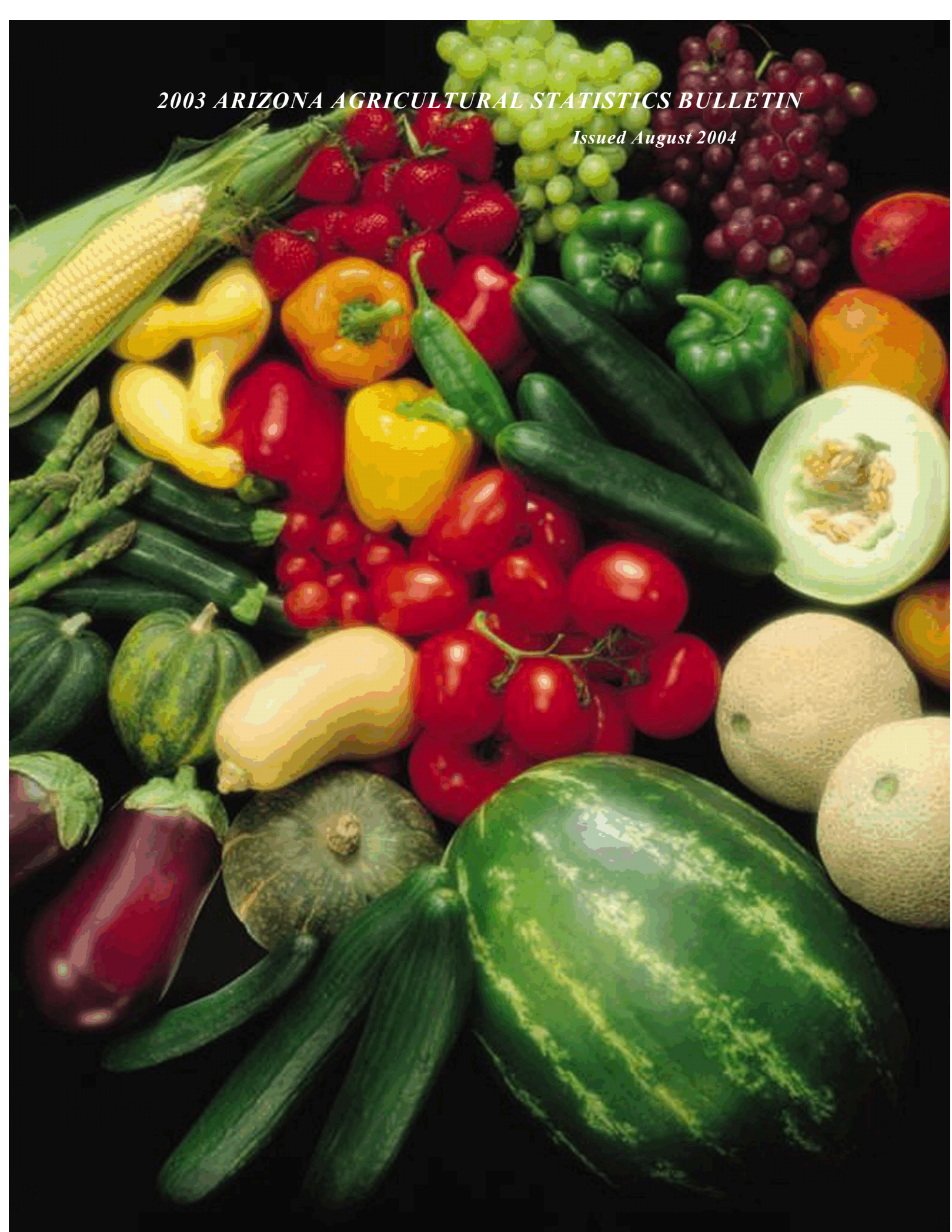
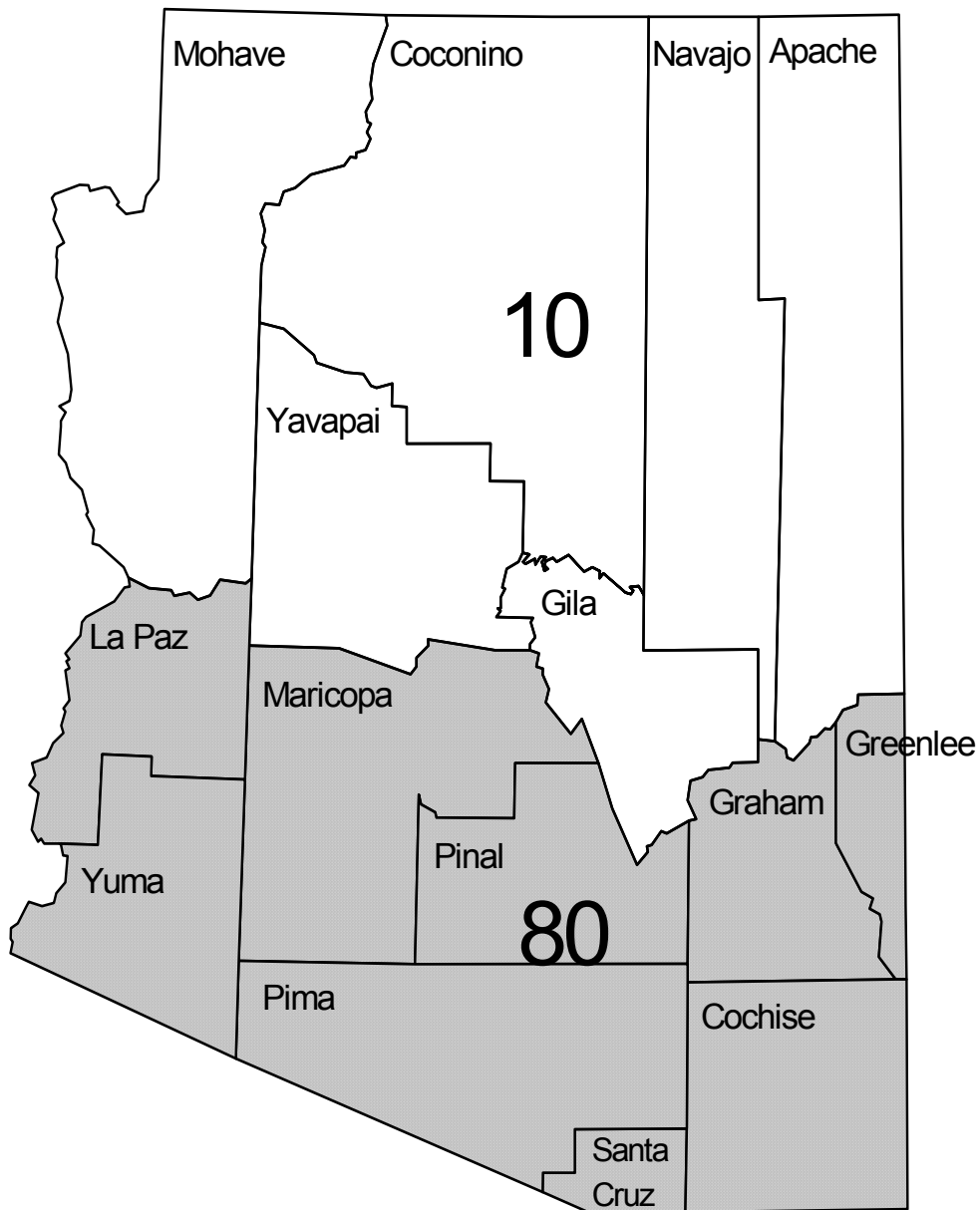


2003 ARIZONA AGRICULTURAL STATISTICS BULLETIN

Issued August 2004



Arizona Counties and Agricultural Statistics Districts



The cover photograph:

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2003 Agricultural Statistics Bulletin

Arizona farmers and ranchers continued to face unusual challenges in 2003. The drought in the western United States continued and water issues ranked high on the radar screen. Water availability is a challenge that Arizona agriculture faces even when supplies are more plentiful. In Arizona, the availability of water affects the amount of acreage planted as much as any other factor.

Through hard work, perseverance and innovation, Arizona farmers and ranchers have overcome considerable obstacles while managing to stay profitable and produce safe and abundant food and fiber for the world.

Everyone at the University of Arizona College of Agriculture and Life Sciences and the Arizona Department of Agriculture has worked hard to try and support Arizona farmers and ranchers as they dealt with the many challenges that crop and livestock production present.

The statistics included in the **2003 Arizona Agricultural Statistics Bulletin** will show the size and scope of one of Arizona's largest industries. In 2003, cash receipts for the livestock and cotton sectors increased compared to 2002 although total cash receipts for all commodities declined. Even in these challenging times, agriculture continues to make a major contribution to Arizona's economic vitality.

Crop and livestock producers need a source for accurate and relevant statistics to make important decisions. We hope all producers and others interested in agriculture will use this publication, and the other reports released by Arizona Agricultural Statistics to make well-informed decisions about their production and marketing. Our thanks to the thousands of Arizona crop and livestock producers, agribusiness firms, and others who have voluntarily provided information that makes this publication possible.

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Cash Receipts

Cash receipts are computed as marketing volume multiplied by the price and are usually reported on a **calendar-year** basis. Marketings come from current production or storage of past year's crop (assuming a crop is storable, such as potatoes). Thus, the quantity available for sale (marketings), can be thought of as coming from current production less shrinkage and the amount used on farms for food, feed, and seed plus change in stored quantity (inventory). On the other hand, value

of production, which is generally reported as a **crop-year** statistic, is computed as production multiplied by the average price. The difference between value of production and cash receipts is usually only important to those commodities which can be stored and thus have a specific marketing pattern which extends through time from the date of harvest.

Cash Receipts: All Commodities 1/

Commodity	1999	2000	2001	2002	2003 2/
----- 1,000 Dollars -----					
Cotton lint, all	165,714	84,764	109,103	125,970	157,651
Cottonseed	30,010	30,427	27,550	26,415	25,646
Hay	81,311	91,539	99,721	104,963	107,084
Wheat	19,791	21,080	23,029	28,819	36,209
Barley	10,957	7,937	8,716	9,376	10,148
Corn, grain	9,754	11,303	10,469	10,353	8,858
Sorghum, grain	528	690	1,243	1,093	1,338
Oil crops	2,003	1,755	431	618	1,108
Potatoes	27,014	26,500	34,069	28,006	15,902
Lettuce, Head & Other	225,359	237,210	318,266	683,774	186,516
Lettuce, Leaf	52,881	53,664	75,638	146,466	82,051
Lettuce, Romaine	46,523	70,272	94,944	190,483	87,130
Onions	18,639	7,975	8,800	5,762	7,418
Cauliflower	32,749	32,248	26,550	36,950	31,920
Broccoli	58,174	45,257	45,080	81,575	40,310
Carrots	9,500	5,249	9,002	8,798	13,385
Honeydews	14,112	15,293	13,002	11,693	14,333
Cantaloupes	63,302	72,199	70,562	61,272	87,172
Watermelons	15,919	18,044	26,755	21,912	31,482
Spinach	3/	15,759	13,392	21,920	17,238
Cabbage	3/	11,495	12,528	13,085	18,392
Peppers, chile	3/	6,848	4,872	2,759	3,076
Misc. vegetables	88,841	92,437	93,720	106,567	107,091
Grapefruit	4,605	1,063	1,339	1,175	859
Oranges	14,959	5,649	5,088	3,936	2,219
Lemons	33,963	39,018	33,523	36,268	31,198
Tangerines	16,719	7,469	8,677	9,199	5,934
Apples	4,054	6,971	350	4,506	550
Grapes	16,821	14,369	8,921	7,953	8,204
Pecans	27,132	18,995	9,660	16,480	23,400
Misc. fruits & nuts	8,834	6,637	8,334	12,727	7,855
All other crops	134,306	120,486	133,744	150,804	155,740
Crops	1,234,472	1,180,603	1,337,077	1,971,678	1,327,419
Cattle and calves	522,199	609,736	683,361	630,507	760,683
Hogs	18,252	36,874	14,453	23,332	31,584
Sheep and lambs	8,175	7,826	6,898	5,959	7,700
Dairy products	399,766	359,261	451,731	399,789	412,920
Honey	1,999	1,723	1,827	2,586	3,974
Wool/Mohair	607	464	366	353	407
Other livestock	41,321	37,811	35,122	30,628	41,335
Livestock and products	992,319	1,053,695	1,193,758	1,093,154	1,258,603
All commodities	2,226,791	2,234,298	2,530,835	3,064,832	2,586,022
Gov't Payments	107,899	107,065	99,254	68,926	134,664
Total Cash Receipts	2,334,690	2,341,363	2,630,089	3,133,758	2,720,686

1/ Includes miscellaneous field crops, seed crops, and greenhouse/nursery. Source: United States Department of Agriculture, Economic Research Service; Economic Indicators of the Farm Sector, State Financial Summary.

2/ Preliminary.

3/ Included in miscellaneous vegetables.

Cash Receipts: All Farm Commodities by County

County	-----2002-----			-----2003-----1/		
	Crops	Livestock	All	Crops	Livestock	All
	----- 1,000 Dollars -----					
Apache	294	10,843	11,137	198	12,484	12,682
Cochise	69,213	30,548	99,761	46,598	35,171	81,769
Coconino	967	13,989	14,957	651	16,107	16,758
Gila	333	3,237	3,570	224	3,727	3,952
Graham	96,749	5,399	102,148	65,136	6,216	71,352
Greenlee	1,126	4,341	5,467	758	4,997	5,756
La Paz	106,787	850	107,637	71,894	979	72,873
Maricopa	484,854	473,352	958,206	326,425	544,994	871,419
Mohave	13,370	7,539	20,909	9,001	8,680	17,681
Navajo	815	35,348	36,163	548	40,698	41,247
Pima	69,954	16,981	86,934	47,096	19,551	66,646
Pinal	220,709	334,336	555,045	148,591	384,938	533,529
Santa Cruz	329	7,532	7,861	222	8,672	8,894
Yavapai	3,710	46,510	50,221	2,498	53,550	56,048
Yuma	902,466	102,349	1,004,814	607,580	117,839	725,419
Arizona 2/	1,971,678	1,093,154	3,064,832	1,327,419	1,258,603	2,586,022

1/ Preliminary.

2/ Total may not add due to rounding.

Farm Income Indicators

Item 1/	1998	1999	2000	2001	2002	2003
	----- 1,000 Dollars -----					
Value of crop production	1,405,085	1,240,977	1,275,260	1,353,816	1,963,885	1,315,146
Food grains	42,650	19,791	21,080	23,029	28,819	36,209
Feed crops	104,267	102,549	111,469	120,149	125,785	127,429
Cotton	291,154	195,723	115,192	136,654	152,385	183,297
Oil crops	3,206	2,003	1,755	431	618	1,108
Fruits and tree nuts	104,451	127,087	100,171	75,892	92,244	80,220
Vegetables	791,982	653,013	710,450	847,180	1,421,022	743,416
All other crops	134,106	134,306	120,486	133,744	150,804	155,740
Home consumption	1,145	1,213	1,282	771	962	898
Value of inventory adjustment 2/	(67,875)	5,292	93,376	15,966	(8,754)	(13,171)
Value of livestock production	914,795	1,015,328	1,057,125	1,204,542	1,079,476	1,266,701
Meat animals	483,065	548,626	654,436	704,712	659,798	799,967
Dairy products	389,528	399,766	359,261	451,731	399,789	412,920
Poultry and eggs	4,335	9,477	11,193	13,537	14,127	25,023
Miscellaneous livestock	44,780	34,450	28,805	23,778	19,440	20,693
Home consumption	1,697	1,447	1,196	977	1,219	1,139
Value of inventory adjustment 2/	(8,610)	21,562	2,234	9,807	(14,897)	6,959
Revenues from services and forestry	282,478	309,404	291,798	330,422	457,143	447,151
Machine hire and custom work	31,017	20,889	21,555	30,269	35,168	31,297
Forest products sold	8,225	5,459	5,908	4,352	4,352	2,990
Other farm income	99,790	137,469	93,915	107,460	230,371	227,864
Gross imputed rental value of farm dwellings	143,446	145,587	170,420	188,341	187,252	185,000
Value of agricultural sector production	2,602,359	2,565,709	2,624,183	2,888,780	3,500,504	3,028,998
Less: Purchased inputs	1,244,020	1,272,437	1,439,880	1,413,359	1,540,650	1,497,868
Farm origin	413,607	462,049	550,598	547,803	616,825	612,893
Feed purchased	201,880	189,016	205,805	194,854	284,948	256,902
Livestock and poultry purchased	161,307	216,971	288,866	297,917	252,220	283,849
Seed purchased	50,420	56,062	55,927	55,032	79,657	72,142
Manufactured inputs	244,566	239,815	264,275	266,107	278,896	276,112
Fertilizers and lime	79,784	76,543	74,414	80,231	85,865	87,142
Pesticides	79,857	75,513	78,443	74,985	80,677	78,843
Petroleum fuel and oils	51,894	54,145	78,871	74,659	69,871	71,212
Electricity	33,031	33,614	32,547	36,232	42,483	38,915
Other purchased inputs	585,847	570,573	625,007	599,449	644,929	608,863
Repair and maintenance of capital items	88,549	92,576	102,185	93,794	98,211	100,080
Machine hire and custom work	97,143	97,914	105,496	105,989	89,697	83,982
Marketing, storage, and transportation expenses	78,860	69,100	75,522	64,751	81,795	62,109
Contract labor	49,891	53,590	73,100	62,215	69,378	69,331
Miscellaneous expenses	271,404	257,393	268,704	272,700	305,848	293,361
Plus: Net government transactions	33,646	64,096	61,745	55,350	23,399	90,917
+ Direct Government payments	78,784	107,899	107,066	99,254	68,926	134,663
- Motor vehicle registration and licensing fees	3,153	2,526	3,264	2,958	2,403	2,497
- Property taxes	41,985	41,277	42,057	40,946	43,124	41,249
Gross value added	1,391,985	1,357,367	1,246,049	1,530,770	1,983,252	1,622,047
Less: Capital consumption	141,480	145,605	152,897	159,126	162,598	163,065
Net value added	1,250,505	1,211,762	1,093,152	1,371,644	1,820,654	1,458,982
Less: Payments to stakeholders	339,267	352,204	373,651	354,921	386,060	380,796
Employee compensation (total hired labor)	303,814	311,050	338,504	339,421	370,809	353,195
Net rent received by non-operator landlords	(64,007)	(61,657)	(75,791)	(84,735)	(87,942)	(76,520)
Real estate and non-real estate interest	99,460	102,811	110,938	100,235	103,193	104,121
Net farm income	911,238	859,558	719,501	1,016,723	1,434,594	1,078,186

1/ Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

2/ A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales. Source: United States Department of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector, State Financial Summary.

Government Payments 1/

Type of Program	2000	2001	2002	2003 2/
	----- 1,000 Dollars -----			
Production Flexibility Contracts 3/	37,361	32,822	24,197	(1,771)
Loan Deficiency Payments	15,566	12,370	15,564	2,130
Fixed Direct Payments 4/	0	0	5,080	44,813
Counter-Cyclical Payments 5/	0	0	10,537	65,466
Marketing Loan Gains	540	3,470	217	209
Milk Income Loss Payments 5/	0	0	2,519	4,926
Conservation 6/	2,758	2,911	3,457	5,894
Peanut Quota Buyout Payments 5/	0	0	666	0
Ad-Hoc and Emergency Programs 7/	50,507	47,574	6,676	13,078
Miscellaneous 8/	333	107	13	(81)
Total	107,065	99,254	68,926	134,664

1/ Amounts include only cash payments made directly to farmers.

2/ Preliminary.

3/ Production Flexibility Contracts were authorized in the Federal Agricultural Improvement and Reform Act of 1996 for 1996 through 2002 crops. They are also known as AMTA payments.

4/ Fixed Direct Payments were authorized in the Farm Security and Rural Investment Act of 2002 for 2002 through 2007 crops.

5/ Programs authorized by the Farm Security and Rural Investment Act of 2002.

6/ Includes amount paid under agriculture and conservation programs (Conservation Reserve, Agricultural Conservation, Emergency Conservation, and Great Plains Program, EQUIP, Wetlands Reserve program, etc.).

7/ Includes all programs providing disaster and emergency assistance payments to growers.

8/ Includes numerous sources of governmental payments for a wide array of programs and assistance. Detailed information can be found at www.fsa.usda.gov.

Agricultural Exports: Equivalent Share of Value by Commodity Group 1/

Commodity Group	1997/98	1998/99	1999/00	2000/01	2001/02
	----- Million Dollars -----				
Wheat and products	29.2	39.4	29.0	30.4	21.3
Cotton, including linters	119.6	60.1	76.7	93.6	70.5
Cottonseed and products	4.6	3.3	3.9	4.0	3.4
Fruits and preparations	30.7	44.7	35.8	32.0	27.9
Vegetables and preparations	61.3	67.4	80.9	75.5	82.3
Live animals and meat (excludes poultry)	44.2	45.6	60.0	60.3	61.8
Feed Grains and Products	7.6	5.2	7.0	6.9	6.2
Hides and skins	14.7	12.0	17.0	25.7	26.0
Fats, oils, and greases	7.3	6.2	4.9	4.2	6.8
Dairy products	14.8	13.0	12.5	7.4	0.0
Feeds and fodders	8.7	8.1	9.9	12.5	11.2
Other 2/	120.1	124.7	118.4	107.9	99.6
Arizona	462.8	429.7	456.0	460.4	417.0
United States	53,652.9	49,043.3	50,743.8	52,698.5	53,293.6

1/ Fiscal years October 1-September 30.

2/ Confectionery, nursery and greenhouse, seeds, tree nuts, essential oils, beverages, and other miscellaneous animal and vegetable products.

Source: United States Department of Agriculture, Economic Research Service; Foreign Agriculture Trade of the United States.

Farm Business Balance Sheet

Item	1997	1998	1999	2000	2001	2002
----- Numbers -----						
Farms 1/	7,900	11,000	10,900	10,700	10,400	10,300
----- 1,000 Dollars -----						
Farm assets	27,618,405	29,188,686	31,276,925	35,822,838	39,710,599	41,723,192
Real estate	26,231,873	27,830,582	29,798,822	34,344,405	38,241,159	40,253,852
Livestock and poultry 2/	569,360	536,380	605,260	635,283	670,703	649,133
Machinery and motor vehicles 3/	396,148	395,925	391,039	385,653	389,507	393,453
Crops 4/	87,898	94,951	144,196	66,956	1,196	(9,510)
Purchased inputs	43,441	44,647	35,687	43,399	37,342	49,926
Financial	289,685	286,201	301,922	347,142	370,692	386,337
Farm debt 5/	1,286,420	1,339,144	1,386,850	1,447,598	1,506,903	1,550,173
Real estate	478,655	500,343	542,898	538,766	564,477	602,947
Farm Credit System	129,289	142,419	172,135	178,990	198,055	227,958
Farm Service Agency	29,518	26,262	25,027	23,685	22,998	21,852
Commercial banks	48,890	53,055	58,079	62,665	65,456	69,621
Life insurance companies	126,479	134,392	143,722	130,955	132,757	135,311
Individuals and others	144,480	144,216	143,936	142,471	145,211	148,204
CCC storage & drying loans	0	0	0	0	0	0
Non-real estate	807,766	838,801	843,952	908,832	942,426	947,227
Farm Credit System	140,283	156,363	161,713	175,941	202,743	208,075
Farm Service Agency	41,834	36,189	36,099	34,828	33,623	32,181
Commercial banks	403,352	414,542	406,322	440,736	442,415	435,718
Individuals and others	222,297	231,707	239,817	257,327	263,646	271,253
Equity	26,331,984	27,849,542	29,890,076	34,375,241	38,203,696	40,173,018
----- Percent -----						
Ratio:						
Debt/equity	4.9	4.8	4.6	4.2	3.9	3.9
Debt/assets	4.7	4.6	4.4	4.0	3.7	3.7

1/ For 1998-2002, includes some accounting for individual farms on reservation land.

2/ Excludes horses, mules, and broilers.

3/ Includes only farm share value for trucks and autos.

4/ All non-CCC crops held on farms plus the value above loan rate for crops held under CCC.

5/ Excludes debt for non-farm purposes.

Source: United States Department of Agriculture, Economic Research Service, Economic Indicators of the Farm Sector, State Financial Summary.

Farm Numbers and Land in Farms

Year	Number of Farms in Operation	Land in Farms 1/ (000) Acres	Average Farm Size 1/ Acres	Year	Number of Farms in Operation	Land in Farms (000) Acres	Average Farm Size Acres
1910	9,200			1957	9,100	45,000	4,945
1911	9,300			1958	8,800	45,000	5,114
1912	9,400			1959	8,500	44,800	5,271
1913	9,500			1960	8,200	44,600	5,439
1914	9,500			1961	7,900	44,400	5,620
1915	9,600			1962	7,600	44,200	5,816
1916	9,600			1963	7,300	44,000	6,027
1917	9,700			1964	7,000	43,800	6,257
1918	9,800			1965	6,800	43,700	6,426
1919	9,800			1966	6,700	43,100	6,433
1920	10,000			1967	6,600	42,500	6,439
1921	10,000			1968	6,500	41,900	6,446
1922	10,200			1969	6,400	41,300	6,453
1923	10,500			1970	6,300	41,300	6,556
1924	10,600			1971	6,200	41,200	6,645
1925	10,800			1972	6,200	41,200	6,645
1926	11,500			1973	6,300	41,100	6,524
1927	12,200			1974	6,500	41,100	6,323
1928	13,000			1975	6,300	40,000	6,349
1929	13,600			1976	6,400	39,800	6,219
1930	14,200			1977	6,600	39,200	5,939
1931	14,200			1978	6,700	39,100	5,836
1932	14,200			1979	7,100	38,500	5,423
1933	14,300			1980	7,500	38,100	5,080
1934	14,300			1981	7,800	37,800	4,846
1935	14,300			1982	8,000	37,500	4,688
1936	14,200			1983	8,200	37,500	4,573
1937	14,100			1984	8,300	37,500	4,518
1938	14,000			1985	8,500	37,500	4,412
1939	13,800			1986	8,600	37,200	4,326
1940	13,700			1987	8,400	37,000	4,405
1941	13,600			1988	8,100	36,500	4,506
1942	13,500			1989	8,000	36,000	4,500
1943	13,500			1990	7,800	36,200	4,641
1944	13,500			1991	7,600	35,800	4,711
1945	13,500			1992	7,500	35,600	4,747
1946	13,200			1993	7,800	28,300	3,628
1947	12,900			1994	7,800	28,300	3,628
1948	12,500			1995	7,800	28,300	3,628
1949	12,000			1996	7,900	28,300	3,582
1950	11,400	42,500	3,728	1997	7,900	28,300	3,582
1951	11,000	42,800	3,891	1998 2/	11,000	27,200	2,473
1952	10,700	43,200	4,037	1999 2/	10,900	27,000	2,477
1953	10,300	43,600	4,233	2000 2/	10,700	26,900	2,514
1954	10,000	44,200	4,420	2001 2/	10,400	26,700	2,567
1955	9,700	44,600	4,598	2002 2/	10,300	26,600	2,583
1956	9,400	45,000	4,787	2003 2/	10,300	26,500	2,573

1/ Not available before 1950.

2/ Includes some accounting of individual farms on reservation land.

Census Farm Numbers and Land in Farms by County

County	Number of Farms in Operation				Land in Farms			
	1987	1992	1997	2002	1987	1992	1997	2002
	----- Number -----				----- Acres -----			
Apache	380	332	370	363	5,779,528	5,785,707	1/	1/
Cochise	836	831	1,105	950	2,077,793	1,891,644	1,331,741	969,253
Coconino	294	285	286	213	5,905,699	5,989,961	6,220,245	1/
Gila	157	143	226	164	1,189,175	1,151,284	1/	1/
Graham	323	317	357	277	1,852,684	1,846,497	1,264,911	1/
Greenlee	102	107	135	124	139,840	137,834	33,360	27,376
La Paz	109	101	122	101	226,954	246,038	296,573	1/
Maricopa	2,334	1,856	2,444	2,110	1,391,456	729,947	742,287	627,254
Mohave	236	212	295	239	1,906,756	1,981,938	1,023,964	792,992
Navajo	376	375	402	291	7,687,460	7,229,585	3,915,165	4,595,062
Pima	520	448	647	517	3,194,736	3,472,248	2,927,899	1/
Pinal	730	611	659	687	1,958,489	1,902,452	1,321,911	1,161,563
Santa Cruz	179	164	225	152	346,266	334,284	285,550	132,843
Yavapai	484	463	654	575	2,358,559	2,108,834	797,574	720,362
Yuma	609	528	580	531	272,399	229,365	252,691	231,125

1/ Not reported to avoid disclosing individual operations.

Livestock Summary: Inventory and Value 1/ 2/

	Inventory	Value	Inventory	Value	Inventory	Value	Inventory	Value
	-----1998-----		-----1999-----		-----2000-----		-----2001-----	
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Head	Dollars	Head	Dollars	Head	Dollars	Head	Dollars
Cattle and calves 3/	820	541,200	810	518,400	840	579,600	860	621,600
Beef cows that have calved	220		218		200		195	
Milk cows that have calved	130		132		135		140	
Beef cow replacement heifers	38		40		39		36	
Milk cow replacement heifers	26		23		26		31	
Other heifers 500+ Pounds	26		34		23		15	
Steers 500 Pounds and over	250		210		210		250	
Bulls 500 Pounds and over	20		22		22		23	
Calves under 500 Pounds	110		131		185		170	
Cattle on feed 4/	245		206		272		301	
Hogs 5/	145	12,760	115	5,520	140	10,780	9	747
Breeding hogs	15		17		19		2	
Market hogs	130		98		121		7	
Under 60 Pounds	42		42		47		4	
60-119 Pounds	33		21		25		1	
120-179 Pounds	28		17		24		1	
180 Pounds and over	27		18		25		1	
Sheep and Lambs 3/	140	15,400	140	12,460	140	14,880	120	12,936
Breeding sheep and lambs	73		68		70		62	
Ewes one year old and older	63		58		60		53	
Rams one year old and older	2		3		4		3	
Replacement lambs	8		7		6		6	
Market sheep and lambs	67		72		70		58	
Market lambs	66		71		69		55	
Under 65 Pounds	16		14		10		10	
65-84 Pounds	11		15		17		14	
85-104 Pounds	36		13		20		17	
105 Pounds and over	3		29		22		14	
Market sheep	1		1		1		3	
Goats 3/								
Angora goats	40	1,200	38	1,520	36	1,548	34	2,040

See footnotes at end of table

---Continued on next page

Livestock Summary: Inventory and Value 1/ 2/

---Continued

	Inventory	Value	Inventory	Value	Inventory	Value
	-----2002-----		-----2003-----		-----2004-----	
	1,000	1,000	1,000	1,000	1,000	1,000
	Head	Dollars	Head	Dollars	Head	Dollars
Cattle and calves 3/	860	646,800	840	638,400	850	697,000
Beef cows that have calved	185		170		175	
Milk cows that have calved	140		155		155	
Beef cow replacement heifers	36		34		33	
Milk cow replacement heifers	33		35		37	
Other heifers 500+ Pounds and over	17		20		20	
Steers 500 Pounds and over	270		255		255	
Bulls 500 Pounds and over	22		21		22	
Calves under 500 Pounds	157		150		153	
Cattle on feed 4/	305		289		293	
Hogs 5/	133	11,039	138	10,626	127	9,144
Breeding hogs	14		14		16	
Market hogs	119		124		111	
Under 60 Pounds	38		43		32	
60-119 Pounds	27		29		27	
120-179 Pounds	26		26		26	
180 Pounds and over	28		26		26	
Sheep and Lambs 3/	115	12,864	115	13,225	114	13,794
Breeding sheep and lambs	57		57		57	
Ewes one year old and older	49		49		48	
Rams one year old and older	3		3		3	
Replacement lambs	5		5		6	
Market sheep and lambs	58		58		57	
Market lambs	56		56		55	
Under 65 Pounds	11		11		11	
65-84 Pounds	15		16		15	
85-104 Pounds	17		17		16	
105 Pounds and over	13		12		13	
Market sheep	2		2		2	
Goats 3/						
Angora goats	32	1,760	30	1,800	30	1,950

1/ Totals may not add due to rounding.

2/ Value published only for the total inventory number.

3/ Estimates are based on January 1 of the current year.

4/ Total cattle on feed included in other classes.

5/ Estimates are based on December 1 of the previous year.

Livestock: Record Highs and Lows

	Date Series Began	Record	Unit	Quantity	Year 1/
Cattle					
Inventory January 1	1920	High	1,000 Head	1,620	1920
		Low		735	1929
Calves born	1924	High	1,000 Head	484	1924
		Low		265	1979
Beef cows January 1	1920	High	1,000 Head	819	1920
		Low		170	2003
Milk cows January 1	1870	High	1,000 Head	155	2004
		Low		1	1870
Cattle on feed January 1	1930	High	1,000 Head	655	1973
		Low		23	1930
Hogs					
Inventory December 1	1870	High	1,000 Head	175	1985
		Low		1	1871
Sheep					
Inventory January 1	1867	High	1,000 Head	1,420	1917
		Low		12	1867
Lamb crop	1924	High	1,000 Head	645	1926
		Low		34	2003
Wool production	1909	High	1,000 Pounds	8,000	1917
		Low		490	2002
Weight per fleece	1909	High	Pounds	7.6	1950
		Low		5.8	2002
Mohair	1909 2/	High	1,000 Pounds	960	1931
		Low		88	1950
Milk					
Milk production	1924	High	Million Pounds	3,454	2003
		Low		157	1925
Milk production	1924	High	Pounds per cow	23,333	2002
		Low		4,750	1925

1/ The latest year a record was achieved. Some records were equaled in earlier years.

2/ Estimates were discontinued in 1971 and resumed in 1988.

Cattle and Calves

Arizona's inventory of cattle and calves on January 1, 2004 was estimated at 850,000 head, up 10,000 head from the previous year. The 2003 calf crop of 270,000 was unchanged from 2002. The value of cattle and calves on January 1 was \$697 million, up 9 percent.

Monthly beef cattle prices varied by \$14.70 per hundredweight during 2003, from a low of \$77.10 in January to a high of \$91.80 in November. The marketing year average price for beef cattle increased \$14.20 per hundredweight from a year ago to \$83.30. The annual average steer and heifer price increased \$14.10 to \$83.50 per hundredweight and the annual average calf price increased \$1.20 to \$99.50 per hundredweight. The annual average price for cows increased \$7.30 per hundredweight to \$42.50.

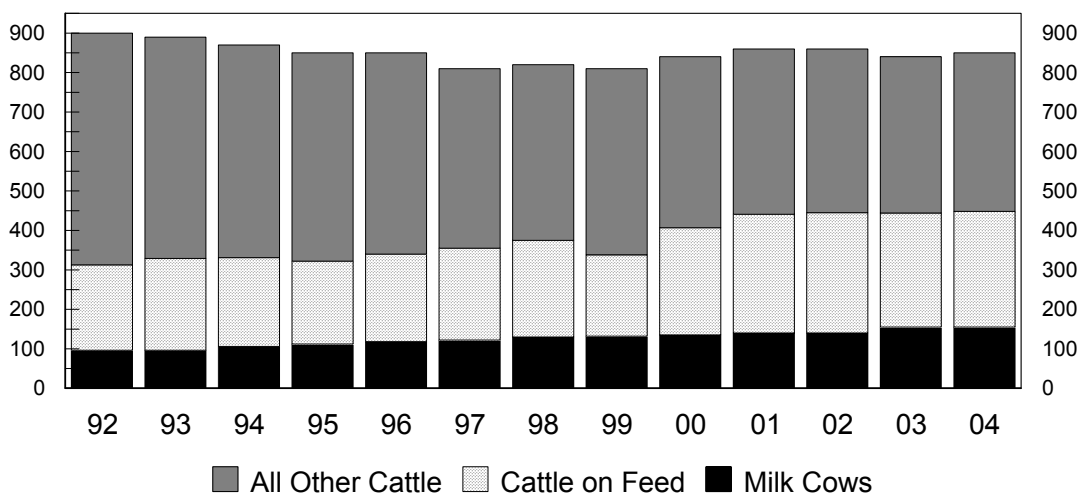
Cattle and calf marketings were up 1 percent to 904 million pounds and the gross income from these marketings increased 21 percent to \$763 million.

Arizona's feedlot operators marketed 335,000 head during 2003. Feedlot inventories ranged from 266,000 head on June and July 1 to 291,000 head on February 1.

Arizona's 17 livestock slaughter plants produced 425 million pounds of red meat during 2003, down 5 percent from the 2002 slaughter. Commercial cattle slaughter totaled 547,100 head, down 5 percent from 2002.

Cattle Inventory January 1, 1992-2004

(000) All Cattle



All Cattle and Calves: Number of Operations and Inventory 1/

	-----January 1-----						
	1998	1999	2000	2001	2002	2003	2004
Arizona							
Operations (Number)	3,200	3,200	3,100	3,000	2,900	2,800	2/
Inventory (1,000 Head)	820.0	810.0	840.0	860.0	860.0	840.0	850.0
United States							
Operations (Number)	1,114,650	1,095,560	1,076,370	1,049,170	1,036,430	1,013,570	2/
Inventory (1,000 Head)	99,744.0	99,115.0	98,199.0	97,297.5	96,723.0	96,100.0	94,882.0

1/ An operation is any place having one or more head of the species on hand at any time during the year.

2/ Not available until January 2005.

All Cattle and Calves: Number on Farms and Value

	-----January 1-----						
	1998	1999	2000	2001	2002	2003	2004
All cattle and calves (1,000 Head)	820	810	840	860	860	840	850
Cows that have calved (1,000 Head)							
Beef cows	220	218	200	195	185	170	175
Milk cows	130	132	135	140	140	155	155
Heifers 500 pounds and over (1,000 Head)							
Beef cow replacement	38	40	39	36	36	34	33
Milk cow replacement	26	23	26	31	33	35	37
Other heifers	26	34	23	15	17	20	20
Steers 500 pounds and over (1,000 Head)	250	210	210	250	270	255	255
Bulls 500 pounds and over (1,000 Head)	20	22	22	23	22	21	22
Calves under 500 pounds (1,000 Head)	110	131	185	170	157	150	153
Value of all cattle and calves							
Per head (Dollars)	660	640	690	740	770	760	820
Total (1,000 Dollars)	541,200	518,400	579,600	636,400	662,200	638,400	697,000

All Cattle and Calves: Inventory, Supply, and Disposition

	1997	1998	1999	2000	2001	2002	2003	2004
	-----1,000 Head-----							
Inventory January 1	810	820	810	840	860	860	840	850
Calf crop	285	285	280	275	270	270	270	3/
In-shippments	527	517	560	625	625	536	589	3/
Marketings 1/								
Cattle	601	637	667	682	712	649	662	3/
Calves	139	134	102	159	141	133	141	3/
Farm slaughter 2/	2	1	1	1	1	1	1	3/
Deaths								
Cattle	30	20	21	19	21	22	23	3/
Calves	30	20	19	19	20	21	22	3/

1/ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

2/ Excludes custom slaughter for farmers at commercial establishments.

3/ Not available until January 2005.

All Cattle and Calves: Production and Income

	1997	1998	1999	2000	2001	2002	2003
Production (1,000 Pounds) 1/	467,026	477,277	534,928	598,840	641,866	617,742	625,609
Marketings (1,000 Pounds) 2/	697,540	735,740	795,050	864,980	932,300	891,260	904,200
Average price per 100 Pounds (Dollars)							
Cattle	62.10	60.80	64.90	68.60	71.90	69.10	83.30
Calves	83.40	82.00	85.40	102.00	101.00	98.30	99.50
Value of production (1,000 Dollars)	291,320	292,076	317,921	344,903	403,925	380,704	500,865
Cash receipts (1,000 Dollars) 3/	441,403	455,225	522,199	609,736	683,361	630,507	760,683
Value of home consumption (1,000 Dollars)	2,413	2,030	2,153	2,333	2,516	2,165	2,440
Gross income (1,000 Dollars)	443,816	457,255	524,352	612,069	685,877	632,672	763,123

1/ Adjustments made for changes in inventory and for inshipments.

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State.

3/ Receipts from marketings and sale of farm slaughter.

All Cattle & Calves: Number on Farms by County

County and Year	----- January 1 -----				County and Year	----- January 1 -----			
	All Cattle	Beef Cows 1/ Cows 1/	Milk Cows 1/ Cows 1/	Cattle on Feed		All Cattle	Beef Cows 1/ Cows 1/	Milk Cows 1/ Cows 1/	Cattle on Feed
Apache	----- Head -----				Mohave	----- Head -----			
1998	34,000	16,000			1998	27,000	17,000		
1999	32,000	15,000			1999	25,000	13,000		
2000	33,000	15,000			2000	30,000	16,000		
2001	38,000	18,000			2001	22,000	13,000		
2002	38,000	19,000			2002	20,000	10,000		
2003	32,000	20,000			2003	15,000	9,000		
2004	35,000	23,000			2004	15,000	9,000		
Cochise					Navajo				
1998	70,000	34,000			1998	30,000	15,000		
1999	70,000	30,000			1999	30,000	15,000		
2000	70,000	33,000			2000	35,000	18,000		
2001	61,000	29,000			2001	33,000	19,000		
2002	65,000	30,000			2002	33,000	19,000		
2003	69,000	30,000			2003	23,000	13,000		
2004	48,000	26,000			2004	25,000	15,000		
Coconino					Pima				
1998	47,000	25,000			1998	39,000	19,000		
1999	45,000	21,000			1999	45,000	21,000		
2000	48,000	24,000			2000	32,000	15,000		
2001	40,000	21,000			2001	23,000	12,000		
2002	30,000	14,000			2002	25,000	11,000		
2003	33,000	20,000			2003	26,000	14,000		
2004	25,000	17,000			2004	25,000	13,000		
Gila					Pinal				
1998	19,000	10,000			1998	174,000	12,000	11,000	151,000
1999	18,000	10,000			1999	174,000	21,000	12,000	119,000
2000	17,000	8,000			2000	210,000	11,000	14,000	176,000
2001	10,000	6,000			2001	247,000	14,000	13,000	204,000
2002	12,000	7,000			2002	250,000	15,000	14,000	202,000
2003	9,000	4,000			2003	240,000	9,000	21,000	186,000
2004	4,000	2,000			2004	240,000	12,000	17,000	192,000
Graham					Santa Cruz				
1998	25,000	13,000			1998	15,000	8,000		
1999	27,000	16,000			1999	12,000	7,000		
2000	20,000	10,000			2000	10,000	5,000		
2001	16,000	10,000			2001	13,000	8,000		
2002	20,000	12,000			2002	10,000	6,000		
2003	19,000	11,000			2003	12,000	7,000		
2004	19,000	11,000			2004	10,000	7,000		
Greenlee					Yavapai				
1998	11,000	6,000			1998	66,000	32,000		
1999	12,000	6,000			1999	63,000	32,000		
2000	9,000	4,000			2000	67,000	33,000		
2001	5,000	3,000			2001	74,000	35,000		
2002	6,000	4,000			2002	65,000	30,000		
2003	7,000	5,000			2003	38,000	21,000		
2004	7,000	5,000			2004	40,000	24,000		
La Paz					Yuma				
1998	3,000	1,000			1998	90,000	1,000		88,000
1999	3,000	1,000			1999	84,000	1,000		83,000
2000	2,000	1,000			2000	92,000	1,000		91,000
2001	2,000	1,000			2001	93,000	1,000		92,000
2002	1,000				2002	100,000			97,000
2003	2,000				2003	110,000			98,000
2004	2,000				2004	110,000			96,000
Maricopa					Arizona				
1998	170,000	11,000	112,000	6,000	1998	820,000	220,000	130,000	245,000
1999	170,000	9,000	112,000	4,000	1999	810,000	218,000	132,000	206,000
2000	165,000	6,000	115,000	5,000	2000	840,000	200,000	135,000	272,000
2001	173,000	5,000	116,000	5,000	2001	860,000	195,000	140,000	301,000
2002	185,000	6,000	119,000	6,000	2002	860,000	185,000	140,000	305,000
2003	205,000	6,000	125,000	5,000	2003	840,000	170,000	155,000	289,000
2004	245,000	10,000	130,000	5,000	2004	850,000	175,000	155,000	293,000

1/ Some counties not published to avoid disclosure of individual operations.

Cattle on Feed: Inventory

Month	1997	1998	1999	2000	2001	2002	2003
	-----1,000 Head-----						
January 1	233	245	206	272	301	305	289
February 1	223	220	202	275	302	311	291
March 1	224	220	203	275	307	310	279
April 1	224	212	214	273	309	314	278
May 1	214	205	208	276	308	304	269
June 1	206	214	207	276	305	299	266
July 1	189	200	198	274	291	291	266
August 1	176	196	194	262	297	285	271
September 1	185	200	200	257	293	285	274
October 1	193	201	208	272	298	288	275
November 1	215	205	239	292	301	290	278
December 1	243	214	265	298	303	295	284

Cattle on Feed: Number of Feedlots and Marketings

Feedlot Capacity	1997	1998	1999	2000	2001	2002	2003
15,999 and under							
Lots (Number)	3	3	2	2	2	2	
Cattle marketed (1,000 Head)	15	8	7	6	7	7	
16,000 - 31,999							
Lots (Number)	3	3	2	2	2	2	3 1/
Cattle marketed (1,000 Head)	98	89	52	45	50	40	42 1/
32,000 and over							
Lots (Number)	3	3	3	3	3	3	3
Cattle marketed (1,000 Head)	285	195	231	284	291	294	288
Total							
Lots (Number)	9	9	7	7	7	7	6
Cattle marketed (1,000 Head)	398	292	290	335	348	341	330

1/ Lots, inventory, and marketings from other size groups are included to avoid disclosing individual operations.

Cattle: Monthly and Marketing Year Average Prices Received 1997-2003

	1997	1998	1999	2000	2001	2002	2003
	-----Dollars per Cwt-----						
All Beef Cattle 1/							
January	60.00	62.80	60.30	68.30	77.00	64.50	77.10
February	61.10	59.20	62.20	68.60	77.70	67.70	79.50
March	63.90	60.40	63.80	71.00	78.90	71.40	77.50
April	63.80	62.60	64.40	72.10	77.00	68.30	78.40
May	64.30	65.00	64.40	70.50	73.00	67.70	78.90
June	61.00	65.10	65.30	69.60	73.00	67.00	78.00
July	62.20	58.80	63.80	66.50	71.50	66.70	83.20
August	62.90	58.20	64.20	63.80	71.00	68.70	84.40
September	61.00	57.40	65.30	64.00	68.80	72.40	90.90
October	61.30	59.30	67.80	67.00	68.20	70.10	91.60
November	62.00	61.00	69.40	69.60	65.20	70.60	91.80
December	61.40	58.90	67.50	72.70	64.50	73.40	91.50
Marketing year average	62.10	60.80	64.90	68.60	71.90	69.10	83.30
Steers and Heifers							
January	64.00	64.30	60.60	68.60	77.40	64.80	77.50
February	64.50	60.80	62.50	68.90	78.10	68.00	79.90
March	67.00	62.00	64.10	71.30	79.30	71.70	77.80
April	67.00	64.30	64.70	72.40	77.30	68.60	78.80
May	67.00	65.80	64.70	70.80	73.30	68.00	79.30
June	63.20	66.00	65.60	69.90	73.30	67.30	78.40
July	63.90	59.30	64.10	66.80	71.80	67.00	83.60
August	64.80	58.60	64.50	64.00	71.30	69.00	84.80
September	64.00	57.90	65.60	64.30	69.10	72.80	91.40
October	66.20	59.90	69.40	68.10	68.50	70.50	92.10
November	67.00	61.70	69.90	70.60	65.50	71.00	92.30
December	64.60	59.50	68.20	73.90	64.80	73.80	91.90
Marketing year average	65.20	61.70	65.20	69.10	72.20	69.40	83.50
Calves							
January	67.00	91.20	81.30	91.90	107.00	97.20	100.00
February	73.00	93.20	81.30	101.00	112.00	99.10	96.20
March	82.00	95.30	82.20	112.00	112.00	101.00	93.60
April	82.00	92.50	86.30	106.00	107.00	99.00	94.00
May	84.00	88.50	81.60	97.80	103.00	98.00	90.00
June	84.00	75.50	86.10	99.00	101.00	99.00	90.50
July	88.80	75.50	87.50	101.00	96.70	97.40	95.40
August	92.10	78.10	88.50	103.00	96.10	101.00	98.80
September	92.00	72.60	91.00	98.60	99.50	102.00	108.00
October	85.80	72.30	86.30	98.70	94.30	95.00	109.00
November	83.80	74.40	84.50	109.00	95.20	94.60	108.00
December	87.20	72.50	90.40	104.00	95.00	96.30	109.00
Marketing year average	83.40	82.00	85.40	102.00	101.00	98.30	99.50
Cows 2/							
January	31.00	43.00	34.80	34.20	37.00	37.30	36.30
February	36.00	37.60	34.80	35.80	39.40	37.50	40.60
March	39.00	42.10	34.10	38.60	39.60	37.40	43.00
April	40.50	39.40	36.00	38.60	48.70	36.90	41.40
May	40.20	38.40	34.60	36.80	46.10	35.20	42.00
June	38.70	34.50	34.70	37.00	46.50	35.10	39.40
July	42.70	34.50	38.30	39.30	43.40	34.50	43.50
August	41.00	36.50	38.90	39.40	44.20	35.70	43.80
September	39.00	34.20	35.80	35.50	38.40	33.30	42.50
October	33.50	29.50	30.60	32.70	36.50	33.20	42.40
November	31.00	26.90	30.60	36.40	35.90	33.00	43.00
December	35.90	30.50	33.30	33.40	36.00	34.50	49.40
Marketing year average	36.50	32.10	34.10	36.20	40.60	35.20	42.50

1/ "Cows" and "Steers and Heifers" combined.

2/ Beef cows and cull dairy cows sold for slaughter.

Grazing Fees

As of 2004, approximately 48 percent of Arizona's total area of 72,726,000 acres is Federal and State public trust land administered by the United States Department of Interior (USDI) Bureau of Land Management, the United States Department of Agriculture (USDA) Forest Service, and the Arizona State Land Department. A majority of these public lands are leased for livestock grazing.

For the years 1979-1985, fees for grazing on Federal public lands were determined by a formula established in the Public Rangelands Improvement Act of 1978 (PRIA). The act expired December 31, 1985. On February 14, 1986, in the absence of Congressional action, the President, through Executive Order 12548, indefinitely extended the PRIA formula, subject to a few minor changes.

These minor changes included: (1) the Forage Value Index would use the weighted average estimate of the annual rental charge per head per month, rather than Animal Unit Month; (2) the Beef Cattle Price Index means the weighted average annual selling price for beef cattle in the 11 Western States, and (3) the Prices Paid Index would reflect selected livestock production costs in the Western States. In addition, The Executive Order specified that the fee shall not be less than

\$1.35 per Animal Unit Month and that annual adjustments would not exceed plus or minus 25 percent of the previous year's grazing fee.

Effective March 1988, the Secretary of Agriculture issued a final ruling that established regulations for annually determining Federal grazing fees. The fee system now in effect is the formula prescribed in the Executive Order of February 1986 and, in most respects, is the same grazing fee formula enacted by Congress in 1978. Grazing fees will be based on a rate per head month.

A head month is a month's use and occupancy of range by one animal, except for sheep or goats. A full head month's fee is charged for a month of grazing by adult animals; if the grazing animal is weaned or 6 months of age or older at the time of entering the Federal lands; or will become 12 months of age during the permitted period of use. For fee purposes, 5 sheep or goats are equivalent to one cow, bull, steer, heifer, horse, or mule.

Grazing fee formula components are compiled by the USDA Agricultural Statistics Board and furnished to USDI Bureau of Land Management and the USDA Forest Service for calculating the grazing fee each year.

Public Land Grazing Fee Formulation *

Grazing Fee Components	Base Year 1964-68	1998	1999	2000	2001	2002	2003	2004
Grazing Rates on Private Land (Dollars) 1/	3.65	11.30	11.80	11.90	12.00	12.60	13.00	13.40
Forage Value Index (FVI) 2/	100	310	323	326	329	345	356	367
Average Price Received for Beef Cattle per Cwt (Dollars) 3/	22.04	61.90	60.01	61.89	68.88	72.80	66.76	75.33
Beef Cattle Price Index (BCPI) 4/	100	278	272	281	313	330	303	342
Prices Paid Index (PPI) 5/	100	512	514	516	554	559	559	593
Federal Grazing Fee (Dollars) 6/	(1.23)	1.35	1.35	1.35	1.35	1.43	1.35	1.43
State Grazing Fee (Dollars)	(0.95)	2.04	1.96	1.95	2.00	2.11	2.14	2.23

* The Federal Grazing Fee for the year specified, as constrained by Presidential Executive Order 12548, is based on prior year values for the formula components.

1/ Privately-owned, non-irrigated land in eleven western states: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming. Rates are per head month. Private Fee Grazing Rates, for the prior year, are published by NASS-USDA in the January Agricultural Prices report.

2/ Private land grazing rates current year divided by base year times 100.

3/ Average for twelve months November-October prior to the fee year for eleven western states, see footnote 1. Average Beef Cattle Price for the Nov-Oct period, are published by NASS-USDA in the December Agricultural Prices report.

4/ Beef cattle price current year divided by base year times 100.

5/ Index of prices paid for beef cattle production inputs as percent of base year. The Prices Paid Index for Beef Cattle Production for the Nov-Oct period, are published by NASS-USDA in the December Agricultural Prices report.

6/ The grazing fee = base year fee (FVI + BCPI - PPI)/100. 2004 for example = $\$1.23 (367 + 342 - 593)/100 = \1.43 (Federal), per Executive Order, \$1.35 is the legal minimum.

Dairy

The average number of milk cows maintained by Arizona's dairy operations in 2003 increased 8,000 head from a year ago to 155,000 head. As of January 1, 2004, the number of milk cows totaled 155,000, the same number from January 1, 2003. Milk production per cow during 2003 was 22,284 pounds, down 4 percent from last year.

Milk production totaled 3.45 billion pounds in 2003, an increase of 1 percent from 2002. Value of milk produced, at \$414 million dollars, was a 3 percent increase from the 2002 value. The average returns per 100 pounds of milk in 2003 was \$12.00, up 30 cents from 2002.

Milk Cows: Monthly and Annual Average Inventory

	1997	1998	1999	2000	2001	2002	2003
	-----1,000 Head-----						
January	122	130	132	137	140	140	155
February	123	130	132	137	140	142	155
March	125	130	132	137	140	143	155
April	127	130	132	138	140	144	155
May	128	130	134	138	140	145	155
June	128	131	134	138	140	145	155
July	128	132	135	140	140	148	155
August	128	132	135	140	140	150	155
September	129	132	135	140	140	151	155
October	130	132	135	140	140	152	155
November	130	132	135	140	140	153	155
December	130	132	135	140	140	154	155
Annual average	127	131	134	139	140	147	155

Milk: Monthly and Annual Average Produced per Cow

	1997	1998	1999	2000	2001	2002	2003
	-----Pounds-----						
January	1,965	1,800	1,925	1,925	1,880	2,085	1,970
February	1,855	1,660	1,835	1,935	1,770	1,970	1,850
March	2,095	1,885	2,135	2,115	2,020	2,250	2,085
April	1,985	1,885	2,075	2,080	1,970	2,195	2,045
May	1,920	1,945	2,060	2,095	2,010	2,200	2,055
June	1,760	1,780	1,830	1,890	1,865	1,985	1,900
July	1,655	1,530	1,620	1,735	1,725	1,850	1,750
August	1,460	1,410	1,580	1,580	1,625	1,785	1,610
September	1,395	1,440	1,550	1,555	1,650	1,650	1,605
October	1,555	1,650	1,725	1,645	1,800	1,730	1,735
November	1,600	1,675	1,755	1,585	1,790	1,765	1,775
December	1,710	1,795	1,830	1,735	1,920	1,875	1,895
Annual average 1/	20,976	20,458	21,873	21,820	22,036	23,333	22,284

1/ Numbers may not add due to rounding.

Milk: Monthly and Annual Average Production

	1997	1998	1999	2000	2001	2002	2003
	-----Million Pounds-----						
January	240	234	254	264	263	292	305
February	228	216	242	265	248	280	287
March	262	245	282	290	283	322	323
April	252	245	274	287	276	316	317
May	246	253	276	289	281	319	319
June	225	233	245	261	261	288	295
July	212	202	219	243	242	274	271
August	187	186	213	221	228	268	250
September	180	190	209	218	231	249	249
October	202	218	233	230	252	263	269
November	208	221	237	222	251	270	275
December	222	237	247	243	269	289	294
Annual average	2,664	2,680	2,931	3,033	3,085	3,430	3,454

Milk Production: Marketings and Income

	1997	1998	1999	2000	2001	2002	2003
Combined marketings of milk and cream							
Milk marketed (Million Pounds)	2,653	2,668	2,918	3,019	3,073	3,417	3,441
Average returns (Dollars)							
Per 100 pounds of milk	13.00	14.60	13.70	11.90	14.70	11.70	12.00
Per pound of milkfat	3.65	4.09	3.83	3.30	4.06	3.22	3.34
Cash receipts from marketings (1,000 Dollars)	344,890	389,528	399,766	359,261	451,731	399,789	412,920
Used for milk, cream & butter where produced							
Milk utilized (Million Pounds)	1	1	1	1	1	1	1
Value (1,000 Dollars)	130	146	137	119	147	117	120
Gross producer income (1,000 Dollars) 1/	345,020	389,674	399,903	359,380	451,878	399,906	413,040

1/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

Milk Cows: Number of Operations by Size Group 1/

	1997	1998	1999	2000	2001	2002	2003
	-----Number-----						
1-99	140	140	130	130	130	135	130
100-199	10	10	10	10	10	10	10
200 and over	100	100	110	110	110	105	100
Total	250	250	250	250	250	250	240

1/ An operation is any place having one or more head of milk cows, excluding cows used to nurse calves, on hand at any time during the year.

Dairy: Milk Cows, Production of Milk and Milkfat, and Value

	1997	1998	1999	2000	2001	2002	2003
Milk cows (1,000 head) 1/	127	131	134	139	140	147	155
Production per milk cow (Pounds)							
Milk	20,976	20,458	21,873	21,820	22,036	23,333	22,284
Milkfat	747	730	783	788	798	847	800
Milkfat in all milk produced (Percent)	3.56	3.57	3.58	3.61	3.62	3.63	3.59
Total production (Million Pounds)							
Milk	2,664	2,680	2,931	3,033	3,085	3,430	3,454
Milkfat	94.8	95.7	104.9	109.5	111.7	124.5	124.0
Value of milk produced (1,000 Dollars) 2/	346,320	391,280	401,547	360,927	453,495	401,310	414,480

1/ Average number during year, excluding heifers not yet fresh.

2/ Value at average returns per 100 pounds of milk in combined marketings of milk and cream. Includes value of milk fed to calves.

Sheep, Lambs, and Wool

Arizona's sheep and lamb inventory on January 1, 2004 was estimated at 114,000 head, down 1,000 head from a year ago. Breeding sheep and lamb inventory, at 57,000 head, remained unchanged from January 1, 2003. Market sheep and lambs inventory, at 57,000 head, decreased by 1,000 head from the previous year.

Sheep and lamb marketings in 2003 were 94,000 head, 8,000 more than 2002. Average prices received by sheep operators in

2003 were \$38.00 per hundredweight for sheep, up \$5.00 from 2002, and \$89.00 per hundredweight for lambs, up \$15.00 from 2002. Cash receipts totaled \$7.7 million, up 29 percent from a year earlier.

Average wool prices increased 2 cents to 34 cents per pound. Wool production was valued at \$211,000, up 34 percent from the previous year.

Sheep: Number of Operations and Inventory 1/

	----- January 1 -----						
	1998	1999	2000	2001	2002	2003	2004
Arizona							
Operations (Number)	300	300	300	250	250	270	2/
Inventory (1,000 Head)	140.0	140.0	140.0	120.0	115.0	115.0	114.0
United States							
Operations (Number)	71,750	70,000	69,200	68,600	68,150	67,620	2/
Inventory (1,000 Head)	7,825.1	7,247.0	7,036.0	6,908.0	6,623.0	6,321.0	6,090.0

1/ An operation is any place having one or more sheep on hand during the year.

2/ Not available until January 2005.

Sheep: By Class, Farm Value, and Lamb Crop

	----- January 1 -----						
	1998	1999	2000	2001	2002	2003	2004
Breeding sheep and lambs (1,000 Head)							
Ewes	63.0	58.0	60.0	53.0	49.0	49.0	48.0
Rams	2.0	3.0	4.0	3.0	3.0	3.0	3.0
Replacement lambs	8.0	7.0	6.0	6.0	5.0	5.0	6.0
Market sheep and lambs (1,000 Head)	67.0	72.0	70.0	58.0	58.0	58.0	57.0
All sheep and lambs (1,000 Head)	140.0	140.0	140.0	120.0	115.0	115.0	114.0
Farm Value							
Per head (Dollars)	110	89	96	98	96	115	121
Total (1,000 Dollars)	15,400	12,460	13,440	11,760	11,040	13,225	13,794
Lamb crop (1,000 Head)	47.0	45.0	42.0	39.0	34.0	34.0	1/

1/ Not available until January 2005.

Sheep and Lambs: Inventory, Supply, and Disposition

	1998	1999	2000	2001	2002	2003	2004
	----- 1,000 Head -----						
Inventory January 1	140	140	140	120	115	115	114
Lamb crop	47	45	42	39	34	34	3/
In-shippments	76	85	69	81	68	75	3/
Marketings 1/							
Sheep	11	2	14	20	5	9	3/
Lambs	88	111	99	88	81	85	3/
Farm slaughter 2/	20	13	15	13	13	13	3/
Deaths							
Sheep	2	2	2	2	2	2	3/
Lambs	2	2	1	2	1	1	3/

1/ Includes animals for custom slaughter for use on farms where produced and State out-shippments, but excludes inter-farm sales within the State.

2/ Excludes custom slaughter for farmers at commercial establishments.

3/ Not available until January 2005.

Sheep and Lambs: Number on Farms by County 1/

County and Year	----- January 1 -----			County and Year	----- January 1 -----		
	Breeding sheep & lambs	Market sheep & lambs 2/	All sheep & lambs		Breeding sheep & lambs	Market sheep & lambs 2/	All sheep & lambs
----- Head -----				----- Head -----			
Apache				Mohave			
1998	20,000	3,000	23,000	1998			
1999	20,000	11,000	31,000	1999			
2000	22,000	11,000	33,000	2000			
2001	22,000	11,000	33,000	2001			
2002	22,000	10,000	32,000	2002			
2003	19,000	10,000	29,000	2003			
2004	16,000	8,000	24,000	2004			
Cochise				Navajo			
1998	3,000	2,000	5,000	1998	11,000	2,000	13,000
1999	3,000		3,000	1999	9,000	7,000	16,000
2000	2,000	1,000	3,000	2000	10,000	5,000	15,000
2001	1,000		1,000	2001	10,000	4,000	14,000
2002				2002	9,000	4,000	13,000
2003				2003	9,000	5,000	14,000
2004				2004	7,000	4,000	11,000
Coconino				Pima			
1998	13,000	1,000	14,000	1998			
1999	15,000	5,000	20,000	1999			
2000	15,000	4,000	19,000	2000			
2001	10,000	4,000	14,000	2001			
2002	9,000	4,000	13,000	2002			
2003	9,000	4,000	13,000	2003			
2004	7,000	4,000	11,000	2004			
Gila				Pinal			
1998				1998	10,000	4,000	14,000
1999				1999	13,000		13,000
2000				2000	13,000	8,000	21,000
2001				2001	13,000	13,000	26,000
2002				2002	12,000	20,000	22,000
2003				2003	15,000	12,000	27,000
2004				2004	11,000	19,000	30,000
Graham				Santa Cruz			
1998				1998			
1999				1999			
2000				2000			
2001				2001			
2002				2002			
2003				2003			
2004				2004			
Greenlee				Yavapai			
1998	2,000		2,000	1998			
1999				1999			
2000				2000			
2001				2001			
2002				2002			
2003				2003			
2004	1,000		1,000	2004			
La Paz				Yuma			
1998				1998		36,000	36,000
1999				1999		35,000	35,000
2000				2000		34,000	34,000
2001				2001		20,000	20,000
2002				2002		15,000	15,000
2003				2003		22,000	22,000
2004				2004	9,000	16,000	25,000
Maricopa				Arizona			
1998	14,000	18,000	32,000	1998	73,000	67,000	140,000
1999	8,000	14,000	22,000	1999	68,000	72,000	140,000
2000	8,000	7,000	15,000	2000	70,000	70,000	140,000
2001	6,000	6,000	12,000	2001	62,000	58,000	120,000
2002	5,000	5,000	10,000	2002	57,000	58,000	115,000
2003	5,000	5,000	10,000	2003	57,000	58,000	115,000
2004	6,000	6,000	12,000	2004	57,000	57,000	114,000

1/ Less than 1,000 head not published to avoid disclosure of individual operations.

2/ Includes sheep and lambs being fattened for slaughter market on grain, other concentrates, or succulent pastures. Excludes breeding sheep and lambs.

Sheep and Lambs: Production and Income

	1998	1999	2000	2001	2002	2003
Production (1,000 Pounds) 1/	4,786	5,306	4,313	3,946	3,385	3,651
Marketings (1,000 Pounds) 2/	9,595	11,046	11,340	11,059	8,415	9,327
Average price per 100 Pounds (Dollars)						
Sheep	36.00	34.00	38.00	37.80	33.00	38.00
Lambs	75.00	75.00	75.00	70.00	74.00	89.00
Value of production (1,000 Dollars)	3,418	3,758	3,123	2,621	2,402	3,087
Cash receipts (1,000 Dollars) 3/	6,678	8,175	7,826	6,898	5,959	7,700
Value of home consumption (1,000 Dollars)	1,165	851	1,076	858	832	1,171
Gross income (1,000 Dollars)	7,843	9,026	8,902	7,756	6,791	8,871

1/ Adjustments made for changes in inventory and for inshipments.

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within Arizona.

3/ Receipts from marketings and sale of farm slaughter.

Wool: Production and Value

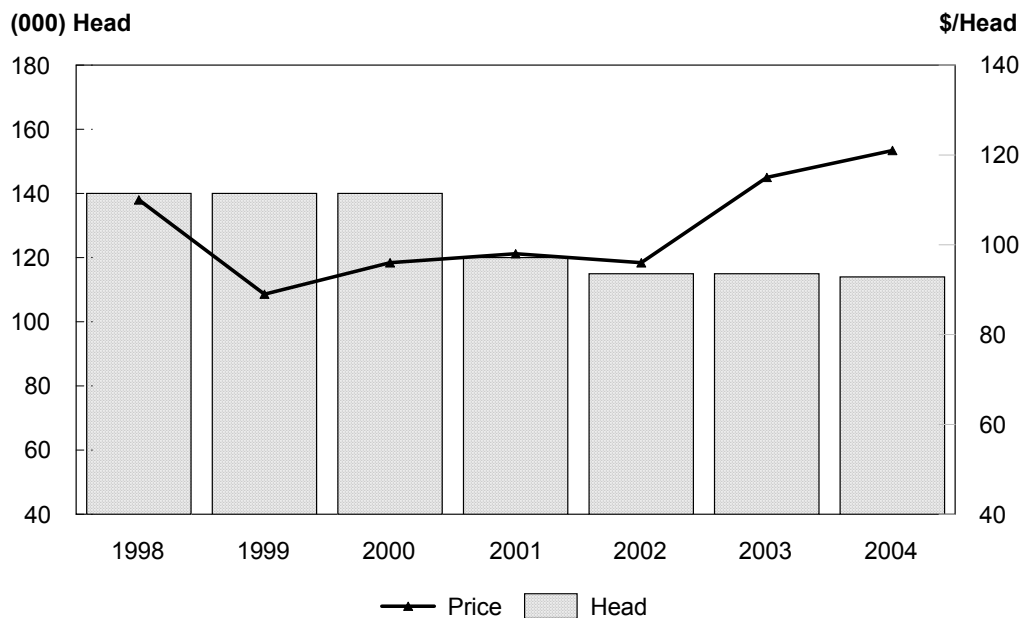
	1998	1999	2000	2001	2002	2003
All sheep shorn (1,000 Head) 1/	120	135	95	80	85	102
Weight per fleece (Pounds)	6.5	6.1	6.0	6.3	5.8	6.1
Shorn wool production (1,000 Pounds)	780	830	570	500	490	620
Average price per pound (Cents)	47	40	36	30	32	34
Value of production (1,000 Dollars) 2/	367	332	205	150	157	211

1/ Includes fed sheep shorn.

2/ Production multiplied by marketing year average price.

Sheep Inventory & Price

January 1, 1998-2004



Goats and Mohair

On January 1, 2004, Arizona's Angora goat inventory was 30,000 head, unchanged from last year. At \$65 per head, the total value of Angora goats was estimated at \$1.95 million, 8 percent above last year. Most goats in Arizona are owned by Native Americans, with the Navajos of northeastern Arizona

responsible for the majority of the herds. Average mohair prices remained unchanged from a year ago, at \$1.40 per pound. Mohair production was estimated at 140,000 pounds, for a total value of \$196,000.

Angora Goats: Number on Farms and Value

	1998	1999	2000	2001	2002	2003	2004
Goats (1,000 Head) 1/	40	38	36	34	32	30	30
Farm Value:							
Per Head (Dollars)	30	40	43	60	55	60	65
Total (1,000 Dollars)	1,200	1,520	1,548	2,040	1,760	1,800	1,950

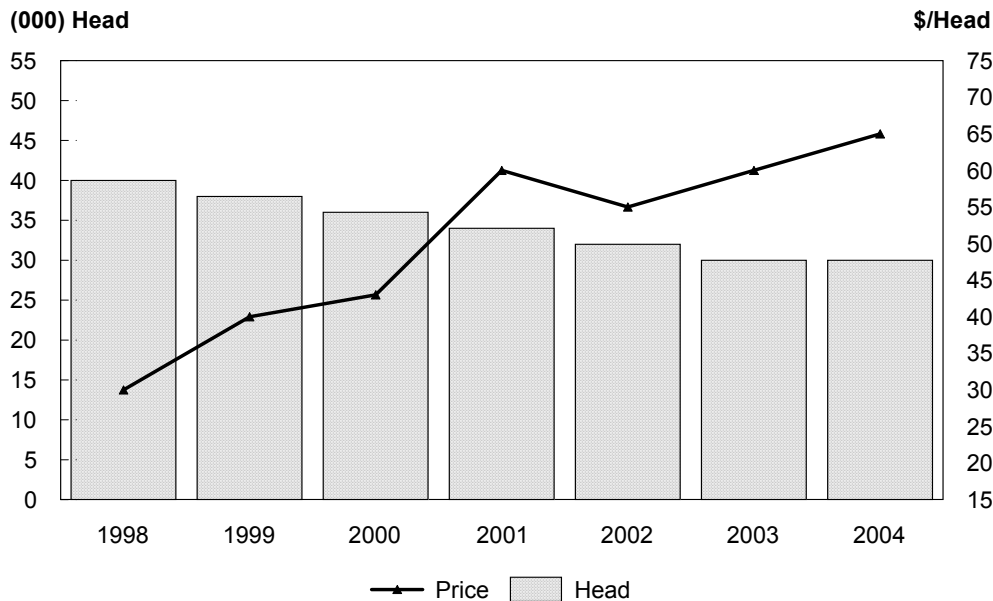
1/ Estimates are based on January 1 of the current year.

Mohair: Production and Value

	1997	1998	1999	2000	2001	2002	2003
Goats Clipped (1,000 Head)	38	36	34	32	30	28	28
Weight per Clip (Pounds)	4.2	4.5	4.5	4.5	4.8	5.0	5.0
Mohair Production (1,000 Pounds)	160	162	153	144	144	140	140
Average Price per Pound (Dollars)	1.70	1.25	1.80	1.80	1.50	1.40	1.40
Value of Production (1,000 Dollars)	272	203	275	259	216	196	196

Angora Goat Inventory & Price

January 1, 1998-2004



Hogs and Pigs

On December 1, 2003, Arizona's hog inventory was estimated at 127,000 head, 11,000 less than the previous December. Breeding hogs for breeding were estimated at 16,000 head and market hogs totaled 111,000 head. The market value of Arizona's hog inventory was \$9.1 million.

There were 30,000 sows that farrowed during 2003, down 3,000

from the previous year. Pigs per litter totaled 8.33, up from 7.91 a year earlier. Total pig crop of 250,000 head was 4 percent below last year.

Marketings totaled 283,000 head in 2003, up 14 percent from 2002. The gross income of the industry totaled \$31.8 million, an increase of \$8.3 million from the previous year.

Hogs and Pigs: Number of Operations and Inventory 1/

	December 1						
	1997	1998	1999	2000	2001	2002	2003
Arizona							
Operations (Number)	250	250	230	230	200	180	160
Inventory (1,000 Head)	145.0	115.0	140.0	9.0	133.0	138.0	127.0
United States							
Operations (Number)	122,160	113,590	99,620	87,470	81,220	76,250	73,600
Inventory (1,000 Head)	61,157.7	62,203.5	59,335.3	59,110.3	59,721.6	59,554.2	60,388.7

1/ An operation is any place having one or more hogs and pigs on hand during the year.

Hogs and Pigs: Inventory by Class, Weight Group, and Farm Value

	December 1						
	1997	1998	1999	2000	2001	2002	2003
Breeding (1,000 Head)	15	17	19	2	14	14	16
Market (1,000 Head)	130	98	121	7	119	124	111
Market hogs and pigs by weight groups (1,000 Head)							
Under 60 Pounds	42	42	47	4	38	43	32
60-119 Pounds	33	21	25	1	27	29	27
120-179 Pounds	28	17	24	1	26	26	26
180 Pounds and over	27	18	25	1	28	26	26
All hogs (1,000 Head)	145	115	140	9	133	138	127
Value							
Per head (Dollars)	88	48	77	83	83	77	72
Total (1,000 Dollars)	12,760	5,520	10,780	747	11,039	10,626	9,144

Hogs and Pigs: Inventory, Supply, and Disposition

	1997	1998	1999	2000	2001	2002	2003	2004
	1,000 Head							
Inventory December 1 1/	150	145	115	140	9	133	138	127
Pig crop	307	255	271	225	253	261	250	4/
In-shipments	86	60	50	30	20	20	50	4/
Marketings 2/	367	304	235	335	124	249	283	4/
Farm slaughter 3/	1	1	1	1	1	1	1	4/
Deaths	30	40	60	50	24	26	27	4/

1/ December 1 of previous year.

2/ Includes animals for slaughter markets, as well as younger animals shipped to other states for feeding or breeding purposes.

Excludes inter-farm sales within the state and farm slaughter.

3/ Excludes custom slaughter for farmers at commercial establishments.

4/ Not available until December 2004.

Pig Crop 1/

	1997	1998	1999	2000	2001	2002	2003
Arizona							
Sows farrowed (1,000 Head)	36	30	30	25	32	33	30
Pigs per litter (Number)	8.53	8.50	9.03	9.00	7.91	7.91	8.33
Pig crop (1,000 Head)	307	255	271	225	253	261	250
United States							
Sows farrowed (1,000 Head)	11,479	12,061	11,641	11,409	11,385	11,483	11,306
Pigs per litter (Number)	8.68	8.71	8.79	8.83	8.84	8.85	8.88
Pig crop (1,000 Head)	99,584	105,005	102,352	100,743	100,617	101,678	100,406

1/ December 1 previous year through November current year.

Hogs and Pigs: Production and Income

	1997	1998	1999	2000	2001	2002	2003
Production (1,000 Pounds) 1/	87,296	65,868	57,428	59,798	44,487	56,317	65,137
Marketings (1,000 Pounds) 2/	91,500	72,720	56,160	80,160	30,750	59,520	70,500
Average price per cwt (Dollars)	49.90	29.10	32.50	45.60	47.00	39.20	44.80
Value of production (1,000 Dollars)	41,156	19,002	18,479	26,847	19,241	20,810	27,248
Cash receipts (1,000 Dollars) 3/	45,659	21,162	18,252	36,874	14,453	23,332	31,584
Value of home consumption (1,000 Dollars)	249	139	160	219	229	186	225
Gross income (1,000 Dollars)	45,908	21,301	18,412	37,093	14,682	23,518	31,809

1/ Adjustments made for changes in inventory and for inshipments.

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within Arizona.

3/ Receipts from marketings and the sale of farm slaughter. Includes allowance for higher average price of State inshipments and outshipments of feeder pigs.

Hogs and Pigs: Number on Farms by County - December 1

County	1997	1998	1999	2000	2001	2002	2003
	----- 1,000 Head -----						
Navajo	132	105	129	1	127	134	124
Other counties	13	10	11	8	6	4	3
Arizona	145	115	140	9	133	138	127

Meat Production

Livestock Slaughter Plants: Number by Type of Inspection, January 1, 1998-2004

	1998	1999	2000	2001	2002	2003	2004 1/
	-----Number-----						
Under Federal Inspection	4	4	4	4	4	4	4
Other	21	11	15	16	14	12	13
Total	25	15	19	20	18	16	17

1/ Data for 2004 includes "Temporarily Closed" Plants.

Commercial Red Meat Production: Number of Pounds by Month, 1997-2003 1/

	1997	1998	1999	2000	2001	2002	2003
	-----1,000 Pounds-----						
January	29,000	24,700	28,200	30,400	33,000	38,700	37,300
February	23,900	23,000	27,100	30,600	30,000	35,100	35,800
March	25,800	26,400	30,900	33,800	33,700	36,100	33,200
April	28,300	26,300	29,500	31,000	30,900	36,100	38,900
May	28,600	28,400	28,700	34,000	36,400	39,400	38,900
June	29,000	30,600	34,000	35,800	37,000	38,600	37,100
July	29,500	29,000	32,400	33,600	36,100	39,100	37,000
August	27,100	26,600	29,200	35,100	38,200	39,200	36,300
September	25,300	27,900	29,900	30,600	33,000	35,800	36,000
October	25,800	28,400	29,400	30,400	37,200	38,600	34,200
November	23,000	27,200	29,100	33,000	35,500	36,100	28,900
December	26,400	30,300	30,200	32,000	36,400	36,300	31,300
Year 2/	321,700	328,900	358,600	390,300	417,300	449,000	424,900

1/ Includes total beef, veal, pork, and lamb and mutton, excluding farm slaughter.

2/ Numbers may not add due to rounding.

Commercial Cattle Slaughter: Number of Head and Total Live Weight by Month, 1997-2003 1/

	1997	1998	1999	2000	2001	2002	2003
	----- Number -----						
January	43,000	36,000	39,200	40,800	44,700	49,900	47,900
February	35,200	33,600	37,700	41,000	40,900	45,300	45,800
March	37,700	38,200	43,000	45,700	45,900	46,300	42,300
April	40,700	37,600	40,500	41,900	41,600	46,500	49,200
May	41,100	39,800	39,100	45,900	49,000	50,700	49,500
June	42,200	42,700	46,400	48,100	49,100	49,400	48,000
July	42,700	40,300	44,300	45,500	48,000	50,300	48,100
August	39,700	37,100	40,200	48,400	51,400	50,100	47,200
September	37,600	38,600	41,100	41,800	44,200	45,800	47,100
October	38,600	39,500	39,800	41,600	49,400	49,200	44,500
November	34,100	37,700	39,800	45,200	46,400	46,300	37,400
December	38,800	41,900	41,300	43,400	47,700	47,100	40,100
Total 2/	471,300	463,000	492,400	529,400	558,100	576,800	547,100
	----- 1,000 Pounds Live Weight -----						
January	47,252	39,621	45,383	50,667	56,301	65,382	64,738
February	38,837	37,020	43,601	51,380	50,799	59,360	61,296
March	42,013	42,561	49,660	56,376	57,477	60,789	56,935
April	46,133	42,342	48,908	51,739	52,561	60,872	66,051
May	46,619	45,359	47,521	56,355	61,481	66,180	66,293
June	47,627	49,027	55,677	59,308	62,297	64,986	63,458
July	48,274	46,500	53,343	55,738	60,136	66,145	63,663
August	44,130	42,754	48,133	58,404	63,446	66,064	62,233
September	41,318	45,013	48,917	51,319	55,223	60,437	61,783
October	42,079	45,953	48,544	51,226	62,197	65,252	60,146
November	37,370	43,856	48,874	56,324	59,817	61,734	50,332
December	42,293	48,506	50,348	54,493	61,871	63,017	54,951
Total 2/	523,946	528,512	588,908	653,329	703,607	760,219	731,879

1/ Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farms.

2/ Numbers may not add due to rounding.

Commercial Hog Slaughter: Number of Head and Total Live Weight by Month, 1997-2003 1/

	1997	1998	1999	2000	2001	2002	2003 2/
	----- Number -----						
January	900	600	700	500	500	300	
February	800	700	600	400	300	300	
March	900	900	700	400	400	500	
April	1,200	1,100	700	600	500	800	
May	1,100	1,000	700	700	400	600	
June	700	800	500	500	200	300	
July	700	500	300	300	200	100	
August	600	500	300	400	200	100	
September	900	700	600	400	300	400	
October	800	700	400	700	400	200	
November	800	800	500	500	300	100	
December	800	800	500	400	500	100	
Total 3/	10,300	9,200	6,700	5,800	4,200	3,700	

See footnotes at end of table

---Continued on next page

Commercial Hog Slaughter: Number of Head and Total Live Weight by Month, 1997-2003 1/

—Continued

	1997	1998	1999	2000	2001	2002	2003 2/
	----- 1,000 Pounds Live Weight -----						
January	189	112	146	117	146	83	
February	179	133	119	108	82	65	
March	209	172	142	101	105	134	
April	265	226	129	135	119	182	
May	254	208	137	167	92	138	
June	119	154	99	116	42	69	
July	151	94	66	75	51	42	
August	140	111	51	87	48	29	
September	184	142	106	87	79	58	
October	176	128	81	165	90	40	
November	166	171	65	113	62	27	
December	168	133	80	114	114	22	
Total 3/	2,200	1,785	1,220	1,386	1,032	890	

1/ Includes slaughter in federally inspected and in other slaughtering plants, but excludes animals slaughtered on farms.

2/ Not published to avoid disclosing individual operations.

3/ Numbers may not add due to rounding.

Commercial Sheep and Lamb Slaughter: Number of Head and Total Live Weight by Month, 1997-2003 1/

	1997	1998	1999	2000	2001	2002	2003 2/
	----- Number -----						
January	100	100	100			100	
February							
March	100	100	100		100	100	
April	200	100	100	100	100	100	
May	100	100	100	100	100	100	
June	100	100	100	100			
July		100					
August	100	100			100		
September	100	100	100		100	100	
October	100	100	100	100	100	100	
November	100	100		100	100	100	
December	100	100	100			100	
Total 3/	1,000	1,000	900	600	800	900	
	----- 1,000 Pounds Live Weight -----						
January	10	5	7			7	
February							
March	11	11	14		11	17	
April	18	17	16	7	13	11	
May	12	13	9	10	11	10	
June	4	5	7	6			
July		7					
August	7	7			3		
September	13	9	16		12	10	
October	6	12	5	11	13	12	
November	8	3		6	5	10	
December	6	7	6			6	
Total 3/	104	99	94	66	85	96	

1/ Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farms.

2/ Months with no data printed are still included in total, but not published to avoid disclosure of individual operations.

3/ Numbers may not add due to rounding.

Honey

Arizona's honey production during 2003 was estimated at 2.88 million pounds, up 20 percent from 2002. Average yield from the 40,000 honey producing colonies was 72 pounds, up 9 pounds from last year.

Prices for the 2003 honey crop averaged \$1.38 per pound, up 30 cents from last year. The value of the honey produced by Arizona apiarists was estimated at \$3.97 million, an increase of 54 percent from 2002.

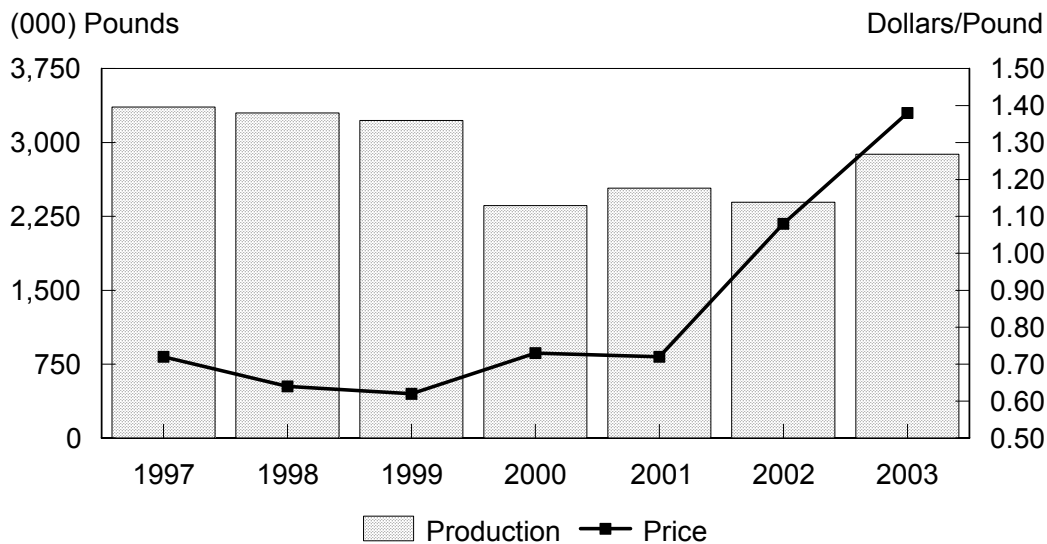
Estimates of honey production and colonies represent operations where honey is taken from colonies for sale or human consumption. Honey produced by beekeepers with fewer than five colonies is not included. Packaged bees and bees for pollination are included only if some honey was removed for human consumption.

Honey: Number of Colonies, Yield, Production, Price, and Value 1/

	1997	1998	1999	2000	2001	2002	2003
Honey producing colonies (1,000)	42	55	52	40	43	38	40
Yield per colony (Pounds)	80	60	62	59	59	63	72
Production (1,000 Pounds)	3,360	3,300	3,224	2,360	2,537	2,394	2,880
Average price per pound (Dollars)	0.72	0.64	0.62	0.73	0.72	1.08	1.38
Value of production (1,000 Dollars)	2,419	2,112	1,999	1,723	1,827	2,586	3,974

1/ December 1 previous year through November 30.

Honey Production & Price 1997-2003



Crop Summary: Acreage Harvested, Production, and Value

Commodity and Unit	Acres			Acres			Acres		
	Harv	Prod	Value	Harv	Prod	Value	Harv	Prod	Value
	-----2001-----			-----2002-----			-----2003-----		
	1,000 Acres	1,000 Units	1,000 Dollars	1,000 Acres	1,000 Units	1,000 Dollars	1,000 Acres	1,000 Units	1,000 Dollars
Upland cotton (Bales) 1/	290.0	690.0	94,061	213.0	613.0	136,233	213.0	550.0	182,688
Amer-Pima cotton (Bales)1/	7.5	14.5	5,902	8.2	17.3	7,349	2.4	4.6	2,318
All cotton (Bales) 1/	297.5	704.5	99,963	221.2	630.3	143,582	215.4	554.6	185,006
Cottonseed (Tons)		261.0	33,147		232.4	31,839		216.8	32,303
Alfalfa hay (Tons)	215.0	1,720.0	170,280	230.0	1,863.0	186,300	235.0	1,998.0	190,809
Other hay (Tons)	43.0	142.0	12,993	45.0	171.0	15,989	40.0	164.0	14,678
All hay (Tons)	258.0	1,862.0	183,273	275.0	2,034.0	202,289	275.0	2,162.0	205,487
Durum wheat (Tons)	87.0	237.5	31,272	93.0	267.8	39,292	115.0	345.0	54,050
Other wheat (Tons)	6.0	18.0	1,950	6.0	15.5	1,935	4.0	12.4	1,524
All wheat (Tons)	93.0	255.5	33,222	99.0	283.3	41,227	119.0	357.4	55,574
Barley (Tons)	40.0	105.6	10,560	40.0	105.6	11,220	30.0	85.0	11,328
Corn for grain (Tons)	28.0	163.1	16,249	28.0	145.0	16,265	22.0	117.0	13,376
Corn for silage (Tons)	26.0	702.0	23,166	31.0	775.0	25,575	24.0	672.0	22,176
Sorghum for grain (Tons)	6.0	13.4	1,075	6.0	11.8	1,086	6.0	15.1	1,603
Potatoes (Cwt)	8.2	2,214.0	34,317	7.8	2,106.0	28,220	7.6	2,090.0	21,318
Head lettuce Western (Cwt)	51.8	18,907.0	311,966	50.0	17,500.0	677,250	47.0	17,860.0	183,958
Head lettuce Other (Cwt)	1.5	420.0	6,300	0.8	280.0	6,524	0.8	208.0	2,558
Leaf lettuce (Cwt)	5.8	1,827.0	75,638	7.9	2,370.0	146,466	8.4	2,772.0	82,051
Romaine lettuce (Cwt)	12.3	3,813.0	94,944	13.3	4,389.0	190,483	16.5	4,538.0	87,130
Dry onions (Cwt)	2.0	1,100.0	8,800	1.5	690.0	5,762	1.5	750.0	7,418
Broccoli (Cwt)	11.1	1,610.0	45,080	11.9	1,785.0	81,575	11.6	1,450.0	40,310
Cauliflower (Cwt)	4.5	900.0	26,550	4.6	805.0	36,950	4.2	1,050.0	31,920
Chile Peppers (Cwt)	3.1	172.0	4,872	3.0	190.0	2,759	3.0	210.0	3,076
Cabbage (Cwt)	2.9	1,160.0	12,528	3.8	1,349.0	13,085	3.8	1,520.0	18,392
Spinach (Cwt)	3.6	432.0	13,392	4.2	714.0	21,920	5.2	780.0	17,238
Cantaloupes (Cwt)	14.6	3,942.0	70,562	14.8	4,440.0	61,272	15.2	5,624.0	87,172
Honeydews (Cwt)	2.4	660.0	13,002	2.3	713.0	11,693	3.0	975.0	14,333
Watermelons (Cwt)	6.1	2,623.0	26,755	6.0	2,640.0	21,912	5.8	2,668.0	31,482
Grapefruit (Ctn)	2.0	500.0	1,356	2.0	320.0	1,077	1.5	260.0	1,005
Lemons (Ctn)	14.8	7,200.0	24,637	14.8	5,600.0	40,938	14.8	6,000.0	29,385
Oranges (Ctn)	6.4	1,800.0	5,255	6.4	1,040.0	4,295	5.8	940.0	2,172
Tangerines (Ctn)	5.5	1,300.0	8,887	5.3	1,240.0	9,812	5.2	860.0	7,777
Grapes (Tons) 2/	3.2	15.5	8,921	2.4	8.4	7,953	2.1	8.0	8,204
Apples (Million Pounds) 2/	2.0	5.3	350	1.5	26.0	4,506	1.0	7.0	550

1/ Based on marketings and monthly prices received from August 1, 2003 - December 31, 2003.

2/ Utilized production.

Crops: Record Highs and Lows

	Date Series began	Record	-----Acreage-----		-----Yield-----			-----Production-----		
			Harvested	Year 1/	Unit	Per acre	Year 1/	Unit	Total	Year 1/
			1,000 Acres					1,000 Units		
All cotton	1912	High Low	690.0 0.4	1953 1912	Pounds	1,368.0 212.0	2002 1920	Bales	1,609.7 0.3	1981 1912
Upland cotton	1917	High Low	648.5 8.0	1953 1917	Pounds	1,410.0 228.0	1987 1922	Bales	1,556.0 7.1	1981 1917
Amer-Pima cotton	1912	High Low	244.5 0.3	1989 1947	Pounds	1,126.0 180.0	1987 1943	Bales	477.0 0.2	1989 1947
Cottonseed	1917	High Low						Tons	631 10	1981 1917
All hay	1909	High Low	332.0 98.0	1944 1909	Tons	7.86 1.97	2003 1940	Tons	2,162 237	2003 1909
Alfalfa hay	1919	High Low	237.0 82.0	1944 1920	Tons	8.50 2.20	2000 1940	Tons	1,998 238	2003 1920
All wheat	1882	High Low	431.0 11.0	1976 1883	Pounds	6,250.0 720.0	1998 1890	Tons	970 5	1976 1894
Durum wheat	1976	High Low	319.0 39.0	1976 1991	Pounds	6,300.0 4,200.0	1998 1978	Tons	718 111	1976 1991
Other wheat	1909	High Low	260.0 4.0	1975 2003	Pounds	6,300.0 870.0	1999 1941	Tons	546 9	1975 1910
Barley	1882	High Low	268.0 8.0	1954 1928	Pounds	5,760.0 1,032.0	1991 1893	Tons	334 6	1954 1928
Corn for grain	1882	High Low	50.0 3.0	1978 1887	Pounds	11,648. 515.0	2001 1944	Tons	196 2	1996 1888
Corn for silage	1919	High Low	31.0 2.0	2002 1934	Tons	28.0 5.0	2003 1935	Tons	775 10	2002 1934
Potatoes	1899	High Low	12.8 1.0	1969 1912	Cwt	315.0 18.0	1989 1900	Cwt	3,024 18	1999 1900
All oranges	1919/20	High Low						Carton	10,520 108	1968/69 1927/28
Navel oranges	1934/35	High Low						Carton	2,300 194	1968/69 1934/35
Valencia oranges	1934/35	High Low						Carton	8,220 146	1968/69 1936/37
Grapefruit	1919/20	High Low						Carton	8,200 58	1946/47 1919/20
Lemons	1958/59	High Low						Carton	14,400 680	1974/75 1958/59
Tangerines	1964/65	High Low						Carton	2,700 380	1983/84 1964/65
All grapes	1909	High Low						Tons	31,000 250	1987 1920

1/ The latest year a record was achieved. Some records were equaled in earlier years.

Field Crops

Hay: Arizona's alfalfa yield again led the nation at 8.5 tons per acre, up 0.4 tons from the 2002 crop. California was the next closest state, at 7.0 tons per acre. Nationally, alfalfa yields averaged 3.24 tons per acre. Arizona's harvested acres, at 235,000, were up 5,000 from a year earlier and the total production of 2.00 million tons was up 7 percent. Acreage of other hay cut was down 5,000 acres, for a total of 40,000 acres.

Preliminary marketing year average prices for alfalfa decreased to \$95.50 per ton, from \$100.00 the previous year. Prices for other hay during the marketing year averaged \$89.50, a decrease of \$4.00 from the previous year.

Cotton: Upland, at 215,000 planted acres, was the same as in 2002, while American-Pima, at 2,500 acres planted, was down 5,800 acres. Yields were: short staple - 1,239 pounds, down 142 pounds, and long staple - 920 pounds, down 93 pounds. National averages were: short staple - 723 pounds and long staple - 1,170 pounds.

The average price for Upland through December, 2003 was \$0.692 per pound, and American-Pima was \$1.05 per pound. U.S. prices through December, 2003 were \$0.629 for Upland and \$1.15 for American-Pima.

Corn: Acreage was decreased to 47,000 acres planted during 2003. Of the 47,000 acres, 22,000 were harvested for grain and 25,000 for silage. The average yield for grain, at 10,640 pounds per acre, was up 280 pounds from a year ago. Prices received for grain corn increased to \$114.30 per ton, up \$2.20 from the previous year.

Wheat: Acreage planted to Durum Wheat increased 22,000 acres to 115,000. Average yield, at 6,000 pounds per acre, was up 240 pounds from the 2002 crop. The average price received, at \$156.70 per ton, was up \$10.10 from last year. Nationally, the price was down \$1.70, to \$133.30 per ton.

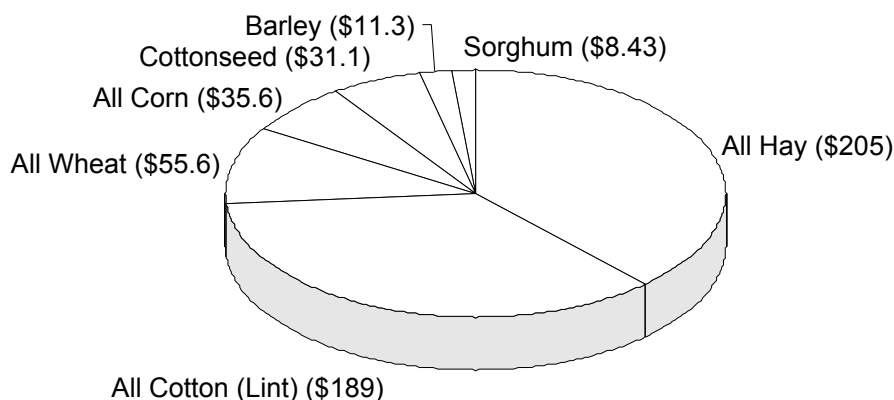
Other wheat planted acreage, at 4,000 acres, was down 2,000 acres from the previous year. Yield averaged 6,180 pounds per acre, 1,020 higher than a year earlier. Other wheat is included in winter wheat nationally. The national average yield was 2,800 pounds. Prices averaged \$123.30 per ton in Arizona and \$108.30 nationally.

Barley: Planted acreage decreased to 32,000 acres, down 14,000 acres from the previous year. Of those 32,000 acres, 30,000 acres were harvested for grain, yielding a national leading 5,660 pounds per acre, netting a production of 147,500 tons. North Dakota was the top producer with 4.95 million tons.

The marketing year average price, at \$133.30 per ton, was up \$27.00 from a year earlier. Nationally, barley prices averaged \$120.80 a ton.

Sorghum: Planted acreage in the State was 17,000, with 6,000 acres harvested for grain and 11,000 acres for silage. Average yield for grain, at 5,040 pounds per acre, increased 1,120 pounds from a year ago. Annual average price received for grain increased to \$106.00, up from last year's \$92.00 per ton.

Field Crop Value of Production
2003 Season
(Million Dollars)



Upland Cotton: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	325,000	250,000	270,000	280,000	295,000	215,000	215,000
Harvested (Acres)	324,000	248,000	269,000	278,000	290,000	213,000	213,000
Yield per harvested acre (Pounds)	1,255	1,177	1,278	1,366	1,142	1,381	1,239
Production (Bales) 1/	847,000	608,000	716,000	791,000	690,000	613,000	550,000
Marketing year average price (Cents/Pound) 2/	64.7	54.7	43.9	39.7	28.4	46.3	69.2
Value of production (1,000 Dollars) 3/	263,044	159,636	150,876	150,733	94,061	136,233	182,688

1/ 480-pound net weight bales.

2/ The 2003 estimate is based on marketings and monthly prices received from August 1, 2003 - December 31, 2003.

3/ 2003 is preliminary. The final estimate of value will be released in February, 2005.

American-Pima Cotton: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	22,000	15,900	9,000	5,000	7,800	8,300	2,500
Harvested (Acres)	22,000	15,500	8,900	4,900	7,500	8,200	2,400
Yield per harvested acre (Pounds)	912	830	879	705	928	1,013	920
Production (Bales) 1/	41,800	26,800	16,300	7,200	14,500	17,300	4,600
Marketing year average price (Cents/Pound) 2/	98.2	92.4	86.8	96.7	84.8	88.5	105.0
Value of production (1,000 Dollars) 3/	19,703	11,886	6,791	3,342	5,902	7,349	2,318

1/ 480-pound net weight bales.

2/ The 2003 estimate is based on marketings and monthly prices received from August 1, 2003 - December 31, 2003.

3/ 2003 is preliminary. The final estimate of value will be released in February, 2005.

All Cotton: Acreage, Yield, Production, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	347,000	265,900	279,000	285,000	302,800	223,300	217,500
Harvested (Acres)	346,000	263,500	277,900	282,900	297,500	221,200	215,400
Yield per harvested acre (Pounds)	1,233	1,156	1,265	1,354	1,137	1,368	1,236
Production (Bales) 1/	888,800	634,800	732,300	798,200	704,500	630,300	554,600
Value of production (1,000 Dollars) 2/	282,747	171,522	157,667	154,075	99,963	143,582	185,006

1/ 480-pound net weight bales.

2/ 2003 is preliminary. The final estimate of value will be released in February, 2005.

Cottonseed: Production, Disposition, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Production (1,000 Tons)	312.0	288.0	275.0	297.0	261.0	232.4	216.8
Farm disposition							
Sales to oil mills (1,000 Tons)	73.0	52.0	16.0	0.0	3.0	5.6	4.1
Other uses (1,000 Tons) 1/	239.0	236.0	259.0	297.0	258.0	226.8	212.7
Seed for planting (1,000 Tons) 2/ 3/	2.4	2.5	2.6	2.8	2.0	2.0	1.9
Marketing year average price (\$ per Ton)	134.00	148.00	129.00	124.00	127.00	137.00	149.00
Value of production (1,000 Dollars) 4/	41,808	42,624	35,475	36,828	33,147	31,839	32,303

1/ Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses.

2/ Included in 'other' farm disposition. Seed for planting is produced in crop year shown, but used in the following year.

3/ 2002 Revised.

4/ 2003 is preliminary. The final estimate of value will be released in February, 2005.

Upland Cotton: Acreage, Yield, and Production by County

County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production	County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production
			Pounds	Bales 1/				Pounds	Bales 1/
Apache					Mohave				
1997					1997	6,200	6,200	1,200	15,500
1998					1998	5,000	5,000	826	8,600
1999					1999	4,500	4,500	1,227	11,500
2000					2000	4,500	4,500	1,291	12,100
2001					2001	6,000	5,500	1,091	12,500
2002					2002	4,100	3,900	1,034	8,400
2003					2003	4/			
Cochise					Navajo				
1997	9,700	9,500	935	18,500	1997				
1998	3,700	3,600	1,013	7,600	1998				
1999	4,400	4,300	714	6,400	1999				
2000	3,500	3,400	918	6,500	2000				
2001	3,500	3,400	918	6,500	2001				
2002	1,800	1,700	1,016	3,600	2002				
2003	2,300	2,200	851	3,900	2003				
Coconino					Pima				
1997					1997	14,500	14,500	1,162	35,100
1998					1998	11,400	11,400	1,044	24,800
1999					1999	11,400	11,300	1,270	29,900
2000					2000	12,500	12,300	1,335	34,200
2001					2001	20,500	20,000	1,032	43,000
2002					2002	12,100	11,900	1,218	30,200
2003					2003	13,100	12,900	927	24,900
Gila					Pinal				
1997					1997	114,100	113,900	1,256	298,000
1998					1998	96,100	95,400	1,222	242,900
1999					1999	106,600	106,300	1,331	294,800
2000					2000	107,000	106,400	1,398	309,900
2001					2001	119,000	117,700	1,155	283,300
2002					2002	98,500	98,200	1,463	299,300
2003					2003	91,100	91,000	1,350	256,000
Graham					Santa Cruz				
1997	9,900	9,900	1,018	21,000	1997				
1998	15,300	15,300	1,227	39,100	1998				
1999 2/	19,700	19,600	1,102	45,000	1999				
2000 2/	24,100	23,900	1,283	63,900	2000				
2001 2/	24,500	23,900	1,048	52,200	2001				
2002 2/	21,800	21,500	1,264	56,600	2002				
2003	22,000	21,500	1,014	45,400	2003				
Greenlee					Yavapai				
1997	2,000	2,000	672	2,800	1997				
1998	1,000	1,000	864	1,800	1998				
1999	3/				1999				
2000	3/				2000				
2001	3/				2001				
2002	3/				2002				
2003	4/				2003				
La Paz					Yuma				
1997	25,200	25,200	1,219	64,000	1997	25,000	24,900	1,465	76,000
1998	15,200	15,200	1,203	38,100	1998	20,300	20,300	977	41,300
1999	16,900	16,900	1,292	45,500	1999	22,400	22,400	1,251	58,400
2000	18,000	17,900	1,378	51,400	2000	25,400	25,300	1,385	73,000
2001	17,500	17,000	1,200	42,500	2001	26,000	25,500	1,129	60,000
2002	12,200	12,000	1,248	31,200	2002	18,200	17,900	1,397	52,100
2003	16,100	16,000	1,350	45,000	2003	24,600	24,500	1,254	64,000
Maricopa					Arizona				
1997	118,400	117,900	1,287	316,100	1997	325,000	324,000	1,255	847,000
1998	81,000	79,800	1,214	201,800	1998	250,000	248,000	1,177	608,000
1999	84,100	83,700	1,287	224,500	1999	270,000	269,000	1,278	716,000
2000	85,000	84,300	1,367	240,000	2000	280,000	278,000	1,366	791,000
2001	78,000	77,000	1,184	190,000	2001	295,000	290,000	1,142	690,000
2002	46,300	45,900	1,376	131,600	2002	215,000	213,000	1,381	613,000
2003	40,700	39,800	1,206	100,000	2003	215,000	213,000	1,239	550,000

1/ 480-pound net weight bales.

2/ Includes Greenlee County.

3/ Included in Graham County.

4/ Not published to avoid disclosure of individual operations.

American-Pima Cotton: Acreage, Yield, and Production by County

County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production	County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production
			Pounds	Bales 1/				Pounds	Bales 1/
Apache					Mohave				
1997					1997	2/			
1998					1998				
1999					1999				
2000					2000				
2001					2001				
2002					2002				
2003					2003				
Cochise					Navajo				
1997	2/				1997				
1998	2/				1998				
1999	2/				1999				
2000	2/				2000				
2001	2/				2001				
2002	2/				2002				
2003	2/				2003				
Coconino					Pima				
1997					1997	2/			
1998					1998	2/			
1999					1999	2/			
2000					2000	2/			
2001					2001	2/			
2002					2002	2/			
2003					2003	2/			
Gila					Pinal				
1997					1997	5,800	5,800	877	10,600
1998					1998	3,400	3,400	805	5,700
1999					1999	1,400	1,300	665	1,800
2000					2000	1,400	1,400	549	1,600
2001					2001	3,400	3,300	844	5,800
2002					2002	2,800	2,800	994	5,800
2003					2003	3/			
Graham					Santa Cruz				
1997	5,700	5,700	825	9,800	1997				
1998	3,700	3,600	1,013	7,600	1998				
1999	3,900	3,900	825	6,700	1999				
2000	1,500	1,500	672	2,100	2000				
2001	1,000	1,000	864	1,800	2001				
2002	1,400	1,400	926	2,700	2002				
2003	3/				2003				
Greenlee					Yavapai				
1997	2/				1997				
1998					1998	2/			
1999					1999				
2000					2000				
2001					2001				
2002					2002				
2003					2003				
La Paz					Yuma				
1997	2/				1997	3,500	3,500	1,111	8,100
1998	2/				1998	3,000	2,800	771	4,500
1999	1,300	1,300	1,108	3,000	1999	1,800	1,800	1,093	4,100
2000	2/				2000	1,300	1,300	886	2,400
2001	2/				2001	1,400	1,300	1,034	2,800
2002	2/				2002	2,100	2,100	1,120	4,900
2003	3/				2003	3/			
Maricopa					Arizona				
1997	6,000	6,000	920	11,500	1997	22,000	22,000	912	41,800
1998	4,000	4,000	804	6,700	1998	15,900	15,500	830	26,800
1999	2/				1999	9,000	8,900	879	16,300
2000	2/				2000	5,000	4,900	705	7,200
2001	2/				2001	7,800	7,500	928	14,500
2002	2/				2002	8,300	8,200	1,013	17,300
2003	3/				2003	2,500	2,400	920	4,600

1/ Production estimates are for 480-pound net weight bales.

2/ Acres harvested too small to warrant an estimate.

3/ Not published to avoid disclosure of individual operations.

All Cotton: Acreage, Yield, and Production by County

County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production	County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production
			Pounds	Bales 1/				Pounds	Bales 1/
Apache					Mohave				
1997					1997	3/			
1998					1998	5,000	5,000	826	8,600
1999					1999	4,500	4,500	1,227	11,500
2000					2000	4,500	4,500	1,291	12,100
2001					2001	6,000	5,500	1,091	12,500
2002					2002	4,100	3,900	1,034	8,400
2003					2003	3/			
Cochise					Navajo				
1997	3/				1997				
1998	3/				1998				
1999	4,400	4,300	714	6,400	1999				
2000	3/				2000				
2001	3/				2001				
2002	3/				2002				
2003	3/				2003				
Coconino					Pima				
1997					1997	3/			
1998					1998	3/			
1999					1999	3/			
2000					2000	3/			
2001					2001	3/			
2002					2002	3/			
2003					2003	3/			
Gila					Pinal				
1997					1997	119,900	119,700	1,237	308,600
1998					1998	99,500	98,800	1,208	248,600
1999					1999	108,000	107,600	1,323	296,600
2000					2000	108,400	107,800	1,387	311,500
2001					2001	122,400	121,000	1,147	289,100
2002					2002	101,300	101,000	1,450	305,100
2003					2003	3/			
Graham					Santa Cruz				
1997	15,600	15,600	948	30,800	1997				
1998	19,000	18,900	1,186	46,700	1998				
1999 2/	22,900	22,800	1,063	50,500	1999				
2000 2/	26,100	25,300	1,252	66,000	2000				
2001 2/	25,500	24,900	1,041	54,000	2001				
2002 2/	23,200	22,900	1,243	59,300	2002				
2003	3/				2003				
Greenlee					Yavapai				
1997	3/				1997				
1998	1,000	1,000	864	1,800	1998	3/			
1999	3/				1999				
2000	3/				2000				
2001	3/				2001				
2002	3/				2002				
2003	3/				2003				
La Paz					Yuma				
1997	3/				1997	28,500	28,400	1,421	84,100
1998	3/				1998	23,300	23,100	952	45,800
1999	18,200	18,200	1,279	48,500	1999	24,200	24,200	1,240	62,500
2000	3/				2000	26,700	26,600	1,361	75,400
2001	3/				2001	27,400	26,800	1,125	62,800
2002	3/				2002	20,300	20,000	1,368	57,000
2003	3/				2003	3/			
Maricopa					Arizona				
1997	124,400	123,900	1,269	327,600	1997	347,000	346,000	1,233	888,800
1998	85,000	83,800	1,194	208,500	1998	265,900	263,500	1,156	634,800
1999	3/				1999	279,000	277,900	1,265	732,300
2000	3/				2000	285,000	282,900	1,354	798,200
2001	3/				2001	302,800	297,500	1,137	704,500
2002	3/				2002	223,300	221,200	1,368	630,300
2003	3/				2003	217,500	215,400	1,236	554,600

1/ Production estimates are for 480-pound net weight bales.

2/ Includes Greenlee County.

3/ Not published to avoid disclosure of individual operations.

Upland Cotton: Monthly and Marketing Year Average Prices Received by Growers

	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04
August	1/	1/	40.9	1/	32.9	1/	1/
September	69.2	63.0	1/	1/	1/	1/	1/
October	66.6	61.3	44.0	54.4	1/	1/	70.4
November	65.0	61.0	40.9	1/	1/	43.2	70.4
December	64.0	66.4	39.4	55.1	28.0	47.8	1/
January	60.6	54.7	44.8	1/	26.3	48.1	64.7
February	60.9	51.9	47.0	1/	1/	48.8	63.8
March	61.4	48.9	1/	1/	1/	1/	67.9
April	58.3	51.0	1/	1/	1/	1/	1/
May	58.2	1/	1/	1/	1/	1/	1/
June	70.3	1/	1/	1/	1/	1/	2/
July	1/	44.3	1/	1/	1/	1/	2/
Marketing year average	64.7	54.7	43.9	39.7	28.4	46.3	2/

1/ Sales insufficient to establish a price or not published due to non-disclosure rules.

2/ Not available.

Cottonseed: Monthly and Marketing Year Average Prices Received by Growers

	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04
	-----Dollars per Ton-----						
August	1/	1/	1/	1/	1/	2/	1/
September	150	1/	1/	1/	1/	1/	151
October	130	149	138	131	132	148	158
November	137	144	132	127	128	136	146
December	135	152	126	120	127	137	148
January	130	148	124	124	120	130	148
February	1/	142	126	116	116	122	1/
Marketing year average	134	148	129	124	127	137	149

1/ Sales insufficient to establish a price or not published due to non-disclosure rules.

2/ Insufficient movement to establish a price.

All Hay: Acreage, Yield, Production, Price, and Value 1/

	1997	1998	1999	2000	2001	2002	2003
Harvested (Acres)	230,000	240,000	240,000	247,000	258,000	275,000	275,000
Yield per acre (Tons)	7.42	7.25	7.30	7.57	7.22	7.40	7.86
Production (1,000 Tons)	1,706	1,740	1,752	1,870	1,862	2,034	2,162
Marketing year average price (\$ per Ton) 2/	111.00	89.50	88.50	94.00	99.00	99.50	95.50
Value of production (1,000 Dollars)	187,594	154,190	153,434	174,688	183,273	202,289	205,487

1/ Does not include green chop or grazed.

2/ Average price for the April through March marketing season.

All Hay: Monthly and Marketing Year Average Prices Received by Growers 1/

	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04 2/
	----- Dollars per Ton -----						
April	140.00	115.00	94.00	94.00	100.00	103.00	94.00
May	127.00	108.00	103.00	96.00	101.00	104.00	100.00
June	106.00	104.00	94.00	99.00	102.00	106.00	98.00
July	103.00	84.00	86.00	95.00	103.00	100.00	90.00
August	96.00	71.00	86.00	93.00	99.00	94.00	87.00
September	88.00	67.00	75.00	90.00	96.00	94.00	84.00
October	98.00	65.00	84.00	92.00	90.00	93.00	83.00
November	97.00	68.00	82.00	90.00	93.00	103.00	83.00
December	105.00	72.00	76.00	90.00	96.00	95.00	80.00
January	110.00	80.00	81.00	89.00	105.00	94.00	85.00
February	107.00	89.00	83.00	92.00	93.00	100.00	85.00
March	105.00	105.00	89.00	95.00	100.00	98.00	84.00
Marketing year average	111.00	89.50	88.50	94.00	99.00	99.50	95.50

1/ Does not include green chop or grazed.

2/ Preliminary for 2003/04.

Alfalfa Hay: Monthly and Marketing Year Average Prices Received by Growers 1/

	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04 2/
	----- Dollars per Ton -----						
April	141.00	115.00	94.00	94.00	100.00	103.00	94.00
May	127.00	109.00	103.00	97.00	101.00	105.00	100.00
June	106.00	104.00	94.00	99.00	102.00	107.00	98.00
July	104.00	84.00	86.00	95.00	103.00	101.00	90.00
August	96.00	70.00	86.00	93.00	99.00	95.00	88.00
September	90.00	67.00	75.00	90.00	96.00	95.00	85.00
October	99.00	64.00	84.00	92.00	90.00	93.00	83.00
November	100.00	68.00	82.00	90.00	93.00	103.00	83.00
December	106.00	73.00	76.00	90.00	96.00	95.00	80.00
January	110.00	80.00	81.00	89.00	105.00	94.00	85.00
February	108.00	90.00	83.00	93.00	93.00	100.00	85.00
March	105.00	105.00	89.00	96.00	100.00	98.00	84.00
Marketing year average	112.00	89.50	89.00	94.00	99.00	100.00	95.50

1/ Does not include green chop or grazed.

2/ Preliminary for 2003/04.

Other Hay: Monthly and Marketing Year Average Prices Received by Growers 1/

	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04 2/
	----- Dollars per Ton -----						
April	74.00	3/	70.00	84.00	90.00	96.00	87.00
May	132.00	61.00	88.00	86.00	92.00	97.00	95.00
June	98.00	86.00	85.00	90.00	93.00	99.00	90.00
July	95.00	114.00	82.00	92.00	94.00	95.00	85.00
August	94.00	100.00	63.00	90.00	90.00	89.00	82.00
September	80.00	63.00	80.00	88.00	90.00	90.00	80.00
October	67.00	89.00	65.00	90.00	86.00	90.00	85.00
November	68.00	90.00	82.00	87.00	89.00	92.00	80.00
December	80.00	66.00	65.00	89.00	93.00	90.00	78.00
January	102.00	70.00	58.00	83.00	103.00	91.00	80.00
February	91.00	80.00	76.00	84.00	93.00	93.00	80.00
March	86.00	95.00	80.00	86.00	95.00	90.00	79.00
Marketing year average	88.50	78.50	74.50	87.50	91.50	93.50	89.50

1/ Does not include green chop or grazed.

2/ Preliminary for 2003/04.

3/ Sales insufficient to establish a price or not published due to non-disclosure rules.

Alfalfa Hay: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
	----- Tons -----				----- Tons -----		
Apache				Mohave			
1997	2/			1997	5,800	6.90	40,000
1998	2/			1998	5,600	8.00	44,800
1999	2/			1999	5,400	7.46	40,300
2000	2/			2000	5,600	8.04	45,000
2001	2/			2001	6,300	6.35	40,000
2002	2/			2002	7,000	6.86	48,000
2003	2/			2003	6,000	7.33	44,000
Cochise				Navajo			
1997	2/			1997	2/		
1998	4,200	7.50	31,500	1998	2/		
1999	4,500	6.44	29,000	1999	2/		
2000	6,000	6.50	39,000	2000	2/		
2001	6,300	7.56	47,600	2001	2/		
2002	8,000	7.75	62,000	2002	2/		
2003	9,000	8.33	75,000	2003	2/		
Coconino				Pima			
1997	2/			1997	2/		
1998	2/			1998	2/		
1999	2/			1999	2/		
2000	2/			2000	2/		
2001	2/			2001	2/		
2002	2/			2002	2/		
2003	2/			2003	2/		
Gila				Pinal			
1997	2/			1997	22,500	8.40	189,000
1998	2/			1998	24,800	8.00	198,200
1999	2/			1999	24,500	8.45	207,000
2000	2/			2000	26,700	8.54	228,000
2001	2/			2001	27,900	8.24	230,000
2002	2/			2002	35,000	8.71	305,000
2003	2/			2003	40,000	9.50	380,000
Graham				Santa Cruz			
1997	2/			1997	2/		
1998	2/			1998	2/		
1999	2/			1999	2/		
2000	2/			2000	2/		
2001	2/			2001	2/		
2002	2/			2002	2/		
2003	2/			2003	2/		
Greenlee				Yavapai			
1997	2/			1997	2/		
1998	2/			1998	2/		
1999	2/			1999	2/		
2000	2/			2000	2/		
2001	2/			2001	2/		
2002	2/			2002	2/		
2003	2/			2003	2/		
La Paz				Yuma			
1997	54,300	8.50	461,600	1997	31,100	9.00	279,800
1998	63,200	8.50	537,200	1998	31,000	7.70	238,700
1999	61,500	7.76	477,000	1999	30,000	8.30	249,000
2000	59,000	8.47	500,000	2000	30,000	8.67	260,000
2001	61,100	8.38	512,000	2001	31,500	8.25	260,000
2002	63,000	7.94	500,000	2002	32,000	8.62	275,700
2003	61,000	8.03	490,000	2003	31,000	9.68	300,000
Maricopa				Arizona			
1997	56,000	8.40	470,400	1997	190,000	8.20	1,558,000
1998	59,000	8.00	472,000	1998	200,000	8.00	1,600,000
1999	62,000	8.18	507,000	1999	200,000	7.90	1,580,000
2000	65,000	8.46	550,000	2000	205,000	8.30	1,702,000
2001	66,700	8.10	540,000	2001	215,000	8.00	1,720,000
2002	69,000	8.26	570,000	2002	230,000	8.10	1,863,000
2003	74,000	8.24	610,000	2003	235,000	8.50	1,998,000

1/ Does not include green chop or grazed.

2/ Acres harvested too small to warrant estimate.

Other Hay: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
	----- Tons -----				----- Tons -----		
Apache				Mohave			
1997	2/			1997	1,500	3.60	5,400
1998	2/			1998	1,900	4.00	7,600
1999	2/			1999	1,200	4.58	5,500
2000	2/			2000	1,000	4.50	4,500
2001	2/			2001	2,000	2.50	5,000
2002	2/			2002	2,000	4.25	8,500
2003	2/			2003	1,500	4.67	7,000
Cochise				Navajo			
1997	2/			1997	2/		
1998	1,200	3.00	3,600	1998	2/		
1999	1,400	4.07	5,700	1999	2/		
2000	1,900	3.68	7,000	2000	2/		
2001	2,500	3.52	8,800	2001	2/		
2002	2,600	3.54	9,200	2002	2/		
2003	3,000	3.50	10,500	2003	2/		
Coconino				Pima			
1997	2/			1997	2/		
1998	2/			1998	2/		
1999	2/			1999	2/		
2000	2/			2000	2/		
2001	2/			2001	2/		
2002	2/			2002	2/		
2003	2/			2003	2/		
Gila				Pinal			
1997	2/			1997	3,700	3.00	11,100
1998	2/			1998	2,500	3.00	7,500
1999	2/			1999	2,600	3.85	10,000
2000	2/			2000	2,600	3.46	9,000
2001	2/			2001	3,600	3.36	12,100
2002	2/			2002	3,800	3.95	15,000
2003	2/			2003	3,000	4.67	14,000
Graham				Santa Cruz			
1997	2/			1997	2/		
1998	2/			1998	2/		
1999	2/			1999	2/		
2000	2/			2000	2/		
2001	2/			2001	2/		
2002	2/			2002	2/		
2003	2/			2003	2/		
Greenlee				Yavapai			
1997	2/			1997	2/		
1998	2/			1998	2/		
1999	2/			1999	2/		
2000	2/			2000	2/		
2001	2/			2001	2/		
2002	2/			2002	2/		
2003	2/			2003	2/		
La Paz				Yuma			
1997	6,100	4.00	24,400	1997	16,600	3.50	58,100
1998	6,400	4.50	28,800	1998	17,900	3.00	53,700
1999	3,800	5.26	20,000	1999	20,500	4.00	82,000
2000	5,900	3.97	23,400	2000	20,000	4.07	81,400
2001	5,200	2.88	15,000	2001	17,000	3.77	64,100
2002	5,400	3.70	20,000	2002	18,000	3.94	71,000
2003	4,000	4.50	18,000	2003	18,000	4.17	75,000
Maricopa				Arizona			
1997	7,200	4.50	32,400	1997	40,000	3.70	148,000
1998	6,700	4.00	26,800	1998	40,000	3.50	140,000
1999	7,900	4.81	38,000	1999	40,000	4.30	172,000
2000	7,600	4.34	33,000	2000	42,000	4.00	168,000
2001	7,200	3.33	24,000	2001	43,000	3.30	142,000
2002	7,500	3.87	29,000	2002	45,000	3.80	171,000
2003	6,000	3.83	23,000	2003	40,000	4.10	164,000

1/ Does not include green chop or grazed.

2/ Acres harvested too small to warrant estimate.

All Hay: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
----- Tons -----				----- Tons -----			
Apache				Mohave			
1997	3,900	3.08	12,000	1997	7,300	6.22	45,400
1998	2,900	3.07	8,900	1998	7,500	6.99	52,400
1999	3,400	3.79	12,900	1999	6,600	6.94	45,800
2000	3,500	3.80	13,300	2000	6,600	7.50	49,500
2001	5,700	4.04	23,000	2001	8,300	5.42	45,000
2002	6,500	4.75	30,900	2002	9,000	6.28	56,500
2003	5,500	5.09	28,000	2003	7,500	6.80	51,000
Cochise				Navajo			
1997	6,800	6.21	42,200	1997	3,100	4.16	12,900
1998	5,400	6.50	35,100	1998	3,800	5.61	21,300
1999	5,900	5.88	34,700	1999	3,100	4.71	14,600
2000	7,900	5.82	46,000	2000	3,100	5.26	16,300
2001	8,800	6.41	56,400	2001	5,200	3.75	19,500
2002	10,600	6.72	71,200	2002	3,800	5.11	19,400
2003	12,000	7.13	85,500	2003	3,400	4.88	16,600
Coconino				Pima			
1997	1,000	4.10	4,100	1997	2,200	6.91	15,200
1998	1,000	4.20	4,200	1998	1,600	7.00	11,200
1999	2/			1999	1,700	7.00	11,900
2000	2/			2000	1,900	7.42	14,100
2001	2/			2001	2,000	7.20	14,400
2002	2/			2002	1,900	7.16	13,600
2003	2/			2003	1,700	7.59	12,900
Gila				Pinal			
1997	2/			1997	26,200	7.64	200,100
1998	2/			1998	27,300	7.54	205,900
1999	2/			1999	27,100	8.01	217,000
2000	2/			2000	29,300	8.09	237,000
2001	1,100	6.45	7,100	2001	31,500	7.69	242,100
2002	1,100	5.73	6,300	2002	38,800	8.25	320,000
2003	1,000	5.60	5,600	2003	43,000	9.16	394,000
Graham				Santa Cruz			
1997	4,100	6.54	26,800	1997	2/		
1998	3,600	7.67	27,600	1998	2/		
1999	3,200	7.78	24,900	1999	2/		
2000	3,800	7.32	27,800	2000	2/		
2001	4,200	6.50	27,300	2001	2/		
2002	5,100	6.39	32,600	2002	2/		
2003	4,300	8.47	36,400	2003	2/		
Greenlee				Yavapai			
1997	2/			1997	2,500	4.44	11,100
1998	2/			1998	1,600	5.00	8,000
1999	2/			1999	1,100	5.27	5,800
2000	2/			2000	1,800	4.44	8,000
2001	2/			2001	1,200	4.25	5,100
2002	1,300	6.85	8,900	2002	1,600	4.56	7,300
2003	2/			2003	1,300	5.54	7,200
La Paz				Yuma			
1997	60,400	8.05	486,000	1997	47,700	7.08	337,000
1998	69,600	8.13	566,000	1998	48,900	5.98	292,400
1999	65,300	7.61	497,000	1999	50,500	6.55	331,000
2000	64,900	8.06	523,400	2000	50,000	6.83	341,400
2001	66,300	7.95	527,000	2001	48,500	6.68	324,100
2002	68,400	7.60	520,000	2002	50,000	6.93	346,700
2003	65,000	7.82	508,000	2003	49,000	7.65	375,000
Maricopa				Arizona			
1997	63,200	7.96	502,800	1997	230,000	7.42	1,706,000
1998	65,700	7.59	498,800	1998	240,000	7.25	1,740,000
1999	69,900	7.80	545,000	1999	240,000	7.30	1,752,000
2000	72,600	8.03	583,000	2000	247,000	7.57	1,870,000
2001	73,900	7.63	564,000	2001	258,000	7.22	1,862,000
2002	76,500	7.83	599,000	2002	275,000	7.40	2,034,000
2003	80,000	7.91	633,000	2003	275,000	7.86	2,162,000

1/ Does not include green chop or grazed.

2/ Acres harvested too small to warrant estimate.

Durum Wheat: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted for all purposes (Acres)	90,000	145,000	75,000	85,000	88,000	93,000	115,000
For Grain							
Harvested (Acres)	89,000	144,000	75,000	85,000	87,000	93,000	115,000
Yield per acre (Pounds) 1/	5,400	6,300	5,820	5,700	5,460	5,760	6,000
Production (Tons) 1/	240,300	453,600	218,250	242,250	237,510	267,850	345,000
Marketing year average price (\$ per Ton) 2/ 3/	156.70	150.00	133.30	116.70	131.70	146.70	156.70
Value of production (1,000 Dollars)	37,647	68,040	29,100	28,263	31,272	39,292	54,050

1/ Converted from 60-pound bushels.

2/ Average price for the May through April marketing season.

3/ Final price and value for 1998-2002 will be released October, 2004.

Other Wheat: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted for all purposes (Acres)	10,000	8,000	11,000	7,000	6,000	6,000	4,000
For Grain							
Harvested (Acres)	9,000	8,000	10,000	7,000	6,000	6,000	4,000
Yield per acre (Pounds) 1/	5,100	5,400	6,300	6,000	6,000	5,160	6,180
Production (Tons) 1/	22,950	21,600	31,500	21,000	18,000	15,480	12,360
Marketing year average price (\$ per Ton) 2/ 3/	135.00	108.30	100.00	96.00	108.30	125.00	123.30
Value of production (1,000 Dollars)	3,098	2,340	3,150	2,016	1,950	1,935	1,524

1/ Converted from 60-pound bushels.

2/ Average price for the May through April marketing season.

3/ Final price and value for 1998-2002 will be released October, 2004.

All Wheat: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted for all purposes (Acres)	100,000	153,000	86,000	92,000	94,000	99,000	119,000
For Grain							
Harvested (Acres)	98,000	152,000	85,000	92,000	93,000	99,000	119,000
Yield per acre (Pounds) 1/	5,372	6,253	5,876	5,723	5,495	5,724	6,006
Production (Tons) 1/	263,250	475,200	249,750	263,250	255,510	283,320	357,360
Marketing year average price (\$ per Ton) 2/ 3/	156.70	146.70	133.30	115.00	131.70	145.50	156.70
Value of production (1,000 Dollars)	40,745	70,380	32,250	30,279	33,222	41,227	55,574

1/ Converted from 60-pound bushels.

2/ Average price for the May through April marketing season.

3/ Final price and value for 1998-2002 will be released October, 2004.

Barley: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted for all purposes (Acres)	70,000	58,000	63,000	40,000	42,000	46,000	32,000
For Grain							
Harvested (Acres)	67,000	56,000	62,000	36,000	40,000	40,000	30,000
Yield per acre (Pounds) 1/	4,896	5,280	5,472	5,472	5,280	5,280	5,664
Production (Tons) 1/	164,016	147,840	169,632	98,496	105,600	105,600	84,960
Marketing year average price (\$ per Ton) 2/ 3/	120.80	102.10	100.00	100.80	100.00	106.30	133.30
Value of production (1,000 Dollars)	19,819	15,092	16,963	9,932	10,560	11,220	11,328

1/ Converted from 48-pound bushels.

2/ Average price for the May through April marketing season.

3/ Final price and value for 1998-2002 will be released October, 2004.

Durum Wheat: Acreage, Yield, and Production by County

County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production	County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production
			Pounds 1/	Tons 1/				Pounds 1/	Tons 1/
Apache					Mohave				
1997					1997				
1998					1998	2/			
1999					1999				
2000					2000				
2001					2001				
2002					2002				
2003					2003				
Cochise					Navajo				
1997	2/				1997	2/			
1998	2/				1998	2/			
1999	2/				1999				
2000	2/				2000				
2001	2/				2001				
2002	2/				2002				
2003	3,500	3,500	5,910	10,350	2003				
Coconino					Pima				
1997					1997	2/			
1998	2/				1998	2/			
1999					1999	2/			
2000					2000	3,800	3,800	5,050	9,600
2001					2001	4,200	4,200	4,660	9,790
2002					2002	5,500	5,500	5,400	14,850
2003					2003	7,000	7,000	5,660	19,800
Gila					Pinal				
1997					1997	26,600	26,600	4,800	63,840
1998					1998	44,000	43,800	5,660	123,950
1999					1999	16,400	16,400	5,700	46,740
2000	2/				2000	19,700	19,700	5,120	50,400
2001	2/				2001	20,700	20,300	5,180	52,580
2002					2002	22,800	22,800	5,920	67,500
2003	2/				2003	33,500	33,500	6,000	100,500
Graham					Santa Cruz				
1997	2/				1997				
1998	2/				1998				
1999	2/				1999				
2000	2/				2000				
2001	2/				2001				
2002	2/				2002				
2003	1,000	1,000	5,920	2,960	2003				
Greenlee					Yavapai				
1997					1997				
1998	2/				1998	2/			
1999	2/				1999				
2000	2/				2000	2/			
2001	2/				2001	2/			
2002					2002	2/			
2003	2/				2003				
La Paz					Yuma				
1997	4,600	4,500	5,460	12,290	1997	30,400	29,800	5,820	86,720
1998	11,200	11,100	6,200	34,410	1998	41,600	41,300	6,980	144,140
1999	4,800	4,800	5,820	13,970	1999	35,300	35,300	5,880	103,780
2000	6,500	6,500	5,680	18,450	2000	38,600	38,600	6,100	117,690
2001	5,100	5,100	5,770	14,720	2001	36,800	36,400	5,750	104,650
2002	5,600	5,600	5,560	15,570	2002	44,300	44,300	5,790	128,160
2003	8,000	8,000	6,080	24,300	2003	46,000	46,000	6,160	141,740
Maricopa					Arizona				
1997	25,200	25,100	5,520	69,280	1997	90,000	89,000	5,400	240,300
1998	40,900	40,700	6,430	130,850	1998	145,000	144,000	6,300	453,600
1999	12,000	12,000	5,940	35,640	1999	75,000	75,000	5,820	218,250
2000	14,900	14,900	5,800	43,200	2000	85,000	85,000	5,700	242,250
2001	20,300	20,000	5,340	53,400	2001	88,000	87,000	5,460	237,510
2002	14,100	14,100	5,670	39,990	2002	93,000	93,000	5,760	267,850
2003	15,600	15,600	5,690	44,400	2003	115,000	115,000	6,000	345,000

1/ Converted from 60-pound bushels and rounded. Numbers may not add due to rounding.

2/ Not published to avoid disclosure or less than 1,000 acres.

Other Wheat: Acreage, Yield, and Production by County

County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production	County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production
			Pounds 1/	Tons 1/				Pounds 1/	Tons 1/
Apache					Mohave				
1997					1997	2/			
1998					1998				
1999					1999				
2000					2000				
2001					2001				
2002	2/				2002				
2003					2003				
Cochise					Navajo				
1997	2/				1997				
1998	2/				1998				
1999	2/				1999				
2000	2/				2000	2/			
2001	2/				2001	2/			
2002					2002	2/			
2003	2/				2003				
Coconino					Pima				
1997	2/				1997	2/			
1998	2/				1998	2/			
1999					1999	2/			
2000					2000	2/			
2001					2001	2/			
2002					2002	2/			
2003					2003	2/			
Gila					Pinal				
1997					1997	1,600	1,200	4,870	2,920
1998					1998	1,100	1,100	5,270	2,900
1999					1999	1,300	1,100	6,180	3,400
2000					2000	2/			
2001					2001	2/			
2002					2002	2/			
2003					2003	2/			
Graham					Santa Cruz				
1997	2/				1997				
1998	2/				1998				
1999	2/				1999				
2000	2/				2000				
2001	2/				2001				
2002	2/				2002				
2003	2/				2003				
Greenlee					Yavapai				
1997					1997				
1998					1998	2/			
1999					1999				
2000					2000				
2001					2001				
2002	2/				2002	2/			
2003					2003				
La Paz					Yuma				
1997	2,100	1,800	5,460	4,910	1997	2,000	1,900	5,280	5,020
1998	1,500	1,500	5,940	4,460	1998	2,000	2,000	5,670	5,670
1999	4,500	4,100	6,540	13,410	1999	1,400	1,300	6,420	4,170
2000	1,700	1,700	6,020	5,120	2000	1,800	1,800	6,020	5,420
2001	2,100	2,100	5,990	6,290	2001	1,600	1,600	6,080	4,860
2002	2/				2002	1,200	1,200	5,300	3,180
2003	2/				2003	2/			
Maricopa					Arizona				
1997	3,600	3,500	4,980	8,720	1997	10,000	9,000	5,100	22,950
1998	3,000	3,000	5,390	8,090	1998	8,000	8,000	5,400	21,600
1999	2,200	2,100	6,060	6,360	1999	11,000	10,000	6,300	31,500
2000	1,800	1,800	6,070	5,460	2000	7,000	7,000	6,000	21,000
2001	1,200	1,200	5,950	3,570	2001	6,000	6,000	6,000	18,000
2002	2/				2002	6,000	6,000	5,160	15,480
2003	2,100	2,100	6,140	6,450	2003	4,000	4,000	6,180	12,360

1/ Converted from 60-pound bushels and rounded. Numbers may not add due to rounding.

2/ Not published to avoid disclosure or less than 1,000 acres.

All Wheat: Acreage, Yield, and Production by County

County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production	County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production
			Pounds 1/	Tons 1/				Pounds 1/	Tons 1/
Apache					Mohave				
1997					1997	2/			
1998					1998	2/			
1999					1999				
2000					2000				
2001					2001				
2002	2/				2002				
2003					2003				
Cochise					Navajo				
1997	2/				1997	2/			
1998	2/				1998	2/			
1999	1,200	1,100	5,870	3,230	1999				
2000	1,300	1,300	4,940	3,210	2000	2/			
2001	2/				2001	2/			
2002	2/				2002	2/			
2003	2/				2003				
Coconino					Pima				
1997	2/				1997	2,850	2,750	5,390	7,410
1998	2/				1998	5,700	5,600	5,670	15,880
1999					1999	5,900	5,800	5,510	15,970
2000					2000	2/			
2001					2001	2/			
2002					2002	2/			
2003					2003	2/			
Gila					Pinal				
1997					1997	28,200	27,800	4,800	66,760
1998					1998	45,100	44,900	5,650	126,850
1999					1999	17,700	17,500	5,730	50,140
2000	2/				2000	2/			
2001	2/				2001	2/			
2002					2002	2/			
2003	2/				2003	2/			
Graham					Santa Cruz				
1997	2/				1997				
1998	2/				1998				
1999					1999				
2000	2/				2000				
2001	2/				2001				
2002	2/				2002				
2003	2/				2003				
Greenlee					Yavapai				
1997					1997				
1998	2/				1998	2/			
1999	2/				1999				
2000	2/				2000	2/			
2001	2/				2001	2/			
2002	2/				2002	2/			
2003	2/				2003				
La Paz					Yuma				
1997	6,700	6,300	5,460	17,200	1997	32,400	31,700	5,790	91,740
1998	12,700	12,600	6,170	38,870	1998	43,600	43,300	6,920	149,810
1999	9,300	8,900	6,150	27,380	1999	36,700	36,600	5,900	107,950
2000	8,200	8,200	5,750	23,570	2000	40,400	40,400	6,090	123,110
2001	7,200	7,200	5,840	21,010	2001	38,400	38,000	5,760	109,510
2002	2/				2002	45,500	45,500	5,800	132,030
2003	2/				2003	2/			
Maricopa					Arizona				
1997	28,800	28,600	5,450	78,000	1997	100,000	98,000	5,370	263,250
1998	43,900	43,700	6,360	138,940	1998	153,000	152,000	6,250	475,200
1999	14,200	14,100	5,960	42,000	1999	86,000	85,000	5,870	249,750
2000	16,700	16,700	5,830	48,660	2000	92,000	92,000	5,720	263,250
2001	21,500	21,200	5,370	56,970	2001	94,000	93,000	5,490	255,510
2002	2/				2002	99,000	99,000	5,720	283,320
2003	17,700	17,700	5,750	50,850	2003	119,000	119,000	6,006	357,360

1/ Converted from 60-pound bushels and rounded. Numbers may not add due to rounding.

2/ Not published to avoid disclosure or less than 1,000 acres.

Barley: Acreage, Yield, and Production by County

County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production	County and Year	Planted Acres	Harvested Acres	Yield per Acre	Production
			Pounds 1/	Tons 1/				Pounds 1/	Tons 1/
Apache					Mohave				
1997					1997				
1998	2/				1998				
1999	2/				1999	2/			
2000	2/				2000	2/			
2001					2001	2/			
2002	2/				2002				
2003					2003	2/			
Cochise					Navajo				
1997	2,700	2,500	5,230	6,540	1997				
1998	3,200	3,100	5,320	8,250	1998	2/			
1999	4,000	4,000	5,040	10,080	1999				
2000	4,900	4,400	5,360	11,780	2000				
2001	4,000	3,700	5,320	9,840	2001				
2002	2,200	2,000	5,230	5,230	2002				
2003	2,100	2,000	5,760	5,760	2003				
Coconino					Pima				
1997					1997	1,500	1,400	4,750	3,330
1998	2/				1998	1,200	1,200	5,300	3,180
1999	2/				1999	1,700	1,600	5,280	4,220
2000					2000	1,000	1,000	5,520	2,760
2001					2001	1,800	1,700	4,520	3,840
2002					2002	1,700	1,500	4,260	3,190
2003					2003	2/			
Gila					Pinal				
1997	2/				1997	31,300	30,100	4,990	75,130
1998	2/				1998	25,900	25,700	5,360	68,880
1999					1999	27,800	27,400	5,520	75,620
2000					2000	18,700	17,000	5,480	46,600
2001	2/				2001	19,800	19,000	5,440	51,720
2002	2/				2002	20,500	19,000	5,305	50,400
2003					2003	12,000	11,700	5,900	34,500
Graham					Santa Cruz				
1997	2,100	1,900	5,710	5,430	1997				
1998	2,000	2,000	6,180	6,180	1998				
1999	2,500	2,500	5,280	6,600	1999				
2000	1,100	1,000	5,760	2,880	2000				
2001	1,000	1,000	5,520	2,760	2001				
2002	2/				2002				
2003	2/				2003				
Greenlee					Yavapai				
1997	1,700	1,600	5,470	4,380	1997	2/			
1998	1,100	900	5,280	2,380	1998	2/			
1999	2/				1999	2/			
2000	2/				2000	2/			
2001					2001	2/			
2002	2/				2002				
2003					2003				
La Paz					Yuma				
1997	2/				1997	3,600	3,300	4,940	8,160
1998	2/				1998	3,100	2,200	5,300	5,830
1999	2/				1999	3,000	2,900	5,520	8,000
2000	2/				2000	1,000	1,000	5,420	2,710
2001	2/				2001	1,900	1,800	5,330	4,800
2002	2/				2002	2/			
2003	2/				2003	2,000	1,500	5,230	3,920
Maricopa					Arizona				
1997	26,400	25,600	4,660	59,600	1997	70,000	67,000	4,900	164,020
1998	20,200	20,000	5,070	50,700	1998	58,000	56,000	5,280	147,840
1999	22,700	22,400	5,520	61,820	1999	63,000	62,000	5,470	169,630
2000	12,600	11,200	5,490	30,720	2000	40,000	36,000	5,470	98,500
2001	12,800	12,200	5,120	31,200	2001	42,000	40,000	5,280	105,600
2002	18,900	17,000	5,370	45,600	2002	46,000	40,000	5,280	105,600
2003	15,000	14,300	5,520	39,430	2003	32,000	30,000	5,660	84,960

1/ Converted from 48-pound bushels and rounded. Numbers may not add due to rounding.

2/ Less than 1,000 acres planted not published.

Corn: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted for all purposes (Acres)	60,000	50,000	50,000	56,000	55,000	60,000	47,000
For Grain							
Harvested (Acres)	40,000	30,000	30,000	33,000	28,000	28,000	22,000
Yield per acre (Pounds) 1/	9,240	9,800	10,920	10,980	11,650	10,360	10,640
Production (Tons) 1/	184,800	147,000	163,800	181,100	163,100	145,000	117,000
Marketing year average price (\$ per Ton) 2/	114.30	98.20	97.10	99.30	99.60	112.10	114.30
Value of production (1,000 Dollars)	21,120	14,438	15,912	17,981	16,249	16,265	13,376

1/ Converted from 56-pound bushels and rounded.

2/ Average price for the September through August marketing season.

Corn for Silage: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Harvested (Acres)	18,000	19,000	19,000	22,000	26,000	31,000	24,000
Yield per acre (Tons)	25.5	26.5	23.0	25.0	27.0	25.0	28.0
Production (Tons)	459,000	504,000	437,000	550,000	702,000	775,000	672,000
Marketing year average price (\$ per Ton)	35.00	31.00	29.00	31.00	33.00	33.00	33.00
Value of production (1,000 Dollars)	16,065	15,625	12,673	17,050	23,166	25,575	22,176

Sorghum: Acreage, Yield, Production, Price, and Value 1/

	1997	1998	1999	2000	2001	2002	2003
Planted for all purposes (Acres)				16,000	12,000	15,000	17,000
For Grain							
Harvested (Acres)	22,000	14,000	5,000	9,000	6,000	6,000	6,000
Yield per acre (Pounds) 2/				4,480	4,480	3,920	5,000
Production (Tons) 2/	27,500	27,500	8,000	20,200	13,400	11,800	15,100
Marketing year average price (\$ per Ton) 3/				88.90	80.00	92.00	106.00
Value of production (1,000 Dollars) 3/				1,793	1,075	1,086	1,603

1/ National estimating program began in 2000.

2/ Converted from 56-pound bushels and rounded.

3/ Price and value preliminary. Final prices and value will be available October, 2004.

Sorghum for Silage: Acreage, Yield, Production, Price, and Value 1/

	1997	1998	1999	2000	2001	2002	2003
Harvested (Acres)	1,600	2,800	4,100	7,000	6,000	9,000	11,000
Yield per acre (Tons)				15.0	19.0	20.0	23.0
Production (Tons)	27,000	53,000	70,000	105,000	114,000	180,000	253,000
Marketing year average price (\$ per Ton)				20.00	27.00	27.00	27.00
Value of production (1,000 Dollars)				2,100	3,078	4,860	6,831

1/ National estimating program began in 2000.

Corn: Acreage, Yield, and Production by County

County and Year	----- For Grain -----				County and Year	----- For Grain -----			
	Planted for All Purpose	Harvested Acres	Yield	Production		Planted for All Purpose	Harvested Acres	Yield	Production
			Pounds 1/	Tons 1/				Pounds 1/	Tons 1/
Apache					Mohave				
1997	2/				1997	2/			
1998	2/				1998				
1999					1999				
2000					2000				
2001					2001				
2002					2002				
2003					2003				
Cochise					Navajo				
1997	18,500	18,500	10,580	97,900	1997	2/			
1998	15,100	15,100	10,640	80,330	1998	2/			
1999	18,000	17,200	11,600	99,740	1999	2/			
2000	25,600	25,600	11,060	141,570	2000	2/			
2001	27,200	21,900	11,690	127,990	2001	2/			
2002	24,100	21,600	10,510	113,540	2002	2/			
2003	19,900	17,300	10,770	93,100	2003				
Coconino					Pima				
1997					1997	1,000	900	7,110	3,200
1998	2/				1998	2/			
1999					1999	2/			
2000					2000	2/			
2001					2001	2/			
2002					2002	2/			
2003					2003	2/			
Gila					Pinal				
1997	2/				1997	7,300	3,200	8,400	13,440
1998					1998	7,600	3,400	8,400	14,280
1999					1999	6,700	3,000	10,080	15,120
2000					2000	6,000	500	10,080	2,520
2001					2001	6,700	500	11,200	2,800
2002					2002	9,600	900	9,860	4,440
2003					2003	7,700	900	11,200	5,040
Graham					Santa Cruz				
1997	5,400	4,100	8,180	16,760	1997				
1998	3,900	3,900	9,180	17,910	1998				
1999	4,800	4,000	10,570	21,140	1999				
2000	1,400	1,200	11,300	6,780	2000				
2001	1,200	1,000	11,880	5,940	2001				
2002	2,000	1,700	9,270	7,880	2002				
2003	1,000	1,000	10,920	5,460	2003				
Greenlee					Yavapai				
1997	1,800	400	6,890	1,380	1997	2/			
1998	2/				1998	2/			
1999	2/				1999	2/			
2000	2/				2000	2/			
2001	2/				2001	2/			
2002	2/				2002	2/			
2003	2/				2003	2/			
La Paz					Yuma				
1997	2/				1997	7,200	7,100	7,900	28,030
1998	2/				1998	5,700	4,600	9,520	21,900
1999	2/				1999	3,600	3,400	10,130	17,220
2000	2/				2000	4,000	4,000	11,200	22,400
2001	2/				2001	3,700	3,000	11,740	17,610
2002	2/				2002	2,500	1,900	10,880	10,330
2003	2/				2003	1,100	800	10,920	4,370
Maricopa					Arizona				
1997	16,800	4,400	8,460	18,600	1997	60,000	40,000	9,240	184,800
1998	14,600	1,300	8,570	5,570	1998	50,000	30,000	9,800	147,000
1999	14,500	1,000	8,960	4,480	1999	50,000	30,000	10,920	163,800
2000	17,200	600	9,900	2,970	2000	56,000	33,000	10,980	181,100
2001	15,100	1,000	10,920	5,460	2001	55,000	28,000	11,650	163,100
2002	19,500	200	10,080	1,010	2002	60,000	28,000	10,360	145,000
2003	15,700	600	10,460	3,140	2003	47,000	22,000	10,640	117,000

1/ Converted from 56-pound bushels and rounded. Numbers may not add due to rounding.

2/ Acres planted and/or harvested too small to warrant estimate or not published to avoid disclosure of individual operations.

Grain Stocks: Off-Farm Storage Facilities

	1997	1998	1999	2000	2001	2002	2003
	----- December 1 -----						
Facilities (Number) 1/	30	29	28	26	25	23	22
Storage capacity (Tons)	573,750	554,250	513,750	487,500	457,500	455,000	445,000

1/ Includes mills, elevators, warehouses, terminals, processors, and commercial feedlots.

Hay Stocks: On-Farm

	1997	1998	1999	2000	2001	2002	2003
	----- Tons -----						
May 1	28,000	34,000	28,000	27,000	33,000	28,000	45,000
December 1	171,000	177,000	184,000	250,000	223,000	203,000	280,000

Other Field Crops: Acreage and Production

	1997	1998	1999	2000	2001	2002	2003
	Dry Beans						
Harvested (Acres)	2,700	2,800	3,700	4,100	2,800	3,500	6,000
Production (1,000 Cwt)	40	45	67	82	56	84	130
	Jojoba						
Harvested (Acres)	6,000	4,800	3,800	3,000	1,840	970	4,200
Production (1,000 Pounds)	1,800	1,525	1,140	900	550	380	2,091
	Oats for Grain						
Harvested (Acres)	4,200	3,600	2,800	2,100	3,300	2,000	3,300
Production (1,000 Pounds)	8,125	10,075	8,400	5,900	7,425	5,240	11,050
	Peanuts						
Harvested (Acres)	525	500	750	700	420	480	450
Production (1,000 Pounds)	1,415	1,320	2,025	1,750	1,215	1,250	1,310
	Safflower						
Harvested (Acres)	2,000	3,500	5,500	4,000	1,000	500	500
Production (1,000 Tons)	2.4	3.9	6.6	2.9	1.6	0.5	0.5
	Miscellaneous Seeds						
Harvested (Acres)	16,000	17,000	16,800	16,000	15,300	13,000	17,500
Production 1/							

1/ Production not published due to the different units of production.

Source: Statistics developed with the assistance of the Arizona Cooperative Extension Service, Arizona Citrus, Fruit, and Vegetable Standardization, growers, and dealers.

Vegetables, Melons, and Potatoes

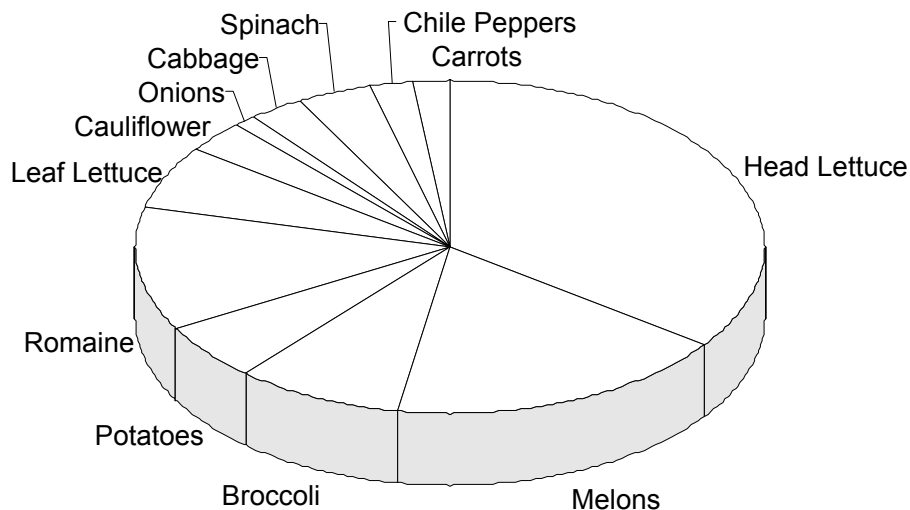
Arizona has a unique place in the agricultural industry in that it is capable of producing an ever increasing variety of vegetables nearly year round. With mild winters in the lower elevations and the cooler summer temperatures in the higher elevations, the State produces an impressive variety of vegetables and melons throughout the year. Nationally, Arizona ranked third in the production of fresh market vegetables and second to only California in the production of head lettuce, leaf and romaine lettuce, broccoli, cauliflower, spinach, cantaloupes, and honeydews.

During 2003, over 136,000 harvested acres were devoted to the principal vegetables (including potatoes) and melon crops in Arizona, an increase of 4 percent from a year earlier. Western head lettuce was the leader in acreage with 47,000 acres harvested, a decrease of 3,000 acres from 2002. Cantaloupe

acreage totaled 15,200, up 400 from the previous year and the third ranking crop in terms of acreage harvested. Other crops showing increases in acreage from a year earlier include honeydews, romaine and leaf lettuce, and spinach. Major vegetable crops with acreage below the previous year include broccoli, cauliflower, potatoes, watermelons, and Western head lettuce.

The value of all principal vegetables, potatoes, and melons produced in Arizona during 2003 totaled \$642 million, a decrease of 51 percent from the previous year. Decreases in value for spinach, broccoli, cauliflower, and all lettuces led to the relatively large decreases in value of vegetables, potatoes, and melons.

**Vegetable & Melon Harvested Acres
2002-03**



136,200 Total Acres

Head Lettuce Western: Acreage, Yield, Production Price, and Value 1/

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Planted (Acres)	52,000	51,000	45,000	50,300	52,000	51,000	47,000
Harvested (Acres)	51,800	51,000	44,000	50,300	51,800	50,000	47,000
Yield per acre (Cwt)	325	390	400	350	365	350	380
Production (1,000 Cwt)	16,835	19,890	17,600	17,605	18,907	17,500	17,860
Marketing year average price (\$/Cwt) 2/	11.60	15.80	12.20	13.10	16.50	38.70	10.30
Value of production (1,000 Dollars)	195,286	314,262	214,720	230,626	311,966	677,250	183,958

1/ Yuma County is the sole producer of western head lettuce.

2/ Average price for the November through May marketing season.

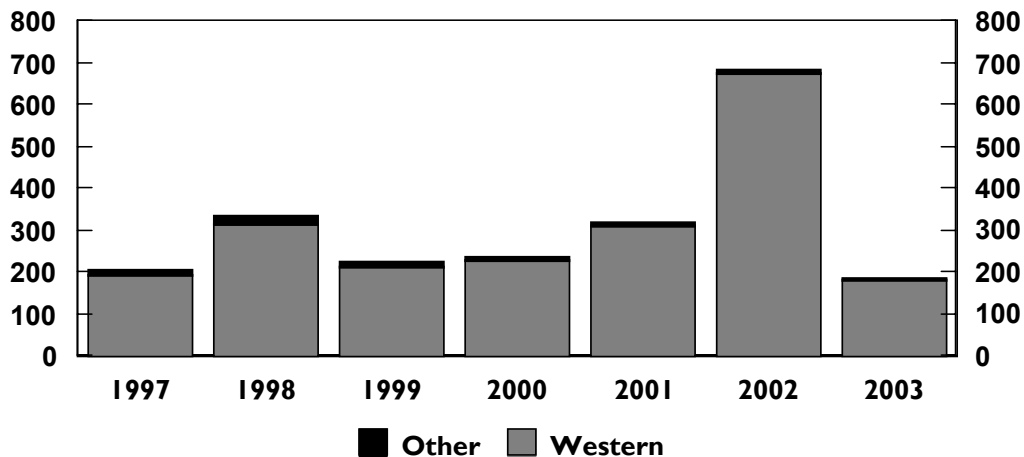
Head Lettuce Western: Monthly and Season Average Prices Received by Growers

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
	-----Dollars per Cwt-----						
November	12.40	10.10	8.40	9.90	24.10	11.80	9.20
December	8.65	23.20	11.70	15.80	12.00	28.30	9.10
January	14.80	18.80	9.90	14.40	13.30	24.80	10.30
February	9.40	10.70	15.40	9.00	24.10	44.50	11.80
March	13.40	11.60	13.40	14.90	15.10	89.40	10.60
April	13.70	24.40	20.00	11.90	13.30	17.60	9.40
May	1/	13.10	1/	1/	1/	1/	1/
Season Average	11.60	15.80	12.20	13.10	16.50	38.70	10.30

1/ No movement reported.

Head Lettuce Value of Production 1997-2003

Million Dollars



All Head Lettuce Other: Acreage, Yield, Production, Price, and Value 1/

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Planted (Acres)	3,000	4,200	2,700	1,700	1,600	900	900
Harvested (Acres)	3,000	4,100	2,600	1,500	1,500	800	800
Yield per acre (Cwt)	170	202	310	330	280	350	260
Production (1,000 Cwt)	510	828	806	495	558	280	208
Marketing year average price (\$ per Cwt) 2/	18.00	26.60	13.20	13.30	15.00	23.30	12.30
Value of production (1,000 Dollars)	9,180	22,025	10,639	6,584	8,370	6,524	2,558

1/ 'Head lettuce other' refers to head lettuce produced in all areas of the State except Yuma County.

2/ Average price for the October through June marketing season.

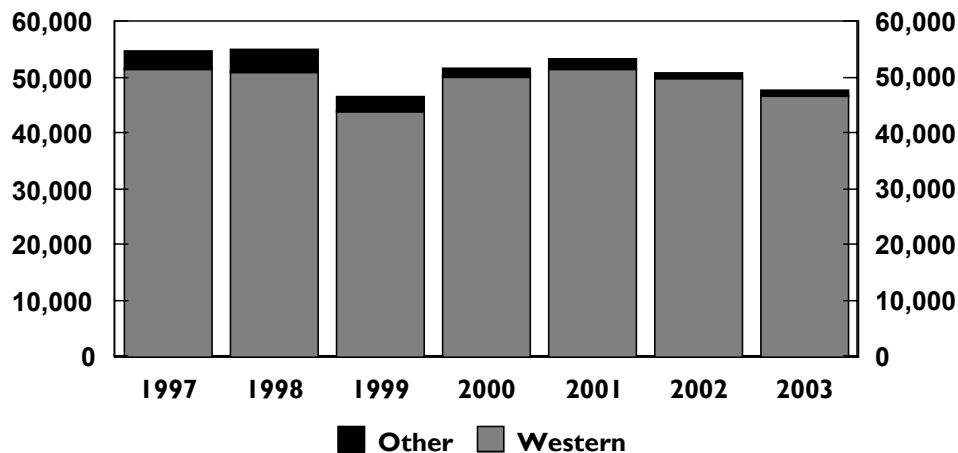
All Head Lettuce Other: Monthly Prices Received by Growers

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
	-----Dollars per Cwt-----						
October	12.60	34.10	19.90	14.70	14.90	15.40	1/
November	18.20	38.50	8.70	9.60	18.80	11.10	9.40
December	23.00	1/	13.50	15.20	13.90	27.70	11.40
January	1/	1/	10.20	1/	1/	27.00	15.30
February	1/	1/	18.90	9.10	1/	43.60	11.70
March	14.70	1/	10.00	16.20	11.00	94.70	10.20
April	8.70	27.90	7.90	13.80	16.60	10.60	12.50
May	8.89	13.00	13.20	1/	1/	8.70	1/
June	1/	1/	12.00	1/	1/	1/	1/
Season Average	18.00	26.60	13.20	13.30	15.00	23.30	12.30

1/ No movement reported.

2/ Not available.

Head Lettuce Harvested Acres 1997-2003



Leaf Lettuce: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
Maricopa				Yuma			
1997	150	130	20	1997	5,550	279	1,548
1998	300	163	49	1998	7,000	285	1,995
1999 2/	200	165	33	1999	5,400	362	1,955
2000 3/				2000 4/	3,800	460	1,748
2001 3/				2001 4/	5,800	315	1,827
2002 3/				2002 4/	7,900	300	2,370
2003 3/				2003	8,400	330	2,772

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Includes Pinal County to avoid disclosure of individual operations.

3/ Included in Yuma County to avoid disclosure of individual operations.

4/ Includes other counties to avoid disclosure of individual operations.

Leaf Lettuce: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	5,800	7,300	5,600	4,000	6,000	8,000	8,500
Harvested (Acres)	5,700	7,300	5,600	3,800	5,800	7,900	8,400
Yield per acre (Cwt)	275	280	355	460	315	300	330
Production (1,000 Cwt)	1,568	2,044	1,988	1,748	1,827	2,370	2,772
Marketing year average price (\$ per Cwt) 1/	31.70	21.00	26.60	30.70	41.40	61.80	29.60
Value of production (1,000 Dollars)	49,706	42,924	52,881	53,664	75,638	146,466	82,051

1/ Average price for the November through April marketing season.

Romaine Lettuce: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
Maricopa				Yuma			
1997	100	110	11	1997	8,100	323	2,616
1998	100	120	12	1998	9,700	312	3,026
1999 2/				1999 3/	10,100	305	3,081
2000 2/				2000 3/	12,200	300	3,660
2001 2/				2001 3/	12,300	310	3,813
2002 2/				2002 3/	13,300	330	4,389
2003 3/				2003	16,500	275	4,538

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Included in Yuma County to avoid disclosure of individual operations.

3/ Includes other counties to avoid disclosure of individual operations.

Romaine Lettuce: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	8,300	9,800	10,200	12,200	12,500	13,400	16,500
Harvested (Acres)	8,200	9,800	10,100	12,200	12,300	13,300	16,500
Yield per acre (Cwt)	320	310	305	300	310	330	275
Production (1,000 Cwt)	2,624	3,038	3,081	3,660	3,813	4,389	4,538
Marketing year average price (\$ per Cwt) 1/	19.50	22.10	15.10	19.20	24.90	43.40	19.20
Value of production (1,000 Dollars)	51,168	67,140	46,523	70,272	94,944	190,483	87,130

1/ Average price for the November through April marketing season.

Broccoli: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
Maricopa 2/				Yuma			
1996/97	3,500	101	352	1996/97	7,500	134	1,005
1997/98	3,900	102	398	1997/98	7,600	137	1,041
1998/99	6,000	116	696	1998/99	11,100	153	1,698
1999/00	4,000	128	512	1999/00	7,300	162	1,183
2000/01	4,000	99	396	2000/01	7,100	171	1,214
2001/02	4,100	131	537	2001/02	7,800	160	1,248
2002/03	3,700	99	366	2002/03	7,900	137	1,084

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Includes small acreage from Pinal County to avoid disclosure of individual operations.

Broccoli: Acreage, Yield, Production, Price, and Value

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Planted (Acres)	11,000	11,500	17,100	11,500	11,100	11,900	11,600
Harvested (Acres)	11,000	11,500	17,100	11,300	11,100	11,900	11,600
Yield per acre (Cwt)	123	125	140	150	145	150	125
Production (1,000 Cwt)	1,357	1,438	2,394	1,695	1,610	1,785	1,450
Marketing year average price (\$ per Cwt) 1/	35.70	35.80	24.30	26.70	28.00	45.70	27.80
Value of production (1,000 Dollars)	48,400	51,480	58,174	45,257	45,080	81,575	40,310

1/ Average price for the November through April marketing season.

Cauliflower: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
Maricopa				Yuma			
1996/97	200	150	30	1996/97	3,700	203	750
1997/98	200	180	36	1997/98	3,200	212	678
1998/99	300	140	42	1998/99	3,600	232	836
1999/00 2/	300	220	66	1999/00	3,900	220	858
2000/01	300	173	52	2000/01	4,200	202	848
2001/02 3/				2001/02 4/	4,600	175	805
2002/03 3/				2002/03 4/	4,200	250	1,050

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Includes other counties to avoid disclosure of individual operations.

3/ Not published to avoid disclosure of individual operations.

4/ Includes other counties.

Cauliflower: Acreage, Yield, Production, Price, and Value

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Planted (Acres)	3,900	3,400	3,900	4,200	4,500	4,600	4,200
Harvested (Acres)	3,900	3,400	3,900	4,200	4,500	4,600	4,200
Yield per acre (Cwt)	200	210	225	220	200	175	250
Production (1,000 Cwt)	780	714	878	924	900	805	1,050
Marketing year average price (\$ per Cwt) 1/	33.20	45.80	37.30	34.90	29.50	45.90	30.40
Value of production (1,000 Dollars)	25,896	32,701	32,749	32,248	26,550	36,950	31,920

1/ Average price for the November through April marketing season.

Dry Onions: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
Cochise				Maricopa			
1997	300	336	101	1997	1,000	356	356
1998	200	435	87	1998	800	578	462
1999	2/			1999	800	510	408
2000	2/			2000	750	588	441
2001	2/			2001	600	590	354
2002	2/			2002	500	580	290
2003	2/			2003	500	620	310
La Paz				Other Counties			
1997	2/			1997	800	361	289
1998	2/			1998	1,500	417	626
1999	1,850	570	1,054	1999	350	494	173
2000	1,350	581	784	2000	300	500	150
2001	1,100	536	590	2001	300	520	156
2002	2/			2002	1,000	400	400
2003	2/			2003	1,000	440	440

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ 1997-1998; La Paz, Pinal, and Yuma Counties included in Other Counties to avoid disclosure of individual operations.

1999-2001; Cochise, Pinal, and Yuma Counties included in Other Counties to avoid disclosure of individual operations.

2002; Cochise, La Paz, Pinal, and Yuma Counties included in Other Counties to avoid disclosure of individual operations.

Dry Onions: Acreage, Yield, Production, Price, and Value 1/

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	2,100	2,500	3,000	2,700	2,200	1,600	1,500
Harvested (Acres)	2,100	2,500	3,000	2,500	2,000	1,500	1,500
Yield per acre (Cwt)	355	470	545	550	550	460	500
Production (1,000 Cwt)	746	1,175	1,635	1,375	1,100	690	750
Marketing year average price (\$ per Cwt) 2/	12.60	15.30	11.40	5.80	8.00	8.35	9.89
Value of production (1,000 Dollars)	9,403	17,978	18,639	7,975	8,800	5,762	7,418

1/ Includes processing.

2/ Average price for the April through July marketing season.

Dry Onions: Monthly and Season Average Prices Received by Growers 1/

	1997	1998	1999	2000	2001	2002	2003
	-----Dollars per Cwt-----						
April	17.40	17.00	2/	2/	2/	2/	2/
May	13.60	13.10	10.90	7.40	7.29	8.05	2/
June	15.40	2/	11.80	4.60	9.02	8.40	13.00
July	2/	2/	14.60	4.30	6.60	10.00	8.56
Season Average	12.60	15.30	5.53	5.80	8.00	8.35	9.89

1/ Includes onions grown for processing.

2/ No movement reported.

Carrots: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
Maricopa				Other Counties			
1996/97 2/	2,500	265	663	1996/97			
1997/98 2/	2,500	255	638	1997/98			
1998/99 2/	2,500	250	625	1998/99			
1999/00 2/	2,400	270	648	1999/00			
2000/01 3/				2000/01 3/			
2001/02 4/				2001/02 4/			
2002/03 2/	2,600	330	858	2002/03			

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization, 1993 - 1999.

2/ Other counties included in Maricopa County to avoid disclosure of individual operations.

3/ Arizona included in Other States (AZ, MN, OR, and WA). No State estimate available.

4/ Arizona included with WA. No State estimate available.

Carrots: Acreage, Yield, Production, and Value

	1996/97	1997/98	1998/99	1999/00	2000/01 1/	2001/02 2/	2002/03
Planted (Acres)	2,500	2,500	2,500	2,500			2,800
Harvested (Acres)	2,500	2,500	2,500	2,400			2,600
Yield per acre (Cwt)	265	255	250	270			330
Production (1,000 Cwt)	663	638	625	648			858
Marketing year avg price (\$ per Cwt) 3/	13.30	12.50	15.20	8.10			15.60
Value of production (1,000 Dollars)	8,818	7,975	9,500	5,249			13,385

1/ Arizona included in Other States (AZ, MN, OR, and WA). No State estimate available.

2/ Arizona included with WA. No State estimate available.

3/ Average price for the December through June marketing season.

Summer Honeydews: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
La Paz				Pinal			
1997	1,000	206	206	1997	2/		
1998	700	240	168	1998	2/		
1999	500	212	106	1999	2/		
2000	500	264	132	2000	2/		
2001	600	290	174	2001	2/		
2002	2/			2002	2/		
2003	2/			2003	2/		
Maricopa				Yuma			
1997	1,100	150	165	1997	300	177	53
1998	1,300	225	292	1998	800	213	170
1999	1,700	262	445	1999	600	202	121
2000	1,200	256	307	2000	600	268	161
2001	600	288	173	2001	400	283	113
2002	1,000	330	330	2002	500	300	150
2003	1,500	373	560	2003	500	330	165

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization.

2/ Included in Maricopa County to avoid disclosure of individual operations.

Summer Honeydews: Acreage, Yield, Production, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	2,400	2,800	2,800	2,300	1,600	1,500	2,000
Harvested (Acres)	2,400	2,800	2,800	2,300	1,600	1,500	2,000
Yield per acre (Cwt)	177	225	240	261	288	320	363
Production (1,000 Cwt)	424	630	672	600	460	480	725

Fall Honeydews: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
La Paz				Other Counties			
1997	2/			1997	500	129	65
1998	2/			1998	400	135	54
1999	2/			1999	400	110	44
2000	3/			2000	3/		
2001	3/			2001	3/		
2002	3/			2002	3/		
2003	3/			2003	3/		
Maricopa							
1997	1,200	192	230				
1998	1,000	282	282				
1999	1,000	166	166				
2000	1,300	203	264				
2001	800	250	200				
2002	800	291	233				
2003	1,000	250	250				

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Acres and production included in Other Counties to avoid disclosure of individual operations.

3/ Acres and production included with Maricopa County to avoid disclosure of individual operations.

Fall Honeydews: Acreage, Yield, Production, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	1,700	1,400	1,400	1,300	800	800	1,000
Harvested (Acres)	1,700	1,400	1,400	1,300	800	800	1,000
Yield per acre (Cwt)	173	240	150	203	250	291	250
Production (1,000 Cwt)	294	336	210	264	200	233	250

All Honeydews: Acreage, Yield, Production, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	4,100	4,200	4,200	3,600	2,400	2,300	3,000
Harvested (Acres)	4,100	4,200	4,200	3,600	2,400	2,300	3,000
Yield per acre (Cwt)	175	230	210	240	275	310	325
Production (1,000 Cwt)	718	966	882	864	660	713	975
Marketing year average price (\$ per Cwt) 1/	18.50	22.60	16.00	17.70	19.70	16.40	14.70
Value of production (1,000 Dollars)	13,283	21,832	14,112	15,293	13,002	11,693	14,333

1/ Average price for the June through July and October through November marketing seasons.

All Honeydews: Monthly and Season Average Prices Received by Growers

	1997	1998	1999	2000	2001	2002	2003
	Dollars per Cwt -----						
October	17.00	13.20	17.90	29.00	23.70	15.10	15.80
November	20.00	13.80	13.20	18.20	16.80	15.60	14.60
December	1/	1/	1/	20.60	1/	1/	1/
May	30.00	1/	18.40	18.00	23.90	1/	37.80
June	20.00	25.30	13.50	16.40	16.80	16.90	9.00
July	15.00	22.50	1/	15.10	15.70	17.70	9.00
August	15.70	1/	15.70	15.00	17.80	1/	1/
September	11.70	1/	1/	1/	1/	1/	1/
Season Average	19.40	22.60	16.00	17.70	19.70	16.40	14.70

1/ No movement reported.

Spring Cantaloupe: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
La Paz				Pinal			
1997	2,600	240	624	1997	600	308	185
1998	3,200	250	800	1998	2/		
1999	1,000	237	237	1999	2/		
2000	1,200	264	317	2000	2/		
2001	2,600	275	715	2001	2/		
2002	2/			2002	2/		
2003	2/			2003	2/		
Maricopa				Yuma			
1997	4,900	320	1,567	1997	3,400	397	1,350
1998	5,800	244	1,416	1998	3,100	335	1,039
1999	8,200	255	2,091	1999	4,200	283	1,190
2000	6,000	285	1,710	2000	2,800	316	886
2001	4,600	260	1,196	2001	2,800	287	803
2002	7,400	280	2,072	2002	2,800	353	988
2003	9,200	362	3,332	2003	2,500	375	938

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

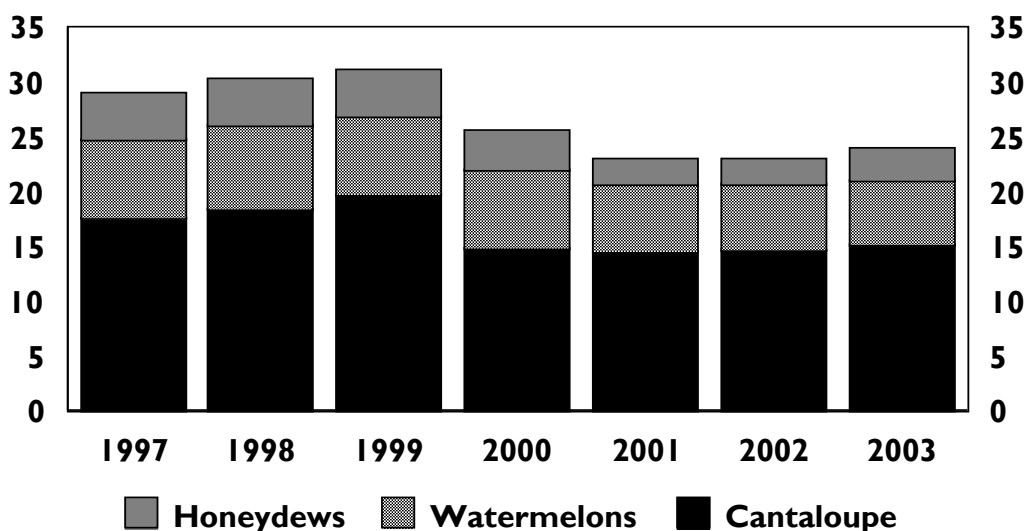
2/ La Paz and Pinal Counties included in Maricopa County.

Spring Cantaloupe: Acreage, Yield, and Production

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	11,500	12,100	13,400	10,000	10,000	10,200	11,800
Harvested (Acres)	11,500	12,100	13,400	10,000	10,000	10,200	11,700
Yield per acre (Cwt)	324	269	263	291	270	300	365
Production (1,000 Cwt)	3,726	3,255	3,518	2,913	2,714	3,060	4,270

Melon Harvested Acres 1997-2003

(000) Acres



Fall Cantaloupe: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
Cochise				Pinal			
1997	2/			1997	2/		
1998	2/			1998	2/		
1999	2/			1999	2/		
2000	2/			2000	2/		
2001	2/			2001	2/		
2002	2/			2002	3/		
2003	2/			2003	3/		
La Paz				Yuma			
1997	3/			1997	2,000	120	240
1998	2,500	240	600	1998	1,900	178	338
1999	2,500	270	674	1999	1,800	227	409
2000	3/			2000	1,200	218	261
2001	3/			2001	800	252	202
2002	3/			2002	1,000	300	300
2003	3/			2003	400	363	145
Maricopa							
1997	4,200	130	548				
1998	2,000	216	432				
1999	2,000	212	423				
2000	3,700	214	792				
2001	3,800	270	1,026				
2002	3,600	300	1,080				
2003	3,100	390	1,209				

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Acres harvested too small to warrant estimate or not published to avoid disclosure of individual operations.

3/ Included in Maricopa County.

Fall Cantaloupe: Acreage, Yield, and Production

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	6,200	6,400	6,300	4,900	4,600	4,600	3,500
Harvested (Acres)	6,200	6,400	6,300	4,900	4,600	4,600	3,500
Yield per acre (Cwt)	127	214	239	272	267	300	387
Production (1,000 Cwt)	788	1,370	1,506	1,334	1,228	1,380	1,354

All Cantaloupe: Acreage, Yield, Production, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	17,700	18,500	19,700	14,900	14,600	14,800	15,300
Harvested (Acres)	17,700	18,500	19,700	14,900	14,600	14,800	15,200
Yield per acre (Cwt)	255	250	255	285	270	300	370
Production (1,000 Cwt)	4,514	4,625	5,024	4,247	3,942	4,440	5,624
Marketing year average price (\$ per Cwt) 1/	19.20	16.10	12.60	17.00	17.90	13.80	15.50
Value of production (1,000 Dollars)	86,669	74,463	63,302	72,199	70,562	61,272	87,172

1/ Average price for the May through July and October through November marketing seasons.

Watermelon: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Production	County and Year	Harvested Acres	Yield per Acre	Production
		Cwt	1,000 Cwt			Cwt	1,000 Cwt
Cochise				Pinal			
1997	200	150	30	1997 3/	2,000	337	674
1998	100	155	16	1998	1,900	315	599
1999	2/			1999	1,700	252	428
2000	2/			2000	900	371	334
2001	2/			2001	800	415	332
2002	2/			2002	1,000	437	437
2003	2/			2003	1,400	479	670
LaPaz				Yuma			
1997	400	250	100	1997	950	459	436
1998	800	255	204	1998	1,200	438	526
1999	800	301	241	1999	1,200	337	404
2000	1,300	345	449	2000	1,000	450	450
2001	900	425	383	2001	1,100	460	506
2002	2/			2002	1,300	425	553
2003	2/			2003	1,600	479	766
Maricopa							
1997	3,650	272	992				
1998	3,600	260	935				
1999	3,500	372	1,303				
2000	3,900	385	1,501				
2001	3,300	425	1,402				
2002	3,700	446	1,650				
2003	2,800	440	1,232				

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Acreage too small to publish. Included in Maricopa County.

3/ Includes Mohave County to avoid disclosure of individual operations.

Watermelon: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres) 1/	7,200	7,600	7,200	7,100	6,300	6,000	5,800
Harvested (Acres)	7,200	7,600	7,200	7,100	6,100	6,000	5,800
Yield per acre (Cwt)	310	300	330	385	430	440	460
Production (1,000 Cwt)	2,232	2,280	2,376	2,734	2,623	2,640	2,668
Marketing year average price (\$ per Cwt) 2/	7.80	10.30	6.70	6.60	10.20	8.30	11.80
Value of production (1,000 Dollars)	17,343	23,484	15,919	18,044	26,755	21,912	31,482

1/ Watermelons are planted as Spring and Fall crops. Estimates by season are not available.

2/ Average price for the May through July and September through November marketing season.

Potatoes: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Planted (Acres)	6,500	8,100	10,000	9,000	8,200	7,800	7,600
Harvested (Acres)	6,500	8,100	9,600	9,000	8,200	7,800	7,600
Yield per acre (Cwt)	280	280	315	280	270	270	275
Production (1,000 Cwt)	1,820	2,268	3,024	2,520	2,214	2,106	2,090
Marketing year average price (\$ per Cwt) 1/	8.75	11.30	9.05	10.60	15.50	13.40	10.20
Value of production (1,000 Dollars)	15,925	25,628	27,367	26,712	34,317	28,220	21,318

1/ Average price for the April through July marketing season.

Potatoes: Monthly and Season Average Prices Received by Growers 1/

	1997	1998	1999	2000	2001	2002	2003
	-----Dollars per Cwt-----						
April	6.20	9.10	10.30	12.60	18.40	2/	12.30
May	9.50	13.50	10.30	9.60	16.10	18.90	9.15
June	8.45	8.40	7.25	9.45	9.60	10.80	9.20
July	2/	11.30	7.75	2/	2/	9.65	11.70
Season Average	8.75	11.30	9.05	10.60	15.50	13.40	10.20

1/ Includes fresh market and processed potato prices.

2/ Insufficient movement to establish a price.

Cabbage: Acreage, Yield, Production, Price, and Value 1/

	1997	1998	1999	2000 2/	2001	2002	2003
Planted (Acres)				1,900	2,900	3,800	3,800
Harvested (Acres)	2,250	2,200	2,000	1,900	2,900	3,800	3,800
Yield per acre (Cwt)				500	400	355	400
Production (1,000 Cwt)	859	1,283	750	950	1,160	1,349	1,520
Marketing year average price (\$ per Cwt)				12.10	10.80	9.70	12.10
Value of production (1,000 Dollars)	11,896	11,698	9,937	11,495	12,528	13,085	18,392

1/ 1997-1999 - Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ National estimating program began in 2000.

Chile Peppers: Acreage, Yield, Production, Price, and Value 1/

	1997	1998	1999	2000 2/	2001	2002	2003
Planted (Acres)				3,500	3,400	3,200	3,200
Harvested (Acres)	3,800	5,500	6,100	3,300	3,100	3,000	3,000
Yield per acre (Cwt)				76	55	63	70
Production (1,000 Cwt)	293	289	354	252	172	190	210
Marketing year average price (\$ per Cwt)				27.20	28.30	14.50	14.60
Value of production (1,000 Dollars)	12,500	9,132	11,495	6,848	4,872	2,759	3,076

1/ 1997-1999 - Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ National estimating program began in 2000. Chile peppers are defined as all peppers excluding bell peppers.

Spinach: Acreage, Yield, Production, Price, and Value 1/

	1997	1998	1999	2000 2/	2001	2002	2003
Planted (Acres)				3,500	3,800	4,200	5,200
Harvested (Acres)	1,650	1,800	2,900	3,400	3,600	4,200	5,200
Yield per acre (Cwt)				150	120	170	150
Production (1,000 Cwt)	226	255	323	510	432	714	780
Marketing year average price (\$ per Cwt)				30.90	31.00	30.70	22.10
Value of production (1,000 Dollars)	9,122	14,544	9,933	15,759	13,392	21,920	17,238

1/ 1997-1999 - Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ National estimating program began in 2000.

Other Vegetables: Acreage, Production, and Value 1/

	1997	1998	1999	2000	2001	2002	2003
Bok Choy							
Harvested acres	110	100	260	200	280	300	300
Production (25 lb carton)	100,100	128,500	138,000	125,000	147,500	150,000	165,000
Value of production (\$1,000)	413	531	552	531	619	673	683
Greens							
Harvested acres	700	520	630	620	520	490	500
Production (25 lb carton)	554,000	481,500	527,000	496,000	344,000	312,000	335,000
Value of production (\$1,000)	6,275	5,451	5,580	4,420	3,096	2,384	3,089
Kale							
Harvested acres	360	100	70	330	300	150	250
Production (25 lb carton)	152,400	62,400	51,000	395,000	370,000	290,000	545,000
Value of production (\$1,000)	2,704	1,106	905	2,963	2,331	2,007	3,946
Napa							
Harvested acres	130	100	330	300	220	230	230
Production (40 lb carton)	130,600	111,600	142,000	115,200	140,000	180,000	175,000
Value of production (\$1,000)	400	341	440	357	424	549	534
Onions, Green							
Harvested acres	240	180	120	170	30	30	120
Production (18 lb carton)	274,000	188,100	122,000	180,000	38,000	25,000	75,000
Value of production (\$1,000)	2,051	3,210	915	1,260	200	125	375
Parsley							
Harvested acres	90	60	80	90	125	110	100
Production (21 lb carton)	169,100	66,300	59,000	121,000	125,000	110,000	110,000
Value of production (\$1,000)	357	140	130	226	275	251	231
Radishes 3/							
Harvested acres		1,440	1,370	360	200	75	50
Production (40 lb carton)		470,500	541,000	144,000	80,000	43,000	18,000
Value of production (\$1,000)		4,587	5,301	1,296	688	423	170
Rapini							
Harvested acres	80	10	5	2/	2/	2/	2/
Production (25 lb carton)	28,900	19,100	4,000	2/	2/	2/	2/
Value of production (\$1,000)	1,291	853	24	2/	2/	2/	2/

See footnotes at end of table

-Continued on next page

Other Vegetables: Acreage, Production, and Value 1/

-Continued

	1997	1998	1999	2000	2001	2002	2003
Squash							
Harvested acres	340	300	530	470	185	325	320
Production (24 lb. carton)	32,400	64,100	55,000	85,000	35,000	61,800	56,000
Value of production (\$1,000)	513	2,243	468	1,700	770	1,298	1,176
Sweet Corn							
Harvested acres	1,640	2,560	2,400	660	460	500	250
Production (50 lb. carton)	335,300	284,000	355,000	138,000	80,000	105,000	50,000
Value of production (\$1,000)	2,482	5,860	2,982	1,187	1,568	2,040	1,055
Turnips							
Harvested acres	195	65	140	310	40	115	110
Production (25 lb. sack)	73,000	63,400	98,000	187,500	32,800	80,000	75,000
Value of production (\$1,000)	453	393	617	1,125	149	400	360
Miscellaneous Vegetables 4/							
Harvested acres	4,486	2,420	6,811	10,372	10,724	15,656	15,056
Value of production (\$1,000)	19,485	11,972	44,978	54,174	82,184	80,278	81,492

1/ Acreage and production figures from the Arizona Citrus, Fruit and Vegetable Standardization reports. Production figures published are utilized production totals which can be affected by weather, market conditions, and vegetable quality. Value of production developed with the assistance of the Arizona Citrus, Fruit and Vegetable Standardization, the Arizona Cooperative Extension Service, Market News Service, and local growers.

2/ Acres and value included in miscellaneous vegetables.

3/ Previous years included in miscellaneous vegetables.

4/ Includes anise, artichokes, asparagus, beets, bell peppers, black-eyed peas, broccoflower, brussel sprouts, cilantro, celery, collards, cucumbers, daikon, dill, eggplant, endive, escarole, garbanzo beans, garlic, green peas, kohlrabi, leeks, miscellaneous melons, okra, pumpkins, radicchio, rapini, salad savoy, snap beans, swiss chard, and tomatoes.

Fruit and Nut

Apples: Arizona's utilized apple production was 7.0 million pounds, significantly below last year's crop. The total crop value was \$550,000, well below last year's \$4.51 million.

Pecans: Arizona was the nation's 4th leading State in pecan production for 2003, with production of 22.5 million pounds. **Nationally**, pecan production was down nearly half from last year. The U.S. average price of \$0.96 per pound reflected a \$0.36 cent increase from the previous year. Arizona pecan price averaged \$1.04 per pound, up \$1.03 from a year ago.

Citrus: Utilized production, **nationally**, totaled 15.2 million tons, down 6 percent from last year's crop, and 15 percent lower than the 1997-98 record high crop. California's orange production was up 20 percent, but grapefruit production decreased 5 percent from the previous year. Texas showed a

decrease of 4 percent in grapefruit and 10 percent in orange production from a year ago. Arizona's citrus production was 1 percent less than the previous season. In the 2002-03 season, Florida accounted for 74 percent of U.S. citrus production; California totaled 23 percent; Texas and Arizona produced the remaining 3 percent.

Arizona's orange, lemon, grapefruit, and tangerine acreage decreased 1,200 acres from a year earlier. The total value of all citrus production, at \$40.3 million, was 28 percent less than the previous year.

Grapes: Arizona's grape production ranked 7th in the nation in 2003. The price per ton was \$1,030, an increase of \$83.00 from last year. The total value was up 3 percent from the previous season, at \$8.20 million.

Apples: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Bearing acreage (Acres)	3,700	3,800	3,900	3,900	2,000	1,500	1,000
Yield per acre (Pounds) 1/	12,200	12,100	8,790	24,400	2,700	17,500	7,000
Utilization of production: (Million Pounds)							
Fresh	0.5	11.7	5.4	3.0	0.1	6.0	0.1
Processed	43.6	33.3	26.6	91.5	5.2	20.0	6.9
Total	44.1	45.0	32.0	94.5	5.3	26.0	7.0
Season average price (\$ per Pound)	0.107	0.147	0.127	0.074	0.066	0.173	0.079
Value of utilized production (1,000 Dollars)	4,724	6,628	4,054	6,971	350	4,506	550

1/ Yield is based on total production, which includes unharvested production and fruit harvested, but not sold due to market conditions.

Grapefruit Varieties: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Utilization of Production		
			Fresh 2/	Processed 2/	Total
		Cartons		1,000 Cartons 3/	
Maricopa 4/					
1996/97	2,900	334	490	480	970
1997/98	3,000	311	542	390	932
1998/99	2,400	344	544	281	825
1999/00	2,000	272	195	349	544
2000/01	1,400	200	220	60	280
2001/02	1,400	96	125	10	135
2002/03	1,100	141	144	11	155
Yuma					
1996/97	1,500	420	350	280	630
1997/98	1,000	668	442	226	668
1998/99	900	750	510	165	675
1999/00	800	445	169	187	356
2000/01	600	367	190	30	220
2001/02	600	308	181	4	185
2002/03	400	263	104	1	105

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Production for all grapefruit.

3/ Net weight per carton, 33.5 pounds.

4/ Includes Pinal County to avoid disclosure of individual operations.

Grapefruit: Acreage, Yield, Production, Price, and Value 1/

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Harvested (Acres)	4,400	4,000	3,300	2,800	2,000	2,000	1,500
Yield per acre (Cartons)	364	400	454	322	250	160	174
Utilization of production (1,000 Cartons) 2/							
Fresh	840	984	1,054	364	410	306	248
Processed	760	616	446	536	90	14	12
Total	1,600	1,600	1,500	900	500	320	260
Season average price (\$ per Carton) 3/	1.49	2.34	3.14	1.10	2.71	3.37	3.87
Value of production (1,000 Dollars)	2,385	3,738	4,701	986	1,356	1,077	1,005

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Net weight per carton, 33.5 pounds.

3/ Equivalent packinghouse door returns. Marketing season November-July.

Grapefruit: Season Average Price and Equivalent Returns by Utilization

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
	----- Dollars per Carton 1/ -----						
F.O.B. packed fresh	5.75	6.60	7.45	6.20	6.40	6.65	7.25
<i>Equivalent returns</i>							
Packinghouse door							
All	1.49	2.34	3.14	1.10	2.71	3.37	3.87
Fresh	3.03	3.88	4.51	3.20	3.34	3.53	4.06
Processed	(0.21)	(0.13)	(0.11)	(0.33)	(0.12)	(0.13)	(0.13)
On-tree							
All	0.52	1.37	2.09	0.03	1.62	2.25	2.73
Fresh	2.06	2.91	3.46	2.13	2.25	2.41	2.93
Processed	(1.18)	(1.10)	(1.15)	1.40	(1.21)	(1.24)	(1.27)

1/ Net weight per carton, 33.5 pounds.

Lemons: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Utilization of Production			County and Year	Harvested Acres	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total				Fresh	Processed	Total
		Cartons	1,000 Cartons 2/					Cartons	1,000 Cartons 2/		
Maricopa 3/						Yuma					
1996/97	1,300	381	303	192	495	1996/97	13,200	372	2,805	2,100	4,905
1997/98	1,300	492	320	320	640	1997/98	12,700	359	2,540	2,020	4,560
1998/99	1,400	376	370	156	526	1998/99	12,700	502	4,314	2,060	6,374
1999/00	1,500	547	480	340	820	1999/00	12,800	420	3,568	1,812	5,380
2000/01	1,500	497	340	406	746	2000/01	13,300	485	3,454	3,000	6,454
2001/02	1,500	325	336	152	488	2001/02	13,300	384	3,468	1,644	5,112
2002/03	1,500	395	253	339	592	2002/03	13,300	407	2,839	2,569	5,408

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Net weight per carton, 38 pounds.

3/ Includes Pinal County to avoid disclosure of individual operations.

Lemons: Acreage, Yield, Production, Price, and Value 1/

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Harvested (Acres)	14,500	14,000	14,100	14,300	14,800	14,800	14,800
Yield per acre (Cartons)	372	372	490	434	486	378	406
Utilization of Production (1,000 Cartons) 2/							
Fresh	3,108	2,860	4,684	4,048	3,794	3,804	3,092
Processed	2,292	2,340	2,216	2,152	3,406	1,796	2,908
Total	5,400	5,200	6,900	6,200	7,200	5,600	6,000
Season average price (\$ per Carton) 3/	5.44	4.65	6.42	7.23	3.42	7.31	4.90
Value of production (1,000 Dollars)	29,351	24,187	44,299	44,801	24,637	40,938	29,385

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Net weight per carton, 38 pounds.

3/ Equivalent packinghouse door returns. Marketing season September-May.

Lemons: Season Average Price and Equivalent Returns by Utilization

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
	----- Dollars per Carton 1/ -----						
F.O.B. packed fresh	12.55	11.65	13.85	15.35	11.10	15.55	14.35
<i>Equivalent returns</i>							
Packinghouse door							
All	5.44	4.65	6.42	7.23	3.42	7.31	4.90
Fresh	8.33	7.43	9.28	10.69	6.35	10.71	9.40
Processed	1.51	1.26	0.38	0.71	0.16	0.12	0.11
On-tree							
All	3.62	2.83	4.45	5.22	1.37	5.22	2.77
Fresh	6.51	5.61	7.31	8.68	4.30	8.62	7.27
Processed	(0.31)	(0.57)	(1.60)	(1.30)	(1.89)	(1.97)	(2.02)

1/ Net weight per carton, 38 pounds.

Valencia Oranges: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Utilization of Production			County and Year	Harvested Acres	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total				Fresh	Processed	Total
		Cartons	1,000	Cartons	2/			Cartons	1,000	Cartons	2/
Maricopa 3/						Yuma					
1996/97	2,700	446	1,195	10	1,205	1996/97	2,400	206	487	8	495
1997/98	2,500	390	972	2	974	1997/98	2,000	163	322	4	326
1998/99	1,400	326	452	4	456	1998/99	2,000	372	472	272	744
1999/00	1,400	440	612	4	616	1999/00	1,300	295	134	250	384
2000/01	1,700	392	663	4	667	2000/01	1,200	144	173	0	173
2001/02	1,700	234	397	0	397	2001/02	1,200	86	103	0	103
2002/03	1,800	258	443	22	465	2002/03	1,000	172	63	12	172

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Net weight per carton, 37.5 pounds.

3/ Includes Pinal County to avoid disclosure of individual operations.

Valencia Oranges: Acreage, Yield, Production, Price, and Value 1/

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Harvested (Acres)	5,100	4,500	3,400	2,700	2,900	2,900	2,800
Yield per acre (Cartons)	334	288	352	370	290	172	192
Utilization of Production (1,000 Cartons) 2/							
Fresh	1,682	1,294	924	746	836	500	506
Processed	18	6	276	254	4		34
Total	1,700	1,300	1,200	1,000	840	500	540
Season average price (\$ per carton) 3/	2.63	2.64	9.35	1.18	2.52	1.71	1.39
Value of production (1,000 Dollars)	4,467	3,435	11,221	1,173	2,115	855	747

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Net weight per carton, 37.5 pounds.

3/ Equivalent packinghouse door returns. Marketing season February-July.

Valencia Oranges: Season Average Price and Equivalent Returns by Utilization

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
	----- Dollars per Carton 1/ -----						
F.O.B. packed fresh	5.60	5.60	14.90	4.85	5.85	5.10	4.93
<i>Equivalent returns</i>							
Packinghouse door							
All	2.63	2.64	9.35	1.18	2.52	1.71	1.39
Fresh	2.65	2.65	11.71	1.60	2.53	1.71	1.47
Processed	0.58	0.95	1.47	(0.07)	(0.09)	---	0.17
On-tree							
All	1.59	1.60	8.23	0.03	1.35	0.52	0.17
Fresh	1.61	1.61	10.58	0.45	1.36	0.52	0.25
Processed	(0.46)	(0.10)	0.35	(1.22)	(1.26)	---	(1.05)

1/ Net weight per carton, 37.5 pounds.

Navel, Sweet, and Miscellaneous Oranges: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Utilization of Production			County and Year	Harvested Acres	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total				Fresh	Processed	Total
		Cartons	1,000 Cartons 2/					Cartons	1,000 Cartons 2/		
Maricopa 3/						Yuma					
1996/97	4,600	213	813	168	981	1996/97	300	397	111	8	119
1997/98	4,300	146	428	200	628	1997/98	300	240	42	30	72
1998/99	3,200	318	840	178	1,018	1998/99	300	273	52	30	82
1999/00	3,200	337	792	286	1,078	1999/00	300	407	74	48	122
2000/01	3,200	259	540	288	828	2000/01	300	440	84	48	132
2001/02	3,200	128	332	76	408	2001/02	300	440	86	46	132
2002/03	2,700	112	232	70	302	2002/03	300	327	60	38	98

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Net weight per carton, 37.5 pounds.

3/ Includes Pinal County to avoid disclosure of individual operations.

Navel, Sweet, and Miscellaneous Oranges: Acreage, Yield, Production, Price, and Value 1/

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Harvested (Acres)	4,900	4,600	3,500	3,500	3,500	3,500	3,000
Yield per acre (Cartons)	224	152	314	342	274	154	134
Utilization of Production (1,000 Cartons) 2/							
Fresh	924	470	892	866	624	418	292
Processed	176	230	208	334	336	122	108
Total	1,100	700	1,100	1,200	960	540	400
Season average price (\$ per Carton) 3/	4.39	2.73	8.19	3.45	3.27	6.37	3.57
Value of production (1,000 Dollars)	4,825	1,910	9,006	4,135	3,140	3,440	1,425

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Net weight per carton, 37.5 pounds.

3/ Equivalent packinghouse door returns. Marketing season November-June.

Navel, Sweet, and Miscellaneous Oranges: Season Average Price and Equivalent Returns by Utilization

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
	----- Dollars per Carton 1/ -----						
F.O.B. packed fresh	8.25	7.10	13.40	8.20	8.55	11.80	8.35
<i>Equivalent returns</i>							
Packinghouse door							
All	4.39	2.73	8.19	3.45	3.27	6.37	3.57
Fresh	5.24	4.09	10.06	4.79	5.07	8.25	4.80
Processed	(0.10)	(0.05)	0.18	(0.04)	(0.07)	(0.08)	0.21
On-tree							
All	3.40	1.74	7.08	2.32	2.12	5.20	2.40
Fresh	4.25	3.10	8.95	3.66	3.92	7.08	3.63
Processed	(1.09)	(1.04)	(0.93)	(1.17)	(1.23)	(1.25)	(0.95)

1/ Net weight per carton, 37.5 pounds.

All Oranges: Acreage, Yield, and Production by County 1/

County and Year	Harvested Acres	Yield per Acre	Utilization of Production			County and Year	Harvested Acres	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total				Fresh	Processed	Total
		Cartons	1,000	Cartons	2/			Cartons	1,000	Cartons	2/
Maricopa 3/						Yuma					
1996/97	7,300	299	2,008	178	2,186	1996/97	2,700	227	598	16	614
1997/98	6,800	236	1,400	202	1,602	1997/98	2,300	173	364	34	398
1998/99	4,600	320	1,292	182	1,474	1998/99	2,300	359	524	302	826
1999/00	4,600	368	1,404	290	1,694	1999/00	1,600	316	208	298	506
2000/01	4,900	305	1,203	292	1,495	2000/01	1,500	203	257	48	305
2001/02	4,900	161	711	76	787	2001/02	1,500	169	207	46	253
2002/03	4,500	171	676	92	768	2002/03	1,300	132	122	50	172

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Net weight per carton, 37.5 pounds.

3/ Includes Pinal County to avoid disclosure of individual operations.

All Oranges: Acreage, Yield, Production, Price, and Value 1/

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Harvested (Acres)	10,000	9,100	6,900	6,200	6,400	6,400	5,800
Yield per acre (Cartons)	280	220	334	354	282	162	162
Utilization of Production (1,000 Cartons) 2/							
Fresh	2,606	1,764	1,816	1,612	1,460	918	798
Processed	194	236	484	588	340	122	142
Total	2,800	2,000	2,300	2,200	1,800	1,040	940
Season average price (\$ per Carton) 3/	3.32	2.68	8.80	2.42	2.92	4.13	2.31
Value of production (1,000 Dollars)	9,292	5,345	20,227	5,308	5,255	4,295	2,172

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Net weight per carton, 37.5 pounds.

3/ Equivalent packinghouse door returns.

All Oranges: Season Average Price and Equivalent Returns by Utilization

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
	----- Dollars per Carton 1/ -----						
F.O.B. packed fresh	6.55	6.00	14.15	6.65	7.00	8.15	6.20
<i>Equivalent returns</i>							
Packinghouse door							
All	3.32	2.68	8.80	2.42	2.92	4.13	2.31
Fresh	3.57	3.04	10.90	3.31	3.62	4.69	2.69
Processed	(0.04)	(0.03)	0.92	(0.05)	(0.07)	(0.08)	0.21
On-tree							
All	2.30	1.65	7.68	1.28	1.76	2.95	1.11
Fresh	2.55	2.01	9.78	2.17	2.45	3.50	1.48
Processed	(1.03)	(1.02)	(0.20)	(1.19)	(1.23)	(1.26)	(0.97)

1/ Net weight per carton, 37.5 pounds.

Tangerines: Acreage, Yield, and Production by County 1/ 2/

County and Year	Harvested Acres	Yield per Acre	Utilization of Production			County and Year	Harvested Acres	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total				Fresh	Processed	Total
		Cartons	1,000 Cartons 3/					Cartons	1,000 Cartons 3/		
Maricopa 4/						Yuma					
1996/97	3,200	359	1,054	94	1,148	1996/97	2,100	168	300	52	352
1997/98	3,200	233	625	119	744	1997/98	2,000	228	339	117	456
1998/99	3,200	275	650	230	880	1998/99	2,700	378	790	230	1,020
1999/00	3,000	265	530	265	795	1999/00	2,900	312	650	255	905
2000/01	2,400	182	287	149	436	2000/01	3,100	279	649	215	864
2001/02	2,300	170	351	40	391	2001/02	3,000	283	791	58	849
2002/03	2,200	195	367	61	428	2002/03	3,000	144	387	45	432

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Includes tangelos and tangors.

3/ Net weight per carton, 37.5 pounds.

4/ Includes Pinal County to avoid disclosure of individual operations.

Tangerines: Acreage, Yield, Production, Price, and Value 1/ 2/

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Harvested (Acres)	5,300	5,200	5,900	5,900	5,500	5,300	5,200
Yield per acre (Cartons)	284	230	322	288	236	234	166
Utilization of Production (1,000 Cartons) 3/							
Fresh	1,354	964	1,440	1,180	936	1,142	754
Processed	146	236	460	520	364	98	106
Total	1,500	1,200	1,900	1,700	1,300	1,240	860
Season average price (\$ per Carton) 4/	7.57	6.27	9.06	4.87	6.84	7.92	9.05
Value of production (1,000 Dollars)	11,354	7,519	17,217	8,279	8,887	9,812	7,777

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit, and Vegetable Standardization.

2/ Includes tangelos and tangors.

3/ Net weight per carton, 37.5 pounds.

4/ Equivalent packinghouse door returns. Marketing season November-May.

Tangerines: Season Average Price and Equivalent Returns by Utilization 1/

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
	----- Dollars per Carton 2/ -----						
F.O.B. packed fresh	11.35	10.75	14.95	10.30	12.85	11.95	13.75
<i>Equivalent returns</i>							
Packinghouse door							
All	7.57	6.27	9.06	4.87	6.84	7.92	9.05
Fresh	8.40	7.80	11.76	7.05	9.53	8.56	10.29
Processed	(0.14)	0.00	0.63	(0.07)	(0.09)	0.37	0.17
On-tree							
All	6.53	5.23	7.94	3.72	5.67	6.72	7.83
Fresh	7.36	6.76	10.63	5.90	8.36	7.37	9.07
Processed	(1.18)	(1.04)	(0.50)	(1.22)	(1.26)	(0.83)	(1.05)

1/ Includes tangelos and tangors.

2/ Net weight per carton, 37.5 pounds.

Grapes: Acreage, Yield, Production, Price, and Value

	1997	1998	1999	2000	2001	2002	2003
Harvested (Acres) 1/	4,300	4,300	4,100	4,100	3,200	2,400	2,100
Yield per acre (Tons) 2/	5.81	5.35	5.12	4.88	4.84	3.50	3.81
Total production (Tons)	25,000	23,000	21,000	20,000	15,500	8,400	8,000
Utilized production (Tons)	25,000	23,000	21,000	20,000	15,500	8,400	8,000
Season average price (\$ per Ton) 3/	588.00	751.00	801.00	718.00	576.00	947.00	1,030.00
Value of utilized production (1,000 Dollars)	14,694	17,276	16,821	14,369	8,921	7,953	8,204

1/ Area acreage estimates developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization, Arizona Cooperative Extension Service, Arizona Wine Growers Association, and local growers.

2/ Yield is based on total production.

3/ Average price for the June 5-July 15 marketing season.

Deciduous Fruits: Acreage, Production, and Value 1/

	1998	1999	2000	2001	2002	2003
	----- Peaches -----					
Acres in production (Acres)	49	65	65	65	60	90
Utilized production (1,000 Units) 2/	35	50	53	50	44	67
Value of production (1,000 Dollars)	141	208	214	229	473	325
	----- Miscellaneous Fruit 3/ -----					
Acres in production (Acres)	1,240	776	972	1,238	1,233	1,416
Value of production (1,000 Dollars)	2,831	1,635	2,252	2,836	6,766	4,451

1/ Developed with the assistance of the Arizona Citrus, Fruit and Vegetable Standardization, the Arizona Cooperative Extension Service, Market News Service, and local growers.

2/ Net weight per unit, 26 pound carton.

3/ Includes apricots, cherries, dates, figs, nectarines, olives, pears, plums and walnuts. Utilized production not published due to the different units of production.

Nuts: Production, Price, and Value

	1998	1999	2000	2001	2002	2003
	----- Pecans -----					
Utilized production (1,000 Pounds)	13,000	22,800	14,500	21,000	16,000	22,500
Price per Pound (Dollars)	1.590	1.190	1.310	0.460	1.030	1.040
Value of production (1,000 Dollars)	20,670	27,132	18,995	9,660	16,480	23,400
	----- Pistachio 1/ -----					
Acres in production (Acres)	2,735	2,800	2,700	2,300	2,300	2,300
Utilized production (1,000 Pounds)	3,897	4,900	4,000	1,175	5,260	1,250
Value of production (1,000 Dollars)	7,717	7,350	4,010	1,002	5,491	1,249

1/ Developed with the assistance of the Arizona Citrus, Fruit and Vegetable Standardization, the Arizona Cooperative Extension Service, Market News Service, and local growers.

Floriculture

The 2003 wholesale value of floriculture crops produced in Arizona was up 9 percent from the revised 2002 valuation. The total crop value at wholesale for all growers with \$10,000 or more in sales is estimated at \$35.6 million for 2003, compared with \$32.7 million for 2002. California is again the leading State with crops valued at just over \$1.00 billion, down 2 percent from the previous year. The top 5 States are California, Florida, Michigan, Texas, and New York which account for \$2.66 billion, 52 percent of the total value. There were 40 growers in Arizona, down 4 from the previous year.

The total wholesale value of floriculture crops grown by operations exceeding the \$100,000 sales level is \$31.0 million for 2003, up 9 percent from the 2002 total of \$28.5 million. These operations, which comprise 50 percent of all growers, account for 87 percent of the total value of floriculture crops.

Total covered area for floriculture crop production is estimated at 3.58 million square feet, 5 percent less than the revised 2002 estimate. Open ground usage totals 312 acres, down from 388 a year ago.

Number of Growers, Growing Area by Type of Cover, and Wholesale Value, for Operations with \$10,000+ Sales, 1997-2003

Year	Total Number of Growers	Covered Greenhouses			
		Glass	Fiber Glass	Film Plastic	Total
	Number	Thousand Square Feet			
1997	42	17	418	1,528	1,963
1998	39	12	914	1,197	2,123
1999	35	10	1,124	1,123	2,257
2000	31		1,145	1,093	2,238
2001	34	5	867	1,462	2,334
2002	44	470	867	1,518	2,855
2003	40	461	657	1,557	2,675

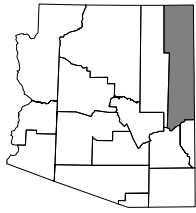
Year	Shade and Temporary Cover	Total Covered Area	Open Ground	Expanded Wholesale Value - Reported Crops Only
	Thousand Square Feet		Acres	Thousand Dollars
1997	696	2,659	394	32,235
1998	771	2,894	291	41,447
1999	654	2,911	323	43,837
2000	653	2,891	294	27,706
2001	853	3,187	380	30,430
2002	913	3,768	388	32,686
2003	903	3,578	312	35,569

Floriculture: Production, Sales, and Price, \$100,000+ Sales, 2002-2003

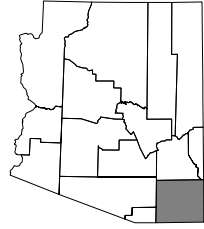
Item	Producers		Quantity Sold		Value of Sales at Wholesale		% of Sales at Wholesale		Wholesale Price	
	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003
	Number		1,000 Units		\$1,000		Percent		\$/Unit	
<u>Potted Flowering Plants:</u>										
Total:					1,885	1,923				
Poinsettias	6	8	452	441	1,836	1,874	97	97	4.85	4.25
<u>Foliage Plants:</u>										
Foliage Hanging Baskets		7		61		284		99		4.65
<u>Bedding/Garden Plants:</u>										
Total: 2/ Flats:					26,631	29,113				
Begonias 1/		9		9		89		98		9.85
Geranium (from seed)	1	2	12	11	161	176	100	98	13.40	15.96
Pansy/Violas	7	9	136	150	1,202	1,466	100	98	8.84	9.77
Petunias	9	11	256	227	2,537	2,186	99	99	9.91	9.63
Other Flowering/Foliar	9	11	669	960	6,697	9,677	99	99	10.01	10.08
Vegetable Type 1/		8		47		467		97		9.93
Pots:										
Geranium (cuttings)	8	9	862	954	1,375	1,892	97	98	1.60	1.98
Impatiens	4	3	29	16	26	17	73	51	0.90	1.08
Pansy/Violas	4	4	439	401	419	394	75	73	0.96	0.98
Petunias	5	6	715	694	916	827	91	91	1.28	1.19
Other Flowering/Foliar	7	9	4,149	4,311	6,699	7,206	93	93	1.61	1.67
Vegetable Type	6	5	387	190	543	310	97	94	1.40	1.63
<u>Hanging Baskets:</u>										
Geranium (Cuttings) 1/	5		12		92		93		7.67	
Other Flowering	6	7	54	121	507	1,061	89	95	9.38	8.77

1/ Missing data were included in Other States to avoid disclosure of individual operations.

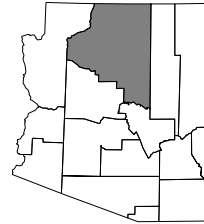
2/ Includes Annual Bedding Plants and Herbaceous Perennials.

APACHE COUNTY

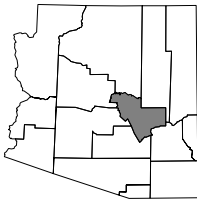
<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Alfalfa hay	1/				Crops \$198,000	15
Other hay	1/				Livestock \$12,484,000	9
<u>Livestock Inventory January 1, 2004</u>						
					All cattle and calves 35,000	6
					All sheep and lambs 24,000	3

COCHISE COUNTY

<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Upland cotton	2,200	851 pounds	3,900 bales	7	Crops \$46,598,000	7
Durum wheat	3,500	5,910 pounds	10,350 tons	6	Livestock \$35,171,000	6
Other wheat	1/				<u>Livestock Inventory January 1, 2004</u>	
Barley	2,000	5,760 pounds	5,760 tons	3	All cattle and calves 48,000	4
Corn for grain	17,300	10,770 pounds	93,100 tons	1		
Alfalfa hay	9,000	8.33 tons	75,000 tons	5		
Other hay	3,000	3.50 tons	10,500 tons	5		
Principal vegetables	1/					

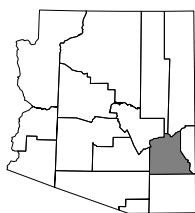
COCONINO COUNTY

<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Alfalfa hay	1/				Crops \$651,000	11
Other hay	1/				Livestock \$16,107,000	8
<u>Livestock Inventory January 1, 2004</u>						
					All cattle and calves 25,000	7
					All sheep and lambs 11,000	5

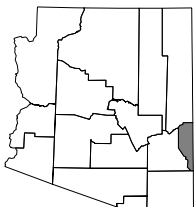
GILA COUNTY

<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Barley	1/				Crops \$224,000	13
Alfalfa hay	1/				Livestock \$3,727,000	14
Other hay	1/				<u>Livestock Inventory January 1, 2004</u>	
					All cattle and calves 4,000	12

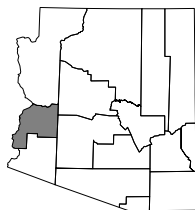
1/ Estimates too small to warrant estimate or not published to avoid disclosure of individual operations.

GRAHAM COUNTY

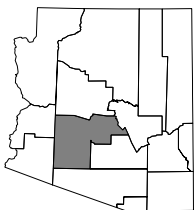
<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Upland cotton	21,500	1,014 pounds	45,400 bales	4	Crops	\$65,136,000 5
Durum wheat	1,000	5,920 pounds	2,960 tons	6	Livestock	\$6,216,000 12
Other wheat	1/					
Barley	1/					
Corn for grain	1,000	10,920 pounds	5,460 tons	2	<u>Livestock Inventory January 1, 2004</u>	
Alfalfa hay	1/				All cattle and calves	19,000 8
Other hay	1/					

GREENLEE COUNTY

<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Upland cotton	1/				Crops	\$758,000 10
Durum wheat	1/				Livestock	\$4,997,000 13
Corn for grain	1/					
Alfalfa hay	1/				<u>Livestock Inventory January 1, 2004</u>	
Other hay	1/				All cattle and calves	7,000 11
					All sheep and lambs	1,000 6

LA PAZ COUNTY

<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Upland cotton	16,000	1,350 pounds	45,000 bales	5	Crops	\$71,894,000 4
Durum wheat	8,000	6,080 pounds	24,300 tons	4	Livestock	\$979,000 15
Other wheat	2,200	5,730 pounds	6,300 tons	2		
Barley	1/				<u>Livestock Inventory January 1, 2004</u>	
Corn for grain	1/				All cattle and calves	2,000 13
Alfalfa hay	61,000	8.03 tons	490,000 tons	2		
Other hay	4,000	4.50 tons	18,000 tons	3		
Principal vegetables 2/	3,100	338 cwt	1,049,000 cwt	4		

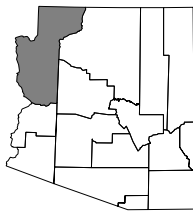
MARICOPA COUNTY

<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Upland cotton	39,800	1,206 pounds	100,000 bales	2	Crops	\$326,425,000 2
Durum wheat	15,600	5,690 pounds	44,400 tons	3	Livestock	\$544,994,000 1
Other wheat	2,100	6,140 pounds	6,450 tons	1		
Barley	14,300	5,520 pounds	39,430 tons	1	<u>Livestock Inventory January 1, 2004</u>	
Corn for grain	600	10,460 pounds	3,140 tons	5	All cattle and calves	245,000 1
Alfalfa hay	74,000	8.24 tons	610,000 tons	1	All sheep and lambs	12,000 4
Other hay	6,000	3.83 tons	23,000 tons	2		
Principal vegetables 2/	17,350	334 cwt	5,797,000 cwt	2		
Citrus 3/	9,300	209 ctn	1,943,000 ctn	2		

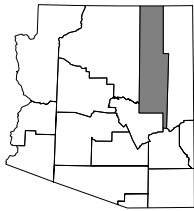
1/ Estimates too small to warrant estimate or not published to avoid disclosure of individual operations.

2/ Includes lettuce (head, leaf, romaine), broccoli, cauliflower, dry onions, honeydews, cantaloupes, and watermelons.

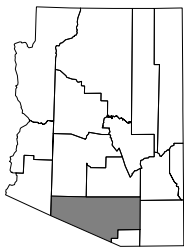
3/ Includes Pinal County.

MOHAVE COUNTY

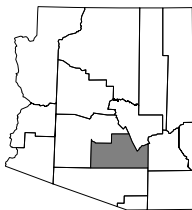
<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Upland cotton	1/				Crops	\$9,001,000 8
Barley	1/				Livestock	\$8,680,000 10
Alfalfa hay	6,000	7.33 tons	44,000 tons	6		
Other hay	1,500	4.67 tons	7,000 tons	6	<u>Livestock Inventory January 1, 2004</u>	
					All cattle and calves	15,000 9

NAVAJO COUNTY

<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Other wheat	1/				Crops	\$548,000 12
Corn for grain	1/				Livestock	\$40,698,000 5
Alfalfa hay	1/					
Other hay	1/				<u>Livestock Inventory January 1, 2004</u>	
					All cattle and calves	25,000 7
					All sheep and lambs	11,000 5

PIMA COUNTY

<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Upland cotton	12,900	927 pounds	24,900 bales	6	Crops	\$47,096,000 6
Durum wheat	7,000	5,660 pounds	19,800 tons	5	Livestock	\$19,551,000 7
Other wheat	1/					
Barley	1/				<u>Livestock Inventory January 1, 2004</u>	
Corn for grain	1/				All cattle and calves	25,000 7
Alfalfa hay	1/					
Other hay	1/					

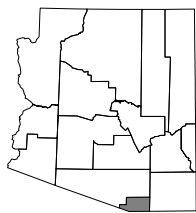
PINAL COUNTY

<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Upland cotton	91,000	1,350 pounds	256,000 bales	1	Crops	\$148,591,000 3
Durum wheat	33,500	6,000 pounds	100,500 tons	2	Livestock	\$384,938,000 2
Other wheat	1/					
Barley	11,700	5,900 pounds	34,500 tons	2	<u>Livestock Inventory January 1, 2004</u>	
Corn for grain	900	11,200 pounds	5,040 tons	3	All cattle and calves	240,000 2
Alfalfa hay	40,000	9.50 tons	380,000 tons	3	All sheep and lambs	30,000 1
Other hay	3,000	4.67 tons	14,000 tons	4		
Principal vegetables 2/	3,900	386 cwt	1,504,000 cwt	3		

1/ Estimates too small to warrant estimate or not published to avoid disclosure of individual operations.

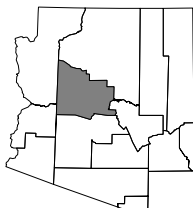
2/ Includes lettuce (head, leaf, romaine), broccoli, cauliflower, dry onions, honeydews, cantaloupes, and watermelons.

SANTA CRUZ COUNTY



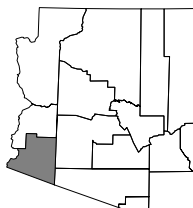
<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Alfalfa hay	1/				Crops \$222,000	14
Other hay	1/				Livestock \$8,672,000	11
<u>Livestock Inventory January 1, 2004</u>						
					All cattle and calves 10,000	10

YAVAPAI COUNTY



<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Barley	1/				Crops \$2,498,000	9
Corn for grain	1/				Livestock \$53,550,000	4
Alfalfa hay	1/					
Other hay	1/					
<u>Livestock Inventory January 1, 2004</u>						
					All cattle and calves 40,000	5

YUMA COUNTY



<u>Crops 2003</u>	<u>Acres harvested</u>	<u>Yield per acre</u>	<u>Production</u>	<u>Rank</u>	<u>Cash receipts 2003</u>	<u>Rank</u>
Upland cotton	24,500	1,254 pounds	64,000 bales	3	Crops \$607,580,000	1
Durum wheat	46,000	6,160 pounds	141,740 tons	1	Livestock \$117,839,000	3
Barley	1,500	5,230 pounds	3,920 tons	4		
Corn for grain	800	10,920 pounds	4,370 tons	4	<u>Livestock Inventory January 1, 2004</u>	
Alfalfa hay	31,000	9.68 tons	300,000 tons	4	All cattle and calves 110,000	3
Other hay	18,000	4.17 tons	75,000 tons	1	Sheep and lambs 25,000	2
Principal vegetables 2/	89,050	329 cwt	29,297,000 cwt	1		
Citrus	18,000	340 ctn	6,117,000 ctn	1		

1/ Estimates too small to warrant estimate or not published to avoid disclosure of individual operations.

2/ Includes lettuce (head, leaf, romaine), broccoli, cauliflower, dry onions, honeydews, cantaloupes, and watermelons.

Farm Labor

The farm employment and wage rate estimates are for the week that includes the 12th of the month, which corresponds to the week specified in general employment and wage series of other Government agencies.

Hired workers include family members and other workers who are paid by the farm or ranch operator for working on agricultural jobs for 1 hour or more during the week of the 12th.

Workers paid by a crew leader or agricultural service firm hired by the farm or ranch operator to perform specific tasks are not included in the number of hired workers or wage rate statistics. A separate tabulation of these agricultural service workers is maintained only for the Nation, California, and Florida.

**Hired Workers:
Number, Hours Worked, and Wage Rates, By Survey Week, January 1999-April 2004 1/**

Survey Week and Year	Hired				Type of Worker			Wage Rates for All Hired Workers
	Number of Workers	Expected to be Employed		Number of Hours Worked	Field	Livestock	Field & Livestock Combined	
		150 Days or More	149 Days or Less					
	1,000	1,000	1,000	Hours per Week	Dollars per Hour	Dollars per Hour	Dollars per Hour	Dollars per Hour
<u>1999</u>								
January 10-16	16	15	1	43.4	6.66	7.06	6.75	7.18
April 11-17	20	17	3	44.1	6.77	7.58	6.96	7.65
July 11-17	19	15	4	47.2	6.52	6.68	6.56	7.17
October 10-16	22	19	3	44.9	6.51	7.40	6.69	7.12
<u>2000</u>								
January 9-15	20	18	2	43.5	6.51	6.83	6.57	7.22
April 9-15	15	13	2	50.7	6.71	6.53	6.68	7.30
July 9-15	20	16	4	46.6	6.43	7.17	6.63	7.30
October 8-14	21	18	3	43.6	6.71	7.73	6.96	7.52
<u>2001</u>								
January 7-13	18	16	2	44.2	6.71	7.35	6.91	7.72
April 8-14	22	19	3	46.1	6.92	6.80	6.90	7.46
July 8-14	18	15	3	47.7	7.00	8.52	7.46	8.12
October 7-13	17	14	3	46.6	6.87	8.13	7.25	7.85
<u>2002</u>								
January 6-12	18	16	2	47.7	7.57	8.48	7.85	8.42
April 7-13	20	18	2	46.2	7.51	8.35	7.71	8.21
July 7-13	17	14	3	42.8	7.15	8.11	7.43	8.03
October 6-12	19	16	3	45.7	7.07	8.24	7.42	8.25
<u>2003</u>								
January 12-18	22	20	2	47.2	6.92	8.22	7.48	8.12
April 6-12	16	15	1	47.3	7.10	8.24	7.52	7.93
July 6-12	18	16	2	47.7	7.11	8.41	7.55	8.07
October 12-18	18	15	3	47.9	7.16	8.73	7.63	8.18
<u>2004</u>								
January 11-17	16	15	1	44.9	7.44	7.98	7.69	8.37
April 11-17	17	16	1	45.7	7.55	8.20	7.81	8.37

1/ Mountain III region includes Arizona and New Mexico. Excludes agricultural service workers.

Usual Planting & Harvesting Dates

 Planting
  Begin, End Harvest
  Most Active Harvest

Crop	Jan.			Feb.			Mar.			Apr.			May			Jun.			Jul.			Aug.			Sep.			Oct.			Nov.			Dec.		
	1	10	20	1	10	20	1	10	20	1	10	20	1	10	20	1	10	20	1	10	20	1	10	20	1	10	20	1	10	20	1	10	20	1	10	20
All Cotton																																				
Alfalfa Hay																																				
All Wheat																																				
Barley																																				
Corn for Grain																																				
Spring Potatoes																																				
Western Lettuce																																				
Spring Lettuce																																				
Fall Lettuce																																				
Dry Onions																																				
Broccoli																																				
Cauliflower																																				
Carrots																																				
Spring Honeydews																																				
Fall Honeydews																																				
Summer Cantaloupe																																				
Fall Cantaloupe																																				
Watermelon																																				
Grapefruit																																				
Navel Oranges																																				
Valencia Oranges																																				
Lemons																																				
Tangerines																																				
Grapes																																				
Apples																																				
Pecans																																				

Upland Cotton: Estimated Percentage Planted to Specified Varieties 1/

Variety	1999	2000	2001	2002	2003
	----- Percent -----				
Deltapine DP 449 BG/RR					37.09
Deltapine DP 422 B/RR			5.68	0.37	15.70
Deltapine DP 555 BG/RR				0.44	4.26
Stoneville ST 5599 BR					2.99
Stoneville ST 4691B			2.05	0.38	2.91
Deltapine DP 655 B/RR	0.31	6.13	8.58	8.49	2.87
Stoneville ST 4892 BR		1.63	2.16	0.10	2.84
Stoneville ST 457				0.07	2.78
AZ Cotton Growers AG 3601				4.03	2.49
Stoneville ST 5303R					2.05
Deltapine DP 5690 RR	4.04	1.86	7.46	7.36	1.74
Deltapine DP 451 B/RR			3.83	7.23	1.63
Deltapine DP 388		1.34	3.03	0.34	1.59
Bayer CropScience-Fibermax FM 989 BR				1.62	1.53
Deltapine NuCOTN 33 B	31.19	26.31	13.09	8.08	1.50
Stoneville BXN 49B				0.12	1.38
Bayer CropScience-Fibermax FM 989 RR				0.85	1.30
Deltapine DP 436 RR	0.17	0.55	0.90	0.81	0.83
Stoneville AP 7126				2/	0.77
Deltapine DP 448 B				6.75	0.71
Sure-Grow SG 125 BR	2.00	1.52	0.86	0.27	0.70
Deltapine DP 5690	0.34	2/	4.60	4.24	0.68
Stoneville AP 9257			0.71	2/	0.65
Sure-Grow SG 96					0.45
Deltapine DP 20 B	5.51	4.25	6.04	4.03	0.29
Sure-Grow SG 821	1.28	0.71		0.10	0.25
Deltapine DP 565			3.06	0.77	0.25
Acala 1517-77 BR				4.07	0.23
Deltapine 50	2.17	1.83		4.34	0.21
Paymaster PM 1560 BG/RR			4.93	0.10	0.15
Stoneville ST 474	3.43	1.20	1.57	0.24	0.11
Agripro AP 7115	0.18	0.55	1.75	0.07	0.10
Deltapine DPLX 01X99R					0.09
Sure-Grow SG 747	1.24	1.24		0.07	0.08
Stoneville ST 4793R			2.00	0.28	0.08
Agripro AP 6101	5.22	6.39	1.25		0.07
Deltapine DP 468 BGII/RR					0.07
Sure-Grow SG 521R				0.08	0.06
Deltapine DP 5415 RR	0.90	3.98	3.05	6.45	0.05
All Other 3/	42.02	40.51	23.40	27.85	6.47

1/ Ranked by largest percent in 2003.

2/ Less than 0.05 percent. Included in 'All Other.'

3/ Includes most commonly used varieties. Source: United States Department of Agriculture, Agricultural Marketing Service, Cotton Division.

Pima Cotton: Estimated Percentage Planted to Specified Varieties 1/

Variety	1999	2000	2001	2002	2003
	----- Percent -----				
Deltapine DP HTO Pima	27.70	19.06	4.48	35.89	90.10
Deltapine DP 340 Pima			0.32	14.80	9.90
CPCSD Pima S-7	61.61	73.99	88.87	39.75	
Deltapine DP 744 Pima				9.15	
Phytogen PHY 76 Pima				0.41	
All Other 2/	10.69	6.95	6.30		

1/ Ranked by largest percent in 2003.

2/ Includes most commonly used varieties. Source: United States Department of Agriculture, Agricultural Marketing Service, Cotton Division.

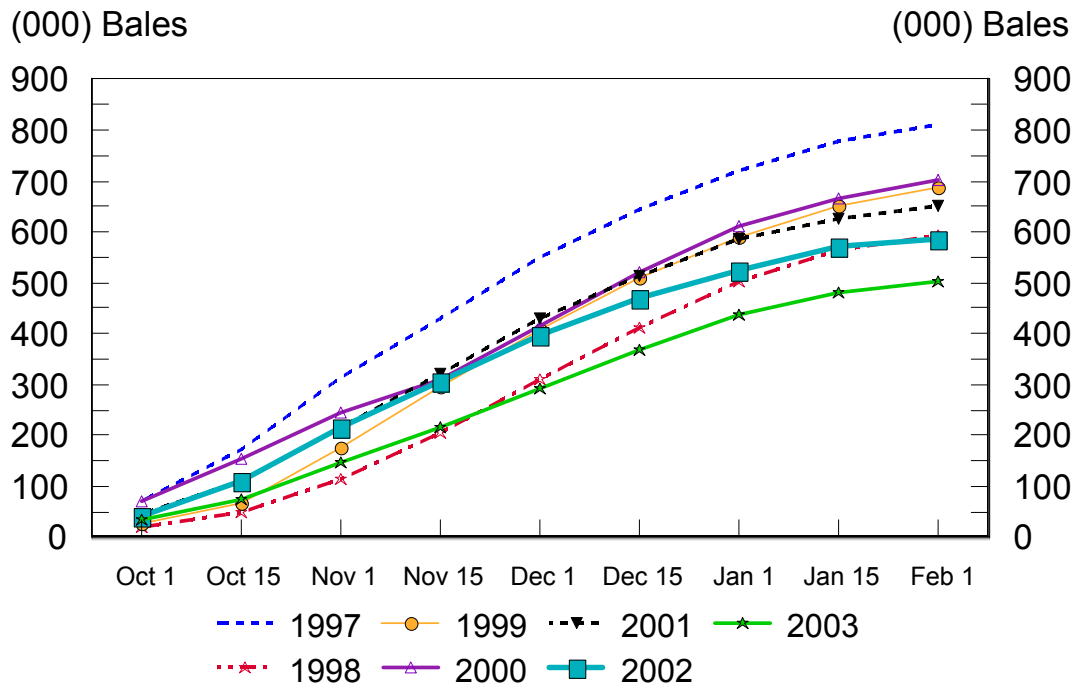
Cotton Progress

Survey Week	1997	1998	1999	2000	2001	2002	2003
	-----Percent of Acreage-----						
<u>Planted:</u>							
March 30	24	12	5	0	15	15	0
April 10	39	18	14	29	27	28	12
April 20	63	34	30	49	48	51	35
April 30	82	65	58	65	65	68	65
May 10	94	89	80	83	85	90	68
May 20	98	96	89	96	97	97	83
May 30	100	99	97	100	100	100	88
<u>Squaring:</u>							
May 30	38	2	9	15	15	18	14
June 10	65	27	27	39	44	45	37
June 20	80	56	58	73	68	69	47
June 30	91	78	83	87	85	88	56
July 10	97	89	95	99	98	98	72
July 20	100	98	99	100	100	100	84
<u>Setting Bolls:</u>							
June 20	28	3	10	15	20	20	5
June 30	49	12	19	35	35	40	15
July 10	68	21	44	52	55	64	40
July 20	94	38	60	77	74	80	65
July 30	97	97	84	94	96	97	80
August 10	100	100	100	100	100	100	90
<u>Open Bolls:</u>							
August 10	25	3	8	24	25	27	16
August 20	47	17	20	58	42	48	36
August 30	66	38	43	69	67	66	50
September 10	91	73	78	88	89	92	75
September 20	98	90	92	98	95	97	94
September 30	100	94	98	100	99	100	99
October 10		97	100		100		99
<u>Harvested:</u>							
September 10	4	2	0	4	5	4	0
September 20	14	7	3	12	10	12	3
September 30	26	11	7	20	16	19	9
October 10	36	16	13	29	26	28	13
October 20	47	30	25	44	41	40	23
October 30	61	50	40	56	57	58	38
November 10	75	65	56	68	66	68	55
November 20	86	78	70	84	77	79	63
November 30	91	83	82	91	85	87	74
December 10	93	86	87	98	92	94	87
December 20	95	94	95	100	97	97	93
December 30	96	96	99		99	99	99
January 10	99	99	100		100	100	100

All Cotton: Running Bales Ginned and Produced

Upland				American-Pima			
Year	Running Bales Ginned	Equivalent 480-Pound Bales Ginned	Running Bales Produced	Year	Running Bales Ginned	Equivalent 480-Pound Bales Ginned	Running Bales Produced
-----Bales-----				-----Bales-----			
1997	803,150	824,550	824,800	1997	41,200	42,350	40,600
1998	575,350	591,400	591,450	1998	25,400	26,750	25,350
1999	679,900	695,750	699,600	1999	16,000	16,600	15,800
2000	746,100	761,000	775,450	2000	7,300	7,500	7,000
2001	642,750	659,900	671,950	2001	14,100	14,600	14,000
2002	579,400	598,450	592,900	2002	16,800	17,450	16,600
2003	509,600	525,400	531,550	2003	4,400	4,600	4,400

All Cotton Running Bales Ginned 1997-2003



Pesticide Use by Type, 2003 1/

Active Ingredient	Acres Treated	Pounds Applied	Active Ingredient	Acres Treated	Pounds Applied
Insecticides			Herbicides		
Acephate	97,038	329,104	2,4-D	2,578	2,927
Azinphos-methyl	206	1,127	2,4-DB, Dimeth. salt	1,816	2,824
Bifenthrin	24,712	3,829	2,4-D, Dimeth. salt	4,293	15,910
Bt (Bacillus thur.)	6,841	N/A	Acifluorfen	6,924	1,496
Carbofuran	10,845	48,260	Atrazine	9,799	30,002
Chlorpyrifos	111,732	111,990	Benefin	23,698	153,461
Cyfluthrin	51,172	17,606	Bensulide	42,275	421,645
Cypermethrin	21,277	4,868	Bentazon	7,086	9,348
Diazinon	27,623	22,816	Bromoxynil	22,848	41,799
Dicofol	7,927	32,143	Clethodim	21,066	12,992
Dimethoate	82,343	175,204	Dicamba	6,614	6,393
Disulfoton	2,675	5,259	Diuron	32,199	13,790
Endosulfan	70,750	261,293	EPTC	2,011	49,685
Esfenvalerate	24,669	2,213	Fluazifop-P-butyl	806	1,678
Fenpropathrin	16,957	6,914	Glyphosate	48,163	223,578
Imidacloprid	49,714	10,810	Imazethapyr	5,694	1,201
Indoxacarb	61,496	17,216	Linuron	600	1,291
Kaolin	1,809	33,361	MCPA	14,961	46,081
Lambda-cyhalothrin	43,830	2,887	Norflurazon	488	2,048
Malathion	47,538	335,805	Oxyfluorfen	4,019	1,263
Methamidophos	2,548	7,620	Paraquat	605	4,019
Methomyl	116,861	201,151	Pendimethalin	18,702	69,822
Methyl parathion	2,782	15,482	Prometryn	11,390	47,846
Oxamyl	33,802	155,642	Pronamide	8,729	12,590
Oxydemeton-methyl	2,877	1,513	S-Metolachlor	7,479	5,515
Permethrin	72,377	35,165	Sethoxydim	6,924	3,349
Petroleum distillate	12,666	147,443	Simazine	864	2,379
Phorate	409	1,103	Tralkoxydim	1,565	1,775
Piperonyl butoxide	5,170	1,489	Trifluralin	52,817	294,521
Propargite	4,765	25,066	Other herbicides	12,059	3,877
Pyriproxyfen	40,012	7,902			
Spinosad	165,046	31,675	Other products		
Zeta-cypermethrin	188,631	31,013	Bacillus cereus	43,602	N/A
Other insecticides	39,871	3,971	Capsaicin	1,622	N/A
			Cytokinins	7,315	N/A
Fungicides			Dichloropropene	2,050	548,752
Azoxystrobin	2,748	1,526	Endothall	1,499	1,065
Chlorothalonil	10,836	52,275	Ethephon	10,279	27,427
Copper hydroxide	1,339	7,363	Gibberellic acid	3,768	N/A
Fosetyl-al	2,471	6,312	Indolebutyric Acid	3,623	N/A
Iprodione	5,379	10,941	Mepiquat chloride	89,762	11,242
Mancozeb	5,653	47,552	Metam-sodium	8,925	831,052
Maneb	44,800	155,774	Monocarbamide dihyd.	2,336	39,670
Mefenoxam	9,185	3,611	Sodium chlorate	8,065	306,802
Myclobutanil	7,203	2,700	Thiadiazuron	30,792	13,576
Neem oil	2,845	15,666	Tribufos	7,788	29,291
Phosphorous Acid	112	1,165			
Propiconazole	3,347	1,270			
Sulfur	56,700	439,010			
Thiophanate-methyl	6,546	5,383			
Vinclozolin	8,244	13,853			
Other fungicides	9,330	2,912			

1/ Data summarized from Arizona Department of Agriculture L1080 forms.

Chemical Applications on Lettuce

The Arizona Agricultural Statistics Office continues their series of on-farm agricultural chemical use statistics. The data presented in this summary are part of the data series on chemical use funded through the Water Quality Initiative.

The Water Quality Initiative is a multi-agency program designed to provide information for farmers, ranchers, and foresters to address on-farm and off-farm environmental issues. In the past, there has been an inadequate amount of farm level data to determine the magnitude of water quality problems or to permit an assessment of alternatives for farmers and other affected parties. This summary and other

agricultural chemical reports help fill the needs of analysts evaluating the complex environmental issues.

The Arizona Agricultural Statistics Office is responsible for collecting on-farm agricultural chemical use information to support the evaluation of water quality and food safety issues. The Economic Research Service (ERS) conducts research on the impact of alternative pesticide regulations, policies, and practices.

Included in this summary is farm use of pesticides during 2002 on lettuce grown in Arizona. This data was not collected in 2003, since the survey is conducted every other year.

Lettuce: Agricultural Chemical Applications, 2002

Active Ingredient	-----Head Lettuce 2/-----					-----Other Lettuce 3/-----				
	Area Applied	Applica-tions	Rate per Applica-tion	Rate per Crop Year	Total Applied	Area Applied	Applica-tions	Rate per Applica-tion	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre		1,000 Pounds	Percent	Number	Pounds per Acre		1,000 Pounds
Herbicides:										
Benefin	40	1.2	1.21	1.49	31.0					
Bensulide	27	1.0	3.93	3.94	56.5	17	1.5	3.98	6.10	19.7
Pronamide	41	1.1	0.74	0.82	17.6	65	1.6	0.79	1.27	15.3
Insecticides:										
Acephate	14	1.0	0.79	0.80	6.0					
Bt (Bacillus thur.) 1/	8	1.0								
Cypermethrin	35	1.0	0.08	0.08	1.5					
Diazinon	34	1.0	0.48	0.48	8.5	34	1.3	0.47	0.61	3.8
Dimethoate	10	1.1	0.24	0.28	1.4					
Endosulfan	18	1.0	0.92	0.94	8.7	4	1.1	0.87	1.00	0.7
Esfenvalerate	11	1.0	0.04	0.05	0.3					
Imidacloprid	18	1.0	0.18	0.19	1.7	22	1.9	0.22	0.43	1.8
Indoxacarb	27	1.0	0.06	0.07	0.9	33	1.6	0.06	0.11	0.7
Lambda-cyhalothrin	18	1.0	0.03	0.03	0.3	28	1.5	0.03	0.04	0.2
Methomyl	65	1.1	0.71	0.79	26.6	68	1.2	0.72	0.93	11.8
Permethrin	82	1.5	0.17	0.26	11.3	93	1.8	0.16	0.29	5.0
Spinosad	93	2.3	0.07	0.17	8.0	96	3.3	0.08	0.25	4.5
Tebufozide	22	1.1	0.12	0.13	1.5	26	1.2	0.12	0.15	0.7
Zeta-cypermethrin	57	1.4	0.04	0.07	2.0					
Fungicides:										
Maneb	44	1.0	1.22	1.24	28.5	37	2.2	1.39	3.11	21.1

1/ Rates and total applied are not available because amounts of active ingredient are not comparable between products.

2/ 51,900 planted acres.

3/ 21,400 planted acres.

Weather Effects on Arizona Agriculture in 2003

With Arizona's diverse topography, the State's temperatures range from the wintertime cold in the higher mountain areas to the searing summertime heat of the desert areas. Arizona's wide spectrum of climate and terrain support a remarkable agricultural diversity. All crops in Arizona are irrigated, meaning yield variability is less influenced by rainfall here than in the rain-dependent agricultural states. Weather conditions are still important to crop farmers in making planting and harvesting decisions. The highest recorded temperature in 2003 was 121 degrees at Parker on July 14. Flagstaff and Winslow recorded the lowest temperature of 1 degree above zero on December 28 and February 9, respectively.

Planting of the small grain acreage was complete by mid-February. Cotton planting began in early April, about a week later than the previous year.

Range and pasture conditions ranged from poor to excellent throughout the year. Livestock were reported in mostly fair condition.

Heavy rains in February and March brought much needed precipitation throughout Arizona. The precipitation brought improved conditions to range and pasture. Cotton growers wrapped up planting by mid-June. The State's small grain development was behind the average of previous years.

The harvest of small grain crops was completed by the third week of July. Range and pasture conditions improved slightly over the year with traces of rainfall scattered about the State. Cotton progress was behind average.

From October to December, range and pasture conditions declined due to lack of rainfall. Cotton harvest was virtually complete by the end of December.

Mean Monthly Temperature: 2003 and Long Term Average 1/

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	----- Degrees Fahrenheit -----												
Canyon de Chelly	39.3 32.0	38.6 38.0	45.8 45.7	52.7 53.2	66.1 62.2	72.8 71.7	81.5 77.2	78.2 75.3	68.0 67.2	59.5 54.9	42.3 42.1	35.5 32.5	56.7 54.3
Flagstaff	37.2 29.7	33.1 32.2	37.2 36.6	40.6 42.9	53.8 50.8	60.7 60.1	69.5 66.1	64.9 64.4	59.1 57.8	51.8 47.1	35.7 36.5	30.2 30.2	47.8 46.2
Grand Canyon	39.9 30.4	34.7 33.5	38.9 38.0	42.9 44.1	56.6 52.4	64.2 61.5	72.0 67.0	68.3 65.3	63.1 59.0	56.0 48.3	38.4 37.6	32.9 31.5	50.7 47.4
Winslow	38.8 34.2	39.3 40.0	46.0 46.3	51.1 53.4	65.1 62.2	73.0 72.1	81.9 77.5	76.7 75.6	69.6 68.2	60.5 55.9	41.9 43.2	34.6 34.1	56.5 55.2
Prescott	44.3 37.1	41.2 39.9	45.3 43.8	49.7 50.2	62.9 58.3	70.9 67.9	78.6 73.4	73.0 71.4	68.5 65.5	62.8 55.3	43.1 44.1	38.2 37.5	56.5 53.7
Payson	46.2 39.9	42.1 43.0	45.8 46.9	51.6 52.9	63.1 60.7	71.2 69.8	79.3 75.4	75.9 74.1	68.7 68.0	62.3 57.6	46.1 46.3	39.6 40.1	57.7 56.2
Parker	60.8 54.1	M M	M M	69.7 70.7	M M	90.5 87.7	M M	M M	90.8 86.2	M M	M M	M M	M M
Yuma	62.7 56.0	59.7 60.3	66.3 65.0	68.7 71.4	80.7 78.7	88.0 87.8	95.5 93.1	94.0 92.6	90.7 87.0	82.9 75.6	61.2 62.8	55.6 55.3	75.5 73.8
Casa Grande	57.1 52.4	55.2 56.3	60.8 61.0	66.1 68.1	77.8 76.7	85.0 85.8	93.1 90.4	91.1 88.5	85.6 83.0	77.8 71.6	58.1 58.8	52.5 51.9	71.7 70.4
Gila Bend	60.9 55.0	59.2 59.2	63.5 64.0	69.0 71.0	81.1 79.4	88.5 88.6	96.6 94.1	94.8 93.0	89.5 87.4	82.2 75.3	61.2 62.5	54.7 55.0	75.1 73.7
Phoenix	62.0 54.2	59.4 58.2	64.8 62.7	70.3 70.2	83.3 79.1	91.8 88.6	97.7 92.8	94.6 91.4	90.7 86.0	82.7 74.6	61.9 61.6	56.8 54.3	76.3 72.8
Douglas/Bisbee	49.5 45.8	49.7 49.2	53.4 53.9	60.7 60.3	71.3 68.3	78.7 77.2	83.2 79.0	80.5 77.3	76.5 73.5	68.3 63.6	54.0 52.5	45.1 45.9	64.2 62.2
Safford	50.1 44.6	50.1 49.0	53.7 54.5	62.0 61.4	73.1 70.1	80.9 79.5	86.4 83.2	83.9 81.3	77.5 75.7	70.5 64.7	53.6 52.1	44.9 44.4	65.6 63.4
Tucson	58.5 52.2	55.6 55.4	60.8 60.0	66.0 66.4	78.0 74.7	85.7 84.0	90.5 87.7	87.3 86.0	83.6 81.7	76.3 70.9	60.0 58.9	53.9 52.2	71.4 69.2
Willcox	49.1 44.1	49.2 47.7	53.0 52.5	59.7 58.8	70.6 66.7	78.5 75.5	84.1 79.5	81.2 77.8	76.3 72.4	68.1 61.7	52.5 50.3	44.2 43.8	63.9 60.9

1/ Top row 2003, bottom row long-term average. M - Missing Source: United States Department of Commerce, National Oceanic and Atmospheric Administration, Climatological Data

Total Precipitation: 2003 and Long-Term Average 1/

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	-----Inches-----												
Canyon de Chelly	0.13 0.81	1.25 0.64	0.74 0.73	0.01 0.58	0.00 0.57	T 0.33	0.67 1.09	0.66 1.33	0.78 0.92	0.83 1.06	0.50 0.82	1.57 0.65	7.14 9.53
Flagstaff	0.14 2.18	2.75 2.56	1.13 2.62	0.44 1.29	0.73 0.80	0.04 0.43	3.40 2.40	3.03 2.89	2.62 2.12	0.14 1.93	2.51 1.86	0.92 1.83	17.85 22.91
Grand Canyon	0.66 1.58	1.90 1.67	2.26 1.95	0.53 1.07	0.21 0.63	0.00 0.47	0.58 1.96	2.53 2.04	0.46 1.40	0.75 1.35	1.54 1.28	0.54 1.10	11.96 16.50
Winslow	0.03 0.46	0.65 0.53	0.16 0.61	0.10 0.27	0.04 0.36	0.01 0.30	T 1.18	0.18 1.31	0.08 1.02	0.02 0.90	0.57 0.55	0.60 0.54	2.44 8.03
Prescott	0.53 1.58	3.43 1.87	1.95 1.91	0.26 0.76	0.03 0.64	0.01 0.40	3.32 2.87	2.77 3.28	0.97 2.07	0.00 1.28	1.52 1.25	0.64 1.28	15.43 19.19
Payson	0.28 M	6.36 2.34	2.44 M	0.35 1.15	T 0.66	0.00 0.37	1.98 2.42	3.05 2.97	1.98 1.81	0.32 1.89	2.39 1.70	0.55 1.75	19.70 M
Parker	0.41 M	1.44 0.70	0.71 0.65	T 0.17	0.00 0.00	0.00 0.02	T 0.27	0.10 0.61	1.20 0.57	0.00 0.32	0.17 0.33	0.40 0.57	4.43 M
Yuma	0.00 0.46	1.49 0.41	0.35 0.36	0.04 0.16	0.00 0.04	0.00 0.06	0.59 0.25	0.51 0.63	0.18 0.45	0.00 0.33	0.41 0.23	0.03 0.42	3.60 3.80
Casa Grande	0.03 0.77	1.87 0.83	0.40 0.99	0.08 0.28	0.00 0.19	0.00 0.10	0.66 0.80	2.24 1.97	0.47 0.82	0.03 0.77	0.53 0.74	0.22 0.96	6.53 9.22
Gila Bend	1.37 0.62	2.06 0.87	0.90 0.72	0.56 0.20	0.00 0.15	0.00 0.04	0.62 0.76	0.85 1.20	2.46 0.53	0.00 0.52	1.29 0.56	0.50 0.84	10.61 7.01
Phoenix	0.57 0.83	3.15 0.77	0.51 1.07	0.17 0.25	0.00 0.16	0.00 0.09	0.61 0.99	0.51 0.94	0.25 0.75	0.21 0.79	0.65 0.73	0.19 0.92	6.82 8.29
Douglas/Bisbee	0.01 0.75	1.03 0.64	0.23 0.46	T 0.20	0.11 0.33	0.04 0.63	1.17 3.14	1.89 2.88	0.54 1.63	0.51 1.30	1.16 0.74	0.47 1.06	7.16 13.76
Safford	0.05 0.74	1.00 0.78	0.37 0.61	0.08 0.22	0.01 0.27	0.00 0.31	0.70 1.45	0.36 1.72	0.43 1.12	0.43 1.10	1.22 0.56	0.06 0.91	4.71 9.79
Tucson	0.04 0.91	1.66 1.11	0.57 0.96	0.02 0.33	0.23 0.20	0.00 0.15	1.41 1.57	3.33 2.29	1.31 1.15	0.35 1.03	1.00 0.72	0.32 0.99	10.24 11.41
Willcox	0.15 1.11	1.16 0.95	0.76 0.68	T 0.25	0.00 0.35	T 0.40	1.77 2.36	1.18 2.59	0.42 1.27	0.31 1.36	1.03 0.73	0.17 1.30	6.95 13.35

1/ Top row 2003, bottom row long-term average. M - Missing T - Trace Source: United States Department of Commerce, National Oceanic and Atmospheric Administration, Climatological Data

Freeze Dates: Last 32° Temperatures in Spring and First in Fall

District and Station	----1999----		----2000----		----2001----		----2002----		----2003----	
	Last in Spring	First in Fall	Last in Spring	First in Fall	Last in Spring	First in Fall	Last in Spring	First in Fall	Last in Spring	First in Fall
Canyon de Chelly	Apr 30	Sept 29	May 13	Sept 25	May 4	Oct 11	May 22	Oct 4	May 11	Oct 26
Flagstaff	June 11	Sept 4	June 11	Sept 25	June 15	Sept 9	May 25	Oct 3	May 12	Oct 4
Grand Canyon	June 7	Oct 8	May 12	Sept 24	June 14	Oct 10	May 25	Sept 30	May 12	Oct 26
Winslow	Apr 30	Oct 17	May 13	Oct 14	May 4	Oct 11	Apr 22	Oct 4	May 10	Oct 25
Prescott	Apr 29	Oct 18	May 12	Oct 12	May 4	Nov 14	Apr 21	Nov 1	May 10	Oct 26
Payson	May 5	Oct 18	Apr 19	Oct 31	Apr 23	Nov 14	May 2	Oct 3	May 10	Nov 4
Parker	Feb 12	Dec 15	Jan 9	M	M	M	M	M	1/	Dec 29
Yuma	1/	1/	1/	1/	1/	Dec 14	Feb 3	Dec 24	1/	Dec 29
Casa Grande	Jan 29	M	Jan 13	Nov 8	Feb 17	Nov 27	Mar 17	Dec 19	Feb 10	Nov 23
Gila Bend	Feb 12	Nov 23	Jan 11	Nov 18	M	Dec 16	Feb 5	Dec 19	Feb 6	Nov 24
Phoenix	1/	1/	Jan 3	1/	1/	1/	1/	1/	1/	Dec 28
Douglas	Apr 10	Oct 18	Apr 1	Nov 8	Apr 13	Nov 15	Mar 6	Nov 6	Mar 6	Nov 5
Safford	Apr 10	Nov 22	Mar 11	Nov 1	Apr 11	Nov 24	Apr 21	Nov 5	Mar 7	Nov 4
Tucson	Feb 11	Nov 23	Jan 9	Nov 18	Feb 16	Nov 27	Mar 3	Dec 19	Feb 10	Nov 23
Willcox	Apr 11	Oct 30	Apr 1	Oct 31	Apr 13	Nov 22	Apr 21	Oct 4	Apr 16	Nov 4

1/ No low temperature of 32° or less. M - Missing.

Source: United States Department of Commerce, National Oceanic and Atmospheric Administration, Climatological Data

Land Ownership and Administration: Acreage & Percent of Total by County 1/

County	Forest Service	Bureau of Land Management	State of Arizona	Indian Reservations	Individual or Corporate 2/	Other Public Lands 3/	Total Area 4/	-----Area of-----	
								Land	Water 5/
	-----1,000 Acres-----								
Apache	493	109	662	4,729	1,024	154	7,171	7,164	7
Cochise	490	376	1,371	0	1,569	142	3,948	3,948	0
Coconino	3,269	612	1,137	5,447	688	762	11,915	11,898	17
Gila	1,705	65	31	1,159	71	20	3,051	3,034	17
Graham	396	760	497	1,072	235	3	2,963	2,960	3
Greenlee	751	172	172	0	81	6	1,182	1,182	0
La Paz	0	1,691	259	226	152	552	2,880	2,873	7
Maricopa	658	2,431	651	264	1,833	53	5,890	5,868	22
Mohave	5	5,234	582	544	1,493	662	8,520	8,443	77
Navajo	488	88	370	3,489	1,907	28	6,370	6,368	2
Pima	390	363	861	2,491	823	951	5,879	5,879	0
Pinal	223	290	1,206	774	748	196	3,437	3,434	3
Santa Cruz	418	4	61	0	298	11	792	792	0
Yavapai	1,969	567	1,264	8	1,327	64	5,199	5,196	3
Yuma	0	1,474	189	9	454	1,403	3,529	3,527	2
Total	11,255	14,236	9,313	20,212	12,703	5,007	72,726	72,566	160

County	Forest Service	Bureau of Land Management	State of Arizona	Indian Reservations	Individual or Corporate 2/	Other Public Lands 3/
	-----Percent of Total Area-----					
Apache	7	2	9	66	14	2
Cochise	12	10	35	0	40	4
Coconino	27	5	10	46	6	6
Gila	56	2	1	38	2	1
Graham	13	26	17	36	8	6/
Greenlee	64	15	15	0	7	1
La Paz	0	59	9	8	5	19
Maricopa	11	41	11	4	31	1
Mohave	6/	61	7	6	18	8
Navajo	8	1	6	55	30	6/
Pima	7	6	15	42	14	16
Pinal	6	8	35	23	22	6
Santa Cruz	53	1	8	0	38	1
Yavapai	38	11	24	6/	26	1
Yuma	0	42	5	6/	13	40
Total	15	20	13	28	17	7

1/ Reference dates: Forest Service, April 30, 2000; Bureau of Land Management, September 1997; State of Arizona, February 2001; and Bureau of Indian Affairs, December 31, 1998. May not add due to rounding.

2/ Derived as residual.

3/ Includes land administered by National Park Service, Department of Defense, Fish and Wildlife Service, Bureau of Reclamation, and other state, county, and city public land.

4/ U.S. Department of Commerce, Bureau of Census, 2000.

5/ National Resources Inventory 1997, USDA NRCS.

6/ Less than 0.5 percent.

Category	Unit	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth	Arizona's Rank
General:												
Number of Farms & Ranches 2003	Number	TX 229,000	MO 106,000	IA 90,000	TN 87,000	KY 87,000	OK 83,500	MN 80,000	CA 78,500	OH 77,600	WI 76,500	38 10,300
Land in Farms & Ranches 2003	1,000 Acres	TX 130,500	MT 60,100	KS 47,200	NE 45,900	NM 44,700	SD 43,800	ND 39,400	WY 34,440	OK 33,700	IA 31,700	16 26,500
Cash Receipts 2003 (Preliminary)	Million	CA 26,893	TX 14,932	IA 12,578	NE 10,664	KS 9,208	MN 8,604	IL 8,175	NC 6,882	FL 6,079	WI 5,844	29 2,586
Field Crops:												
Pima cotton production	1,000 Bales	CA 371	TX 44	NM 13	AZ 5							4 5
Upland cotton production	1,000 Bales	TX 4,330	MS 2,120	GA 2,110	AR 1,804	CA 1,495	NC 1,037	LA 1,027	TN 890	AL 820	MO 700	11 550
Cottonseed production	1,000 Tons	TX 1,616	MS 773	GA 732	AR 689	CA 680	LA 365	NC 349	AL 327	TN 311	MO 274	11 217
Durum wheat production	1,000 Tons	ND 1,752	MT 435	AZ 345	CA 345	SD 19	MN 3					3 345
Winter wheat production	1,000 Tons	KS 14,400	OK 5,382	WA 3,510	TX 2,898	NE 2,512	CO 2,310	OH 2,040	MT 1,909	SD 1,780	ID 1,728	40 12
Corn for grain production	1,000 Tons	IA 52,752	IL 50,742	NE 31,478	MN 27,185	IN 22,034	OH 13,410	SD 11,966	WI 10,294	MO 8,467	KS 8,400	37 117
Barley production	1,000 Tons	ND 2,851	ID 1,140	MT 758	WA 350	MN 306	CO 215	WY 171	PA 95	OR 92	CA 89	11 85
Alfalfa hay production	1,000 Tons	CA 7,630	NE 5,220	SD 5,130	IA 4,921	ID 4,440	MN 4,125	WI 3,680	KS 3,400	MT 3,360	MI 2,720	16 1,998
Other hay production	1,000 Tons	TX 11,730	MO 6,840	KY 5,500	TN 4,600	OK 4,000	KS 3,600	VA 2,990	AR 2,904	PA 2,420	NE 2,380	41 164
Potatoes production	1,000 Cwt	ID 123,180	WA 93,150	WI 32,800	ND 27,440	CO 26,198	MN 22,330	OR 20,991	CA 17,319	ME 17,030	MI 15,015	21 2,090
Principal field crops harvested acreage	1,000 Acres	IA 24,629	IL 23,165	KS 21,843	ND 21,237	MN 19,679	TX 18,765	NE 18,560	SD 16,685	MO 13,742	IN 11,993	38 711
Fruits:												
Lemons production	1,000 Ctns	CA 48,000	AZ 6,000									2 6,000
Oranges production	1,000 Ctns	FL 406,000	CA 124,000	TX 3,140	AZ 940							4 940
Grapefruit production	1,000 Ctns	FL 77,400	TX 11,300	CA 11,200	AZ 260							4 260
Tangerines production	1,000 Ctns	FL 11,000	CA 5,000	AZ 860								3 860
Grapes Utilized production	1,000 Tons	CA 5,715	WA 344	NY 152	MI 80.5	PA 68	OR 24	AZ 8	OH 7	TX 5.8	VA 3.4	7 8
Apples Utilized production	Million	WA 4,500	NY 980	MI 840	PA 442	CA 440	VA 262	OR 132	NC 130	OH 88	WV 85	26 7

Category	Unit	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth	Arizona's Rank
Vegetables:												
Head lettuce production	1,000 Cwt	CA 47,250	AZ 18,068	CO 522	NJ 158							2 18,068
Leaf lettuce production	1,000 Cwt	CA 9,600	AZ 2,772									2 2,772
Romaine lettuce production	1,000 Cwt	CA 14,700	AZ 4,538									2 4,538
Cauliflower production	1,000 Cwt	CA 5,735	AZ 1,050	NY 56								2 1,050
Broccoli production	1,000 Cwt	CA 18,750	AZ 1,450									2 1,450
Spring onions production	1,000 Cwt	TX 3,520	CA 3,038	GA 2,188	AZ 750							4 750
Cabbage production	1,000 Cwt	CA 4,914	NY 3,822	TX 2,541	FL 2,432	NC 1,656	AZ 1,520	GA 1,271	CO 1,120	WI 989	MI 576	6 1,520
Spinach production	1,000 Cwt	CA 4,025	AZ 780	NJ 252	TX 204	CO 126	MD 47					2 780
Peppers, chile production	1,000 Cwt	NM 1,470	CA 1,104	TX 225	AZ 210							4 210
Cantaloupe production	1,000 Cwt	CA 12,005	AZ 5,624	TX 2,040	GA 1,290	IN 560	CO 304	SC 144	PA 106	MD 34		2 5,624
Honeydews production	1,000 Cwt	CA 3,608	AZ 975	TX 570								2 975
Watermelons production	1,000 Cwt	TX 7,700	FL 7,200	CA 5,952	GA 5,375	AZ 2,668	IN 2,590	MO 1,387	SC 1,190	NC 975	OK 840	5 2,668
Principal vegetables harvested acres	1,000 Acres	CA 833,400	FL 185,100	AZ 128,600	GA 122,800	NY 84,100	TX 82,600	MI 64,200	NC 47,500	WA 41,400	PA 33,700	3 128,600
Livestock:												
All cattle & calves January 1, 2004	1,000 Head	TX 13,900	KS 6,650	NE 6,250	CA 5,200	OK 5,100	MO 4,350	SD 3,650	IA 3,450	WI 3,350	MT 2,400	32 850
Cattle on feed January 1, 2004	1,000 Head	TX 2,850	KS 2,480	NE 2,450	CA 1,060	IA 950	CA 510	SD 375	OK 360	MN 310	ID 305	11 293
Calf crop 2003	1,000 Head	TX 5,100	MO 2,080	CA 2,050	OK 1,890	NE 1,770	SD 1,730	KS 1,550	MT 1,540	WI 1,350	IA 1,120	36 270
Cows have calved January 1, 2004	1,000 Head	TX 5,800	CA 2,420	MO 2,250	OK 2,050	NE 1,910	SD 1,790	KS 1,660	WI/MT 1,490	KY 1,240	TN 1,180	35 330
All sheep & lambs January 1, 2004	1,000 Head	TX 1,100	CA 680	WY 430	SD 370	CO 360	MT 300	UT 265	ID 260	IA 250	OR 215	14 114
Angora goats January 1, 2004	1,000 Head	TX 220	AZ 30	NM 10								2 30
Hogs and pigs December 1, 2003	1,000 Head	IA 15,900	NC 10,000	MIN 6,500	IL 4,000	IN 3,100	MO 2,950	NE 2,900	OK 2,380	KS 1,650	OH 1,520	29 127
Honey production total produced	1,000 Pounds	CA 32,160	ND 29,580	FL 14,910	SD 14,000	MN 9,960	MT 9,570	TX 9,380	WI 5,698	NY 4,824	MI 4,810	18 2,880
Milk production total produced	Million Pounds	CA 35,437	WI 22,266	NY 11,952	PA 10,338	ID 8,774	MIN 8,258	NM 6,666	MI 6,360	TX 5,630	WA 5,581	13 3,454

Price Changes Following USDA Crop Production Reports 2000-2004

Price 1/					Price Change	
Date		Prior Closing	Day After	Week After	Day After	Week After
Upland Cotton		Cents Per Pound			Points Per Pound	
Aug	2000	57.97	59.39	60.09	+142	+212
Sep	2000	61.82	59.73	60.20	-209	-162
Oct	2000	61.11	60.23	59.01	-88	-210
Nov	2000	62.86	62.29	62.64	-57	-22
Dec	2000	62.98	60.56	60.50	-242	-248
Jan	2001	56.09	57.01	56.62	+92	+53
Aug	2001	37.04	34.86	35.13	-218	-191
Sep	2001	33.71	33.00	32.98	-71	-73
Oct	2001	29.09	28.27	27.64	-82	-145
Nov	2001	29.50	32.36	32.43	+286	+293
Dec	2001	31.78	31.69	32.36	-9	+58
Jan	2002	32.68	31.93	32.56	-75	-12
Aug	2002	38.64	39.63	39.74	+99	+110
Sep	2002	38.08	36.69	38.06	-139	-2
Oct	2002	38.49	37.83	39.46	-66	+97
Nov	2002	44.91	43.93	44.54	-98	-37
Dec	2002	44.87	46.36	46.09	+149	+122
Jan	2003	48.11	48.04	48.06	-7	-5
Aug	2003	51.93	51.54	51.30	-39	-63
Sep	2003	56.14	59.76	59.53	+362	+339
Oct	2003	64.89	65.95	70.62	+106	+573
Nov	2003	71.18	69.94	69.04	-124	-214
Dec	2003	63.65	64.26	63.34	+61	-31
Jan	2004	68.23	68.33	69.34	+10	+111
Wheat 2/		Dollars Per Bushel			Cents Per Bushel	
May	2000	2.78	2.80	2.73	+2	-5
Jun	2000	2.74	2.76	2.74	+2	NC
Jul	2000	2.94	2.93	2.82	-1	-12
Aug	2000	2.64	2.65	2.74	+1	+10
Ann	2000	3.18	3.27	3.30	+9	+12
May	2001	3.34	3.42	3.50	+8	+16
Jun	2001	3.27	3.29	3.23	+2	-4
Jul	2001	3.01	3.03	3.15	+2	+14
Aug	2001	3.03	3.03	3.05	NC	+2
Ann	2001	3.12	3.10	3.06	-2	-6
May	2002	3.10	3.13	3.11	+3	+1
Jun	2002	3.40	3.59	3.58	+19	+18
Jul	2002	3.83	3.78	3.91	-5	+8
Aug	2002	4.15	4.31	4.22	+16	+7
Ann	2002	5.08	5.19	5.06	+11	-2
May	2003	3.81	3.89	3.81	+8	NC
Jun	2003	3.89	3.91	3.37	+2	-52
Jul	2003	2.99	3.03	3.23	+4	+24
Aug	2003	3.62	3.73	3.83	+11	+21
Ann	2003	3.66	3.75	3.53	+9	-13

1/ 7-Market average base quotations for upland cotton as reported by AMS Market News (the upland base quality is color 41, leaf grade 4, staple 34).

2/ Closing cash price for Kansas City #1 hard winter wheat (ordinary protein) - reported by AMS Grain Market News.

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