in 2007,
including feeder pigs. 0820

TYPE OF OPERATION AND PRODUCER

5. Mark the **one** item 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 →

6. Mark the **one** item which best describes this producer -

1214 Independent grower 1215 Contractor or integrator 1216 Contract grower (contractee)

SECTION 17 AQUACULTURE

1. Did you or anyone else have any aquaculture on this operation in 2007? Include production for others on a contract basis.

1157 **Yes** - Complete this section 3 **No** - Go to SECTION 18

2. Enter the aquaculture type and code from the list below for fish and other aquaculture products grown on this operation in 2007. Include all sizes for each type. For fish include food size, fingerlings, fry, and eggs. Report aquatic plants in SECTION 9.

Aquaculture Type	Code	Total pounds sold or moved	Total number sold or moved	Value of Sales (Dollars)
		OR		\$.00
		OR		\$.00
		OR		\$.00
		OR		\$.00

If more space is needed, use a separate sheet of paper.

AQUACULTURE TYPE	CODE	AQUACULTURE TYPE	CODE	AQUACULTURE TYPE	CODE
Catfish.	0860	Baitfish.	0900	Ornamental fish.	0980
Trout.	0863	Crustaceans (crayfish, shrimp, etc.)	0902	Sport or game fish.	0984
Other food fish - specify above	0896	Mollusks (clams, oysters, etc.)	0978	Other aquaculture products - specify above.	0869

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SECTION 18 COLONIES OF BEES

1. Did this operation **own** any bees in 2007, regardless of location?

1104 1 **Yes** - Complete this section 3 **No** - Go to SECTION 19 below

	Number owned on December 31, 2007	Total colonies sold in 2007	Honey collected in 2007 (pounds)
2. Colonies of bees owned. 0839 <input type="checkbox"/>			

SECTION 19 OTHER ANIMALS AND LIVESTOCK PRODUCTS

1. Did you or anyone else have any horses, goats, other livestock, or livestock products on this operation in 2007?

1237 1 **Yes** - Complete this section 3 **No** - Go to SECTION 20

	Number on December 31, 2007	Total number sold in 2007
2. Horses and ponies. 0830 <input type="checkbox"/>		
a. How many of these were owned by this operation? 0872 <input type="checkbox"/>		
3. Mules, burros, and donkeys. 0833 <input type="checkbox"/>		
4. Milk goats. 0843 <input type="checkbox"/>		
5. Angora goats. 0847 <input type="checkbox"/>		
6. Meat goats and other goats. 0851 <input type="checkbox"/>		
7. Alpacas. 0876 <input type="checkbox"/>		
8. Llamas. 0874 <input type="checkbox"/>		
9. Bison. 0886 <input type="checkbox"/>		
10. Deer in captivity. 0888 <input type="checkbox"/>		
11. Elk in captivity. 0890 <input type="checkbox"/>		
12. Rabbits, including pelts. 0854 <input type="checkbox"/>		
13. Mink, including pelts. 0836 <input type="checkbox"/>		

	Number on December 31, 2007	Total number sold in 2007
14. Other livestock. Report emus and ostriches in section 15. Specify below <input type="checkbox"/>		


	Pounds clipped in 2007
15. Mohair. 0849 <input type="checkbox"/>	


	Quantity produced in 2007	Unit reported
16. Other livestock products - Include semen, embryos, worm castings, manure sold, etc. Specify below <input type="checkbox"/>		



SECTION 20 PRODUCTION CONTRACTS AND CUSTOM FEEDING

1. During 2007, were you a production contract grower for a processor or contractor where you grew a crop, raised livestock or poultry, or custom fed any livestock that **you did not own**? A production contract is an agreement setting terms, conditions, and fees to be paid by the contractor to this operation for the production of crops, livestock, or poultry.

1301 1 **Yes** - Complete this section 3 **No** - Go to SECTION 21 



2. Report number of head, bushels, etc. that were raised under production contracts and moved from this operation in 2007. Exclude commodities raised for marketing contracts.

	None	Total quantity moved from this operation in 2007	Unit
a. Broilers and other meat-type chickens. 1304	<input type="checkbox"/>		birds
b. Chicken eggs. 1305	<input type="checkbox"/>		dozen
c. Pullets for laying flock replacement. 1306	<input type="checkbox"/>		birds
d. Turkeys. 1307	<input type="checkbox"/>		birds
e. Custom fed cattle shipped directly for slaughter - Exclude cattle custom fed for you by others. 1308	<input type="checkbox"/>		head
f. Hogs and pigs. 1309	<input type="checkbox"/>		head
g. Other cattle, livestock, poultry, or aquaculture - specify type ↴ <input type="text"/> 1310	<input type="checkbox"/>		
h. Grains and oilseeds. 1311	<input type="checkbox"/>		bushels
i. Vegetables, melons, and potatoes - specify type ↴ <input type="text"/> 1312	<input type="checkbox"/>		
j. Other crops - specify type ↴ <input type="text"/> 1313	<input type="checkbox"/>		

3. What was the total dollar amount received in 2007 for delivering commodities under production contracts? 1314

Total Dollars	\$.00
---------------	----	--	-----

4. Mark all inputs that were partially or completely paid or provided by contractor(s) -

1316 Feeder livestock and poultry 1320 Supplies 1323 Veterinary Services

1317 Feed 1325 Seed 1324 Breeding livestock

1318 Fertilizer and lime 1321 Fuels 1326 Other - specify →

1319 Chemicals 1322 Utilities 1315 None

5. Enter Contractor that provided inputs and owned the commodity ↴

1327



SECTION 21 VALUE OF SALES

Report gross value of agricultural products sold from this operation in 2007. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts.

		None	Dollars	
1.	Grains, oilseeds, dry beans, and dry peas -			
	a. Corn for grain, seed, or silage. 1391	<input type="checkbox"/>	\$.00
	b. Wheat. 1392	<input type="checkbox"/>	\$.00
	c. Soybeans. 1393	<input type="checkbox"/>	\$.00
	d. Sorghum for grain, seed, or silage. 1394	<input type="checkbox"/>	\$.00
	e. Barley. 1395	<input type="checkbox"/>	\$.00
	f. Rice. 1398	<input type="checkbox"/>	\$.00
	g. Other - canola, dry edible beans, dry edible peas, flaxseed, oats, popcorn, rye, safflower, sunflower seed, etc. 1399	<input type="checkbox"/>	\$.00
2.	Tobacco. 1332	<input type="checkbox"/>	\$.00
3.	Cotton and cottonseed. 1333	<input type="checkbox"/>	\$.00
4.	Vegetables, melons, potatoes, and sweet potatoes, including beets, cabbage, cantaloupes, ginseng, pumpkins, sweet corn, tomatoes, watermelons, vegetable seeds and transplants, etc. 1334	<input type="checkbox"/>	\$.00
5.	Fruit, tree nuts, and berries, including almonds, apples, blueberries, cherries, grapefruit, grapes, hazelnuts, kiwifruit, oranges, pears, pecans, strawberries, walnuts, etc. 1335	<input type="checkbox"/>	\$.00
6.	Nursery, greenhouse, floriculture, and sod, including bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, etc. 1336	<input type="checkbox"/>	\$.00
7.	Cut Christmas trees and short rotation woody crops. 1337	<input type="checkbox"/>	\$.00
8.	Other crops and hay, including grass seed, hay, grass silage, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, etc. 1338	<input type="checkbox"/>	\$.00
9.	Hogs and pigs. 1341	<input type="checkbox"/>	\$.00
10.	Milk and other dairy products from cows. 1340	<input type="checkbox"/>	\$.00
11.	Cattle and calves, including beef and dairy cattle for breeding stock, fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc. 1339	<input type="checkbox"/>	\$.00
12.	Sheep, goats, and their products, including wool, mohair, milk, and cheese. 1342	<input type="checkbox"/>	\$.00
13.	Horses, ponies, mules, burros, and donkeys. 1343	<input type="checkbox"/>	\$.00
14.	Poultry and eggs, including broilers, chickens, turkeys, ducks, eggs, geese, hatchlings, pheasants, poultry products, etc. 1344	<input type="checkbox"/>	\$.00
15.	Aquaculture, including catfish, trout, ornamental and other fish, mollusks, crustaceans, etc. 1345	<input type="checkbox"/>	\$.00
16.	Other animals and other animal products, including bees, embryos, fur-bearing animals, honey, horns, manure, rabbits, semen, other animal specialties, etc. 1346	<input type="checkbox"/>	\$.00
17.	TOTAL SALES - Add items 1 through 16. 1347	<input type="checkbox"/>	\$.00
a.	What was the value of your landlord's share of the total sales (item 17 above) produced by this operation? Exclude cash rent. 1349	None <input type="checkbox"/>	Dollars	
			\$	.00



DIRECT SALES FOR HUMAN CONSUMPTION

18. During 2007, did you produce, raise, or grow any crops, livestock, poultry, or agricultural products that were **sold directly to individual consumers for human consumption**? Include sales from roadside stands, farmers markets, pick your own, door to door, etc. Exclude craft items and processed products such as jellies, sausages, and hams.

		Dollars	
1409	1 <input type="checkbox"/> Yes - Gross value of these direct sales. 0920	\$	.00
1410	Specify product(s) → <input type="text"/>		
3	<input type="checkbox"/> No - Go to SECTION 22 below		

SECTION 22 ORGANIC AGRICULTURE

1. Did this operation produce organic products (according to the National Organic Standards) for sale in 2007?

1248 1 **Yes** - Complete this section 3 **No** - Go to item 7 below

2. Was this operation a certified organic operation?

1250 1 **Yes** - Specify agency or organization that certified the organic production below. ↴

1252

3 **No** - Organic sales were exempt from certification.

		None	Number of Acres
3.	How many acres were used for organic production? 1430	<input type="checkbox"/>	<input type="text"/>
	a. Acres from which organic crops were harvested? 1440	<input type="checkbox"/>	<input type="text"/>
	b. Acres of organic pastureland? 1450	<input type="checkbox"/>	<input type="text"/>

			Dollars
4.	What was the total value of sales for crops produced and sold as organic by this operation in 2007? Include hay, fruits, vegetables, greenhouse products, grains, and oilseeds. 1460	<input type="checkbox"/>	\$ <input type="text"/> .00

5.	What was the total value of sales for livestock and poultry produced and sold as organic by this operation in 2007? 1470	<input type="checkbox"/>	\$ <input type="text"/> .00
----	---	--------------------------	-----------------------------

6.	What was the total value of sales for livestock and poultry products produced and sold as organic by this operation in 2007? Include eggs, milk, etc. 1480	<input type="checkbox"/>	\$ <input type="text"/> .00
----	---	--------------------------	-----------------------------

			Number of Acres
7.	In 2007, how many acres were being converted to organic production? 1490	<input type="checkbox"/>	<input type="text"/>

SECTION 23 COMMODITY CREDIT CORPORATION LOANS (CCC)

1. Did this operation receive any CCC loans in 2007? Include all CCC loans taken out in 2007, even if repaid.

¹⁰³⁵ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 24 below

2. Total amount received in 2007 from CCC loans for all commodities.

Include Austrian winter peas, barley, canola and other rapeseed, corn, cotton, crambe, dry edible peas, flaxseed, honey, lentils, mohair, mustard seed, oats, peanuts, rice, safflower, sesame seed, small chickpeas, sorghum, soybeans, sunflower seed, and wheat. 1411

None

Dollars

\$.00

SECTION 24 FEDERAL AND STATE AGRICULTURAL PROGRAM PAYMENTS

1. Did this operation receive any Federal, State, or local agricultural program payments in 2007? Exclude CCC loan payments. Also exclude CRP, WRP, FWP, and CREP payments reported in SECTION 4.

¹⁰³⁶ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 25 below

2. Amount received from -

None

Dollars

a. Direct payments as defined under the 2002 Farm Bill. 1420

\$.00

b. Counter-cyclical payments, loan deficiency payments (LDPs), marketing loan gains, and net value of commodity certificates. Include payments received through cooperatives. 1421

\$.00

c. Other Federal agricultural program payments. Include disaster payments and market loss payments, national dairy market loss payments, non-insured assistance program, EQIP (Environmental Quality Incentives Program), CSP (Conservation Security Program), livestock programs, and any other Federal programs. Exclude any type of insurance payments received. 1422

\$.00

d. State and local government agricultural program payments. 1423

\$.00

SECTION 25 INCOME FROM FARM-RELATED SOURCES

Report amount received before taxes and expenses in 2007.

1. Customwork and other agricultural services provided for farmers and others, such as plowing, planting, spraying, harvesting, preparation of products for market, etc. Exclude if customwork was an entirely separate business from your agricultural operation. 0992

None

Dollars

\$.00

2. Payments received from **cash rent** or **share payments** from renting out farmland or payments from lease of allotments. Include payments for livestock pastured on a per-head basis, per-month basis, AUM basis, etc. 0993

\$.00

3. Sales of forest products. Include timber, firewood, etc. Exclude sales of Christmas trees, short rotation woody crops, and maple products. 0994

\$.00

4. Agri-tourism and recreational services, such as farm or winery tours, hay rides, hunting, fishing, etc. 1401

\$.00

5. Patronage dividends and refunds from cooperatives. 1402

\$.00

6. Crop and livestock insurance payments received. Exclude payments received from casualty insurance, vehicle liability, blanket policies, and operator dwelling insurance. 1404

\$.00

7. Other income which is closely related to the agricultural operation. Include renting and leasing farm machinery and trucks, renting and leasing of livestock, animal boarding, tobacco quota buyouts and settlements, state fuel tax refunds, farm-generated energy, etc. Specify below. ↴

. 1403

\$.00



SECTION 26 PRODUCTION EXPENSES

Report total production expenses paid for this operation in 2007. Include expenses paid by your landlords and expenses connected with performing customwork for others. Exclude expenses not related to the farm business and any expenses paid by the contractor.

EXPENSES PAID BY THIS OPERATION AND ITS LANDLORD(S)		None	Dollars
1.	Fertilizer, lime, and soil conditioners purchased - Include cost of custom application and organic materials. 1501	<input type="checkbox"/>	\$.00
2.	Chemicals purchased such as insecticides, herbicides, fungicides, other pesticides, etc. - Include cost of custom application. 1502	<input type="checkbox"/>	\$.00
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	<input type="checkbox"/>	\$.00
4.	Breeding livestock purchased or leased, regardless of age - Include dairy cattle. 1504	<input type="checkbox"/>	\$.00
5.	All other livestock and poultry purchased or leased - Include stocker and feeder cattle, calves, sheep, lambs, feeder pigs, chicks, pullets, poult, horses, fish, goats, bee colonies, etc. Include livestock leasing expense. 1505	<input type="checkbox"/>	\$.00
6.	Feed purchased for livestock and poultry - Include grain, hay, silage, mixed feeds, concentrates, supplements, premixes, etc. 1506	<input type="checkbox"/>	\$.00
7.	Gasoline, fuels, and oils purchased for the farm business - Include diesel, natural gas, LP gas, motor oil and grease, etc. 1507	<input type="checkbox"/>	\$.00
8.	Utilities purchased for the farm business - Include electricity, farm share of telephone, water purchased, etc. 1508	<input type="checkbox"/>	\$.00
9.	Repairs, supplies, and maintenance costs for the farm business. 1509	<input type="checkbox"/>	\$.00
10.	Labor -		
a.	Hired farm and ranch labor - Include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. 1510	<input type="checkbox"/>	\$.00
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	<input type="checkbox"/>	\$.00
11.	Customwork and custom hauling, such as custom planting, harvesting, etc. and custom hauling of grain, livestock, milk, manure, etc. 1512	<input type="checkbox"/>	\$.00
12.	Rent -		
a.	Cash rent paid in 2007 for land and buildings - Include grazing fees. 1513	<input type="checkbox"/>	\$.00
b.	Rent and lease expenses for machinery, equipment, and farm share of vehicles - Exclude custom hire. 1514	<input type="checkbox"/>	\$.00
13.	Interest paid on debts -		
a.	Secured by real estate. 1515	<input type="checkbox"/>	\$.00
b.	Not secured by real estate. 1516	<input type="checkbox"/>	\$.00
14.	Property taxes paid in 2007 - Include farm real estate, machinery, livestock, etc. for the farm business. Exclude taxes paid by this operation's landlords. 1517	<input type="checkbox"/>	\$.00
15.	Other production expenses - Include animal health cost, storage and warehousing, marketing expenses, insurance, etc. Exclude health insurance premiums and payroll taxes. 1518	<input type="checkbox"/>	\$.00

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EXPENSES PAID BY LANDLORD(S)

	None	Dollars
16. How much did your landlord(s) pay for the production expenses for this operation in 2007? 1519	<input type="checkbox"/>	\$ <input type="text" value=""/> .00

DEPRECIATION

	None	Dollars
17. What was the total depreciation expense claimed by this operation in 2007 for all capital assets? Estimate 2007 from 2006 if necessary. 1520	<input type="checkbox"/>	\$ <input type="text" value=""/> .00

SECTION 27 FARM LABOR

1. How many hired farm or ranch workers, including paid family members and office workers -		None	Number of Hired Workers
a. Worked less than 150 days on this operation in 2007? Exclude contract labor. 0941	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>
b. Worked 150 days or more on this operation in 2007? Exclude contract labor. 0942	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value=""/>
2. Were any migrant workers on this operation in 2007? Include hired and contract 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 <input type="checkbox"/>	Yes	3 <input type="checkbox"/> No

SECTION 28 FERTILIZERS AND CHEMICALS APPLIED

1. Were any fertilizers, manure, herbicides, insecticides, fungicides, nematicides, other pesticides, growth regulators, or other chemicals used on this operation during 2007? Include rock phosphate, lime, and gypsum as fertilizer. 1568	1 <input type="checkbox"/>	Yes - Complete this section	3 <input type="checkbox"/>	No - Go to SECTION 29
2. Commercial fertilizer and soil conditioners applied to -	None	Number of Acres		
a. Cropland in 2007 - Exclude cropland used only for pasture. 0932	<input type="checkbox"/>	<input type="text" value=""/>		
b. Pastureland and rangeland acres in 2007 - Include cropland used only for pasture or grazing. 0933	<input type="checkbox"/>	<input type="text" value=""/>		
3. Acres of cropland and pastureland on which animal manure was applied. 1569	<input type="checkbox"/>	<input type="text" value=""/>		
4. Acres treated with chemicals to control the items listed below. The same acres can be reported in more than one item below. However, report acres only once for each item regardless of the number of applications.		Number of Acres		
a. Insects. 0936	<input type="checkbox"/>	<input type="text" value=""/>		
b. Weeds, grass, or brush - Include both pre-emergence and post emergence. 0939	<input type="checkbox"/>	<input type="text" value=""/>		
c. Nematodes. 0937	<input type="checkbox"/>	<input type="text" value=""/>		
d. Diseases in crops and orchards such as blight, smut, rust, etc. 0938	<input type="checkbox"/>	<input type="text" value=""/>		
5. Acres of crops treated to control growth, thin fruit, ripen, or defoliate. 0940	<input type="checkbox"/>	<input type="text" value=""/>		



SECTION 29 MARKET VALUE OF LAND, BUILDINGS, MACHINERY, AND EQUIPMENT

1. Report your estimate of the **current market value** of land and buildings reported in SECTION 1, items 1, 2, and 3 on page 2 for -

	None	Estimated Market Value (Dollars)
a. All land and buildings owned. 0996	<input type="checkbox"/>	\$ <input type="text"/> .00
b. All land and buildings rented or leased from others. 0997	<input type="checkbox"/>	\$ <input type="text"/> .00
c. All land and buildings rented or leased to others. 0998	<input type="checkbox"/>	\$ <input type="text"/> .00

2. What is your estimate of the **current value of all machinery, equipment, and implements** used for farm-related activities on this operation, regardless of ownership, on **December 31, 2007**? Include cars, trucks, tractors, tools, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment, tanks, feeders, grinding and mixing equipment, computers, etc. that were kept on this operation and used for this farm or ranch business in 2007. 0943

Estimated Market Value (Dollars)
\$ <input type="text"/> .00

SECTION 30 MACHINERY AND EQUIPMENT

1. For the items listed below, report the number on this operation on **December 31, 2007**. Include machinery, equipment, and implements used for the farm or ranch business in 2006 or 2007, and usually kept on the operation.

	None	Number on this operation December 31, 2007	None	Of these, the number manufactured in the last 5 years (2003-2007)
a. Trucks, including pickups. 0944	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
b. Tractors less than 40 horsepower (PTO) - Exclude garden tractors. 0946	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
c. Tractors 40 - 99 horsepower (PTO). 0948	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
d. Tractors 100 horsepower (PTO) or more. 0962	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
e. Grain and bean combines, self-propelled. 0950	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
f. Cotton pickers and strippers, self-propelled. 0956	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
g. Forage harvesters, self-propelled. 0953	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
h. Hay balers. 0960	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>

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SECTION 31 AGRICULTURAL ACTIVITY WITHIN THE BORDERS OF AMERICAN INDIAN RESERVATIONS, PUEBLOS, AND SERVICE AREAS

1. Did this operation use any land for livestock or cropland within the borders of an American Indian Reservation, Pueblo, or Service Area at any time during 2007?
 1050 1 **Yes** - Complete this section 3 **No** - Go to SECTION 32 below

2. Mark the type(s) of land this operation used within the American Indian Reservation, Pueblo, or Service Area.
 1058 owned or deeded 1059 trust (tribal or allotted) 1060 other, specify →

3. Enter the name and state of the American Indian Reservation, Pueblo, or Service Area where the agricultural activity occurred.

Reservation, Pueblo, or Service Area Name	State
1051	1052
Number of Acres	
1053	
1054	

4. How many total acres did this operation use for livestock or cropland within this Reservation, Pueblo, or Service Area in 2007? Exclude land used on a per-head or animal unit month (AUM) basis. 1053
 - a. How many of these acres were harvested cropland? 1054

5. In 2007, did this operation have any livestock within the borders of an American Indian Reservation, Pueblo, or Service Area? Include livestock on land used on a per-head or animal unit month (AUM) basis.
 1056 1 **Yes** - Continue 3 **No** - Go to SECTION 32 below
 - a. On **December 31, 2007**, what percent of this operation's livestock was on this Reservation, Pueblo, or Service Area?
 1057 1 None 3 26 - 50 percent 5 76 - 99 percent
 2 1 - 25 percent 4 51 - 75 percent 6 100 percent (all livestock)

SECTION 32 PRACTICES

1. At any time during 2007, did this operation -
 - a. Have Internet access? 1603 1 Yes 3 No
 - b. Have high speed Internet access? 1604 1 Yes 3 No
 - c. Use more than 5,000 gallons of water in any one day for any purpose? . . . 1721 1 Yes 3 No
 - d. Receive irrigation water supplied by a U. S. Bureau of Reclamation project or facility? Include reclamation water delivered by a local district. 1722 1 Yes 3 No
 - e. Generate energy or electricity on the farm using wind or solar technology, methane digester, etc.? 1723 1 Yes 3 No
 - f. Use conservation methods such as no-till or limited tilling, filtering runoff to remove chemicals, fencing animals from streams, etc.? 1724 1 Yes 3 No
 - g. Practice rotational or management intensive grazing? 1725 1 Yes 3 No
 - h. Pay on a per-head or animal unit month (AUM) basis for livestock to graze on any land (private, Federal, State, Indian Reservation, etc.)? 1720 1 Yes 3 No
 - i. Produce and sell value added crops, livestock, or products such as beef jerky, fruit jams, jelly, preserves, floral arrangements, etc.? 1726 1 Yes 3 No
 - j. Market products through a community supported agriculture (CSA) arrangement? 1727 1 Yes 3 No
 - k. Raise or sell veal calves? 1728 1 Yes 3 No
 - l. Raise or sell hair sheep or wool-hair crosses? 1729 1 Yes 3 No
 - m. Have a barn that was built prior to 1960? 1730 1 Yes 3 No



SECTION 33 TYPE OF ORGANIZATION

1. Mark the **one** item which best describes this operation in 2007.

- 1671 1 Family or individual operation - Exclude partnerships and corporations.
- 2 Partnership operation - Include family partnerships. • Is this partnership registered under state law? 1567 1 Yes 3 No
- 3 Incorporated under state law - • Is this a family-held corporation? 1681 1 Yes 3 No
 • Are there more than 10 stockholders? 1683 1 Yes 3 No
- 4 Other, such as estate or trust, prison farm, grazing association, American Indian Reservation, etc. - specify type →

SECTION 34 OPERATOR CHARACTERISTICS

1. In 2007, how many operators (individuals) were involved in the day-to-day decisions for this operation? Enter the number of operators and the number of women operators. Exclude hired workers unless they were a hired manager or family member. 1575

Total Number of Operators	Women Operators
<input type="text"/>	<input type="text"/>

2. Answer the following questions for up to three primary operators of this operation as of **December 31, 2007**.

	Principal Operator or Senior Partner	Operator 2	Operator 3
a. Name →	<input type="text"/>	<input type="text"/>	<input type="text"/>
b. Sex of operator	0926 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
c. At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 2007?	0928 Mark one answer only. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Other	1580 Mark one answer only. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Other	1591 Mark one answer only. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Other
d. Is this operator retired?	0924 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1582 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1593 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
e. How many days did the operator work off this operation in 2007? Include days in which the operator worked at least 4 hours per day in an off-farm job. Include work on someone else's farm for pay.	0929 Mark one answer only. 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 Mark one answer only. 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 Mark one answer only. 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
f. Did the operator live on this operation at any time in 2007?	0923 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



	Principal Operator or Senior Partner	Operator 2	Operator 3
g. In what year did the operator begin to operate any part of this operation?	0930 <input type="text"/>	1584 <input type="text"/>	1595 <input type="text"/>
h. What was the operator's age on December 31, 2007?	0925 <input type="text"/> years	1585 <input type="text"/> years	1596 <input type="text"/> years
i. Is the operator of Spanish, Hispanic, or Latino origin or background, such as Mexican, Cuban, or Puerto Rican, regardless of race?	0927 Spanish, Hispanic, or Latino origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1587 Spanish, Hispanic, or Latino origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1598 Spanish, Hispanic, or Latino origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
j. What is the operator's race?	<p>Mark one or more.</p> <p>1703 <input type="checkbox"/> American Indian or Alaska Native, specify tribe ↴ <input type="text"/></p> <p>1705 <input type="checkbox"/> Asian</p> <p>1702 <input type="checkbox"/> Black or African American</p> <p>1704 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander</p> <p>1701 <input type="checkbox"/> White</p>	<p>Mark one or more.</p> <p>1803 <input type="checkbox"/> American Indian or Alaska Native, specify tribe ↴ <input type="text"/></p> <p>1805 <input type="checkbox"/> Asian</p> <p>1802 <input type="checkbox"/> Black or African American</p> <p>1804 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander</p> <p>1801 <input type="checkbox"/> White</p>	<p>Mark one or more.</p> <p>1903 <input type="checkbox"/> American Indian or Alaska Native, specify tribe ↴ <input type="text"/></p> <p>1905 <input type="checkbox"/> Asian</p> <p>1902 <input type="checkbox"/> Black or African American</p> <p>1904 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander</p> <p>1901 <input type="checkbox"/> White</p>
k. How many people lived in the operator's household in 2007?	Number of persons living in Principal Operator's household 1577 <input type="text"/> number	Number living in household of Operator 2. Enter "0" if this operator has been counted in the previous column. 1589 <input type="text"/> number	Number living in household of Operator 3. Enter "0" if this operator has been counted in the previous columns. 1600 <input type="text"/> number
l. Is this operator a hired manager for this operation?	1576 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1588 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1599 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
HOUSEHOLD INCOME			Number
3. In 2007, how many households shared in the net farm income of this operation? 1608			<input type="text"/>
4. What was the total household income of the principal operator in 2007? Include net income from farming, wage or salary income from all sources, social security, and investment income.			
1678 1 <input type="checkbox"/> less than \$20,000 3 <input type="checkbox"/> \$30,000 to \$39,999 5 <input type="checkbox"/> \$50,000 or more			
2 <input type="checkbox"/> \$20,000 to \$29,999 4 <input type="checkbox"/> \$40,000 to \$49,999			
5. In 2007, what percent of the principal operator's total household income came from this operation? 1578			Percent (%) <input type="text"/>



SECTION 35 CONCLUSION

1. Is it possible the information on this form would be duplicated on a form with another name or address?

1080 1 **Yes** - Please provide the other name and address below 3 **No** - Go to Item 2

Name

1081

Address

1082

City

1083

State

1084

Zip

1085

2. Do you (the individual named on the label) make any day-to-day decisions for **another** farm or ranch? It is important that the Census of Agriculture accurately accounts for all of your farm or ranch operations.

1086 1 **Yes** - Continue 3 **No** - Go to Item 3

- a. Did you receive a 2007 Census of Agriculture report form for this additional farm or ranch?

1087 1 **Yes** - Go to item 3 3 **No** - Enter the information of the additional farm or ranch below

Additional Farm or Ranch

1088

Area Code and Phone Number

1089 - -

- 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**

3. Please print the information below for the person completing this form.

Name

1092

Area Code and Phone Number

1093 - -

Date (MM-DD-YYYY)

1094 - -

THANK YOU FOR YOUR COOPERATION.
Questions? Call us toll free at 1-888-424-7828.

A wide variety of agricultural statistics is available from the National Agricultural Statistics Service (NASS). Check out the NASS reports, data products, and services on the Internet at www.nass.usda.gov

According to Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB number. The time required to complete this information collection is estimated to average 50 minutes per response.

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INSTRUCTION SHEET UNITED STATES 2007 CENSUS OF AGRICULTURE

Who Should Report – A reply is needed from everyone who received a report form, including both persons who operated a farm, ranch or other agricultural operation in 2007 as well as those who were not involved in agriculture. Your report is due by February 4, 2008. More census information is on the Internet at www.nass.usda.gov/Census_of_Agriculture/

If you farmed in 2007, complete the enclosed report form and return it in the preaddressed envelope.

If you were a landlord only and rented out all of your land, complete sections 1 and 35 of the enclosed report form and return it in the preaddressed envelope. Even if you were a landlord but still operated any land yourself, you should complete the entire report form for that land which you operated.

If you had no land and no agricultural operations, return the report form with a note indicating your status on the front of the form below the address label.

Specialty Commodities - Horses, bees, elk, emus, fish, nursery, etc., are an important part of the agriculture industry. Report for all items, regardless of the amount of production or sales you had in 2007.

Land in Federal conservation programs in 2007 - If you had land in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) and you made the decisions on the acres, include the conservation land on this report form in sections 1, 2, and 4.

If you owned farm or ranch land in 2007 that was idle and NOT rented out, you should complete and return the report form.

Partial Year Operations - If you stopped farming during 2007, complete the report form for the portion of the year that you did farm. Write "Stopped farming during 2007" and the date you stopped farming below the address area. Mail the completed report form in the return envelope.

Involved In More Than One Operation - If you made decisions for more than one operation, you should have received a report form for each operation. Provide information for each operation on a separate form. To obtain additional report forms, please call the toll-free help line at 1-888-424-7828.

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 per operation. Write "Duplicate" below the address area of each extra form. Return all forms in the same return envelope with your completed form so that we can correct our records.

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 separate operation. We have listed all the known partners below the address area to assist in defining the operation. Make any necessary corrections to these names. If you have questions, please call the toll-free help line, 1-888-424-7828.

Entering Your Responses - Use BLUE or BLACK INK only. Enter your replies in the unit requested, i.e., dollars, bushels, tons, etc. When reporting dollars, report in whole dollars only. Convert fractions to decimals. Please print clearly and keep numbers and letters within the white boxes. Mark all applicable Yes/No and None boxes with an "X".

INSTRUCTIONS FOR SPECIFIC SECTIONS

SECTION 1 – ACREAGE IN 2007

Your answers in this section will determine the land (**Acres in "THIS OPERATION"**) referred to throughout the report form. Include land associated with your agricultural operation in 2007, whether in production or not. Include all land that you owned or rented during 2007, even if only for part of the year. Exclude residential or commercial land. Report in whole acres.

Item 1 - Report all land owned in 2007 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 - Report all land rented or leased by you or your operation. Exclude land used under Government grazing permits or on a per-head or animal unit (AUM) basis. Bureau of Land Management (BLM) section 15 land leased by your operation with a specified acreage tract should be included here even though your fees to BLM are paid on an AUM basis.

Item 3 - Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. Your tenant(s) will receive a form to report production for the land they rent. Do not report land placed in conservation programs as acres rented to others.

Item 4 - This is all land you operated at any time in 2007. Land use should be reported for these acres.

Total acres equals zero (0) - After completing section 1, if the acres in item 4 equal zero and you did not raise or own any livestock, aquaculture, or poultry in 2007, skip to and complete section 35. Write "All land rented out" in the space below section 1 if all your land was operated by a renter or sharecropper. Mail the report form in the return envelope.

SECTION 2 - LAND

The sum (item 5) of the acres entered in items 1 - 4 should equal the total acres in section 1, item 4, which is "this operation" for this census report. Do not report any crops grown on land rented or leased to others or worked by others on shares during 2007.

Land used for more than one purpose - Do not report the same acreage in more than one of the listed categories. If part or all of your land was used for more than one listed purpose in 2007, 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 2c, cropland used only for pasture or grazing.

CRP/WRP and other conservation programs - Report acres in items 1 through 3 that best describes these acres. For example, CRP land may be reported in cropland harvested, idle cropland, or woodland not pastured depending on its use.

Item 1a -

Double cropping or interplanted crops - If more than one crop was harvested from the same land in 2007, report that land only once as cropland harvested.

Christmas trees to be cut and short rotation woody crops - Report the acres for these types of crops that were cut in 2007 and will be cut in later years as cropland harvested.

Skip row planted crops - Report the acres that represent planted rows as cropland harvested, item 1a. Report the acres that represent the total non-planted or skipped rows as cropland idle in item 1d.

Item 1c - Include cropland left unseeded for the 2007 harvest and summer fallowed, cultivated by tillage, or treated with herbicides to control weeds and conserve moisture. Include cropland summer fallowed in 2007 even though it may have been planted to wheat, etc., for the 2008 harvest.

SECTION 3 - IRRIGATION

Include acres irrigated by all methods and from all water sources including those irrigated from lagoons through a sprinkler or flood system.

SECTION 4 - CONSERVATION RESERVE PROGRAM AND CROP INSURANCE

Item 2 - Report all acres covered by any crop insurance policy in 2007. Include land in pasture insurance programs and acres covered by guaranteed revenue policies.

SECTION 5 - FIELD CROPS

Acres harvested - Enter the acres harvested in 2007. Round fractions to whole acres except for tobacco where tenths should be reported.

Total quantity harvested - If your unit of measure is different than the unit requested on the report form, convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 2007, 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.

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, report the acreage occupied by the crop and report the skipped portion as cropland idle in section 2, item 1d.

Sweet corn harvested for seed is reported as crop code 0740 and the value of sales is reported in section 21, item 4.

SECTION 6 - GRAIN STORAGE CAPACITY

Report total capacity of all structures normally used, even if they were not used in 2007. Do not report any capacity or usage of off-farm public storage or capacity of structures leased to others.

SECTION 7 - HAY AND FORAGE CROPS

Include hay and forage from alfalfa, wild or native grasses, small grains, soybeans, and peanuts. Report production in tons. Any pasture or conservation land that had hay cut from it should be reported as cropland harvested in section 2, item 1a.

SECTION 8 - WOODLAND CROPS AND MAPLE SYRUP

Cut Christmas trees - Acres in production of cut Christmas trees include both those to be harvested in future years as well as those harvested in 2007. Trees cut should include only those trees cut in 2007.

Short rotation woody crops - A short rotation woody crop is a tree that is harvested in 10 years or less. These are trees for use by the paper or pulp industry or as engineered wood. Exclude trees cut for timber. Acres harvested in 2007 should be reported as having been both in production and harvested. Acres not harvested in 2007 should be reported in production only.

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. Report the acres of tapped maple trees in section 2, item 3, woodland not pastured.

SECTION 9 - NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, VEGETABLE SEEDS, AND PROPAGATIVE MATERIALS

Report Christmas trees grown on this operation and sold live as nursery stock, code 0488. Value of sales should be reported only for those items grown on the operation, not items bought for immediate resale. Report all acres of Christmas trees in production for cut Christmas trees and the number cut in 2007 in section 8.

SECTION 10 - VEGETABLES, POTATOES, AND MELONS

For crops planted more than once during the year, report the total acres harvested during 2007. For example, if 1 acre was planted to lettuce, harvested, and an additional acre was planted and harvested, report 2 acres of lettuce under total acres harvested.

SECTION 11 - FRUIT AND NUTS

Report fruit and nut trees only if there was a combined total of 20 or more trees and vines whose production was either for home use or for sale. Exclude abandoned acres of orchards or vineyards which should be reported in section 2, item 1d. Bearing age acres are the acres of trees or vines that produced any fruit or nut crop in 2007 or previous years. If fruit and nut trees and vines were interplanted with other crops, report only the total acres for the orchard in section 11, and the total acres of each interplanted crop in their appropriate section(s).

SECTION 12 - BERRIES

Do not include abandoned acres or acres harvested for home use.

SECTIONS 13, 15, AND 16 - CATTLE AND CALVES, POULTRY, AND HOGS AND PIGS

Include all animals on this operation on December 31, 2007 owned by you, raised by you under contract, or kept by you for others. Include animals on unfenced lands, National Forest land, Indian Reservation 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, 2007, should be reported by the person who had control of the animals on that day. Report beefalo as cattle in section 13. Report buffalo as bison in section 19.

Contract and custom feeding operations - Report numbers of animals or poultry on this operation on December 31, 2007. Report as sold, animals and poultry kept on a contract or custom basis and moved or sold from this operation in 2007. Report in section 20 on the appropriate line the quantity delivered of custom fed livestock or production contract livestock and poultry and report the dollar amount received from the contractor in section 20, item 3.

Cattle, hogs, 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 that were not located on this operation. Do not report the sales of 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 2007, 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, or during the winter to public grazing land.

Cattle in feedlots

Do NOT include in cattle in feedlots:

- 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 14 - SHEEP AND LAMBS OWNED

Item 2 - Report sheep, lambs, and ewes owned by you regardless of their location. Include ewes owned in both item 2 and item 2a. Report pounds of wool shorn in 2007 only.

Contract and Custom Feeding Operations - Do not report inventory of sheep and lambs that were not owned by you. They are to be reported on the owner's report form.

SECTION 17 - AQUACULTURE

Include all sizes for each type. On a separate line, specify the sale of fish eggs, fry, or fingerlings for each type. Convert units such as bushels, bags, or gallons to number or pounds.

SECTION 18 – COLONIES OF BEES

Report the number of bee colonies for honey or pollination owned regardless of location. Report the total colonies of honey bees or pollination bees sold during 2007. Report the pounds of honey collected in 2007 whether sold or not sold. Report the value of sales of honey, bee colonies, beeswax, pollen, package bees, and leaf cutter bees in section 21, item 16. Report the quantity of package bees produced in section 19, item 16.

SECTION 19 – OTHER ANIMALS AND LIVESTOCK PRODUCTS

Item 2 - Report in item 2 the total number of horses on this operation regardless of ownership on December 31, 2007. In item 2a, report only those horses in item 2 that were owned and sold by this operation. Exclude horses owned by this operation but stabled elsewhere.

Items 4, 5, and 6 - Report goats based on utilization regardless of breed.

Items 12 and 13 - If mink pelts and rabbit pelts were sold in 2007, include in number sold. Retained pelts should be included in inventory. The value of pelt sales should be reported in section 21, item 16.

Item 16 - Include bees wax, bee pollen, package bees and feathers.

SECTION 20 – 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, 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.

Report amount of the specified commodity that you raised and delivered under a production contract in the unit requested in item 2. 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. If you had multiple contracts to produce different commodities, report the appropriate amount of each commodity produced under each contract in the proper categories. Report the total amount the contractor paid you for producing the commodity(s) in item 3. Exclude marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price.

SECTION 21 – VALUE OF SALES

Report the value of all crops and livestock sold from this operation in 2007 on the appropriate line(s) of section 21. Report the sales in 2007 regardless of the year crops were harvested or raised. Include the value of your landlord's share of the commodities harvested. Also, report as sold commodities, such as cattle, that you owned and moved to someone else's operation for further feeding. Report gross value before expenses and taxes. Include payments received in 2007 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 baled hay for labor or other services. Report the total value you received for animals and poultry sold from this operation in 2007, without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.).

Do NOT include:

- Proceeds from CCC loans or other government payments.
- 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 6 - Exclude crops bought for resale without additional growing, such as plugs and started plants or garden center items, such as pot liners, chemicals, and fertilizers.

Item 17a - If you rented land under a share arrangement, report your landlord's share of the crop and livestock sales included in item 17.

Item 18 - 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 that you bought and resold within 30 days. Exclude craft items such as bird houses, woodwork, etc.

SECTION 22 – ORGANIC AGRICULTURE

A farm produces organic products if it operates according to the practices outlined in the National Organic Standards. Farms exempt from certification because they sell less than \$5,000 in organic products a year should also report in this section. Acres used for organic production include pastureland and acres where crops were harvested, as well as any acres not used in the census year because crops failed, land was in a cover rotation, or crops were not yet of bearing age. Total sales of organic products include all sales of the products, regardless of whether an organic premium was obtained.

Item 7 - Acres being converted to organic production apply to all acres in the farm operation that are in the three year transition period before land can be certified as organic. Acres reported in item 7 should not be reported in item 3.

SECTION 23 – COMMODITY CREDIT CORPORATION (CCC) LOANS

Report amount received for commodities placed under CCC loan during 2007. Include amount received even if commodity was redeemed or forfeited prior to December 31, 2007. Exclude CCC loans to build crop storage facilities.

SECTION 24 – FEDERAL AND STATE AGRICULTURAL PROGRAM PAYMENTS

For conservation program cost shares, include the government's share of the amount paid. Exclude any payments from loans or programs which must be repaid.

SECTION 25 – INCOME FROM FARM-RELATED SOURCES

Report only those income producing activities for which you used 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 2 - Exclude rental income from nonfarm property.

Item 3 - Include only those forest products cut from this operation, not items cut from other nonfarm timber acreage. Exclude income from a sawmill business. Report sales of Christmas trees or maple syrup or sap products in section 21.

SECTION 26 – PRODUCTION EXPENSES

Include farm production expenses paid by you or your landlord(s) for crops, livestock, or poultry produced on this operation in 2007 in items 1 through 15. Include expenses associated with the generation of farm-related income reported in Section 25. Include expenses incurred in 2007 even if they were not paid in 2007. Estimate if exact figures are not known.

Contract growers or custom feeders - Do not report as production expenses, the value of inputs provided by the contractor or livestock owner. Identify the items that were contractor provided in section 20, item 4.

Item 2 - Include surfactants and oils and other products used to increase a chemicals effectiveness.

Item 6 - Report the purchase cost of all grains, silage, hay, commercially mixed and premixed feeds, ingredients, concentrates, etc., fed to livestock or poultry on this operation. Contract livestock and poultry growers should not report the value of feed that was provided by a contractor. Do not report the value of feed raised and fed on this operation as an expense.

Item 9 - Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Include expenses for repairs to machinery and equipment used only for customwork if income from those machines is reported in section 25. Exclude repairs to vehicles not used in the farm business. Exclude expenditures for the construction of new buildings or the cost of additions to existing buildings.

Item 10a - Include labor expense for the farm business for 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 10b - Include 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. Report the cost of customwork or machine hire in item 11.

Item 12a - Exclude rent paid for operator dwelling or other nonfarm property. Exclude the value of shares of crops or livestock paid to landlords.

Item 13 - Report all interest expenses paid in 2007 for the farm business. Include interest paid on CCC loans in item 13b. 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 the amount is separated from the interest on the land and buildings on this operation.

Item 14 - Include real estate property taxes you paid on the acres and buildings you owned and used in the farm business and property taxes on equipment or livestock. Exclude property taxes on land or buildings rented to someone else, property taxes paid on other property not associated with the farm business, income, social security, and excise taxes.

SECTION 27 – FARM LABOR

Report the number of paid farm or ranch workers who performed agricultural labor on this operation in 2007. Include paid family members. Include workers such as hired bookkeepers, office workers, maintenance workers, etc., if their work was 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 in items 1a and 1b.

SECTION 28 – FERTILIZERS AND CHEMICALS APPLIED

Fertilizer - Report acres on this operation on which commercial fertilizer was applied during 2007 only once, even if multiple applications were made. Report fertilizer and manure expenditures in section 26, item 1.

Chemicals - 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 26, item 2. Estimate the acreage for spot treatments.

SECTION 29 – MARKET VALUE OF LAND, BUILDINGS, MACHINERY, AND EQUIPMENT

Item 1 - Estimate the value of the land, houses, barns, and other buildings for each of the three listed categories 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.

Item 2 - 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, hand tools, and office supplies. 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 29, item 1.

SECTION 30 – MACHINERY AND EQUIPMENT

Report the total on this operation or normally on this operation and normally used on this operation in the first column. Do not report obsolete or abandoned equipment. In the second column, report only the number manufactured in the last five years.

SECTION 31 – AGRICULTURAL ACTIVITY WITHIN THE BORDERS OF AMERICAN INDIAN RESERVATIONS, PUEBLOS, AND SERVICE AREAS

Complete this section if any of your cropland or livestock was on an American Indian Reservation, Pueblos, or service area in 2007. Include trust acres used, as well as deeded land or land leased from others that was on the Reservation.

SECTION 32 – PRACTICES

Item 1c - Include water for any purpose – irrigation, cleaning, water for livestock, etc.

Item 1g - Rotational grazing is the practice of subdividing pasture into smaller sections and grazing different sections at different times.

Item 1m - Include any barn (used or not) on your operation that was built prior to 1960.

SECTION 33 – 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, 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 34 – OPERATOR CHARACTERISTICS

This section collects information about the operator(s) 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. The principal operator is 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.

Item 1 - Enter the number of people who made day-to-day decisions for this operation. Do not report as operators minor-aged children who only worked on the farm.

Item 2 - Answer each question for up to three operators. If there were more than three, answer for three operators only.

Item 2c - 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 2g - 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 3 - 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 landlords, custom equipment operators, or provide other supplies that are listed in section 26, Production Expenses. Your answer should not exceed the number of operators listed in item 1.

SECTION 35 – CONCLUSION

Item 1 - If your operation might be identified under a different name than printed on the front of the form (for example, a farm name or another partner), please provide these names.

Item 2a - All farms and ranches should receive their own forms to complete. If you operated another farm or ranch, indicate whether you received a form for that operation.

Index

Items located in the publications are organized in broad categories. Chapter 1 tables are denoted by I. Chapter 2 tables are denoted by II. Appendix A tables are denoted by letters A–D.

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
A							
Acres (see Land in farms)							
Age of -							
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Principal operator	I-58	-	-	I-59,60	I-1, 49,51,53, 54, 56,57,61, 63, 65; II-1,46	I-48	I-62,64; A,B
Second operator	-	-	-	-	I-49, 51,57	-	-
Third operator	-	-	-	-	I-49, 51,57	-	-
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Agricultural products sold, market value	I-58	-	-	I-1-3,40,59, 60; II-1	I-52,54,55, 61, 63, 65	I-11,48	I-47,62,64
Alfalfa hay	I-58	I-32,33; II-27	-	I-59,60	I-61,63,65	-	I-62,64
Alfalfa haylage	-	I-33; II-27	-	-	-	-	-
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American Indian or Alaska Native operators	I-58	-	-	I-59,60	I-51,53-57, 61,63,65; II-51	-	I-47,62,64; A, B, D
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Austrian winter peas	-	I-33; II-26	-	-	-	-	-
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B							
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Baitfish	-	-	II-23	-	-	-	-
Bananas	-	I-35; II-32	-	-	-	-	-
Barley for grain	I-58	I-1, 32,33; II- 1,25,26	-	I-2,59,60; II-2	I-61,63,65	-	I-62,64
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Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
Beans -							
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Dry limas	-	II-26	-	-	-	-	-
Snap	I-58	I-34; II-30	-	I-59,60	I-61,63,65	-	I-62,64
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Beef cows	I-58	-	I-1,12,16; II-1,11,16	I-59,60	I-61, 63, 65	I-11	I-47, 62, 64; II-45
Bees, colonies	-	-	I-31; II-21	-	-	-	I-46
Beets	-	I-34; II-30	-	-	-	-	-
Bell peppers	-	I-34; II-30	-	-	-	-	-
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Black or African American operators	I-58	-	-	I-59,60	I-51, 53, 54, 55,56,57,61,63, 65; II-53	-	I-47,62,64; A, B
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Brussels sprouts	-	I-34; II-30	-	-	-	-	-
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C							
Cabbage -							
Chinese	-	I-34; II-30	-	-	-	-	-
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Mustard	-	I-34; II-30	-	-	-	-	-
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Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
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Chemicals	-	-	-	I-40,59, 60; II-3	I-61,63,65	I-45	I-62,64
Cherries -							
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Tart	-	I-35; II-32	-	-	-	-	-
Chestnuts	-	I-35; II-32	-	-	-	-	-
Chicory	-	I-34; II-30	-	-	-	-	-
Chili peppers	-	I-34; II-30	-	-	-	-	-
Citrus fruit	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-46,62,64
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Collards	-	I-34; II-30	-	-	-	-	-
Colonies of bees	-	-	I-31; II-21	-	-	-	-
Combined market value of agricultural products sold and government payments	I-58	-	-	I-3,59,60	I-50, 52, 54, 55, 61,63,65	-	I-62,64
Combines, grain and bean	I-58	-	-	I-44,59,60; II-41	I-61,63,65	-	I-62, 64
Commercial fertilizer	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11,45; II-42	I-62, 64
Commodity certificates	-	-	-	I-6	-	-	-
Commodity Credit Corporation loans	I-58	-	-	I-6,59,60; II-5	I-50,52,54, 55,61, 63, 65	I-11	I-62
Community supported agriculture	-	-	-	-	-	II -44	-
Computer use	I-58	-	-	I-59,60	I-50,52,54, 55, 61,63,65; II-46	-	I-62
Conservation practices	I-8,58	-	-	I-59,60	I-61,63,65	II -44	I-62,64
Conservation Reserve Programs	I-8,58; II-8	-	-	I-6,59,60; II-5	I-50,52,54,55, 61, 63, 65	I-11	I-62,64
Contract labor expense	I-58	-	-	I-4,59,60; II-3,7	I-61,63,65	I-11	I-62,64
Corn	I-58	I-1,32,33; II-1,25-27, 30	-	I-2,59,60; II-2	I-61,63,65	-	I-46,62,64; II-1
Corporations	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63, 65; II-46	-	I-62,64; A,B
Cotton -							
Pima	-	I-1,32,33; II-1,26	-	-	-	-	-
Upland	-	I-1,32,33; II-1,26	-	-	-	-	-
Cotton and cottonseed	I-58	I-1,32,33; II-1,25-26	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Cotton pickers and strippers, self-propelled	I-58	-	-	I-44,59,60; II-41	I-61,63,65	-	I-46,62,64
Counter-cyclical payments	-	-	-	I-6	-	-	-
Coverage adjustment	-	-	-	-	-	-	A , C
Cow herd size	I-58	-	I-12,14-17; II-11	I-59,60	I-58,61,63-65	-	I-62,64
Cowpeas, dry	-	II-26	-	-	-	-	-
Cowpeas, green	-	I-34; II-30	-	-	-	-	-
Cows and heifers that calved	I-58	-	I-12,14-17	I-59,60	I-58,61,63-65	-	I-62,64
Crambe	-	II-28	-	-	-	-	-
Cranberries	-	I-36; II-34	-	-	-	-	-
Crimson clover seed	-	II-27	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Crop insurance, conservation, and organic practices	I-58; II-8	-	-	I-59,60	I-61,63,65	-	I-62,64
Crop insurance, land covered	I-8,58	-	-	I-59,60	I-61,63,65	-	I-62,64
Cropland-							
For pasture or grazing only	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-62,64
Harvested	I-8,9,58; II-8	I-1,39; II-1,25,39	-	I-40,59,60	I-61,63,65; II-47	I-10,11	I-46,62,64
Idle or used for soil improvement	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-62,64
On which crops failed	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-62,64
Summer fallow	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-62,64
Crops, including nursery and greenhouse, value	-	I-2; II-2	-	I-1; II-1	I-55	I-11	I-47
Crustaceans	-	-	II-23	-	-	-	-
Cucumbers	-	I-34; II-30	-	-	-	-	-
Currants	-	I-36; II-34	-	-	-	-	-
Customwork and custom hauling, expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Customwork and other agricultural services, income	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Cut Christmas trees	-	I-38; II-36	-	-	-	-	-
Cut Christmas trees and short-rotation woody crops, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Cut flowers	-	I-37; II-35	-	-	-	-	-
Cuttings, seedlings, liners, and plugs	-	I-37; II-35	-	-	-	-	-
D							
Daikon	-	I-33,34; II-30	-	-	-	-	-
Dairy cows	-	-	I-11-12,17; II-11	-	-	I-11	-
Dairy products, sales value	I-58	-	I-17	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Dates	-	I-35; II-32	-	-	-	-	-
Days worked off farm	I-58	-	-	I-59,60	I-48, 49, 51, 53, 56,57,61, 63,65; II-46	-	I-62,64
Deer	-	-	I-31; II-24	-	-	-	-
Defoliation chemicals applied	I-58	-	-	I-59,60	I-61,63,65	I-45; II-42	I-62,64
Depreciation expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	-	I-62,64
Dill for oil	-	II-28	-	-	-	-	-
Direct payments	-	-	-	I-6; II-5	-	-	-
Direct sales to individuals	I-58	-	-	I-2,59,60; II-2	I-61,63,65	-	I-62,64
Diseases, chemical control	I-58	-	-	I-59,60	I-61,63,65	I-45; II-42	I-62,64
Donkeys (see Mules, burros, and donkeys)							
Dry edible beans	I-58	I-1,32,33, II-1,25,26	-	I-2,59,60	I-61,63,65	-	I-62,64
Ducks	-	-	I-27; II-13,14	-	-	-	-
E							
Economic class of farms	I-58	-	-	I-3,59,60; II-2	I-50, 52, 54, 55, 61,63,65; II-47	-	I-62,64
Eggs, chicken	-	-	-	-	-	I-41; II-40	I-46
Eggplant	-	I-34; II-30	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Elk	-	-	I-31; II-24	-	-	-	-
Emmer and spelt	-	II-26	-	-	-	-	-
Emus	-	-	I-27; II-14	-	-	-	-
Equipment and machinery	I-58	-	-	I-1,4,43,44, 59, 60; II-1,41	I-61,63,65	I-11	I-46, 47, 62,64
Escarole and endive	-	I-34; II-30	-	-	-	-	-
Estimated market value of land and buildings	I-58; II-8	-	-	I-1,40,42,59, 60; II-1	I-61,63,65	I-11	I-46, 47, 62, 64
Estimated market value of machinery and equipment	-	-	-	I-40	-	I-11	I-1,47,62,64; II-1
Ewes 1 year and older	I-58	-	I-28-30; II-16	I-59,60	I-61,63,65	-	I-62,64
Expenses paid by landlords	I-58	-	-	I-4,59,60	I-61,63,65	-	I-62,64
Expenses, total farm production	I-58	-	-	I-1,4,40,59,60; II-1,3	I-61,63,65	I-11	I-47,62,64;
F							
Family held corporations	I-58	-	-	I-59,60	I-61,63,65; II-46	-	I-62,64; A,B
Family operations	I-58	-	-	I-59,60	I-50,52,54,55, 61,63,65; II-46	-	I-1,62,64; A,B
Farm characteristics	-	-	-	-	I-50-52,54,55	-	I-46; A,B
Farm production expenses	I-58	-	-	I-1, 4,40,59,60; II-1, 3	I-61,63,65	I-11	I-1,47,62,64; II-1
Farm size	I-58	-	-	I-59,60	I-50,54,55, 61, 63, 65	-	I-1,47, 62,64; A,B
Farmer (see Operators)							
Farmland, rent income received	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Farms, number	I-8,9,58; II-8,9	I-32-39; II-25, 39	I-12-31; II-11-24	I-2-7, 40, 42-44, 59,60; II-2-7,41	I-49-56, 61, 63,65; II-46-56	I-10,11,41, 45,48; II-10, 40, 42-44	I-1, 46, 47, 62, 64; II-1; A - D
Feed purchased, expense	I-58	-	-	I-1, 4,40,59,60; II-3	I-61,63,65	I-11	I-1,62,64
Fertilizer and chemicals applied	I-58	I-45; II-42	-	I-59,60	I-61,63,65	I-11,45; II-42	I-62,64
Fertilizer, lime, and soil conditioners purchased, expense	I-58	I-45; II-42	-	I-1,4,40,59,60; II-3	I-61,63,65	I-11,45;	I-62,64
Fescue seed	-	I-33; II-27	-	-	-	-	-
Field and grass seed crops	I-58	I-33; II-26,27	-	I-59,60	I-61,63,65	-	I-62,64
Figs	-	I-35; II-32	-	-	-	-	-
Filberts (hazelnuts)	-	I-35; II-32	-	-	-	-	-
Flaxseed	-	I-33; II-26	-	-	-	-	-
Floriculture crops	-	I-37; II-35	-	I-40,59; II-2	-	-	-
Flower seeds	-	I-37; II-35	-	-	-	-	-
Foliage plants	-	I-37; II-35	-	-	-	-	-
Forage, all, land used	I-58	I-1,32,33; II-1,25,27	-	I-59,60	I-61,63,65	-	I-1, 62,64
Forage harvesters, self-propelled	I-58	-	-	I-59,60; II-41	I-61,63,65	I-44	I-62,64
Forest products, sales values	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Foxtail millet seed	-	II-27	-	-	-	-	-
Fruit and tree nuts	I-58	I-33,35; II-32	-	I-59,60; II-2	I-50,52,54,55, 61,63,65	-	I-46,62,64
Fruits, tree nuts, and berries, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Fuels purchased, expense	I-58	-	-	I-1,4,40,59,60; II-3	I-61,63,65	I-11	I-62,64
Full owners	I-58	-	-	I-59,60	I-50,52,54,55, 61,63,65; II-46	-	I-47,62,64; A, B

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
G							
Gains, net income	I-58	-	-	I-5,59,60; II-4	I-54,61,63,65	-	I-62,64
Game or sport fish	-	-	II -23	-	-	-	-
Garden plants sold	-	I-37	-	-	-	-	-
Garlic	-	I-34; II-30	-	-	-	-	-
Gasoline, fuels and oils purchased, expense	I-58	-	-	I-1,4,40,59,60; II-3	I-61,63,65	I-11	I-1,62,64
Geese	-	-	I-27; II-13,14	-	-	-	-
Generated energy	-	-	-	-	-	II-44	-
Ginger root	-	II-28	-	-	-	-	-
Ginseng	-	I-34; II-30	-	-	-	-	-
Goats	I-58	-	I-31; II-17-20	I-2,40,59,60; II-2	I-61,63,65	-	I-46,62,64
Government payments, all	I-58	-	-	I-3,6,40,59,60; II-1,5	I-50, 52, 54, 55, 61,63,65	I-11	I-17,62,64
Grain and bean combines	I-58	-	-	I-44,59,60	I-61,63,65	-	I-62,64
Grain storage capacity	-	-	-	-	-	-	I-39; II-39
Grains, oilseeds, dry beans, and dry peas	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	I-41, II-40	I-62,64
Grapefruit	-	I-35; II-32	-	-	-	-	-
Grapes	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-46,62,64
Grass silage	-	I-32,33; II-27	-	-	-	-	-
Greenchop	I-58	I-32,33; II-25,27	-	I-59,60	I-61,63,65	-	I-1,62,64; II-1
Greenhouse fruits and berries	-	I-37; II-35	-	-	-	-	-
Greenhouse vegetables	-	I-37; II-35	-	I-37; II-2	-	-	-
Greenhouse tomatoes	-	I-37; II-35	-	-	-	-	-
Guar	-	II-28	-	-	-	-	-
Guavas	-	I-35; II-32	-	-	-	-	-
H							
Harvested cropland	I-8,9,58; II-8,9,46	I-1,33-39; II-1, 25-39	-	I-40,59,60	I-61,63,65; II-46-47,49	I-10,11,48; II-10	I-46-47,62,64
Hawaiian (see Native Hawaiian and Other Pacific Islander)							
Hay	I-58	I-32,33; II-27	-	I-59,60	I-61,63,65	-	I-46,62,64
Hay balers	I-58	-	-	I-44,59,60	I-61,63,65	I-44	I-62,64
Haylage, grass silage, and greenchop hay	-	I-32,33; II-27	-	-	-	-	I-1
Hazelnuts (Filberts)	-	I-35; II-32	-	-	-	-	-
Head lettuce	-	I-34; II-30	-	-	-	-	-
Heifers	I-58	-	I-12,14-17	I-59,60	I-61,63,65	-	I-62,64
Herbs	-	I-34,37; II-28,30,35	-	-	-	-	-
Hired farm labor	I-58	-	-	I-1,4,40,59,60; II-3,7	I-61,63,65	I-11	I-62,64
Hired managers	I-58	-	-	I-59,60	I-50, 52, 54-55, 61, 63,65	-	I-62,64
Hispanic (see Spanish, Hispanic or Latino origin)							
Hogs and pigs	I-58	-	I-1,19-26; II-1,12	I-2,40,59,60; II-2	I-61,63,65	I-11,41; II-40	I-62, 64
Honey collected	-	-	I-31; II-21	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Honeydew melons	-	I-34; II-30	-	-	-	-	-
Hops	-	I-33; II-28	-	-	-	-	-
Horseradish	-	I-34; II-30	-	-	-	-	-
Horses and ponies	I-58	-	I-31; II-15	I-59,60; II-2	I-61,63,65	-	I-62,64
Horses, ponies, mules, burros, and donkeys, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Household income, percent from farming	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-62,64
Households sharing in farm income	I-58	-	-	I-59,60	I-50, 52, 54-55, 61, 63,65	-	I-62,64
I							
Income from farm-related sources	I-58	-	-	I-1,7,59,60; II-1,6	I-61,63,65	I-11	I-47,62,64
Insects, chemical control	I-58	-	-	I-59,60	I-61,63,65	I-45;II-42	I-62,64
Institutional farms	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-1,47,62,64
Insurance payments	I-8,58; II-8	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Interest expenses	I-58	-	-	I-1,4,40,59,60; II-3	I-41, 58, 61, 63, 65	I-11	I-1,62,64; II-46
Internet access	I-58	-	-	I-59,60; II-2	I-50, 52, 54, 55, 61, 63,65	-	I-1,62,64; II-46
Irrigated land	I-9,58	I-33; II-25	-	I-59,60	I-61,63,65	I-10,11; II-10	I-47,62,64; II-1
J							
Jojoba	-	II-28	-	-	-	-	-
K							
Kale	-	I-34; II-30	-	-	-	-	-
Kentucky bluegrass seed	-	II-27	-	-	-	-	-
Kiwifruit	-	I-35; II-32	-	-	-	-	-
Kumquats	-	I-35; II-32	-	-	-	-	-
L							
Labor expense, hired	I-58	-	-	I-1,4,59,60; II-3,7	I-61,63,65	I-11	I-1,62,64
Ladino clover seed	-	II-27	-	-	-	-	-
Land and buildings, estimated market value	I-58; II-8	-	-	I-42,59,60	I-61,63,65	I-11	I-1, 46-47, 62, 64
Land in farms, acres	I-1, 8, 9, 58; II-8	-	-	I-40,59,60	I-50,52,54,55, 61, 63,65; II-46, 48, 49, 50,51,52,53,54, 55,56	I-11,48	I-46 47, 62, 64; A-C
Land owned	I-58	-	-	I-59,60	I-61,63,65; II-46	I-11	I-62,64
Land rented or leased to others	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-62,64; II-46
Land use	I-1,8,58	-	-	I-59,60	I-61,63,65	I-11	I-1, 46, 47, 62, 64
Land used for vegetables	I-58; II-29	I-33; II-29	-	I-59,60	I-61,63,65	-	I-1,62,64
Land used to raise certified organic crops	I-58	I-48; II-43	-	I-59,60	I-61,63,65	-	I-62,64
Landlord's share of production expenses	I-58	-	-	I-4,59,60	I-61,63,65	-	I-62,64
Landlord's share of sales	I-58	-	-	I-2,59,60	I-61,63,65	-	I-62,64
Latino (see Spanish, Hispanic or Latino origin)							
Layers	I-58	-	I-27; II-13	I-59,60	I-61,63,65	-	I-1,62,64; II-1
Leaf lettuce	-	I-34; II-30	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
Lemons	-	I-35; II-32	-	-	-	-	-
Lentils	-	I-33; II-26	-	-	-	-	-
Lespedeza seed	-	II-27	-	-	-	-	-
Lettuce, all	-	I-34; II-30	-	-	-	-	-
Lima beans- Green	-	I-34; II-30	-	-	-	-	-
Dry	-	II-26	-	-	-	-	-
Limes	-	I-35; II-32	-	-	-	-	-
Livestock and poultry purchased, expense	I-58	-	-	I-1,4,11,40,59,60; II-3	I-61,63,65	I-11	I-1,62,64;
Livestock inventory	I-58	-	-	I-59,60	I-61,63,65	I-11	I-1, 62,64
Livestock, poultry, and their products, value	-	-	-	I-2; II-2	I-50,52,54-55	I-11	I-1,47; II-1
Llamas	-	-	I-31; II-24	-	-	-	-
Loan deficiency payments	-	-	-	I-6	-	-	-
Loganberries	-	I-36; II-34	-	-	-	-	-
Losses, net income	I-58	-	-	I-5,59,60; II-4	I-61,63,65	-	I-62,64
M							
Macadamia nuts	-	I-35; II-32	-	-	-	-	-
Machinery and equipment-							
Estimated market value	I-58	-	-	I-1,43,59,60; II-41	I-61,63,65	I-11	I-46, 47, 62,64; II-1
Rent and lease expense	I-58	-	-	I-59,60; II-3,5	I-61,63,65	I-11	I-1,62,64
Mangoes	-	I-35; II-32	-	-	-	-	-
Manure applied	I-58	-	-	I-59,60	I-61,63,65	I-45; II-42	I-62,64
Maple syrup	-	I-38; II-38	-	-	-	-	-
Market value of agricultural products	I-58	-	-	I-1-3,40,59,60; II-1,2	I-50,54,55,61, 63,65	I-11,41	I-1,47, 62,64; II-1; A-C
Meat and other goats	-	-	I-31; II-20	-	-	-	-
Melons	-	I-35; II-30	-	-	-	-	-
Migrant workers	I-58	-	-	I-59,60; II-2,5	I-61,63,65; II-7	-	I-62,64
Milk and dairy products, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Milk cows	I-58	-	I-1,11,12,17; II-1,11	I-59,60	I-61,63,65	-	I-1,62,64
Milk goats	-	-	I-31; II-18	-	-	-	-
Mink and their pelts	-	-	I-31; II-22	-	-	-	-
Mint for oil	-	I-33,34; II-28	-	-	-	-	-
Miscellaneous poultry	-	-	I-27; II-14	-	-	-	I-46
Mohair	-	-	I-31; II-19	-	-	-	-
Mollusks	-	-	II-23	-	-	-	-
More than one race, operators	I-58	-	-	I-59,60	I-53,54,56, 61, 63, 65; II-56	-	I-62,64; A, B
Mules, burros, and donkeys	-	-	I-31; II-24	-	-	-	-
Mushroom spawn	-	I-37; II-35	-	-	-	-	-
Mushrooms	-	I-34,37; II-30,35	-	-	-	-	-
Mustard greens	-	I-34; II-30	-	-	-	-	-
Mustard seed	-	II-26	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
N							
Native Hawaiian and Other Pacific Islander operators	I-58	-	-	I-59,60	I-53,54, 55, 56,57,61, 63, 65; II-54	-	I-62,64; A,B
Nectarines	-	I-35; II-32	-	-	-	-	-
Nematodes, chemical control	I-58	-	-	I-59,60	I-61,63,65	II-42	-
Net cash farm income of the operations and operators	I-58	-	-	I-5,59,60; II-4	I-61,63,65	-	I-62,64; II-1
Net gain	I-58	-	-	I-5,59,60; II-4,5	I-61,63,65	-	I-62,64; B
Net loss	I-58	-	-	I-5,59,60; II-4,5	I-61,63,65	-	I-62,64; B
Noncitrus fruit, all	-	I-35; II-32	-	-	-	-	I-46
Nonirrigated farms	-	-	-	-	-	I-11	-
Nonresponse adjustment	-	-	-	-	-	-	A - C
North American Industry Classification System (NAICS) - All other animal production (11299)	-	-	-	-	-	-	I-46
All other crop farming (11199)	-	-	-	-	-	-	I-46
Animal aquaculture (1125)	-	-	-	-	-	-	I-46
Animal aquaculture and other animal production (1125,1129)	I-58	-	-	I-59,60	I- 50, 52, 54, 55, 61, 63, 65	-	I-46, 47, 62, 64; II - 45
Animal production (112)	-	I-39	-	-	-	-	I-46
Apiculture (11291)	-	-	-	-	-	-	I-46
Apple orchards (111331)	-	-	-	-	-	-	I-46
Beef cattle ranching and farming including feedlots (11211)	-	-	-	-	-	-	I-46
Beef cattle ranching and farming (112111)	I-58	-	-	I-59,60	I- 50, 52, 54, 55, 61, 63, 65	-	I-46, 47, 62, 64; II - 45
Berry (except strawberry) farming (111334)	-	-	-	-	-	-	I-46
Broilers and other meat-type chicken production (11232)	-	-	-	-	-	-	I-46
Cattle feedlots (112112)	I-58	-	-	I-59,60	I- 50, 52, 54, 55, 61, 63, 65	-	I-46, 47, 62, 64; II - 45
Cattle ranching and farming (1121)	-	-	-	-	-	-	I-46
Chicken egg production (11231)	-	-	-	-	-	-	I-46
Citrus (except orange) groves (11132)	-	-	-	-	-	-	I-46
Corn farming (11115)	-	-	-	-	-	-	I-46
Cotton farming (11192)	I-58	-	-	I-59,60	I- 50, 52, 54, 55, 61, 63, 65	-	I-46, 47, 62, 64; II - 45
Crop farming, all other (11199)	I-58	-	-	I-59,60	I-50,52,54,55	I-61,63,65	I-46,62,64; II-45
Crop production (111)	-	I-39; II-39	-	-	-	-	I-46
Dairy cattle and milk production (11212)	I-58	-	-	I-59, 60	I-50, 52, 54, 55, 61,63,65	-	I-46,62,64; II-45
Dry pea and bean farming (11113)	-	-	-	-	-	-	I-46
Floriculture production (111422)	-	-	-	-	-	-	I-46
Food crops grown under cover (11141)	-	-	-	-	-	-	I-46
Fruit and nut combination farming (111336)	-	-	-	-	-	-	I-46; II-45
Fruit and tree nut farming (1113)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Fur-bearing animal and rabbit production (11293)	-	-	-	-	-	-	I-46
Goat farming (11242)	-	-	-	-	-	-	I-46

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Grape vineyards (111332)	-	-	-	-	-	-	I-46
Greenhouse, nursery, and floriculture production (1114)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Hay farming (11194)	-	-	-	-	-	-	I-46
Hog and pig farming (1122)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Horse and other equine production (11292)	-	-	-	-	-	-	I-46
Noncitrus fruit and tree nut farming (11133)	-	-	-	-	-	-	I-46
Nursery and floriculture production (11142)	-	-	-	-	-	-	I-46
Nursery and tree production (111421)	-	-	-	-	-	-	I-46
Oilseed and grain farming (1111)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Oilseed (except soybean) farming (11112)	-	-	-	-	-	-	I-46
Orange groves (11131)	-	-	-	-	-	-	I-46
Other animal production (1129)	-	-	-	-	-	-	I-45; II-45
Other crop farming (1119)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Other grain farming (11119)	-	-	-	-	-	-	I-46
Other noncitrus fruit farming (111339)	-	-	-	-	-	-	I-46
Other poultry production (11239)	-	-	-	-	-	-	I-46
Other vegetable (except potato) and melon farming (11219)	-	-	-	-	-	-	I-46
Potato farming (111211)	-	-	-	-	-	-	I-46
Poultry and egg production (1123)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Poultry hatcheries (11234)	-	-	-	-	-	-	I-46
Rice farming (11116)	-	-	-	-	-	-	I-46
Sheep and goat farming (1124)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Sheep farming (11241)	-	-	-	-	-	-	I-46
Soybean farming (11111)	-	-	-	-	-	-	I-46
Strawberry farming (111333)	-	-	-	-	-	-	I-46
Sugar cane farming, hay farming and all other crop farming (11193, 11194, 11195)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-47, 62, 64; II-45
Sugarcane farming (11193)	I-58	-	-	I-59,60	I-61,63,65	-	I-46,62,64
Tobacco farming (11191)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Tree nut farming (111335)	-	-	-	-	-	-	I-46
Turkey production (11233)	-	-	-	-	-	-	I-46
Vegetable and melon farming (11121)	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-46, 47, 62, 64; II-45
Wheat farming (11114)	-	-	-	-	-	-	I-46
Number of farms	I-1, 8, 9, 58; II-8,9	II -32, 36-37	I-12-31; II-11-24	I-40,44,59; II-2,41	I-50,52-55, 61, 63,65; II-46	I-10,11,41; II-10, 40	I-1,46-47, 62, 64; II-1,2; A-C
Number of households sharing farm income	I-58	-	-	I-59	I-50, 52,54-55, 61, 63, 65	-	I-62,64
Number of operators	I-58	-	-	I-59,60	I-49-57, 61, 63,65; II-46-56	-	I-62,64
Number of persons living in operator's household	I-58	-	-	I-59,60	I-49,51,53, 54, 56-57, 61, 63, 65	-	I-62,64
Nursery crops	-	I-37; II-35	-	II- 2	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Nursery, greenhouse, floriculture and sod, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Nursery stock	-	I-37; II-35	-	-	-	-	-
Nuts, all	-	I-35; II-32	-	-	-	-	-
O							
Occupation of operator	I-58	-	-	I-59,60	I-1,49, 51, 53, 56,57,61,63,65 II-1,46	I-48	I-62,64; A,B
Off-farm work by operator	I-58	-	-	I-59	I-61, 63, 65; II-46	-	I-1,62,64; II-1
Okra	-	I-34; II-30	-	-	-	-	-
Olives	-	I-35; II-32	-	-	-	-	-
Onions	-	I-34; II-30	-	-	-	-	-
Operator characteristics	I-58	-	-	I-59,60	I-49, 51, 53, 56,57,61,63,65 II-46	I-48	I-62,64; A
Operators -							
Age	I-58	-	-	I-59,60	I-1,49, 51, 53, 56-57, 61, 63, 65; II-46	I-48	I-62,64; A,B
All	-	-	-	-	I-49,52,54; II-46	-	A, B
American Indian or Alaska Native operators	I-58	-	-	I-59,60	I-51,53-57, 61,63,65; II-51	-	I-47,62,64; A, B, D
Asian	I-58	-	-	I-59,60	I-51,54-57, 61, 63, 65; II-52	-	I-47,62,64; A, B
Black or African American	I-58	-	-	I-59,60	I-51, 53-56, 61,63,65; II-53	-	I-47,62,64; A, B
Living on an American Indian reservation	I-58	-	-	I-59,60	I-61,63,65	-	I-62,64; D
Native Hawaiian or Other Pacific Islander	I-58	-	-	I-59,60	I-51,53-57, 61, 63, 65; II-54	-	I-62,64; A,B
On farm	I-58	-	-	I-59,60	I-61, 63, 65; II-46	-	I-62,64
Primary occupation	I-58	-	-	I-59,60	I-1,49, 51, 53, 56,57,61,63,65 II-1,46	I-48	I-62,64; A,B
Principal Operator	I-58	-	-	I-59,60	I-49-54, 56, 61, 63, 65; II-46,47, 49-57	I-48	I-62,64; A,B
Race	I-58	-	-	I-59,60	I-51, 53-57, 61, 63, 65; II -56	-	I-62,64
Spanish, Hispanic, or Latino	I-58	-	-	I-59,60	I-51,52-54 61, 63, 65; II-50	-	I-62,64; A,B
White	I-58	-	-	I-59,60	I-51,53-57, 61,63,65; II-55	-	I-62,64; A, B
Women	I-58	-	-	I-59,60	I-50-52, 54, 55, 61,63,65; II-46	-	I-62,64
Oranges	-	I-35; II-32	-	-	-	-	-
Orchardgrass seed	-	II-27	-	-	-	-	-
Orchards, land in	I-58; II-31	I-1,32,33; II-1,25	-	I-59,60	I-61,63,65	-	I-62,64
Organic agriculture	I-58	-	-	I-59,60	I-61,63,65	I-48; II-43	I-62,64
Ornamental fish	-	-	II-23	-	-	-	-
Ostriches	-	-	I-27; II-14	-	-	-	-
Other livestock and other animal products	I-58	-	I-12-17, 19, 21.22, 25-27,31; II-24	I-2,40,59,60; II-2	I-61,63,65	I-41	I-1,62,64

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
Other aquaculture products	-	-	II-23	-	-	-	-
Other berries	-	I-36; II-34	-	-	-	-	-
Other citrus	-	I-35; II-32	-	-	-	-	-
Other crops and hay	I-58	I-32-37; II-26-28, 30, 32, 34, 35	-	I-2,40,59,60; II-2	I-61,63,65	I-41	I-62,64
Other farm characteristics	-	-	-	-	I-50,52,54,55	-	-
Other farm production expenses	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Other farm-related income	I-58	-	-	I-7,59,60; II-6	I-61,63,65	I-11	I-62,64
Other federal farm program payments	-	-	-	I-6; II-5	I-50,52,54,55	-	-
Other food fish	-	-	II-23	-	-	-	-
Other livestock	-	-	I-31; II-24	-	-	-	-
Other livestock and poultry purchased	I-58	-	-	I-4,59,60; II-3	I-61,63,65	-	I-62,64
Other poultry	-	-	I-27; II-13-14	-	-	-	-
Other types of organizations	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65	-	I-1,62,64
Other vegetables	-	I-35; II-32	-	-	-	-	-
Owned land in farms	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46	I-11	I-62,64
P							
Pacific Islander (see Native Hawaiian and Other Pacific Islander)							
Papayas	-	I-35; II-32	-	-	-	-	-
Parsley	-	I-34; II-30	-	-	-	-	-
Part owners	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46,49	-	I-47,62,64; A,B
Partnerships	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46	-	I-1,62,64; A,B
Passion fruit	-	I-35; II-32	-	-	-	-	-
Pastureland	I-8,58; II-8	-	-	I-40,59,60	I-61,63,65	I-10,11,48; II-10,42,43	I-47,62,64
Patronage dividends and refunds from cooperatives	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Payroll	-	-	-	II-7	-	-	-
Peaches	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-62,64
Peanuts	I-58	I-1,32,33; II-1,25,26	-	I-59,60	I-61,63,65	-	I-62,64
Pears	-	I-35; II-32	-	-	-	-	-
Peas -							
Chinese	-	I-34; II-30	-	-	-	-	-
Dry edible	I-58	I-33; II-26	-	-	-	-	-
Dry southern (cowpeas)	-	II-26	-	-	-	-	-
Green (excluding southern)	I-58	I-34; II-30	-	I-59,60	I-61,63,65	-	I-62,64
Green southern (cowpeas)	-	I-34; II-30	-	-	-	-	-
Pecans	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-62,64
Peppers	-	I-34; II-30	-	-	-	-	-
Percent of income from farming	I-58	-	-	I-59,60	I-52, 54, 55, 61, 63,65	-	I-62,64
Permanent pasture and rangeland	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-47,62,64

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Persimmons	-	I-35; II-32	-	-	-	-	-
Pesticides, acres applied	I-58	-	-	I-59,60	-	II-42	I-62,64
Pheasants	-	-	I-27; II-14	-	-	-	-
Pigeons or squab	-	-	I-27; II-14	-	-	-	-
Pima cotton	-	I-32,33; II-1,26	-	-	-	-	-
Pineapples	-	I-1,33; II-1,25,28	-	-	-	-	-
Pistachios	-	I-35; II-32	-	-	-	-	-
Place of residence	I-58	-	-	I-59,60	I-49, 51, 53, 56,57,61,63,65 II-46	I-48	I-62,64
Plums and Prunes	-	I-35; II-32	-	-	-	-	-
Pluots	-	I-35; II-32	-	-	-	-	-
Pomegranates	-	I-35; II-32	-	-	-	-	-
Popcorn	-	I-33; II-26	-	-	-	-	-
Potatoes	I-58	I-1,34; II-1,30	-	I-2,40,59,60; II-2	I-61,63,65	I-41; II-40	I-62,64
Potted flowering plants	-	I-37; II-35	-	-	-	-	-
Poultry	I-58	-	I-27; II-13,14	I-2,40,59,60; II-2	I-61,63,65; II-46,50	I-41	I-62,64
Poultry hatched	-	-	II-14	-	-	-	-
Primary occupation (see Operator, primary occupation)							
Principal operator (see Operator)							
Production contracts	-	-	-	-	-	I-41; II-40	-
Property taxes paid, expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Proso millet	-	I-33; II-26	-	-	-	-	-
Prunes	-	I-35; II-32	-	-	-	-	-
Pullets for laying flock replacement	I-58	-	I-27; II-13	I-59,60	I-61,63,65	I-41; II-40	I-62,64
Pumpkins	-	I-34; II-30	-	-	-	-	-
Q							
Quail	-	-	I-27; II-14	-	-	-	-
R							
Rabbits and their pelts	-	-	I-31; II-24	-	-	-	-
Race of operator	I-58	-	-	I-59,60	I-51,53,54- 57,61,63,65; II-51-56	-	I-62,64; A,B
Radishes	-	I-34; II-30	-	-	-	-	-
Rapeseed	-	II-26	-	-	-	-	-
Raspberries	-	I-36; II-34	-	-	-	-	-
Recreational services income	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Red clover seed	-	II-27	-	-	-	-	-
Redtop seed	-	II-27	-	-	-	-	-
Reliability estimates	-	-	-	-	-	-	B
Rent and lease expenses for machinery, equipment, and farm share of vehicles	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Rent or share payments income	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
Rented or leased land	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61, 63,65; II-46	I-11	I-62,64
Rhubarb	-	I-34; II-30	-	-	-	-	-
Rice	I-58	I-1,32,33; II-1,25,26	-	I-2,59,60; II-2	I-61,63,65	-	I-46,62,64
Romaine lettuce	-	I-34; II-30	-	-	-	-	-
Rotational or management intensive grazing	-	-	-	-	II-44	-	-
Rye for grain	-	I-33; II-26	-	-	-	-	-
Ryegrass seed	-	I-33; II-27	-	-	-	-	-
S							
Safflower	-	I-33; II-26	-	-	-	-	-
Seed harvested	I-58	I-33,37; II-25-27,35	-	I-59,60	I-61,63,65	-	I-62,64
Seedlings	-	I-37; II-35	-	-	-	-	-
Seeds, plants, vines, and trees, expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Sesame	-	II-28	-	-	-	-	-
Sex of operator	I-58	-	-	I-59,60	I-49, 53, 56, 57, 61,63,65; II-46	I-48	I-62,64; A, B
Share payments (see Rent)							
Sheep and lambs	I-58	-	I-28-30; II-1,16	I-2,40,59,60; II-2	I-50, 52, 54, 61, 63, 65	I-11; II-44	I-62,64; II-1,46,47
Sheep, goats, and their products, sales value	I-58	-	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64
Short rotation woody crops	I-58	I-38; II-37	-	I-2,7,40,59; II-2,6	I-61,63,65	-	I-62,64
Silage	I-58	I-1,32,33; II-1,25,27	-	I-59,60	I-61,63,65	-	I-62,64
Small grain hay	-	I-32,33; II-27	-	-	-	-	-
Sod	-	I-37; II-35	-	I-2,40	-	-	-
Soil conditioners	I-58	-	-	I-1,4,40,59,60; II-2	I-61,63,65	I-11,45; II-42	I-62,64
Sorghum	I-58	I-1,32-33; II-1, 25, 26, 27, 28	-	I-2,59,60; II-2	I-61,63,65	-	I-62,64
Soybeans	I-58	I-1,32,33; II-1,25,26	-	I-2,59,60; II-2	I-61,63,65	-	I-62,64
Spanish, Hispanic or Latino origin, operators	I-58	-	-	I-59,60	I-51,52-53,55, 61, 63, 65; II-50	-	I-62,64; A,B
Spearmint for oil	-	II-28	-	-	-	-	-
Specified fruits and nuts, acres	-	I-35; II-32	-	-	-	-	-
Spinach	-	I-34; II-30	-	-	-	-	-
Sport or game fish	-	-	II-23	-	-	-	-
Spring wheat, other	-	I-1,32-33; II-1,26	-	-	-	-	-
Squab (see Pigeons)	-	-	I-27; II-14	-	-	-	-
Squash	-	I-34; II-30	-	-	-	-	-
State and local government program payments	I-58	-	-	I-7,59,60; II-6	I-61,63,65	-	I-62,64
Stockholders in farm corporation	I-58	-	-	I-59,60	I-61,63,65	-	I-62,64
Strawberries	-	I-36; II-34	-	-	-	-	-
Sudangrass seed	-	II-27	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo-graphics	Practices	Misc.
Sugarbeets	I-58	I-1,32,33; II-1,25,26	-	I-59,60	I-61,63,65	-	I-62,64
Sugarcane	I-58	I-1,32,33; II-1,25,26	-	I-59,60	I-50, 52, 54, 61, 63, 65	-	I-46, 47, 62, 64; II-1
Summer squash	-	I-34; II-30	-	-	-	-	-
Sunflower seed	I-58	I-1,33; II-1,25,26	-	I-59,60	I-61,63,65	-	I-62,64
Supplies, repairs and maintenance, expense	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Sweet corn	I-58	I-34; II-28,30	-	I-59,60	I-61,63,65	-	I-62,64
Sweet potatoes	I-58	I-1,34; II-30	-	I-2,40,59,60; II-2	I-61,63,65	-	I-62,64; II-1
Sweetclover seed	-	II-1,27	-	-	-	-	-
T							
Tame hay, other	I-58	I-32,33; II-27	-	I-59,60	I-61,63,65	-	I-62,64
Tangelos	-	I-35; II-32	-	-	-	-	-
Tangerines	-	I-35; II-32	-	-	-	-	-
Taps, maple syrup	-	I-38; II-38	-	-	-	-	-
Taro	-	II-28	-	-	-	-	-
Taxes, property	I-58	-	-	I-4,59,60; II-3	I-61,63,65	I-11	I-62,64
Temples	-	I-35; II-32	-	-	-	-	-
Tenants	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46,49	-	I-47,62,64; A,B
Tenure of operator	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46,49	-	I-47,62,64; A,B
Timothy seed	-	II-27	-	-	-	-	-
Tobacco	I-58	I-1,32,33; II-1,25,26	-	I-2,40,59,60; II-2	I-61,63,65	-	I-46, 47, 62, 64; II-1,45
Tobacco transplants	-	I-37; II-35	-	-	-	-	-
Tomatoes	I-58	I-34; II-30	-	I-59,60	I-61,63,65	-	I-62,64
Tomatoes, greenhouse	-	I-37; II-35	-	-	-	-	-
Total cropland	I-1,8,58; II-1,8	-	-	I-40,59,60	I-61,63,65	I-11	I-47,62,64
Total farm production expenses	I-58	-	-	I-4,40,59,60; II-3	I-61,63,65	I-11	I-1,47,62,64; II-1
Total sales	I-58	-	-	I-2,59,60; II-2	I-61,63,65	-	I-62,64
Total woodland	I-8,58; II-8	-	-	I-59,60	I-61,63,65	-	I-47,62,64
Tractors	I-58	-	-	I-44,59,60; II-41	I-61,63,65	-	I-62,64
Triticale	-	II-26	-	-	-	-	-
Trout	-	-	II-23	-	-	-	-
Trucks	I-58	-	-	I-44,59,60; II-41	I-61,63,65	-	I-44,62,64
Tubers	-	I-37	-	-	-	-	-
Turkeys	I-58	-	I-27; II-13	I-59,60	I-61,63,65	I-41; II-40	I-62,64
Turnip greens	-	I-34; II-30	-	-	-	-	-
Turnips	-	I-34; II-30	-	-	-	-	-
Type of organization	I-58	-	-	I-59,60	I-50, 52, 54, 55, 61,63,65; II-46	-	I-1,62,64;A,B
Typology of farm	I-58	-	-	I-59,60	I-61,63,65; II-46	-	I-62,64

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
U							
Upland cotton	-	I-1,32,33; II-1,26	-	-	-	-	-
Utilities, expense	I-58	-	-	I-4,40,59,60; II-3	I-61,63,65	I-11	I-62,64
V							
Valencia oranges	-	I-35; II-32	-	-	-	-	-
Value Added Commodities	-	-	-	-	-	II-44	-
Value of -							
Agricultural products sold	-	-	-	I-3; II-2	-	I-11	I-1; II-2
Commodities under production contract	-	-	-	-	-	I-41	-
Land and buildings	I-58; II-8	-	-	I-40,42,59,60	I-61,63,65	I-11	I-1, 46, 47, 62, 64; II-1
Landlord's share of total sales	I-58	-	-	I-2,40,59,60	I-61,63,65	-	I-62,64
Machinery and equipment	I-58	-	-	I-40,43,59,60; II-41	I-61,63,65	I-11	I-1, 46, 47, 62, 64; II-1
Organic product sales	I-58	-	-	I-40,59,60	I-61,63,65	I-48; II-43	I-62,64
Sales	I-58	I-37; II-35	I-13-18,20-22,31; II-23	I-1-3,40,59,60; II-1-2	I-50, 52, 54, 55, 61,63,65; II-47	I-11,41,48; II-43	I-1,46, 47, 62, 64; A-C
Veal calves	-	-	-	-	-	II-44	-
Vegetable seeds	-	I-37; II-35	-	-	-	-	-
Vegetable transplants	-	I-37; II-35	-	-	-	-	-
Vegetables	I-58	I-1,32-34,37; II-1,25, 29, 30, 35	-	I-2,40,59,60; II-2	I-61,63,65	I-41; II-40	I-62,64
Vetch seed	-	II-27	-	-	-	-	-
W							
Walnuts, English	I-58	I-35; II-32	-	I-59,60	I-61,63,65	-	I-62,64
Watercress	-	I-34; II-30	-	-	-	-	-
Watermelons	-	I-34; II-30	-	-	-	-	-
Weeds, grass, or brush, chemical control	I-58	-	-	I-59,60	I-61,63,65	I-45; II-42	I-62,64
Wetlands Reserve Program	I-8,58; II-8	-	-	I-6,59,60; II-5	I-50, 52, 54, 55, 61,63,65	I-11	I-62,64
Wheat -							
All	I-58	I-1,32,33; II-25,26	-	I-2,59,60; II-2	I-61,63,65	-	I-1,46,62,64; II-1
Durum	-	I-1,32,33,34; II-1,26	-	-	-	-	-
Other spring	-	I-1,32,33,34; II-1,26	-	-	-	-	-
Winter	-	I-1,32,33,34; II-1,26	-	-	-	-	-
Wheatgrass seed	-	II-27	-	-	-	-	-
White clover seed	-	II-27	-	-	-	-	-
White operators	I-58	-	-	I-59,60	I-51,53-57, 61,63,65; II-55	-	I-62,64; A, B
Wild hay	-	I-32-33; II-27	-	-	-	-	-
Wild rice	-	II-26	-	-	-	-	-
Winter squash	-	I-34; II-30	-	-	-	-	-

Item	Land	Crops	Livestock	Economics	Demo- graphics	Practices	Misc.
Women operators	I-58	-	-	-	I-49, 50, 51, 54, 57, 61, 63, 65; II-46-49	I-48	I-62, 64
Woodland crops	I-58	I-38; II-36- 38	-	I-59, 60	I-61, 63, 65	-	I-62, 64
Woodland, total	I-8, 58; II-8	-	-	I-59, 60	I-61, 63, 65	-	I-47, 62, 64
Wool production	-	-	I-28, 29, 30; II-16	-	-	-	-
Y							
Years on present farm	I-58	-	-	I-59, 60	I-49, 51, 53, 56, 57, 61, 63, 65; II-46	I-48	I-62, 64