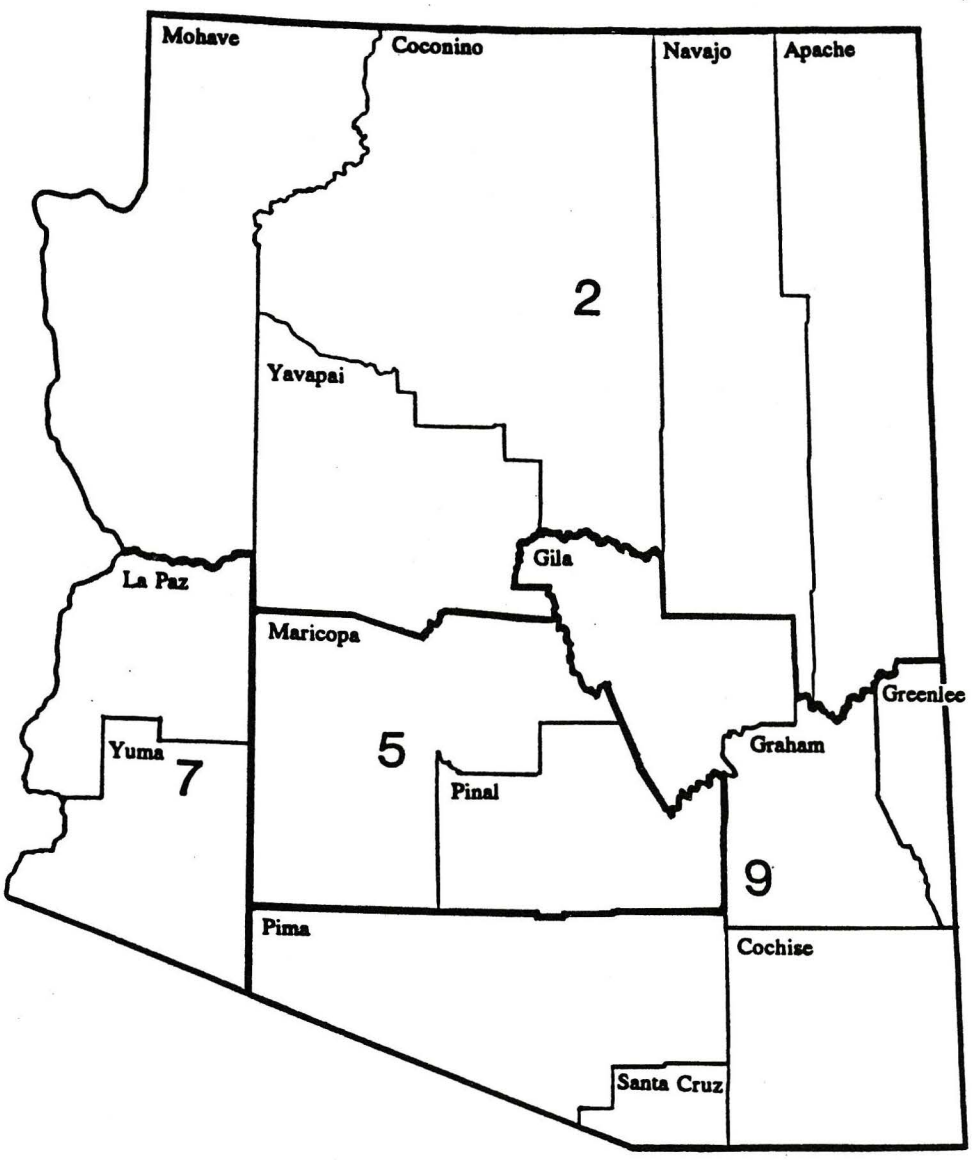
1995 ARIZONA AGRICULTURAL STATISTICS

ARIZONA COUNTIES AND CROP REPORTING DISTRICTS



The cover photgraph:

Duncan's Sunfresh Farms is a 2,000 acre vegetable farm located in Goodyear, Arizona. The farm is open to the public and offers a farm market, petting zoo, U-pick gardens, farm play yard and picnic areas.

Photo courtesy of Hayes.

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PREFACE

Dr. Jimmye Hillman, Professor Emeritus and long time head of the Department of Agricultural Economics at the University of Arizona, observed a few years ago that decisions can be no better than the information on which they are based. We have observed that in times of stress and uncertainty the demand for quality information increases. Last year was no exception. Karnal bunt in the wheat crop, drought, low cattle prices and high feed costs have all combined to generate unusually high interest in the economics of the agricultural sector. We at the University of Arizona and the Arizona Agricultural Statistics Service trust that this thirty-first issue of Arizona Agricultural Statistics will help shed light on the important facets of Arizona agriculture and will help shape the future of one of the state's most important industries.

We acknowledge all the farmers, ranchers and agribusinesses who voluntarily respond to our surveys and we want to recognize the work of the office and field staff who collect and organize the statistics comprising the contents of this publication. This year, we want to pay special tribute to Evelyn Dye who is retiring after many years of service with the Arizona Agricultural Statistics Service. Evelyn has been responsible for assembling and verifying the quality of all but one of the thirty-one issues of Arizona Agricultural Statistics. Her experience, dedication and passion for quality have been reflected in past issues of this publication and will be sorely missed in the future.

Wilbur Sherman

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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 FROM AGRICULTURAL MARKETINGS AND GOVERNMENT PAYMENTS: Arizona, 1991-95

Commodity Group	1991	1992	1993	1994	1995
			1,000 dollars		
Cotton lint	353,774	268,359	253,591	308,085	354,603
Cottonseed	28,640	29,075	33,356	34,359	32,835
Hay	59,952	34,168	50,959	63,545	53,202
Wheat	21,161	29,730	28,156	45,310	46,538
Barley	4,253	3,915	4,607	5,276	3,658
Corn	2,246	1,437	4,460	4,728	8,163
Potatoes	17,996	10,912	11,963	12,003	13,426
Head lettuce	149,216	134,858	192,485	149,514	370,264
Leaf lettuce	1/	27,269	43,659	20,539	70,704
Romaine	1/	10,295	24,404	12,710	41,644
Onions	3,797	4,418	10,342	5,308	5,331
Cauliflower	22,548	19,558	20,930	20,748	28,229
Broccoli	15,079	14,770	21,503	21,817	36,232
Carrots	1,984	3,262	2,689	3,604	9,100
Honeydews	8,931	5,005	6,912	6,454	13,882
Cantaloupes	33,700	38,254	48,838	43,877	61,104
Watermelons	11,844	8,678	14,930	11,805	20,543
Miscellaneous vegetables	54,161	35,687	27,355	46,837	41,540
Grapefruit	16,273	15,834	6,645	4,943	7,934
Oranges	14,088	12,815	13,300	8,956	7,517
Lemons	48,838	52,156	49,895	42,923	53,973
Tangerines	9,991	16,442	11,367	11,874	9,703
Apples	7,891	6,059	3,654	4,621	782
Grapes	19,686	12,488	18,066	24,430	23,314
Miscellaneous fruits and nuts	26,569	30,664	28,176	27,503	26,147
All other crops 2/	100,020	85,729	100,511	107,722	105,200
TOTAL ALL CROPS	1,032,638	911,837	1,032,753	1,049,491	1,445,568
Cattle and calves	519,153	583,514	591,201	446,060	433,953
Hogs	20,960	19,253	22,591	22,140	29,329
Sheep and lambs	8,255	9,669	10,516	11,280	7,013
Dairy products	207,644	236,607	244,970	278,506	284,288
Eggs	3,967	3,520	3,711	3,355	3,763
Honey	1,988	2,079	2,202	1,414	2,793
Wool	626	812	533	517	589
Miscellaneous livestock and products	26,095	41,044	42,597	41,071	48,590
TOTAL ALL LIVESTOCK AND PRODUCTS	788,688	896,498	918,321	804,343	810,318
TOTAL ALL COMMODITIES	1,821,326	1,808,335	1,951,074	1,853,834	2,255,886
GOVERNMENT PAYMENTS	40,493	75,580	113,878	72,125	9,501
TOTAL CASH RECEIPTS	1,861,819	1,883,915	2,064,952	1,925,959	2,265,387

1/ Included in miscellaneous vegetables. 2/ 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.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Total crops and livestock, Arizona, by counties, 1991-95

County	1991	1992	1993	1994	1995
			1,000 dollars		
Apache	33,695	43,252	36,369	23,297	15,865
Cochise	64,523	84,344	83,907	60,108	57,714
Coconino	28,379	37,724	31,999	21,025	15,984
Gila	17,010	21,898	13,101	6,598	4,733
Graham	46,256	49,765	36,727	28,053	25,113
Greenlee	8,313	10,394	6,222	7,198	4,718
La Paz	61,424	65,497	95,495	56,816	57,867
Maricopa	586,687	590,550	588,083	665,149	712,003
Mohave	17,806	18,901	17,966	18,045	15,990
Navajo	40,797	49,800	40,967	35,557	39,408
Pima	49,866	53,541	65,070	42,852	39,793
Pinal	396,878	321,941	386,829	394,276	433,309
Santa Cruz	10,429	12,988	9,165	4,580	3,666
Yavapai	40,011	52,151	40,761	28,227	24,083
Yuma	419,252	395,631	498,416	462,055	805,640
ARIZONA	1,821,326	1,808,377	1,951,077	1,853,836	2,255,886

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Crops, Arizona, by counties, 1991-95

County	1991	1992	1993	1994	1995
			1,000 dollars		
Apache	576	587	800	649	471
Cochise	27,594	37,370	41,184	31,791	39,167
Coconino	180	289	867	2,446	2,730
Gila	138	156	211	524	246
Graham	22,802	20,272	20,218	19,476	19,036
Greenlee	1,019	1,219	806	2,847	1,471
La Paz	59,920	63,326	93,074	55,292	57,015
Maricopa	344,443	308,939	312,004	365,970	395,593
Mohave	7,279	5,245	8,233	11,222	10,184
Navajo	305	915	1,550	1,126	1,417
Pima	25,929	22,837	33,756	25,052	26,770
Pinal	207,732	138,093	136,067	171,018	198,223
Santa Cruz	1,366	1,032	1,295	331	300
Yavapai	700	804	1,229	1,101	843
Yuma	332,655	310,751	381,462	360,648	692,102
ARIZONA	1,032,638	911,835	1,032,756	1,049,493	1,445,568

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Livestock and livestock products, Arizona, by counties, 1991-95

County	1991	1992	1993	1994	1995
			1,000 dollars		
Apache	33,119	42,665	35,569	22,648	15,394
Cochise	36,929	46,974	42,723	28,317	18,547
Coconino	28,199	37,435	31,132	18,579	13,254
Gila	16,872	21,742	12,890	6,074	4,487
Graham	23,454	29,493	16,509	8,577	6,077
Greenlee	7,294	9,175	5,416	4,351	3,247
La Paz	1,504	2,171	2,421	1,524	852
Maricopa	242,244	281,611	276,079	299,179	316,410
Mohave	10,527	13,656	9,733	6,823	5,806
Navajo	40,492	48,885	39,417	34,431	37,991
Pima	23,937	30,704	31,314	17,800	13,023
Pinal	189,146	183,848	250,762	223,258	235,086
Santa Cruz	9,063	11,956	7,870	4,249	3,366
Yavapai	39,311	51,347	39,532	27,126	23,240
Yuma	86,597	84,836	116,954	101,407	113,538
ARIZONA	788,688	896,498	918,321	804,343	810,318

FARM INCOME INDICATORS: Arizona, 1991-95

Item	1991	1992	1993	1994	1995
			Million dollars		
Gross farm income	2,028.3	1,946.9	2,162.2	2,026.0	2,389.3
Gross cash income	1,910.7	1,939.1	2,122.6	2,008.2	2,341.1
Farm marketings	1,821.3	1,808.3	1,951.1	1,853.8	2,255.9
Crops	1,032.6	911.8	1,032.8	1,049.5	1,445.6
Livestock and products	788.7	896.5	918.3	804.3	810.3
Government payments	40.5	75.6	113.9	72.1	9.5
Farm-related income	48.9	55.1	57.7	82.2	75.6
Noncash income	49.8	50.5	55.2	64.9	65.8
Value of home consumption	4.4	4.6	4.4	5.2	5.1
Rental value of dwellings	45.5	45.9	50.9	59.7	60.7
Operator and other dwellings 1/	31.1	36.4	40.8	50.1	44.3
Hired laborer dwellings	14.4	9.5	10.1	9.6	16.4
Value of inventory adjustment	67.9	-42.7	-15.7	-47.1	-17.5
Total production expenses	1,361.0	1,353.3	1,442.7	1,560.4	1,671.7
Intermediate product expenses	890.9	905.0	995.6	1,040.6	1,115.3
Farm origin	367.2	379.6	411.6	382.9	402.9
Feed purchased	127.9	128.5	138.8	166.6	210.8
Livestock and poultry purchased	211.5	225.3	245.2	184.0	161.2
Seed purchased	27.8	25.8	27.6	32.4	30.9
Manufactured inputs	154.5	145.6	152.5	182.6	195.8
Fertilizer and lime	51.6	46.6	48.2	62.4	66.3
Pesticides	59.6	60.8	67.0	78.3	82.4
Fuel and oil	43.3	38.1	37.4	41.8	47.1
Other	369.2	379.8	431.4	475.1	516.6
Repair and maintenance	37.3	49.9	50.8	59.0	54.4
Other miscellaneous	331.9	330.0	380.6	416.1	462.2
Interest	146.7	132.1	92.4	102.5	111.3
Real estate	53.1	48.1	34.9	35.8	36.8
Nonreal estate	93.6	84.0	57.5	66.7	74.6
Contract and hired labor expenses	194.1	180.2	214.5	266.3	293.6
Net rent to nonoperator landlords 2/	22.9	25.9	27.7	33.5	34.2
Capital consumption	80.2	82.9	83.7	84.9	83.0
Property taxes	26.3	27.1	28.9	32.6	34.1
NET FARM INCOME 3/	667.3	593.6	719.5	465.6	717.7
Gross receipts of farms	1,997.3	1,910.5	2,121.4	1,975.9	2,345.4
Farm production expenses	1,344.4	1,333.4	1,421.5	1,534.1	1,645.9
Nonfactor payments	980.7	995.5	1,089.3	1,134.2	1,209.3
Intermediate product expenses	886.9	900.6	992.0	1,033.3	1,110.5
Capital consumption	68.4	68.7	69.7	69.7	66.4
Property taxes	25.4	26.1	27.7	31.1	32.4
Factor payments	363.7	337.9	332.2	399.9	436.7
Interest	146.8	131.9	90.0	100.1	108.8
Contract and hired labor expenses	194.1	180.2	214.5	266.3	293.6
Net rent to nonoperator landlords 2/	22.9	25.9	27.7	33.5	34.2
RETURNS TO OPERATORS 4/	652.9	577.1	699.8	441.8	699.4
Gross cash income	1,910.7	1,939.1	2,122.6	2,008.2	2,341.1
Cash expenses	1,263.8	1,257.5	1,344.0	1,457.0	1,565.2
Cash expenses, excluding net rent	1,238.7	1,229.4	1,314.1	1,421.2	1,528.8
Intermediate product expenses	886.9	900.6	992.0	1,033.3	1,110.5
Interest	146.8	131.9	90.0	100.1	108.8
Cash labor expenses	179.7	170.7	204.5	256.7	277.2
Property taxes	25.4	26.1	27.7	31.1	32.4
Net rent to nonoperator landlords 5/	25.1	28.1	29.9	35.7	36.4
NET CASH INCOME	646.9	681.6	778.6	551.2	775.8

1/ Value added to gross income. Value added to net farm income equals difference in net farm income and returns to operators. 2/ Includes landlord capital consumption. 3/ Statistics in and above the Net Farm Income line represent the farm sector, defined as including farm operators' dwellings located on farms. Statistics below the Net Farm Income line represent only the farm businesses to the exclusion of the operators' dwellings. 4/ Returns to operators is equivalent to net farm income excluding the income and expenses associated with farm operators' dwellings. 5/ Excludes landlord capital consumption.

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

GOVERNMENT PAYMENTS: By program, Arizona, 1989-95

Year	Conservation 1/	Feed grain	Wheat	Cotton	Wool Act	Miscellaneous 2/	Total
				1,000 dollars			
1989	2,031	2,527	1,176	73,089	1,179	5,104	85,106
1990	1,706	2,214	5,370	29,307	1,488	3,264	43,349
1991	1,632	2,364	4,305	26,225	1,883	4,084	40,493
1992	1,481	2,330	4,813	46,592	2,074	18,290	75,580
1993	1,662	2,988	5,263	82,204	1,897	19,864	113,878
1994	1,827	4,932	54,472	1,701	2,997	6,196	72,125
1995	1,904	2,115	2,166	771	1,787	758	9,501

1/ Includes amount paid under agriculture and conservation programs.

2/ 1989 programs included Rural Clean Water, Clean Lakes, Animal Waste Management, Forest Incentive, Water Bank, Milk Indemnity, Dairy Termination, Emergency Feed, Extended Warehouse Storage, Extended Farm Storage, Milk Diversion, Disaster Program Crops, Disaster Program Non-Crops, Colorado River Salinity, Warehouse Storage Deduction, Livestock Emergency Assistance, Interest Penalty Payments, Disaster, and Loan Deficiency; 1990 programs included Rural Clean Water, Clean Lakes, Animal Waste Management, Forest Incentive, Water Bank, Milk Indemnity, Dairy Termination, Emergency Feed, Extended Warehouse Storage, Extended Farm Storage, Milk Diversion, Disaster Program Crops, Disaster Program Non-Crops, Colorado River Salinity, Livestock Emergency Assistance, Interest Penalty Payments, Disaster, Loan Deficiency, and Naval Stores; 1991 programs included Rural Clean Water, Clean Lakes, Forest Incentive, Water Bank, Milk Indemnity, Dairy Termination, Emergency Feed, Extended Warehouse Storage, Extended Farm Storage, Milk Diversion, Colorado River Salinity, Livestock Emergency Assistance, Interest Penalty Payments, Disaster, Loan Deficiency, and Market Gains; 1992 and 1993 programs included Rural Clean Water, Forest Incentive, Water Bank, Dairy Indemnity, Dairy Termination, Extended Warehouse Storage, Extended Farm Storage, Colorado River Salinity, Livestock Emergency Assistance, Interest Penalty Payments, Disaster, Loan Deficiency, Market Gains, Naval Stores Conservation, Milk Marketing Fee, Animal Waste Management, and Interest on CCC-6S; 1994 and 1995 programs included Rural Clean Water, Forestry Incentive Annual, Forestry Incentive Long Term, Water Bank Annual, Water Bank Practice Cost Share Dairy Indemnity, Dairy Termination, Extended Warehouse Storage, Extended Farm Storage, Colorado River Salinity, Livestock Emergency Assistance, Interest Payments, Disaster, Loan Deficiency, Market Gains, Navel Stores Conservation, Milk Marketing Fee, Options Pilot, Milk Diversion, Emergency Feed, Rice Marketing, 90 Day Rule, Payment Limitation Refund, Additional Interest, Arkansas Beaver Lake, Wetlands Reserve, Disaster Non-Program Crops, and interest on CCC-6S.

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

VALUE OF HOME AGRICULTURAL COMMODITY CONSUMPTION: Arizona 1989-93 1/

Year	Livestock and products	Crops	Total
		1,000 dollars	
1989	3,948	528	4,476
1990	4,112	532	4,644
1991	3,889	464	4,353
1992	3,892	439	4,331
1993	4,098	262	4,360

1/ Value of farm products consumed directly in farm households where produced.

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

FARM BUSINESS BALANCE SHEET: Arizona, December 31, 1990-94

Item	1990	1991	1992	1993	1994
			Million dollars		
FARM ASSETS	11,281.6	11,975.6	12,025.4	12,200.0	12,846.9
Real estate	10,032.8	10,714.7	10,730.4	10,947.2	11,618.2
Livestock and poultry 1/	551.7	560.9	569.8	557.1	529.1
Machinery and motor vehicles 2/	423.5	443.6	445.6	413.4	419.8
Crops 3/	39.6	25.3	29.6	29.9	30.1
Purchased inputs	30.8	25.8	36.7	31.8	30.9
Financial	203.2	205.4	213.3	220.6	218.9
FARM DEBT	1,385.8	1,287.3	1,173.2	1,216.8	1,255.7
By purpose:					
Real estate	580.7	553.2	506.1	491.7	470.6
Nonreal estate 4/	805.2	734.1	667.1	725.1	785.2
By lender:					
Farm Credit System	224.8	199.7	173.6	193.7	199.2
Farmers Home Administration	156.0	150.4	139.6	134.1	133.7
Commercial Banks	525.9	440.4	367.8	388.7	431.9
Life Insurance companies	196.3	207.0	195.5	185.9	157.4
Individuals and others 5/	283.0	289.9	296.8	314.4	333.5
EQUITY	9,895.8	10,688.3	10,852.3	10,983.2	11,591.2
RATIOS			Percent		
Debt/equity	14.0	12.0	10.8	11.1	10.8
Debt/assets	12.3	10.7	9.8	10.0	9.8

1/ Excludes horses, mules, and broilers. 2/ Includes only farm share value for trucks and autos. 3/ All non-CCC crops held on farms plus the value above loan rate for crops held under CCC. 4/ Excludes debt for nonfarm purposes. 5/ Includes loans from CCC for storage and drying facilities.
Source: United States Department of Agriculture, Economic Research Service; Economic Indicators of the Farm Sector, State Financial Summary.

REAL ESTATE FARM BUSINESS DEBT: Arizona, December 31, 1990-94

Year	Farm Credit System	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	Total debt 1/
			Million dollars			
1990	106	51	196	103	125	581
1991	101	50	207	67	129	553
1992	94	46	195	37	133	506
1993	88	45	186	35	138	492
1994	80	48	157	40	145	471

1/ Totals may not add due to rounding.
Source: United States Department of Agriculture, Economic Research Service; Economic Indicators of the Farm Sector, State Financial Summary.

NONREAL ESTATE FARM BUSINESS DEBT: Arizona, December 31, 1990-94

Year	All operating banks	Farm Credit System	Farmers Home Administration	Total debt owed to reporting institutions	Debt owed to individuals and others	Total 1/	Commodity Credit Corporation crop loans
				Million dollars			
1990	423	119	105	647	158	805	27
1991	374	99	101	574	161	734	41
1992	330	80	93	503	164	667	71
1993	354	106	89	549	176	725	65
1994	392	119	86	597	188	785	50

1/ Totals may not add due to rounding.
Source: United States Department of Agriculture, Economic Research Service; Economic Indicators of the Farm Sector, State Financial Summary.

NUMBER OF FARMS AND RANCHES

The number of farms and ranches in Arizona for 1996, at 7,500, increased by 100 farms from a year earlier. This increase can be attributed primarily to an increase in ranchettes in the southwestern part of the State. Land in Arizona farms at 35.4 million acres is unchanged from that of 1995 and 1994. The USDA defines a farm or ranch as "any establishment from which $1,000 or more of agricultural products were sold or would normally be sold during the year." Arizona's farm numbers, like those for the nation as a whole, include many farm operators who do not receive the majority of their income from agriculture.

Nationally, the number of farms is down slightly in 1996 to 2,063,520. The North Central Region was the only region to show a decline while the largest increase was in the West. The top six states in number of farms are: 1) Texas - 205,000; 2) Missouri - 104,000; 3) Iowa - 98,000; 4) Kentucky - 88,000; 5) Minnesota - 87,000; 6) Tennessee - 80,000. Eleven states showed increases in the number of farms from 1995 to 1996; twenty showed declines and nineteen remained the same.

Land in farms in the United States again decreased slightly to 968.05 million acres. The top six states in land in farms are: 1) Texas - 127.0 million acres; 2) Montana 59.7; 3) Kansas - 47.8; 4) Nebraska - 47.0; South Dakota - 44.0.

The average size farm in the United States at 469 acres, is unchanged from a year earlier. The top five states in farm size are: 1) Arizona - 4,720 acres; 2) Wyoming - 3,802; 3) Nevada - 3,520; 4) New Mexico - 3,237; 5) Montana - 2,714. The 5 states with the smallest average size farm are: 1) Rhode Island - 90 acres; 2) New Jersey - 91; 3) Massachusetts - 92; 4) Connecticut - 100; 5) Tennessee - 148 acres.

Land in farms, along with "average size" of farm can be misleading, especially in the western states, since the term excludes all state and federal public grazing lands leased on a per-head basis. Also, Indian lands that bypass classification as land belonging to an individual operator are reported as a single farm or ranch by a central tribal source. Land belonging to Indian nations in Arizona comprises over 20 million acres of the Grand Canyon State's farm and ranch acreage, from the pine-studded Kaibab reservation of the north to the rugged Tohono O'Ohdam lands that border Mexico. Native Americans were Arizona's first farmers, using highly specialized canal systems to irrigate Arizona fields centuries before Spanish conquistadors passed through.

Virtually all crop acreage in Arizona is irrigated and farm numbers and planted acreage are sensitive to the availability and cost of what is probably the most valuable resource of all to Arizona agriculture - water.

NUMBER OF FARMS AND RANCHES: Selected States, 1992-96

State	1992	1993	1994	1995	1996
			Number		
ARIZONA	7,500	7,400	7,400	7,400	7,500
California	82,000	79,000	79,000	80,000	82,000
Colorado	25,500	25,500	25,300	25,000	24,500
Idaho	21,000	20,500	20,500	21,500	22,000
Montana	24,300	23,800	22,500	22,000	22,000
Nevada	2,500	2,400	2,400	2,500	2,500
New Mexico	13,500	13,500	13,500	13,500	13,500
Oregon	37,500	37,500	38,000	38,500	38,500
Texas	198,000	200,000	200,000	202,000	205,000
Utah	13,200	13,000	13,000	13,400	13,400
Washington	37,000	36,000	36,000	36,000	36,000
Wyoming	9,200	9,200	9,200	9,200	9,100
UNITED STATES	2,107,840	2,083,430	2,064,720	2,073,320	2,063,010

LAND IN FARMS AND RANCHES: Selected States, 1992-96

State	1992	1993	1994	1995	1996	Average size of farms and ranches 1996
			1,000 acres			Acres
ARIZONA	35,600	35,500	35,400	35,400	35,400	4,720
California	30,200	30,000	29,900	30,000	30,000	366
Colorado	32,800	32,800	32,700	32,700	32,500	1,327
Idaho	13,500	13,500	13,500	13,500	13,500	614
Montana	60,000	59,800	59,700	59,700	59,700	2,714
Nevada	8,900	8,900	8,800	8,800	8,800	3,520
New Mexico	44,200	44,200	44,200	44,000	43,700	3,237
Oregon	17,500	17,500	17,500	17,500	17,500	455
Texas	130,000	130,000	129,000	129,000	127,000	620
Utah	11,300	11,200	11,100	11,100	11,000	821
Washington	16,000	16,000	15,800	15,800	15,700	436
Wyoming	34,600	34,600	34,600	34,600	34,600	3,802
UNITED STATES	978,503	976,463	973,403	972,253	968,048	469

CATTLE AND CALVES

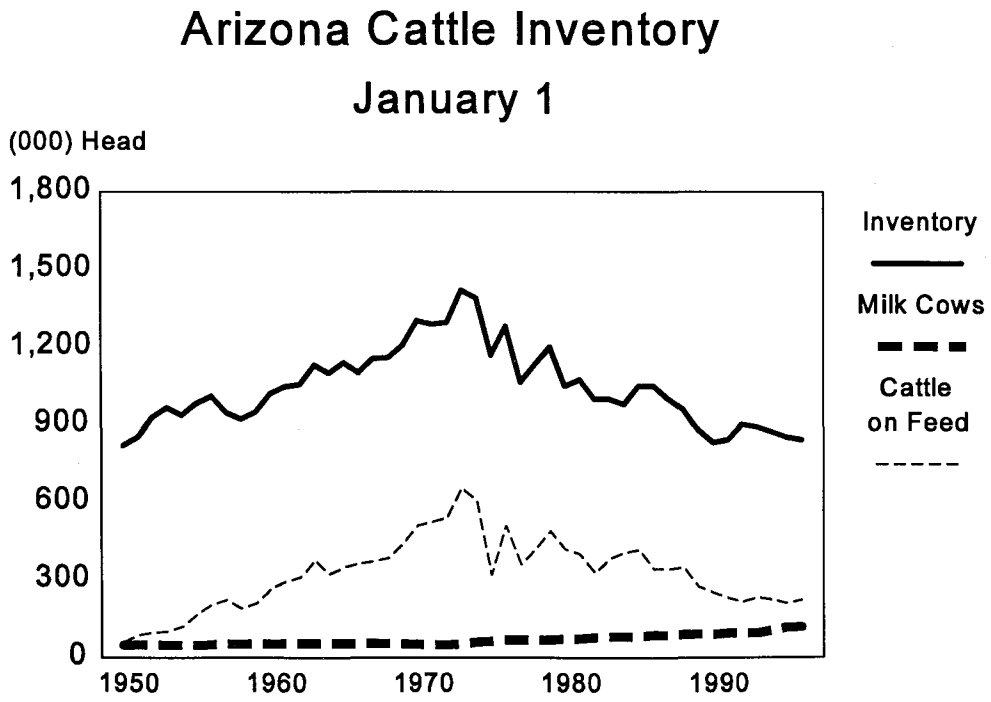
Arizona's inventory of cattle and calves taken on January 1, 1996 was estimated at 840,000 head valued at just under $454 million, down 10,000 head and down $56.4 million from January 1, 1995. The 1995 calf crop of 290,000 head was down 3 percent from the 1994 calf crop.

Monthly beef cattle prices varied by $11.40 per hundredweight during 1995, from a low of $56.90 in December to a high of $68.30 in February. The marketing year average price for beef cattle decreased $4.80 per hundredweight to $60.40, the lowest since 1986. The annual average price for cows fell $5.40 per hundredweight to $33.80, the lowest since 1977. The annual average steer and heifer price fell $5.00 to $63.70, the lowest since 1986, and the annual average calf price fell $14.70 to $74.20 per hundredweight, the lowest since 1986.

Cattle and calf marketings increased 7 percent to slightly over 710 million pounds, but the gross income from these marketings fell 3 percent to $436.7 million.

Arizona's feedlot operators marketed just under 380,000 head during 1995, an increase of 1 percent from 1994 marketings. An average inventory of 192,000 head were in feedlots on the first of each month during 1995, an increase of 5 percent from the previous year. Feedlot inventories ranged from a low of 163,000 head on September 1 to a high of 224,000 head on December 1.

Arizona's 26 livestock slaughtering establishments produced 312.5 million pounds of red meat during 1995, up 15 percent from the 1994 slaughter. Just under 450,000 head of cattle were slaughtered, up 13 percent from 1994.



LIVESTOCK SUMMARY: Inventory and value, Arizona and United States 1994-96

Specie and class	Inventory 1/			Value 2/		
	1994	1995	1996	1994	1995	1996
	1,000 head			1,000 dollars		
ARIZONA						
CATTLE AND CALVES 3/	870	850	840	530,700	510,000	453,600
Beef cows that have calved	259	239	227			
Milk cows that have calved	106	116	118			
Beef cow replacement heifers	41	40	43			
Milk cow replacement heifers	17	21	22			
Other heifers 500 pounds and over	19	25	22			
Steers 500 pounds and over	240	235	235			
Bulls 500 pounds and over	22	24	24			
Calves under 500 pounds	166	150	149			
Cattle on feed 4/	225	210	222			
HOGS 5/	140	170	125	12,040	10,370	10,000
Breeding hogs	17	18	13			
Market hogs	123	152	112			
Under 60 pounds	59	50	48			
60-119 pounds	24	36	24			
120-179 pounds	22	35	21			
180 pounds and over	18	31	19			
SHEEP AND LAMBS 3/	6/ 200	145	135	16,400	12,470	12,960
Breeding sheep and lambs	7/ 110	88	65			
Ewes one year old and older	95	70	54			
Rams one year old and older	5	3	3			
Replacement Lambs under one year old	7/ 10	15	8			
Market sheep and lambs	7/ 50	57	70			
Market lambs	8/	55	69			
Under 65 pounds		15	28			
65-84 pounds		16	8			
85-104 pounds		22	31			
105 pounds and over		2	2			
Market sheep	8/	2	1			
GOATS 3/						
Angora goats	82	52	80	2,624	1,820	2,400
CHICKENS 5/	350	9/ 339	9/ 330	805	9/ 687	9/ 596
Layers	340	9/ 326	9/ 317			
UNITED STATES						
CATTLE AND CALVES 3/	100,988	102,755	103,819	66,490,025	63,156,538	52,159,765
Beef cows that have calved	34,650	35,156	35,333			
Milk cows that have calved	9,528	9,487	9,412			
Beef cow replacement heifers	6,365	6,475	6,184			
Milk cow replacement heifers	4,144	4,141	4,105			
Other heifers 500 pounds and over	9,068	9,275	9,779			
Steers 500 pounds and over	17,042	17,463	18,082			
Bulls 500 pounds and over	2,307	2,390	2,392			
Calves under 500 pounds	17,884	18,369	18,533			
Cattle on feed 4/		12,431	12,792			
HOGS 5/	57,904	59,992	60,190	4,337,599	3,191,737	4,256,453
Breeding hogs	7,165	7,061	7,133			
Market hogs	50,739	52,932	53,057			
Under 60 pounds	19,173	19,558	19,984			
60-119 pounds	12,659	13,087	13,105			
120-179 pounds	10,212	10,941	10,832			
180 pounds and over	8,695	9,346	9,136			
SHEEP AND LAMBS 3/	6/ 9,714	8,886	8,457	681,384	663,449	731,360
Breeding sheep and lambs	8/	6,436	6,224			
Ewes one year old and older	5,804	5,300	5,125			
Rams one year old and older	302	258	235			
Replacement lambs under one year old	8/	878	863			
Market sheep and lambs	8/	2,450	2,234			
Market lambs		2,347	2,152			
Under 65 pounds		587	573			
65-84 pounds		419	349			
85-104 pounds		782	691			
105 pounds and over		559	540			
Market sheep		103	82			
GOATS 3/						
Angora goats	1,727	1,406	1,434	60,104	61,130	60,120
CHICKENS 5/	379,640	383,829	384,241	898,059	900,111	916,232
Layers	290,626	298,509	298,293			

1/ Totals may not add due to rounding. 2/ Annual average 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. 6/ Includes new crop lambs born after September 30 the previous year and market sheep and lambs. 7/ Excludes new crop lambs. 8/ Comparable data with 1995 and 1996 not available. 9/ Arizona combined with Alaska and Nevada to avoid disclosure of individual operations.

ALL CATTLE AND MILK COWS: Number of operations and inventory, Arizona and United States January 1, 1991-96 1/

Year	Arizona				United States			
	All cattle and calves		Milk cows		All cattle and calves		Milk cows	
	Operations	Head	Operations	Head	Operations	Head	Operations	Head
	Number	Thousand	Number	Thousand	Number	Thousand	Number	Thousand
1991	4,400	840	500	96	1,242,270	96,393	180,640	9,965
1992	4,500	900	500	96	1,226,860	97,556	170,520	9,728
1993	4,600	890	500	96	1,229,740	99,176	159,450	9,658
1994	4,500	870	400	106	1,213,690	100,988	148,690	9,528
1995	4,300	850	350	116	1,212,110	102,755	140,090	9,487
1996	2/	840	2/	118	2/	103,819	2/	9,412

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, 1997.

ALL CATTLE AND CALVES: Number on farms and value, Arizona, January 1, 1992-96

Year	All cattle and calves	Cows that have calved		Heifers 500 pounds and over			Steers 500 pounds and over	Bulls 500 pounds and over	Calves under 500 pounds	Value of all cattle and calves	
		Beef cows	Milk cows	Beef cow replacement	Milk cow replacement	Other heifers				Per head	Total
	1,000 head									Dollars	1,000 dol.
1992	900	279	96	46	20	15	217	27	200	595	535,500
1993	890	284	96	44	20	16	230	27	173	610	542,900
1994	870	259	106	41	17	19	240	22	166	610	530,700
1995	850	239	116	40	21	25	235	24	150	600	510,000
1996	840	227	118	43	22	22	235	24	149	540	453,600

ALL CATTLE AND CALVES: Inventory, supply, and disposition, Arizona 1991-96

Year	Inventory January 1	Calf crop	Inshipments	Marketings 1/		Farm slaughter 2/	Deaths	
				Cattle	Calves		Cattle	Calves
	1,000 head							
1991	840	300	486	595	73	3	25	30
1992	900	310	548	690	110	3	30	35
1993	890	300	530	684	103	3	30	30
1994	870	300	440	550	137	3	30	30
1995	850	290	450	585	102	3	30	30
1996	840							

1/ Includes animals for slaughter market, as well as younger animals shipped to other States for feeding or breeding purposes. Excludes interfarm sales within the State and farm slaughter.
2/ Excludes custom slaughter for farmers at commercial establishments.

ALL CATTLE AND CALVES: Production and income, Arizona, 1991-95

Year	Production 1/	Marketings 2/	Average price per 100 pounds		Value of production	Cash receipts 3/	Value of home consumption	Gross income
			Cattle	Calves				
	1,000 lbs		Dollars		1,000 dol.			
1991	517,720	701,760	73.20	94.90	388,224	519,153	3,220	522,373
1992	574,090	822,910	70.20	85.50	407,392	583,514	3,194	586,708
1993	548,220	806,780	72.20	96.60	404,052	591,201	3,343	594,544
1994	459,546	666,840	65.20	88.90	261,740	446,061	2,994	449,054
1995	495,321	710,620	60.40	74.20	274,777	433,953	2,714	436,667

1/ Includes total live weight of livestock marketed, farm slaughter, and custom slaughter consumed on farms where produced, minus live weight of inshipments, and any increase or decrease in the live weight of inventory.
2/ Includes animals for slaughter market, as well as younger animals shipped to other States for feeding or breeding purposes. Excludes interfarm sales within the State and farm slaughter.
3/ Receipts from marketings and sale of farm slaughter.

ALL CATTLE AND CALVES: Number on farms, Arizona, by counties, January 1, 1992-96 1/

County and year	All cattle and calves	County and year	All cattle and calves	County and year	All cattle and calves
	1,000 head		1,000 head		1,000 head
APACHE		GREENLEE		PIMA	
1992	55	1992	12	1992	47
1993	52	1993	11	1993	54
1994	59	1994	9	1994	55
1995	58	1995	10	1995	55
1996	54	1996	11	1996	53
COCHISE		LA PAZ		PINAL	
1992	66	1992	2	1992	179
1993	79	1993	3	1993	182
1994	75	1994	4	1994	171
1995	76	1995	3	1995	155
1996	77	1996	3	1996	160
COCONINO		MARICOPA		SANTA CRUZ	
1992	58	1992	167	1992	20
1993	51	1993	139	1993	18
1994	54	1994	166	1994	15
1995	51	1995	180	1995	15
1996	47	1996	175	1996	16
GILA		MOHAVE		YAVAPAI	
1992	33	1992	24	1992	60
1993	30	1993	20	1993	64
1994	25	1994	19	1994	59
1995	23	1995	18	1995	56
1996	22	1996	17	1996	52
GRAHAM		NAVAJO		YUMA	
1992	38	1992	44	1992	95
1993	35	1993	39	1993	113
1994	28	1994	31	1994	100
1995	26	1995	30	1995	94
1996	26	1996	27	1996	100
ARIZONA					
1992	900				
1993	890				
1994	870				
1995	850				
1996	840				

1/ Includes range cattle and calves, milk cows, and cattle on feed.

ALL CATTLE AND CALVES: Number of operations by size group, Arizona, 1992-95 1/

Year	1-49	50-99	100-499	500-999	1,000 and over	Total
			Number			
1992	2,400	550	1,150	2/ 400		4,500
1993	2,700	530	1,000	180	190	4,600
1994	2,700	440	1,000	180	180	4,500
1995	2,800	400	780	160	160	4,300

1/ An operation is any place having one or more head of cattle on hand at any time during the year. 2/ 500 head and over.

BEEF COWS: Number of operations by size group, Arizona, 1992-95 1/

Year	1-49	50-99	100-499	500 and over	Total
			Number		
1992	1,200	450	2/ 1,050		2,700
1993	1,300	350	850	200	2,700
1994	1,400	300	700	200	2,600
1995	1,500	250	580	170	2,500

1/ An operation is any place having one or more head of beef cows on hand at any time during the year. 2/ 1,000 head and over.

CATTLE AND CALVES: Number on feed, placements, marketings, and other disappearance, Arizona 1991-95

Month	1991	1992	1993	1994	1995
			1,000 head		
JANUARY					
Number on feed January 1	232	217	233	225	210
Placed on feed during January	26	20	26	23	20
Marketed during January	27	20	39	30	21
Other disappearance during January	3	4	5	1	8
FEBRUARY					
Number on feed February 1	228	213	215	217	201
Placed on feed during February	20	17	22	16	22
Marketed during February	26	20	31	31	26
Other disappearance during February	3	5	5	1	1
MARCH					
Number on feed March 1	219	205	201	201	196
Placed on feed during March	18	26	31	25	26
Marketed during March	34	26	35	33	29
Other disappearance during March	2	2	1	1	1
APRIL					
Number on feed April 1	201	203	196	192	192
Placed on feed during April	17	30	31	31	35
Marketed during April	30	30	37	40	32
Other disappearance during April	3	5	1	2	5
MAY					
Number on feed May 1	185	198	189	181	190
Placed on feed during May	27	34	41	30	48
Marketed during May	36	44	46	39	47
Other disappearance during May	11	2	1	2	1
JUNE					
Number on feed June 1	165	186	183	170	190
Placed on feed during June	17	34	25	20	28
Marketed during June	31	37	33	40	38
Other disappearance during June	4	16	2	1	2
JULY					
Number on feed July1	147	167	173	149	178
Placed on feed during July	22	27	23	24	28
Marketed during July	29	29	27	30	32
Other disappearance during July	2	5	1	0	0
AUGUST					
Number on feed August 1	138	160	168	150	174
Placed on feed during August	24	36	30	41	28
Marketed during August	26	27	27	37	39
Other disappearance during August	2	1	2	1	0
SEPTEMBER					
Number on feed September 1	134	168	169	146	163
Placed on feed during September	36	39	43	40	42
Marketed during September	18	26	22	26	31
Other disappearance during September	1	1	1	0	1
OCTOBER					
Number on feed October 1	151	180	189	160	173
Placed on feed during October	59	58	59	58	68
Marketed during October	15	23	26	23	33
Other disappearance during October	2	1	1	1	1
NOVEMBER					
Number on feed November 1	193	214	221	194	207
Placed on feed during November	52	43	43	44	46
Marketed during November	16	22	29	23	28
Other disappearance during November	2	1	8	1	1
DECEMBER					
Number on feed December 1	227	234	227	214	224
Placed on feed during December	21	24	25	25	23
Marketed during December	18	24	26	25	24
Other disappearance during December	13	1	1	4	1

CATTLE ON FEED: Number of feedlots and marketings by size of feedlot capacity, Arizona, 1991-95

Year	Feedlot capacity in number of head							
	15,999 and under		16,000 - 31,999		32,000 and over		Total	
	Lots	Cattle marketed	Lots	Cattle marketed	Lots	Cattle marketed	Lots	Cattle marketed
	Number	1,000 head	Number	1,000 head	Number	1,000 head	Number	1,000 head
1991	5	12	5	107	3	187	13	306
1992	4	5	5	93	3	230	12	328
1993	4	10	4	111	3	257	11	378
1994	4	14	4	91	3	272	11	377
1995	4	13	3	100	3	267	10	380

FED CATTLE MARKETED FOR SLAUGHTER: Arizona, by counties, 1991-95

Year	Maricopa	Pinal	Yuma	Total
		1,000 head		
1991	12	195	99	306
1992	5	209	114	328
1993	10	239	129	378
1994	15	251	111	377
1995	13	247	120	380

ALL CATTLE: Monthly and marketing year average prices received by producers, Arizona 1991-95

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing year average
							Dollars per cwt						
							ALL BEEF CATTLE 1/						
1991	72.90	74.60	76.00	76.00	80.40	77.10	73.60	71.80	70.80	69.80	66.90	66.20	73.20
1992	71.30	70.30	72.40	71.40	69.90	69.60	69.00	72.30	68.40	68.70	68.40	71.10	70.20
1993	72.90	74.10	75.70	75.50	75.20	73.20	70.80	73.70	70.50	66.50	68.50	68.50	72.20
1994	67.30	69.00	70.60	68.40	65.30	62.00	63.80	66.00	62.60	59.70	63.20	64.30	65.20
1995	66.10	68.30	64.50	62.30	59.50	60.20	58.80	58.20	58.40	57.50	58.40	56.90	60.40
							STEERS AND HEIFERS						
1991	77.10	78.10	78.70	79.40	83.40	79.20	75.80	73.70	73.80	76.70	71.20	69.00	76.60
1992	75.90	73.70	75.70	74.40	72.50	72.20	70.90	73.80	71.70	72.40	71.60	74.50	73.20
1993	77.50	78.10	79.50	79.60	78.50	76.00	73.00	75.50	74.00	73.00	73.00	72.00	75.90
1994	71.50	72.50	74.00	72.00	68.00	64.00	66.00	68.00	65.50	65.50	67.50	68.50	68.70
1995	71.00	72.50	68.00	66.00	62.00	62.50	61.00	60.00	61.50	62.00	63.00	60.00	63.70
							CALVES						
1991	95.20	101.00	103.00	103.00	102.00	94.00	95.20	92.90	95.10	91.20	88.20	85.80	94.90
1992	91.90	91.40	93.60	87.10	81.90	82.00	84.10	84.60	84.60	80.40	82.80	82.70	85.50
1993	94.00	96.50	99.90	99.50	96.50	96.00	94.00	98.00	95.70	97.00	95.00	94.00	96.60
1994	92.00	94.00	95.50	94.00	89.00	84.50	86.00	88.00	85.00	81.00	83.00	83.00	88.90
1995	88.00	87.00	85.00	81.00	76.00	75.00	73.00	71.00	69.00	67.00	64.00	61.00	74.20
							COWS						
1991	49.90	52.10	54.20	54.10	52.90	51.10	48.60	48.20	47.20	46.20	45.20	44.20	49.30
1992	43.00	44.00	44.80	44.80	45.00	43.50	44.40	44.40	43.80	41.80	42.20	43.20	43.60
1993	44.80	44.40	44.60	45.10	45.00	45.30	45.60	45.00	42.30	40.50	40.50	41.00	43.30
1994	41.50	43.00	43.00	42.00	40.50	39.00	38.50	40.00	39.00	36.50	36.50	36.00	39.20
1995	36.00	37.50	36.00	35.00	34.00	34.00	33.50	33.70	33.00	32.00	30.00	31.50	33.80

1/ Includes steers and heifers, and cows.

GRAZING FEES: Arizona, 1992-96

As of 1994 approximately 48 percent of Arizona's total area of 72,960,000 acres is federal and state public trust land administered by the U.S. Department of Interior's Bureau of Land Management, the U.S. Department of Agriculture's Forest Service, and Arizona's 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's Agricultural Statistics Board and furnished to USDI's Bureau of Land Management and the USDA's Forest Service for calculating the grazing fee each year. The components are made public at the same time, during the last week of December.

PUBLIC LAND GRAZING FEE FORMULATION

Grazing fee components	Unit	Base year 1964-68	Grazing fee year				
			1992	1993	1994	1995	1996
Grazing Rates on Private Land 1/	Dollars	3.65	9.66	10.03	10.20	10.30	11.00
Forage Value Index (FVI) 2/		100	265	275	279	282	301
Average Price Received for Beef Cattle per Cwt. 3/	Dollars	22.04	72.15	69.60	73.43	67.07	61.15
Beef Cattle Price Index (BCPI) 4/		100	327	316	333	304	277
Prices Paid Index (PPI) 5/		100	436	440	451	455	473
Federal Grazing Fee 6/	Dollars	(1.23)	1.92	1.86	1.98	1.61	1.35
State Grazing Fee 7/	Dollars	(.95)	1.48	1.43	1.53	1.53	2.18

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. 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. 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. 6/ The grazing fee = base year fee (FVI + BCPI - PPI)/100. 1996 for example = $1.23 (301 + 277 - 473)/100 = $1.29 (federal), per Executive Order, $1.35 is the legal minimum. 7/ State grazing fees for 1995 and 1996 set by the State Grazing Land Valuation Committee.

PASTURE AND RANGE FEED CONDITIONS: Arizona, April-October 1995

MONTH	Very poor	Poor	Fair	Good	Excellent
			Percent		
April	1	6	25	26	42
May	0	5	18	39	38
June	1	37	15	33	14
July	4	28	34	27	7
August	6	17	34	29	14
September	6	24	34	30	6
October	10	21	36	25	8

DAIRY

The average number of milk cows maintained by Arizona's dairy operations in 1995 decreased 2,000 head from a year ago. As of January 1, 1996 the number of milk cows totaled 118,000, up 2,000 head from January 1, 1995. Milk production per cow during 1995 was 19,561 pounds, up 6 percent from last year.

Milk production totaled 2.22 billion pounds in 1995, an increase of 4.5 percent from 1994. Producer cash receipts from milk rose to 285.4 million dollars, a 2 percent rise from 1994 cash receipts. The average returns per 100 pounds of milk in 1995 was $12.80, down 30 cents from 1994.

DAIRY: Milk cows and milk production, Arizona, quarterly, 1991-95

Year	Milk cows					Milk production				
	January - March	April - June	July - September	October - December	Average number during year	January - March	April - June	July - September	October - December	Annual Total
	1,000 head					Million lbs				
1991	96	94	93	96	95	445	442	385	441	1,713
1992	97	98	99	98	98	476	464	394	453	1,787
1993	98	102	104	105	102	464	486	435	492	1,877
1994	111	120	118	114	116	557	569	472	536	2,134
1995	113	115	114	113	114	590	597	488	555	2,230

DAIRY: Milk cows, production of milk and milkfat, and value, Arizona 1991-95

Year	Milk cows 1/	Production per milk cow		Milkfat in all milk produced	Total production		Value of milk produced 2/
		Milk	Milkfat		Milk	Milkfat	
	1,000 head	Lbs		Percent	Million lbs		1,000 dol.
1991	95	18,032	649	3.60	1,713	61.7	208,986
1992	98	18,235	662	3.63	1,787	64.9	237,671
1993	102	18,402	668	3.63	1,877	68.1	245,887
1994	116	18,397	662	3.60	2,134	76.8	279,554
1995	114	19,561	708	3.62	2,230	80.7	285,440

1/ Average number on farms during year, excluding heifers not yet fresh.
2/ Valued at averaged returns per 100 pounds of milk in combined marketings of milk and cream. Includes value of milk fed to calves.

MILK USED AND MARKETED BY PRODUCERS: Arizona, 1991-95

Year	Milk used where produced			Milk marketed by producers		
	Fed to calves	Used for milk, cream and butter	Total	Sold to plants and dealers	Sold directly to consumers	Total
			Million lbs			
1991	8	3	11	1,702	1/	1,702
1992	5	3	8	1,779	1/	1,779
1993	6	1	7	1,870	1/	1,870
1994	7	1	8	2,126	1/	2,126
1995	8	1	9	2,221	1/	2,221

1/ Sales nominal. Included with milk sold to plants and dealers.

MILK PRODUCTION: Marketings and income, Arizona 1991-95

Year	Combined marketings of milk and cream				Used for milk, cream and butter where produced		Gross producer income 1/
	Milk utilized	Average returns		Cash receipts from marketings	Milk utilized	Value	
		Per 100 lbs of milk	Per lb of milkfat				
	Million lbs	Dollars		1,000 dol.	Million lbs	1,000 dol	
1991	1,702	12.20	3.39	207,644	3	366	208,010
1992	1,779	13.30	3.66	236,607	3	399	237,006
1993	1,870	13.10	3.61	244,970	1	131	245,101
1994	2,126	13.10	3.64	278,506	1	131	278,637
1995	2,221	12.80	3.54	284,288	1	128	284,416

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

MILK COWS: Number on farms, Arizona, by counties, January 1, 1992-96

County and year	Milk cows	County and year	Milk cows	County and year	Milk cows
	1,000 head		1,000 head		1,000 head
MARICOPA		PINAL		OTHER COUNTIES	
1992	82	1992	8	1992	6
1993	84	1993	7	1993	5
1994	91	1994	9	1994	6
1995	100	1995	9	1995	7
1996	103	1996	9	1996	6
ARIZONA					
1992	96				
1993	96				
1994	106				
1995	116				
1996	118				

MILK COWS: Number of operations by size group, Arizona, 1992-95 1/

Year	1-99	100-199	200 and over	Total
		Number		
1992	390	2/ 110		500
1993	390	10	100	500
1994	290	10	100	400
1995	240	10	100	350

1/ An operation is any place having one or more head of milk cows on hand at any time during the year.
2/ 100 head and over.

GRAIN AND OTHER CONCENTRATES: Quantity fed to milk cows and value, Arizona, 1991-95 1/

Year	Annual quantity fed to milk cows			Annual average value of feed per cwt	Annual average feed value per cwt of milk produced
	Total	Per cow	Per cwt of milk produced		
	1,000 tons	Pounds	Pounds	Dollars	Dollars
1991	394	8,290	46	7.19	3.30
1992	403	8,210	45	6.92	3.12
1993	414	8,100	44	7.27	3.22
1994	490	8,460	46	7.57	3.45
1995	468	8,220	42	7.78	3.30

1/ Estimates for all places where milk produced, either for sale or for home use.

MISCELLANEOUS DAIRY PRODUCTS AND NUMBER OF DAIRY PLANTS: Annual production, Arizona and United States 1991-95

Year	Dairy plants 1/	Lowfat cottage cheese	Creamed cottage cheese	Cottage cheese curd	Hard ice cream	Total ice cream	Milk sherbet
	Number	1,000 lbs	1,000 lbs	1,000 lbs	1,000 gal	1,000 gal	1,000 gal
				ARIZONA			
1991	7	*	*	*	6,639	6,927	354
1992	7	2,303	8,665	6,506	5,498	5,983	329
1993	7	*	*	*	6,871	7,254	325
1994	7	1,719	8,232	6,056	7,450	7,698	390
1995	7	1,206	7,555	5,378	6,956	7,831	*
				UNITED STATES			
1991	1,680	321,109	497,928	490,909	817,089	862,638	47,379
1992	1,603	329,504	457,340	502,411	821,738	866,110	49,940
1993	1,534	317,009	430,518	471,364	825,997	866,248	50,813
1994	1,532	321,077	409,954	463,283	835,656	876,097	54,093
1995	1,495	318,298	380,362	451,112	816,911	856,936	53,496

1/ Plants manufacturing one or more dairy products.
** Fewer than 3 plants reported, not published to avoid disclosure of individual operations.*

ICE CREAM: Production, Arizona, monthly and annual, 1991-95

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							1,000 gallons						
1991	522	515	670	495	760	770	766	602	594	469	349	415	6,927
1992	500	325	494	629	590	400	598	575	523	420	390	539	5,983
1993	465	583	780	829	641	721	681	543	602	561	434	414	7,254
1994	518	665	804	672	746	853	789	677	594	494	520	366	7,698
1995	538	547	703	677	705	850	909	864	548	498	443	549	7,831

MILK SHERBET: Production, Arizona, monthly and annual, 1991-95

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							1,000 gallons						
1991	24	37	25	31	28	37	33	37	30	30	20	22	354
1992	29	26	29	29	29	26	29	29	30	28	18	27	329
1993	21	17	39	45	36	23	24	24	25	24	20	27	325
1994	29	28	50	35	38	41	37	33	49	31	9	10	390
1995	1/												

1/ Not published when fewer than 3 plants reported to avoid disclosure of individual operations.

GOATS AND MOHAIR

On January 1, 1996 Arizona's Angora goat inventory was 80,000 head, rebounding from last year's low of 52,000 head. At $30 per head, the total value of Angora goats was estimated at 2.4 million dollars. 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 rose substantially in 1995 to $1.52 per pound. Mohair production was estimated at 160,000 pounds for a total value of $243,000.

ANGORA GOATS: Number on farms and value, Arizona, January 1, 1992-96

Year	Goats	Farm Value	
		Per head	Total
	1,000 head	Dollars	1,000 dollars
1992	98	40.00	3,920
1993	88	40.00	3,520
1994	82	32.00	2,624
1995	52	35.00	1,820
1996	80	30.00	2,400

MOHAIR PRODUCTION AND VALUE: Arizona, 1991-95

Year	Goats clipped	Weight per clip	Mohair production	Average price per pound	Value of production
	1,000 head	Pounds	1,000 lbs	Cents	1,000 dol.
1991	90	4.4	400	49	196
1992	82	4.4	360	60	216
1993	70	4.4	310	32	99
1994	49	4.1	200	74	148
1995	40	4.0	160	152	243

SHEEP, LAMBS AND WOOL

Arizona's sheep and lamb inventory (including new crop lambs) on January 1, 1996 was estimated at 135,000 head, down 7 percent from a year ago. Breeding sheep and lamb inventory at 65,000 head, represented a decrease of 23,000 head from January 1, 1995. Market sheep and lamb inventory at 70,000 head, increased by 13,000 head from the previous year.

Sheep and lamb marketings were estimated at 11 million pounds. Average prices received by sheep operators in 1995 per hundredweight were $29.00 for sheep, down $1.00 from 1994, and $79.00 for lambs, up $15.00 from 1994. Cash receipts totaled 7.0 million dollars.

Average wool prices increased to 62 cents per pound, up from the 1994 price of 47 cents. Value of wool production was estimated at 589,000 dollars.

SHEEP: Number of operations and inventory, January 1, Arizona and United States, 1992-96 1/

Year	Arizona		United States	
	Operations	Head 2/	Operations	Head 2/
	Number	Thousand	Number	Thousand
1992	450	220	97,890	10,797
1993	450	205	93,280	10,201
1994	450	200	87,150	9,714
1995	450	145	82,120	8,886
1996	3/	135	3/	8,457

1/ An operation is any place having one or more sheep on hand during the year.
2/ Excludes new crop lambs through 1993; new crop lambs included beginning 1994.
3/ Not available until January 1997.

SHEEP: By class, farm value and lamb crop, Arizona, January 1, 1992-96

Year	Breeding sheep and lambs			Market sheep and lambs	All sheep and lambs 1/	Farm value		Lamb crop 2/
	Ewes	Rams	Replacement lambs			Per head	Total	
			1,000 head			Dollars	1,000 dol.	1,000 head
1992	140.0	5.0	30.0	45.0	220.0	82.00	18,040	100.0
1993	125.0	5.0	20.0	55.0	205.0	86.00	17,630	85.0
1994	95.0	5.0	10.0	50.0	200.0	82.00	16,400	70.0
1995	70.0	3.0	15.0	57.0	145.0	86.00	12,470	50.0
1996	54.0	3.0	8.0	70.0	135.0	96.00	12,960	3/

1/ Excludes new crop lambs through 1993; new crop lambs included in total inventory beginning in 1994.
2/ Lambs born in the Native States and lambs docked or branded in the Western States.
3/ Not available until January 1997.

SHEEP AND LAMBS: Inventory, supply and disposition, Arizona, 1991-95

Year	Inventory January 1 1/	Lamb crop 2/	Inshipments	Marketings 3/		Farm slaughter 4/	Deaths	
				Sheep	Lambs		Sheep	Lambs
				1,000 head				
1991	235.0	100.0	106	48	147	13	3	10
1992	220.0	100.0	81	47	128	13	2	6
1993	205.0	85.0	72	54	128	13	2	5
1994	200.0	70.0	90	37	157	13	3	5
1995	145.0	50.0	68	30	77	13	3	5

1/ Excludes new crop lambs through 1993; new crop lambs included in total inventory beginning in 1994.
2/ Lambs born in the Native States and lambs docked or branded in the Western States.
3/ Includes animals for custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.
4/ Excludes custom slaughter for farmers at commercial establishments.

SHEEP AND LAMBS: Production and income, Arizona, 1991-95

Year	Production 1/	Marketings 2/	Average price per 100 pounds		Value of production	Cash receipts 3/	Value of home consumption	Gross income
			Sheep	Lambs				
	1,000 lbs		Dollars			1,000 dol.		
1991	12,320	20,460	19.80	48.40	4,993	8,255	432	8,687
1992	11,850	18,440	29.60	62.50	6,370	9,669	597	10,266
1993	10,030	19,280	33.50	65.20	5,937	10,516	648	11,164
1994	8,988	19,920	30.00	64.00	5,644	11,280	653	11,933
1995	5,815	11,080	29.00	79.00	4,034	7,013	735	7,748

1/ Includes total live weight of livestock marketed, farm slaughter, and custom slaughter consumed on farms where produced, minus live weight of inshipments, and any increase or decrease in live weight of inventory. 2/ Includes animals for slaughter market, as well as younger animals shipped to other states for feeding or breeding purposes. Excludes interfarm sales within the State and farm slaughter. 3/ Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: Number on farms, Arizona, by counties, January 1, 1992-96

County and year	Breeding sheep and lambs 1/	Market sheep and lambs 2/	All sheep and lambs	New crop lambs	County and year	Breeding sheep and lambs 1/	Market sheep and lambs 2/	All sheep and lambs	New crop lambs
	1,000 head					1,000 head			
APACHE					PINAL				
1992	68	3/	68	12	1992	14	12	26	8
1993	53	3/	53	13	1993	19	5	24	8
1994	43	3/	43	14	1994	6	12	18	5
1995	27	3/	27	4/	1995	7	15	22	4/
1996	20	7	27	4/	1996	7	4	11	4/
COCONINO					YUMA				
1992	23	3/	23	5	1992	4	20	24	5/
1993	17	3/	17	5	1993	2	35	37	5/
1994	14	3/	14	5	1994	0	28	28	0
1995	13	3/	13	4/	1995	1	18	19	4/
1996	9	3	12	4/	1996	1	39	40	4/
MARICOPA					OTHER COUNTIES				
1992	16	8	24	8	1992	4	5	9	4
1993	10	10	20	6	1993	11	5	16	4
1994	13	8	21	3	1994	4	2	6	4
1995	11	23	34	4/	1995	10	1	11	4/
1996	8	9	17	4/	1996	6	2	8	4/
NAVAJO					ARIZONA				
1992	46	3/	46	8	1992	175	45	220	45
1993	38	3/	38	9	1993	150	55	205	45
1994	30	3/	30	9	1994	110	50	6/ 200	40
1995	19	3/	19	4/	1995	88	57	145	4/
1996	14	6	20	4/	1996	65	70	135	

1/ Excludes new crop lambs born after September 30 the previous year and on hand January 1 through 1994; new crop lambs included beginning 1995. 2/ Includes sheep and lambs being fattened for slaughter market on grain, other concentrates, or succulent pastures. Excludes breeding sheep and lambs and new crop lambs through 1994; new crop lambs included beginning 1995. 3/ Market sheep included with breeding sheep. 4/ Discontinued in January 1995; included in breeding or market sheep and lambs. 5/ Included in other counties. 6/ Includes new crop lambs.

WOOL PRODUCTION AND VALUE: Arizona, 1991-95

Year	All sheep shorn 1/	Weight per fleece	Shorn wool production	Average price per pound	Value of production 2/
	1,000 head	Pounds	1,000 lbs	Cents	1,000 dol.
1991	205	7.3	1,490	42	626
1992	210	6.9	1,450	56	812
1993	185	7.0	1,300	41	533
1994	160	6.9	1,100	47	517
1995	140	6.8	950	62	589

1/ Includes fed sheep shorn. 2/ Equivalent to cash receipts from farm marketings.

HOGS AND PIGS

On December 1, 1995 Arizona's 400 hog producers had a total inventory of 125,000, down 26 percent from the previous year. Hogs for breeding decreased to 13,000 head, a 28 percent decrease from December 1, 1994 and market hogs decreased to 112,000 head, down 26 percent from a year ago. The market value of Arizona's hog inventory was $10.0 million, down 4 percent from 1994.

The total pig crop was 273,000 head, a 9 percent decrease from last year. The 1995 pig crop totaled 65,000 during the December-February quarter, 67,000 head during the March-May quarter, 66,000 during the June-August quarter and 75,000 during the September-November quarter.

Marketings totaled 302,000 head in 1995, an increase of 22 percent from 1994. The gross income of the industry totaled $29.5 million, 32 percent more than in 1994. The increase was attributed primarily to the 8 percent increase in the average price received per hundredweight throughout 1995.

HOGS AND PIGS: Number of Operations and inventory December 1, Arizona and United States 1991-95 1/

Year	Arizona		United States	
	Operations	Head	Operations	Head
	Number	Thousand	Number	Thousand
1991	400	100	247,090	57,649
1992	400	106	240,150	58,202
1993	400	140	225,210	57,904
1994	400	170	207,980	59,992
1995	400	125	182,700	60,190

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, Arizona, December 1, 1991-95

Year	Breeding	Market	Market hogs and pigs by weight group				All hogs	Value	
			Under 60 lbs	60-119 lbs	120-179 lbs	180 lbs and over		Per head	Total
			1,000 head					Dol.	1,000 dol.
1991	12	88	33	25	19	11	100	85.00	8,500
1992	15	91	35	25	18	13	106	91.00	9,646
1993	17	123	59	24	22	18	140	86.00	12,040
1994	18	152	50	36	35	31	170	61.00	10,370
1995	13	112	48	24	21	19	125	80.00	10,000

HOGS AND PIGS: Inventory, supply, and disposition, Arizona, 1991-96

Year	Inventory December 1 1/	Pig crop		Inshipments	Marketings 2/	Farm slaughter 3/	Deaths
		Dec. - May	June - Nov.				
	1,000 head						
1991	110	86	97	5	185	1	12
1992	100	90	109	10	191	1	11
1993	106	121	135	9	212	1	18
1994	140	157	142	9	247	1	30
1995	170	132	141	14	302	1	29
1996	125						

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 interfarm sales within the State and farm slaughter.

3/ Excludes custom slaughter for farmers at commercial establishments.

PIG CROP: Sows farrowed, pigs per litter, and pig crop, Arizona, quarterly 1991-95

Year 1/	Total		December - February			March - May		
	Sows farrowed	Pig crop	Sows farrowed	Pigs per litter	Pig crop	Sows farrowed	Pigs per litter	Pig crop
	1,000 head		1,000 head	Number	1,000 head	1,000 head	Number	1,000 head
1991	23	183	5	7.7	39	6	7.9	47
1992	24	199	5	8.0	40	6	8.3	50
1993	31	256	6	8.4	50	8	8.9	71
1994	38	299	10	7.3	73	10	8.4	84
1995	33	273	8	8.1	65	8	8.4	67

Year 1/	June - August			September - November		
	Sows farrowed	Pigs per litter	Pig crop	Sows farrowed	Pigs per litter	Pig crop
	1,000 head	Number	1,000 head	1,000 head	Number	1,000 head
1991	6	8.2	49	6	8.0	48
1992	7	8.5	60	6	8.1	49
1993	9	8.2	74	8	7.6	61
1994	10	8.0	80	8	7.7	62
1995	8	8.3	66	9	8.3	75

1/ December 1 previous year through November current year.

HOGS AND PIGS: Production and income, Arizona 1991-95

Year	Production 1/	Marketings 2/	Average price per cwt	Value of production	Cash receipts 3/	Value of home consumption	Gross income
	1,000 lbs		Dollars		1,000 dol.		
1991	40,316	42,430	49.40	19,578	20,960	237	21,197
1992	45,816	45,840	42.00	18,251	19,253	101	19,354
1993	52,626	50,880	44.40	22,552	22,591	107	22,698
1994	64,607	59,040	37.50	23,883	22,140	194	22,334
1995	64,386	72,240	40.60	26,358	29,329	212	29,542

1/ Includes total live weight of livestock marketed, farm slaughter, and custom slaughter consumed on farms where produced, minus live weight of inshipments, and any increase or decrease in live weight of inventory. 2/ Includes animals for slaughter markets, as well as younger animals shipped to other states for feeding or breeding purposes. Excludes interfarm sales within the State and farm slaughter. 3/ Receipts from marketings and the sale of farm slaughter.

HOGS AND PIGS: Number on farms, Arizona, by counties, December 1, 1991-95

County and year	Hogs and pigs	County and year	Hogs and pigs	County and year	Hogs and pigs
	1,000 head		1,000 head		1,000 head
COCHISE		**MARICOPA**		**PINAL**	
1991	8	1991	13	1991	6
1992	8	1992	9	1992	6
1993	7	1993	12	1993	1/
1994	3	1994	11	1994	1/
1995	4	1995	7	1995	1/
GRAHAM		**NAVAJO**		**OTHER COUNTIES**	
1991	8	1991	63	1991	2
1992	8	1992	73	1992	2
1993	7	1993	108	1993	6
1994	5	1994	145	1994	6
1995	1/	1995	107	1995	7
ARIZONA					
1991	100				
1992	106				
1993	140				
1994	170				
1995	125				

1/ Hogs and pigs included in Other Counties to avoid disclosure of individual operations.

MEAT PRODUCTION

LIVESTOCK SLAUGHTERING ESTABLISHMENTS: Arizona, January 1, 1992-1996

Year	Under Federal Inspection	Other 1/	Total
		Number	
1992	3	19	22
1993	3	18	21
1994	3	24	27
1995	3	23	26
1996	3	23	26

1/ Includes State inspected and custom-exempt plants.

RED MEAT PRODUCTION: Arizona, 1991-95 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 2/
							1,000 pounds						
1991	20,870	18,854	18,921	20,301	22,850	22,766	20,527	20,427	18,192	18,707	16,988	19,382	238,784
1992	21,098	18,036	19,532	18,847	20,322	23,355	21,301	18,339	18,696	18,607	19,654	21,541	239,330
1993	20,846	16,469	19,424	20,923	20,228	22,917	21,839	23,203	20,985	20,448	20,852	20,656	248,789
1994	20,678	19,844	22,361	21,571	22,386	25,400	22,984	26,182	23,548	23,876	21,598	21,149	271,576
1995	21,482	21,171	24,002	22,806	28,820	28,730	28,620	30,633	28,704	27,568	25,731	24,275	312,542

1/ Includes total beef, veal, pork, and lamb and mutton, excluding farm slaughter.
2/ Numbers may not add due to rounding.

COMMERCIAL CATTLE SLAUGHTER: Arizona, 1991-95

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
							Number						
1991	30,800	28,200	28,500	30,500	33,500	33,200	29,900	29,900	26,700	27,300	24,200	27,200	349,900
1992	30,600	26,400	28,700	27,700	29,700	34,200	31,400	27,400	28,100	27,200	28,200	31,200	350,800
1993	30,700	25,100	29,300	31,200	30,200	33,900	32,100	34,200	31,000	29,800	30,400	30,500	368,300
1994	30,300	29,500	33,200	32,100	32,900	36,800	33,500	38,100	34,900	34,900	31,300	30,700	398,200
1995	31,700	31,000	34,700	32,400	40,800	40,000	40,100	43,700	42,200	40,800	37,500	35,000	449,800
							1,000 lbs liveweight						
1991	32,420	30,609	32,004	34,082	38,187	38,110	34,333	34,357	30,337	31,158	28,315	32,150	396,061
1992	34,944	30,140	32,503	31,359	33,977	39,126	35,678	30,723	31,265	31,039	33,314	35,965	400,035
1993	34,616	27,490	32,404	34,840	33,811	38,412	36,619	38,897	35,052	34,190	34,828	34,567	415,726
1994	34,607	33,176	37,342	35,967	37,463	42,609	38,475	43,957	39,607	39,997	36,358	35,378	454,936
1995	35,931	35,468	40,164	38,145	48,266	48,202	48,036	51,125	47,936	45,707	41,625	38,896	519,499

1/ Numbers may not add due to rounding.

COMMERCIAL HOG SLAUGHTER: Arizona, 1991-95

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
							Number						
1991	1,200	1,000	1,400	1,500	1,100	1,000	900	900	1,100	1,300	1,100	1,100	13,700
1992	1,000	1,000	1,500	1,500	1,000	1,000	800	800	1,200	1,300	1,100	1,200	13,600
1993	1,000	1,000	1,300	1,500	1,100	1,000	800	900	1,200	1,000	1,200	1,000	13,000
1994	900	1,000	1,300	1,500	1,000	800	700	800	1,200	900	900	1,000	12,100
1995	1,000	800	1,100	1,100	1,200	1,000	600	800	1,000	1,100	900	900	11,400
							1,000 lbs liveweight						
1991	290	262	335	332	251	210	214	208	251	300	254	252	3,159
1992	218	232	345	348	241	237	191	193	296	318	282	299	3,200
1993	249	244	294	359	252	246	191	197	287	256	278	234	3,087
1994	235	250	319	347	245	201	165	180	301	237	230	254	2,964
1995	258	204	274	258	292	224	148	197	242	261	219	202	2,781

1/ Numbers may not add due to rounding.

COMMERCIAL SHEEP SLAUGHTER: Arizona, 1991-95

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
							Number						
1991	100	100	200	300	100	100	100	100	200	100	100	100	1,600
1992	100	100	200	200	100	100	100	100	200	100	100	100	1,400
1993	100	100	200	300	100	100	0	100	200	100	100	100	1,400
1994	100	100	200	200	100	*	*	*	*	*	*	*	*
1995 *													
							1,000 lbs liveweight						
1991	15	10	25	28	11	6	8	8	18	11	9	14	163
1992	13	8	23	25	9	7	5	10	20	8	7	11	146
1993	6	9	18	33	12	6		15	21	9	11	9	153
1994	11	12	21	20	13								
1995													

** Numbers not published to avoid disclosure of individual operations.*

1/ Numbers may not add due to rounding.

POULTRY

CHICKENS ON FARMS: Inventory by class and total value, Arizona, December 1, 1991-93 and three states 1994-95 1/

Year	All chickens	Layers			Pullets 13 weeks old and older but less than 20 weeks	Pullet chicks and pullets under 13 weeks of age	Other chickens	Value per head	Total value
		Layers one year old and older	Layers 20 weeks old but less than one year	Total layers					
		1,000 birds						Dollars	1,000 dol.
1991	375	200	120	320	50	1	4	1.90	713
1992	410	240	155	395	4	1	10	2.30	943
1993	350	190	150	340	5	1	4	2.30	805
1994 2/	339	183	143	326	6	2	5	2.00	687
1995 2/	330	175	142	317	6	2	5	1.80	596

1/ Does not include commercial broilers.

2/ Three states includes Arizona, Alaska, and Nevada combined to avoid disclosure of individual operations.

CHICKENS: Lost, sold, and value of sales, Arizona, 1991-93 and three states 1994-95 1/

Year	Number lost 2/	Number sold	Pounds sold	Price per pound	Value of sales
	1,000 birds		1,000 lbs	Cents	1,000 dol.
1991	42	143	572	3.0	17
1992	57	181	724	2.0	14
1993	38	104	416	2.6	11
1994 3/	41	132	532	3.1	16
1995 3/	27	175	699	1.5	10

1/ December 1 previous year through November 30; excludes broilers.

2/ Includes death and other losses.

3/ Three states includes Arizona, Alaska, and Nevada combined to avoid disclosure of individual operations. Alaska value of sales estimates discontinued.

LAYERS AND EGGS: Annual average number of layers, eggs per layer and value of production, Arizona December 1, 1991-93 and three states 1994-95 1/

Year	Average number of layers	Eggs per layer	Total egg production	Price per dozen 1/	Value of production
	1,000 birds	Number	Million	Cents	1,000 dol.
1991	356	241	86	56.0	3,967
1992	358	237	85	49.7	3,520
1993	356	247	88	50.6	3,711
1994 2/	308	273	84	49.7	3,477
1995 2/	312	237	74	64.1	3,901

1/ December 1 previous year through November 30.

2/ Three states includes Arizona, Alaska, and Nevada combined to avoid disclosure of individual operations. Alaska price estimates discontinued in 1995.

HONEY

Spring rains which hindered many field crops benefited honey production in the form of increased wildflowers. Arizona's 1995 honey production was estimated at 4.1 million pounds, up 48 percent from last year and the highest production since 1986. Average yield from the estimated 52,000 colonies was 79 pounds, an increase of twenty pounds from a year ago.

Prices for the 1995 honey crop averaged 68 cents per pound, up 17 cents from last year. The value of honey produced by Arizona apiarists was estimated at 2.8 million dollars, an increase of 98 percent.

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, and value, Arizona, 1991-95 1/

Year	Number of honey producing colonies	Yield per colony	Production	Average price per pound	Value of production
	1,000	Pounds	1,000 lbs	Cents	1,000 dol.
1991	75	50	3,750	53	1,988
1992	70	54	3,780	55	2,079
1993	55	77	4,235	52	2,202
1994	47	59	2,773	51	1,414
1995	52	79	4,108	68	2,793

1/ For producers with five or more colonies.

AFRICANIZED HONEY BEES

Africanized honey bees were first introduced into Brazil in 1956, with the intention of improving native production. They escaped into the wild and a few colonies were discovered in Texas in 1990. Their migration north found them in Arizona in 1993.

Individual appearance and sting is the same as our common European honey bee but are less potent. What distinguishes the Africanized bee is how diligently they defend their hives. Many more bees come to the defense of the colony and they are much more likely to sting, even with minimal or no provocation. Away from the hive, however, they are no more aggressive than other bees or wasps.

If you see someone being attacked by bees, encourage them to run away or seek shelter. Do not attempt to rescue them yourself unless you have a bee suit and proper training. Call 911 for emergency help.

For more information on the Africanized honey bee and tips concerning outdoor recreation, pets and livestock, and your home contact your County Cooperative Extension Office.

Information obtained from The University of Arizona, College of Agriculture, Cooperative Extension Service.

FIELD CROP HIGHLIGHTS

ALFALFA: Alfalfa acreage and yield both increased during 1995, but prices dropped considerably. Growers harvested an average of 7.8 tons from each of the State's 165,000 acres. Acreage was up 5,000 and yields increased 0.3 tons per acre, to lead the nation. With the new marketing season beginning, prices continued dropping through the summer. The marketing year average price was $79.00 per ton, $24.00 less than for the previous year. Other hay acreage, yield, and prices were also down. Acreage decreased 5,000 to 30,000 and yields decreased 0.1 tons per acre to 3.5. As with alfalfa, prices dropped during the summer, when quality is not as high. Marketing year average price was $74.50, $4.50 less than 1994.

BARLEY: Barley producers planted 10,000 fewer acres for harvest in 1995, decreasing to 25,000 acres. Of those, 21,000 acres were harvested for grain yielding 4,320 pounds per acre, down 240 pounds. Despite being lower, Arizona yield tied for second highest in the nation. Prices were steady, with the marketing year average price of $122.90 per ton.

CORN: Corn acreage increased during 1995, as did the price. Growers planted 30,000 acres, harvesting 22,000 acres for grain. Corn for silage made up the difference. State yields were 9,520 pounds per acre, second highest in the country, and the same as last year. Silage yields were also second, decreasing 2 tons from last year, at 26 tons per acre. Prices received increased $14.00 per ton in 1995 to $132.10.

COTTON: Cotton yields once again led the nation, with an average of 1,008 pounds per acre, but was down 12 percent from last years average yields. Upland acreage increased 52,000 to 365,000 acres. Production numbers were similar to 1994, however, due to the decreased yields. The State averaged 1,046 pounds per acre, down 157 pounds. As with 1994, higher nighttime temperatures affected fruit retention. Whitefly pressure late in the season also helped reduce yields. Pima acreage increased over 1994 to 48,600 acres. Yields were down 86 pounds to 720 pounds per acre, well below California and the U.S. average. Prices were up for both types of cotton for the 1995 crop. Upland was up $0.056 per pound, at $0.762 while American-Pima was up $0.28 per pound at $1.31.

DURUM WHEAT: Durum wheat acreage for harvest in 1995 increased 5,000 acres. Planted acreage reached 100,000 for the first time since 1981. Yields were off 300 pounds, at 5,160, consequently, production levels were nearly the same as 1994. Prices increased $12.00 per ton to $156.70. The State's other wheat acreage decreased 5,000 acres to 25,000. Yield decreased 840 pounds to 4,800 pounds per acre. Prices, however, were $10.30 per ton higher, with the marketing year average price of $125.00.

CROP SUMMARY: Acreage harvested, production, and value, Arizona and United States, 1993-95

Crop	Acres harvested			Production				Value		
	1993	1994	1995	Unit	1993	1994	1995	1993	1994	1995
	1,000 acres				Thousands			1,000 dollars		
ARIZONA										
Upland cotton	315.0	312.0	364.0	Bales	790.0	782.0	793.0	220,315	265,004	290,048
American-Pima cotton	56.9	47.9	48.1	Bales	87.0	80.4	72.2	38,252	39,750	45,399
All cotton	371.9	359.9	412.1	Bales	877.0	862.4	865.2	258,567	304,754	335,447
Cottonseed				Tons	338.0	324.0	334.0	40,222	41,796	43,754
Alfalfa hay	150	160	165	Tons	1,110	1,200	1,287	103,785	123,600	101,673
Other hay	35	35	30	Tons	126	126	105	10,647	9,954	7,823
All hay	185	195	195	Tons	1,236	1,326	1,392	114,432	133,554	109,496
Durum wheat	50	94	99	Tons	135	257	255	17,325	37,124	40,016
Other wheat	35	28	23	Tons	99	79	55	10,627	9,054	6,900
All wheat	85	122	122	Tons	234	336	311	27,952	46,178	46,916
Barley	29	33	21	Tons	70	75	45	7,540	8,935	5,576
Corn for grain	10	15	22	Tons	45	71	105	4,976	8,288	13,838
Corn for silage	9	13	8	Tons	243	364	208	8,500	9,100	6,656
Potatoes	5.5	6.3	6.5	Cwt	1,485	1,670	1,755	12,251	12,275	13,426
Head lettuce Western	47.5	50.0	41.7	Cwt	13,063	15,750	17,097	188,107	144,270	353,908
Head lettuce Other	1.9	1.5	2.4	Cwt	342	345	564	4,378	5,244	16,356
Leaf lettuce	4.5	3.5	3.2	Cwt	990	893	1,440	43,659	20,539	70,704
Romaine lettuce	3.3	4.1	5.7	Cwt	957	1,025	1,482	24,404	12,710	41,644
Dry onions	1.3	1.6	1.4	Cwt	631	688	672	10,342	5,308	5,331
Broccoli	8.7	9.4	8.6	Cwt	687	1,034	946	21,503	21,817	36,232
Cauliflower	6.5	5.7	4.5	Cwt	644	798	765	20,930	20,748	28,229
Carrots	1.4	2.2	1.9	Cwt	238	308	523	2,689	3,604	9,100
Cantaloups	13.6	14.5	16.0	Cwt	2,856	2,465	3,040	48,838	43,877	61,104
Honeydews	1.6	2.1	3.6	Cwt	320	347	576	6,912	6,454	13,882
Watermelons	7.7	7.6	8.0	Cwt	2,048	2,108	1,802	14,930	11,805	20,543
Grapefruit	5.9	5.9	5.6	Ctn	4,300	3,500	2,800	6,952	5,046	8,136
Lemons	16.3	15.6	13.8	Ctn	8,800	10,400	7,200	37,045	50,342	37,188
Oranges	10.6	10.6	10.4	Ctn	3,700	3,800	2,100	9,519	12,563	7,616
Tangerines	4.9	5.5	5.6	Ctn	1,900	2,000	1,300	11,959	11,233	10,578
Grapes 2/	4.3	4.4	4.5	Tons	24.0	26.0	26.0	18,066	24,430	23,314
Apples 2/	4.4	4.4	4.2	Lbs	55,000	59,000	11,000	3,654	4,621	782
UNITED STATES										
Upland cotton	12,594.4	13,155.9	15,795.6	Bales	15,764.3	19,324.3	17,532.2	4,366,534	6,630,582	6,379,454
American-Pima cotton	188.9	166.4	211.1	Bales	369.3	337.7	367.6	154,374	166,072	225,248
All cotton	12,783.3	13,322.3	16,006.7	Bales	16,133.6	19,662.0	17,899.8	4,520,908	6,796,654	6,604,702
Cottonseed				Tons	6,343.2	7,603.9	6,848.7	714,389	771,315	731,183
Alfalfa hay	24,723	24,198	24,569	Tons	80,305	81,336	84,980	6,796,665	6,836,482	7,495,236
Other hay	34,956	34,537	35,210	Tons	66,494	68,724	69,806	4,160,081	4,277,174	4,642,099
All hay	59,679	58,735	59,779	Tons	146,799	150,060	154,786	10,956,746	11,113,656	12,137,335
Durum wheat	2,100	2,715	3,356	Tons	2,114	2,902	3,068	324,049	449,041	577,882
Winter wheat	43,811	41,355	40,993	Tons	52,804	49,858	46,419	5,287,607	5,578,351	6,689,092
Other Spring wheat	16,801	17,700	16,622	Tons	16,975	16,869	16,078	2,035,871	1,940,845	2,472,613
All wheat	62,712	61,770	60,971	Tons	71,893	69,629	65,566	7,647,527	7,968,237	9,739,587
Barley	6,753	6,667	6,277	Tons	9,553	8,997	8,618	812,889	783,709	1,027,383
Corn for grain	62,921	72,887	64,995	Tons	177,421	282,877	206,469	16,031,861	22,992,309	23,596,403
Corn for silage	6,831	5,601	5,295	Tons	81,289	88,588	77,867	1/	1/	1/
Potatoes	1,317.0	1,382.7	1,371.1	Cwt	428,693	467,924	442,309	2,636,650	2,595,999	2,799,067
Head lettuce	207.8	213.0	189.2	Cwt	67,811	67,418	59,989	1,086,716	895,928	1,388,300
Leaf lettuce	40.7	37.6	39.1	Cwt	8,363	8,496	8,922	247,459	232,772	300,523
Romaine lettuce	23.9	26.4	31.5	Cwt	6,582	7,129	9,039	130,366	143,411	223,860
Dry onions	152.6	160.8	163.8	Cwt	57,956	63,621	64,046	831,986	628,025	634,344
Broccoli	107.2	110.6	103.9	Cwt	10,799	12,894	12,180	277,663	336,481	366,636
Cauliflower	55.6	53.8	51.1	Cwt	6,719	6,953	6,525	201,381	196,115	217,206
Carrots	78.2	86.9	91.4	Cwt	21,720	25,133	26,292	258,203	303,117	401,871
Cantaloups	108.3	103.5	103.0	Cwt	19,097	18,258	21,079	297,055	300,805	383,198
Honeydews	23.3	24.7	29.0	Cwt	3,792	4,053	5,656	68,888	66,391	113,952
Watermelons	205.4	207.9	205.4	Cwt	37,791	39,984	40,829	261,765	271,677	358,093
Grapefruit	145.7	155.0	166.3	Ctn	136,750	130,200	142,100	301,614	319,081	300,677
Lemons	62.7	61.1	59.5	Ctn	49,600	51,800	48,200	239,872	257,362	265,496
Oranges	688.2	711.9	771.2	Ctn	511,520	480,900	537,010	1,489,938	1,541,277	1,563,507
Tangerines	26.3	29.9	34.2	Ctn	11,700	14,800	12,800	83,222	92,055	94,489
Grapes 2/	760.2	761.4	768.4	Tons	6,014,550	5,869,200	5,743,750	1,462,491	1,413,314	1,310,935
Apples 2/	460.6	458.9	461.7	Lbs	10,573,900	11,331,400	10,914,500	1,363,944	1,467,092	1,808,788

1/ Not available.

2/ Utilized production.

UPLAND COTTON: Acreage, yield, production, Arizona, by counties, 1991-95 1/

County and year	Planted	Harvested	Yield per harvested acre	Production	County and year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs	Bales		Acres		Lbs	Bales
APACHE					**MOHAVE**				
1991	0				1991	5,800	5,800	1,076	13,000
1992	0				1992	6,300	6,300	998	13,100
1993	0				1993	6,200	6,200	1,246	16,100
1994	0				1994	6,000	6,000	1,456	18,200
1995	0				1995	6,400	6,400	1,110	14,800
COCHISE					**NAVAJO**				
1991	17,800	17,500	603	22,000	1991	0			
1992	12,600	11,500	559	13,400	1992	0			
1993	12,000	11,900	545	13,500	1993	0			
1994	12,400	12,300	710	18,200	1994	0			
1995	14,800	14,800	558	17,200	1995	0			
COCONINO					**PIMA**				
1991	0				1991	10,400	10,400	1,108	24,000
1992	0				1992	11,000	10,900	1,145	26,000
1993	0				1993	11,100	11,100	1,098	25,400
1994	0				1994	10,300	10,200	1,101	23,400
1995	0				1995	12,400	12,400	1,065	27,500
GILA					**PINAL**				
1991	0				1991	128,000	127,800	1,239	330,000
1992	0				1992	105,500	105,100	1,131	247,600
1993	0				1993	102,600	102,200	1,110	236,400
1994	0				1994	104,000	103,800	1,188	256,800
1995	0				1995	129,500	129,300	1,023	275,700
GRAHAM					**SANTA CRUZ**				
1991	5,700	5,700	842	10,000	1991	0			
1992	8,500	8,500	774	13,700	1992	0			
1993	8,600	8,500	1,050	18,600	1993	0			
1994	9,400	9,300	914	17,700	1994	0			
1995	6,800	6,700	781	10,900	1995	0			
GREENLEE					**YAVAPAI**				
1991	1,200	1,000	960	2,000	1991	0			
1992	800	700	1,097	1,600	1992	0			
1993	800	800	900	1,500	1993	0			
1994	700	700	891	1,300	1994	0			
1995	800	800	600	1,000	1995	0			
LA PAZ					**YUMA**				
1991	28,400	28,400	1,301	77,000	1991	23,400	23,400	1,395	68,000
1992	28,700	28,700	1,310	78,300	1992	23,800	23,800	1,089	54,000
1993	32,500	32,500	1,409	95,400	1993	20,500	20,400	1,332	56,600
1994	27,200	27,100	1,282	72,400	1994	22,000	21,800	1,403	63,700
1995	28,300	28,200	1,100	64,600	1995	27,100	27,000	1,262	71,000
MARICOPA					**ARIZONA**				
1991	139,300	139,000	1,216	352,000	1991	360,000	359,000	1,201	898,000
1992	127,800	127,500	1,044	277,300	1992	325,000	323,000	1,077	725,000
1993	121,700	121,400	1,291	326,500	1993	316,000	315,000	1,204	790,000
1994	121,000	120,800	1,233	310,300	1994	313,000	312,000	1,203	782,000
1995	138,900	138,400	1,076	310,300	1995	365,000	364,000	1,046	793,000

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

UPLAND COTTON: Acreage, yield, production, and value, Arizona, 1991-95 1/

Year	Planted	Harvested	Yield per harvested acre	Lint		
				Production	Marketing year average price 2/	Value of production
	Acres		Lbs	Bales	Cents per lb	1,000 dol.
1991	360,000	359,000	1,201	898,000	60.4	260,348
1992	325,000	323,000	1,077	725,000	53.0	184,440
1993	316,000	315,000	1,204	790,000	58.1	220,315
1994	313,000	312,000	1,203	782,000	70.6	265,004
1995	365,000	364,000	1,046	793,000	76.2	290,048

1/ Production estimates are for 480 pound net weight bales.
2/ Average price for the August through July marketing season. Prices do not include an allowance for loans outstanding and government purchases.

UPLAND COTTON: Farm marketings, Arizona, 1990/91-1994/95

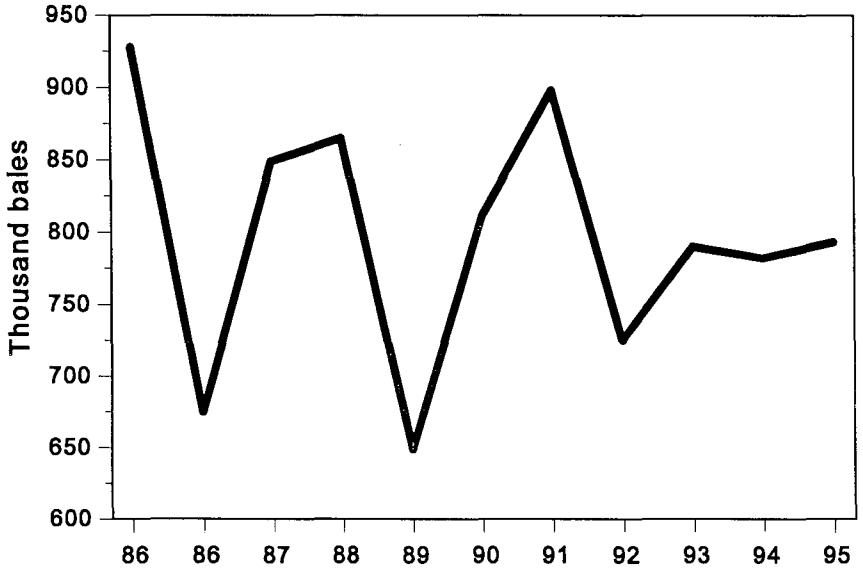
Crop year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
	Percent											
1990/91	.0	1.6	20.2	41.4	15.0	7.4	3.6	1.9	4.8	1.8	1.5	.8
1991/92	3.5	11.8	17.5	21.8	14.7	21.1	3.8	2.8	1.6	.3	.3	.8
1992/93	.0	16.4	14.7	17.9	15.1	12.9	4.7	12.7	3.3	.4	.4	1.5
1993/94	1.2	4.0	10.3	7.5	23.0	18.2	7.0	13.4	7.8	2.5	4.0	1.2
1994/95	1.1	6.1	19.1	48.8	11.4	5.4	1.9	.3	.0	1.8	1.8	2.3

UPLAND COTTON: Monthly and marketing year average prices received by growers, Arizona 1991/92-1995/96

Crop year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Marketing year average
	Cents per pound												
1991/92	63.5	62.4	64.7	63.9	60.3	55.0	52.1	50.7	54.3	1/	1/	1/	60.4
1992/93	1/	53.5	52.9	49.7	54.1	53.8	52.5	54.7	54.1	1/	1/	52.0	53.0
1993/94	51.7	52.3	51.7	52.4	54.9	58.4	64.2	62.6	63.5	67.0	67.0	62.8	58.1
1994/95	54.5	61.7	61.2	70.3	71.4	79.9	81.3	94.8	2/	102.3	102.3	97.7	70.6
1995/96	69.1	78.9	76.6	76.7	79.5	76.9	69.8	77.5	78.0	2/	2/	2/	76.2

1/ Sales insufficient to establish a price.
2/ Not available.

Arizona Upland Cotton
Production In Bales, 1986-1995



AMERICAN-PIMA COTTON: Acreage, yield, production, Arizona, by counties, 1991-95 1/

County and year	Planted	Harvested	Yield per harvested acre	Production	County and year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs	Bales		Acres		Lbs	Bales
APACHE					**MOHAVE**				
1991	0				1991	*			
1992	0				1992	*			
1993	0				1993	0			
1994	0				1994	0			
1995	0				1995	0			
COCHISE					**NAVAJO**				
1991	5,600	2,950	325	2,000	1991	0			
1992	3,500	2,900	207	1,250	1992	0			
1993	2,800	2,800	206	1,200	1993	0			
1994	*				1994	0			
1995	*				1995	0			
COCONINO					**PIMA**				
1991	0				1991	2,700	2,700	818	4,600
1992	0				1992	2,900	2,800	943	5,500
1993	0				1993	2,600	2,600	591	3,200
1994	0				1994	2,300	2,300	563	2,700
1995	0				1995	1,100	1,100	480	1,100
GILA					**PINAL**				
1991	0				1991	50,000	49,700	934	96,750
1992	0				1992	53,000	52,700	638	70,000
1993	0				1993	24,500	24,500	709	36,200
1994	0				1994	18,700	18,700	796	31,000
1995	0				1995	16,100	16,000	750	25,000
GRAHAM					**SANTA CRUZ**				
1991	20,000	19,950	614	25,500	1991	*			
1992	16,100	16,100	671	22,500	1992	0			
1993	13,500	13,500	768	21,600	1993	0			
1994	13,400	13,300	790	21,900	1994	0			
1995	17,300	17,000	647	22,900	1995	0			
GREENLEE					**YAVAPAI**				
1991	*				1991	0			
1992	*				1992	0			
1993	*				1993	0			
1994	*				1994	0			
1995	*				1995	0			
LA PAZ					**YUMA**				
1991	6,400	6,400	1,013	13,500	1991	2,600	2,600	942	5,100
1992	7,200	7,200	693	10,400	1992	1,800	1,800	640	2,400
1993	1,600	1,600	1,020	3,400	1993	1,400	1,400	1,063	3,100
1994	1,700	1,700	904	3,200	1994	1,500	1,500	1,280	4,000
1995	1,900	1,900	657	2,600	1995	1,800	1,800	1,147	4,300
MARICOPA					**ARIZONA**				
1991	18,400	18,400	965	36,600	1991	106,000	103,000	860	184,500
1992	18,200	18,200	675	25,600	1992	103,000	102,000	649	138,000
1993	10,600	10,500	837	18,300	1993	57,000	56,900	734	87,000
1994	9,800	9,800	842	17,200	1994	48,000	47,900	806	80,400
1995	9,500	9,400	797	15,600	1995	48,600	48,100	720	72,200

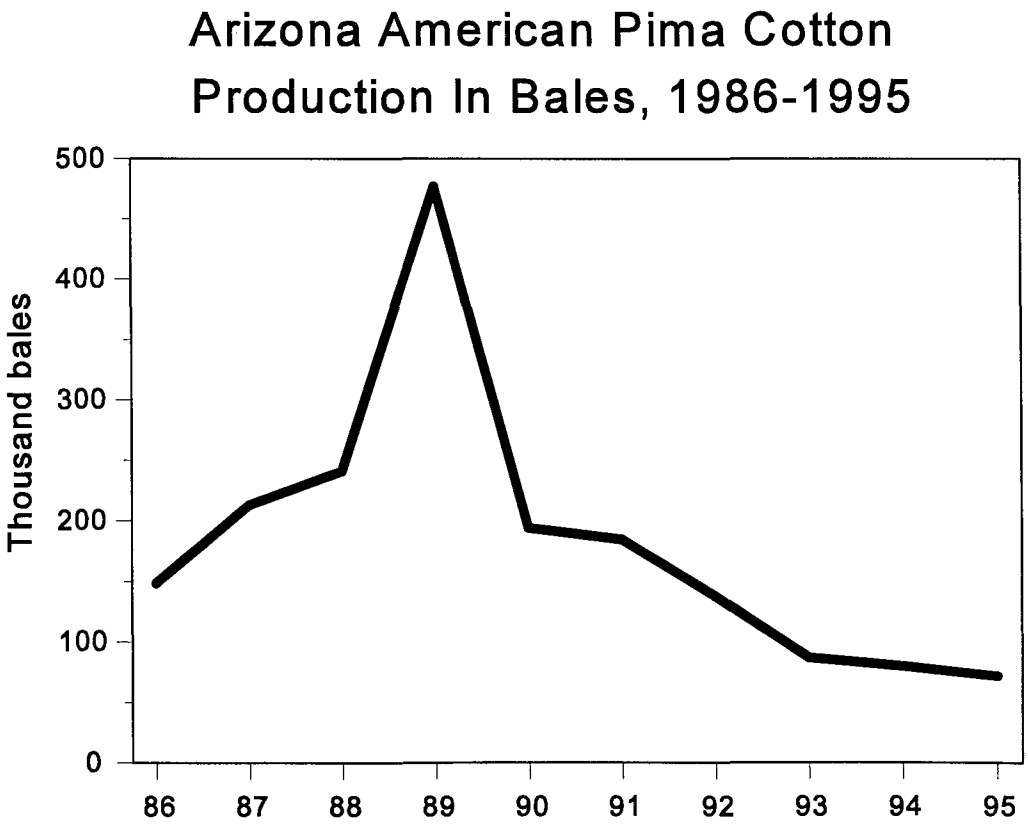
** Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosure of individual operations.*
1/ Production estimates are for 480 pound net weight bales.

AMERICAN-PIMA COTTON: Acreage, yield, production, and value, Arizona, 1991-95 1/

Year	Planted	Harvested	Yield per harvested acre	Lint		
				Production	Marketing year average price 2/	Value of production
	Acres		Lbs	Bales	Cents per lb	1,000 dol.
1991	106,000	103,000	860	184,500	97.6	86,435
1992	103,000	102,000	649	138,000	77.6	51,402
1993	57,000	56,900	734	87,000	91.6	38,252
1994	48,000	47,900	806	80,400	103.0	39,750
1995	48,600	48,100	720	72,200	131.0	45,399

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

2/ Average price for the August through July marketing season. Prices do not include an allowance for loans outstanding and government purchases.



ALL COTTON: Acreage, yield, production, Arizona, by counties, 1991-95 1/

County and year	Planted	Harvested	Yield per harvested acre	Production	County and year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs	Bales		Acres		Lbs	Bales
APACHE					**MOHAVE**				
1991	0				1991	*			
1992	0				1992	*			
1993	0				1993	6,200	6,200	1,246	16,100
1994	0				1994	6,000	6,000	1,456	18,200
1995	0				1995	6,400	6,400	1,110	14,800
COCHISE					**NAVAJO**				
1991	23,400	20,450	563	24,000	1991	0			
1992	16,100	14,400	488	14,650	1992	0			
1993	14,800	14,700	480	14,700	1993	0			
1994	*				1994	0			
1995	*				1995	0			
COCONINO					**PIMA**				
1991	0				1991	13,100	13,100	1,048	28,600
1992	0				1992	13,900	13,700	1,104	31,500
1993	0				1993	13,700	13,700	1,002	28,600
1994	0				1994	12,600	12,500	1,002	26,100
1995	0				1995	13,500	13,500	1,017	28,600
GILA					**PINAL**				
1991	0				1991	178,000	177,500	1,154	426,750
1992	0				1992	158,500	157,800	966	317,600
1993	0				1993	127,100	126,700	1,033	272,600
1994	0				1994	122,700	122,500	1,128	287,800
1995	0				1995	145,600	145,300	993	300,700
GRAHAM					**SANTA CRUZ**				
1991	25,700	25,650	664	35,500	1991	*			
1992	24,600	24,600	706	36,200	1992	0			
1993	22,100	22,000	877	40,200	1993	0			
1994	22,800	22,600	841	39,600	1994	0			
1995	24,100	23,700	685	33,800	1995	0			
GREENLEE					**YAVAPAI**				
1991	*				1991	0			
1992	*				1992	0			
1993	800	800	900	1,500	1993	0			
1994	*				1994	0			
1995	*				1995	0			
LA PAZ					**YUMA**				
1991	34,800	34,800	1,248	90,500	1991	26,000	26,000	1,350	73,100
1992	35,900	35,900	1,186	88,700	1992	25,600	25,600	1,058	56,400
1993	34,100	34,100	1,391	98,800	1993	21,900	21,800	1,314	59,700
1994	28,900	28,800	1,260	75,600	1994	23,500	23,300	1,395	67,700
1995	30,200	30,100	1,072	67,200	1995	28,900	28,800	1,255	75,300
MARICOPA					**ARIZONA**				
1991	157,700	157,400	1,185	388,600	1991	466,000	462,000	1,125	1,082,500
1992	146,000	145,700	998	302,900	1992	428,000	425,000	975	863,000
1993	132,300	131,900	1,255	344,800	1993	373,000	371,900	1,132	877,000
1994	130,800	130,600	1,204	327,500	1994	361,000	359,900	1,150	862,400
1995	148,400	147,800	1,058	325,900	1995	413,600	412,100	1,008	865,200

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

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

ALL COTTON: Acreage, yield, production, and value, Arizona 1991-95 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Value of production
	Acres		Lbs	Bales	1,000 dol.
1991	466,000	462,000	1,125	1,082,500	346,783
1992	428,000	425,000	975	863,000	235,842
1993	373,000	371,900	1,132	877,000	258,567
1994	361,000	359,900	1,150	862,400	304,754
1995	413,600	412,100	1,008	865,200	335,447

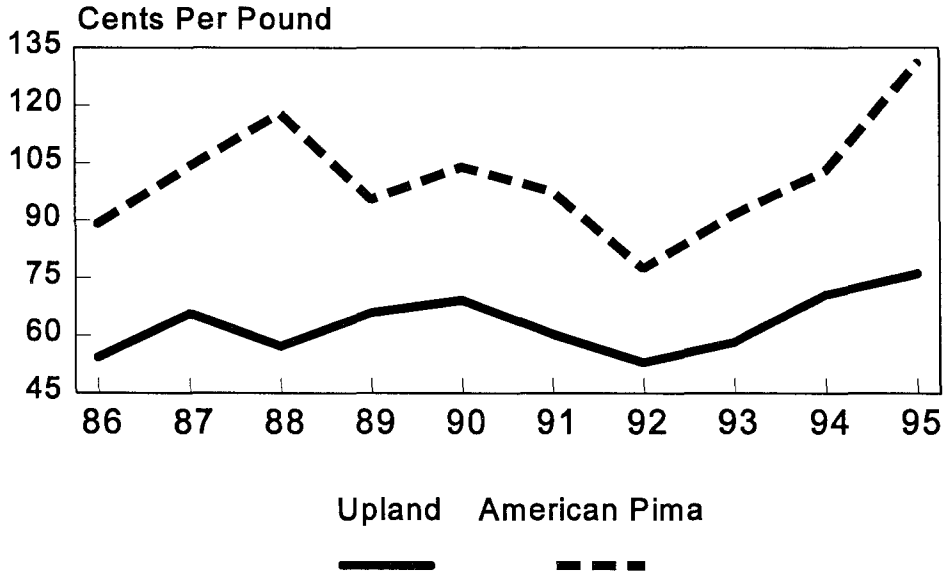
1/ Production estimates are for 480 pound net weight bales.

COTTONSEED: Production, disposition, price, and value, Arizona 1991-95

Year	Production	Farm disposition		Used for planting 2/	Marketing year average price 3/	Value of production	Value of sales to oil mills
		Sales to oil mills	Other uses 1/				
	1,000 tons				Dol. per ton	1,000 dollars	
1991	409.0	237.0	172.0	3.9	82.00	33,538	19,434
1992	335.0	161.0	174.0	3.4	107.00	35,845	17,227
1993	338.0	195.0	143.0	3.2	119.00	40,222	23,205
1994	324.0	174.0	150.0	3.7	129.00	41,796	22,446
1995	334.0	162.0	172.0	3.3	131.00	43,754	21,222

1/ Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses.
2/ Included in "other" farm disposition. Planting seed from previous year's crop.
3/ Average price for the August through July marketing season.

Arizona American Pima And Upland Cotton
Marketing Year Average Price, 1986-1995



DURUM WHEAT: Acreage, yield, and production, Arizona, by counties, 1991-95

County and year	Planted for all purposes	For grain			County and year	Planted for all purposes	For grain		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs 1/	Tons 1/		Acres		Lbs 1/	Tons 1/
APACHE					**MOHAVE**				
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	0				1994	0			
1995	0				1995	0			
COCHISE					**NAVAJO**				
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	*				1994	0			
1995	*				1995	0			
COCONINO					**PIMA**				
1991	*				1991	1,300	1,300	5,640	3,670
1992	*				1992	1,000	1,000	5,400	2,700
1993	*				1993	*			
1994	0				1994	4,400	4,400	5,690	12,510
1995	0				1995	3,200	3,100	3,770	5,850
GILA					**PINAL**				
1991	*				1991	10,800	10,800	5,400	29,160
1992	*				1992	16,000	16,000	4,800	38,400
1993	*				1993	18,000	17,500	5,400	47,250
1994	0				1994	37,000	36,500	5,030	91,800
1995	0				1995	45,100	44,600	4,420	98,460
GRAHAM					**SANTA CRUZ**				
1991	*				1991	*			
1992	1,000	1,000	4,500	2,250	1992	*			
1993	*				1993	*			
1994	*				1994	0			
1995	1,100	1,000	4,200	2,100	1995	0			
GREENLEE					**YAVAPAI**				
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	500	100	4,200	210
1994	*				1994	0			
1995	0				1995	0			
LA PAZ					**YUMA**				
1991	2,000	2,000	6,000	6,000	1991	12,000	11,500	6,000	34,500
1992	1,000	1,000	4,980	2,490	1992	13,000	12,500	5,580	34,880
1993	2,000	2,000	4,800	4,800	1993	7,400	5,400	5,340	14,420
1994	2,100	2,100	6,000	6,300	1994	20,000	19,900	6,030	60,000
1995	3,200	3,200	5,180	8,280	1995	26,800	26,600	6,290	83,610
MARICOPA					**ARIZONA**				
1991	12,000	11,500	5,700	32,780	1991	40,000	39,000	5,700	111,150
1992	12,000	11,500	5,100	29,320	1992	45,000	44,000	5,100	112,200
1993	23,000	21,000	5,520	57,960	1993	55,000	50,000	5,400	135,000
1994	30,000	29,600	5,620	83,100	1994	95,000	94,000	5,460	256,620
1995	20,000	19,900	5,570	55,380	1995	100,000	99,000	5,160	255,420

** Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosure of individual operations.*
1/ Converted from 60 pound bushels and rounded.

DURUM WHEAT: Acreage, yield, production, price, and value, Arizona, 1991-95

Year	Planted for all purposes	For grain				
		Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Lbs 2/	Tons 2/	Dol. per ton 2/	1,000 dol.
1991	40,000	39,000	5,700	111,150	121.00	13,449
1992	45,000	44,000	5,100	112,200	131.70	14,773
1993	55,000	50,000	5,400	135,000	128.30	17,325
1994	95,000	94,000	5,460	256,620	144.70	37,124
1995	100,000	99,000	5,160	255,420	156.70	40,016

1/ Average price for the May through April marketing season. Prices do not include an allowance for loans outstanding and government purchases.
2/ Converted from 60 pound bushels and rounded.

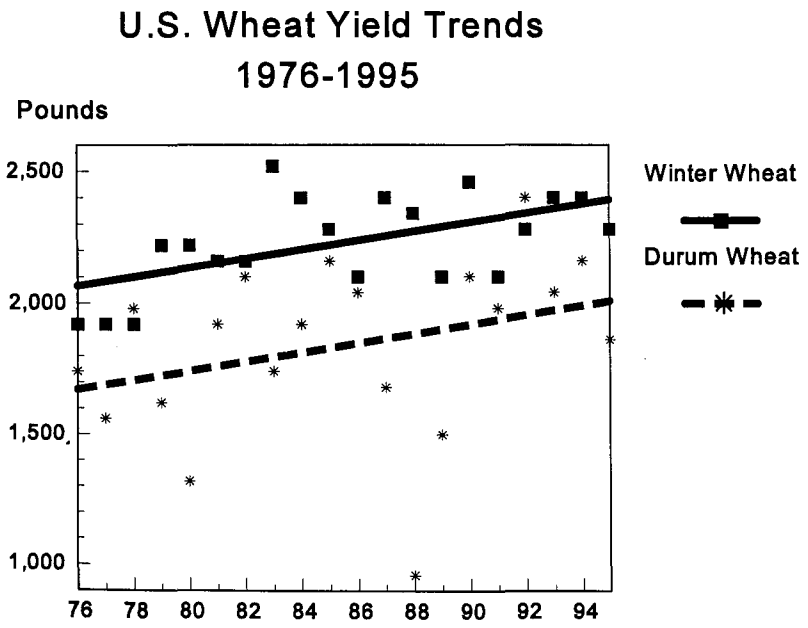
DURUM WHEAT: Farm marketings, Arizona 1990/91-1994/95

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1990/91	50	30	11	1	1	1	1	1	1	1	1	1
1991/92	25	58	0	2	0	0	0	0	14	0	0	0
1992/93	43	52	3	0	0	0	0	0	0	0	1	0
1993/94	31	28	39	0	2	0	0	0	0	0	0	0
1994/95 1/												

1/ Not available.

DURUM WHEAT: Monthly and marketing year average prices received by growers, Arizona, 1991/92-1995/96

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Marketing year average
	Dollars per ton												
1991/92	115.70	121.30	--	130.00	--	--	--	--	128.30	--	--	--	121.00
1992/93	132.00	131.30	130.00	--	--	--	--	--	--	--	132.00	--	131.70
1993/94	130.70	134.00	121.30	--	150.00	--	--	--	--	130.00	--	--	128.30
1994/95	142.70	144.30	150.00	145.00	--	--	--	--	--	--	140.00	150.00	144.70
1995/96	155.00	--	--	160.00	--	--	--	--	--	--	--	--	156.70



OTHER WHEAT: Acreage, yield, and production, Arizona, by counties, 1991-95

County and year	Planted for all purposes	For grain			County and year	Planted for all purposes	For grain		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs 1/	Tons 1/		Acres		Lbs 1/	Tons 1/
APACHE					**MOHAVE**				
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	0				1994	*			
1995	0				1995	*			
COCHISE					**NAVAJO**				
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	*				1994	0			
1995	*				1995	0			
COCONINO					**PIMA**				
1991	*				1991	500	500	4,800	1,200
1992	*				1992	500	400	4,980	1,000
1993	*				1993	*			
1994	0				1994	0			
1995	0				1995	1,300	1,200	5,300	3,180
GILA					**PINAL**				
1991	*				1991	2,400	2,100	6,120	6,430
1992	*				1992	2,000	1,800	4,800	4,320
1993	*				1993	3,600	3,400	5,280	8,980
1994	*				1994	3,000	2,700	4,670	6,300
1995	0				1995	*			
GRAHAM					**SANTA CRUZ**				
1991	*				1991	*			
1992	1,500	1,300	6,000	3,900	1992	*			
1993	*				1993	*			
1994	*				1994	0			
1995	0				1995	*			
GREENLEE					**YAVAPAI**				
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	700	700	3,000	1,050
1994	0				1994	0			
1995	0				1995	0			
LA PAZ					**YUMA**				
1991	4,000	4,000	6,180	12,360	1991	13,400	13,100	6,660	43,620
1992	8,700	8,700	5,040	21,920	1992	22,000	21,800	5,760	62,780
1993	5,000	5,000	5,640	14,100	1993	19,600	16,500	5,930	48,960
1994	3,900	3,600	5,420	9,750	1994	15,000	14,200	5,920	42,000
1995	1,500	1,400	6,640	4,650	1995	5,700	5,300	7,070	18,750
MARICOPA					**ARIZONA**				
1991	8,000	7,900	6,360	25,120	1991	30,000	29,000	6,300	91,350
1992	7,500	7,400	5,700	21,090	1992	45,000	44,000	5,400	118,800
1993	8,000	7,000	5,820	20,370	1993	40,000	35,000	5,640	98,700
1994	6,000	5,700	5,470	15,600	1994	30,000	28,000	5,640	78,960
1995	15,200	14,100	3,670	25,860	1995	25,000	23,000	4,800	55,200

** Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosure of individual operations.*
1/ Converted from 60 pound bushels and rounded.

OTHER WHEAT: Acreage, yield, production, price and value, Arizona, 1991-95

Year	Planted for all purposes	For grain				
		Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Lbs 2/	Tons 2/	Dol. per ton 2/	1,000 dol.
1991	30,000	29,000	6,300	91,350	111.30	10,170
1992	45,000	44,000	5,400	118,800	121.00	14,375
1993	40,000	35,000	5,640	98,700	107.70	10,627
1994	30,000	28,000	5,640	78,960	114.70	9,054
1995	25,000	23,000	4,800	55,200	125.00	6,900

1/ Average price for the May through April marketing season. Prices do not include an allowance for loans outstanding and government purchases.
2/ Converted from 60 pound bushels and rounded.

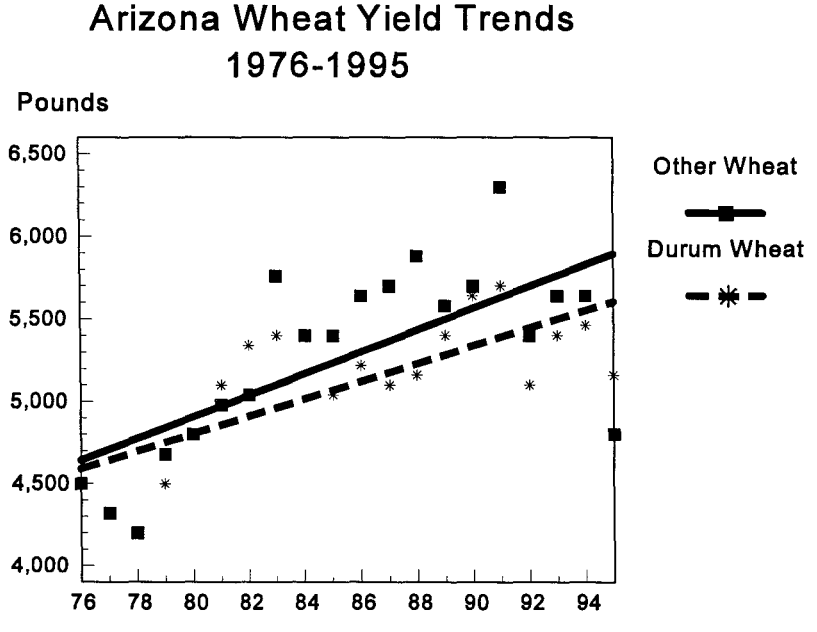
OTHER WHEAT: Farm marketings, Arizona 1990/91-1994/95

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1990/91	1	88	2	1	1	1	1	1	1	1	1	1
1991/92	0	14	76	0	0	0	2	0	8	0	0	0
1992/93	28	26	1	0	44	0	0	0	0	0	1	0
1993/94	9	61	29	0	1	0	0	0	0	0	0	0
1994/95 1/												

1/ Not available.

OTHER WHEAT: Monthly and marketing year average prices received by growers, Arizona, 1991/92-1995/96

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Marketing year average
	Dollars per ton												
1991/92	--	111.00	110.30	--	--	--	115.00	--	120.00	--	--	--	111.30
1992/93	115.70	117.70	110.00	--	127.00	--	--	--	--	--	115.00	--	121.00
1993/94	114.00	110.00	101.30	--	112.00	--	--	--	--	--	--	--	107.70
1994/95	115.70	113.70	110.00	120.00	127.70	--	--	--	--	--	--	--	114.70
1995/96	130.00	119.30	--	--	--	--	--	--	--	--	--	--	125.00



ALL WHEAT: Acreage, yield, and production, Arizona, by counties, 1991-95

County and year	Planted for all purposes	For grain			County and year	Planted for all purposes	For grain		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs 1/	Tons 1/		Acres		Lbs 1/	Tons 1/
APACHE					**MOHAVE**				
1991	700	500	2,860	710	1991	*			
1992	700	500	2,760	690	1992	800	800	3,410	1,360
1993	*				1993	600	600	3,700	1,110
1994	0				1994	*			
1995	0				1995	*			
COCHISE					**NAVAJO**				
1991	*				1991	*			
1992	*				1992	600	600	2,600	780
1993	*				1993	900	800	3,150	1,260
1994	1,300	1,200	4,400	2,640	1994	0			
1995	*				1995	0			
COCONINO					**PIMA**				
1991	*				1991	1,800	1,800	5,410	4,870
1992	*				1992	1,500	1,400	5,280	3,700
1993	*				1993	3,000	2,900	5,570	8,070
1994	0				1994	4,400	4,400	5,690	12,510
1995	0				1995	4,500	4,300	4,200	9,030
GILA					**PINAL**				
1991	*				1991	13,200	12,900	5,520	35,590
1992	*				1992	18,000	17,800	4,800	42,720
1993	*				1993	21,600	20,900	5,380	56,230
1994	*				1994	40,000	39,200	5,010	98,100
1995	0				1995	*			
GRAHAM					**SANTA CRUZ**				
1991	1,400	1,300	5,810	3,770	1991	*			
1992	2,500	2,300	5,350	6,150	1992	*			
1993	1,100	1,000	5,620	2,810	1993	*			
1994	1,800	1,600	6,260	5,010	1994	0			
1995	1,100	1,000	4,200	2,100	1995	*			
GREENLEE					**YAVAPAI**				
1991	*				1991	*			
1992	*				1992	800	800	2,890	1,160
1993	*				1993	1,200	800	3,150	1,260
1994	*				1994	0			
1995	0				1995	0			
LA PAZ					**YUMA**				
1991	6,000	6,000	6,120	18,360	1991	25,400	24,600	6,350	78,120
1992	9,700	9,700	5,030	24,410	1992	35,000	34,300	5,690	97,660
1993	7,000	7,000	5,400	18,900	1993	27,000	21,900	5,790	63,380
1994	6,000	5,700	5,630	16,050	1994	35,000	34,100	5,980	102,000
1995	4,700	4,600	5,620	12,930	1995	32,500	31,900	6,420	102,360
MARICOPA					**ARIZONA**				
1991	20,000	19,400	5,970	57,900	1991	70,000	68,000	5,960	202,500
1992	19,500	18,900	5,340	50,410	1992	90,000	88,000	5,250	231,000
1993	31,000	28,000	5,600	78,330	1993	95,000	85,000	5,500	233,700
1994	36,000	35,300	5,590	98,700	1994	125,000	122,000	5,500	335,580
1995	35,200	34,000	4,780	81,240	1995	125,000	122,000	5,090	310,620

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

1/ Converted from 60 pound bushels and rounded.

ALL WHEAT: Acreage, yield, production, price, and value, Arizona, 1991-95

Year	Planted for all purposes	For grain				
		Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Lbs 2/	Tons 2/	Dol. per ton 2/	1,000 dol.
1991	70,000	68,000	5,960	202,500	114.70	23,619
1992	90,000	88,000	5,250	231,000	128.00	29,148
1993	95,000	85,000	5,500	233,700	122.30	27,952
1994	125,000	122,000	5,500	335,580	140.70	46,178
1995	125,000	122,000	5,090	310,620	155.00	47,008

1/ Average price for the May through April marketing season. Prices do not include an allowance for loans outstanding and government purchases.
2/ Converted from 60 pound bushels and rounded.

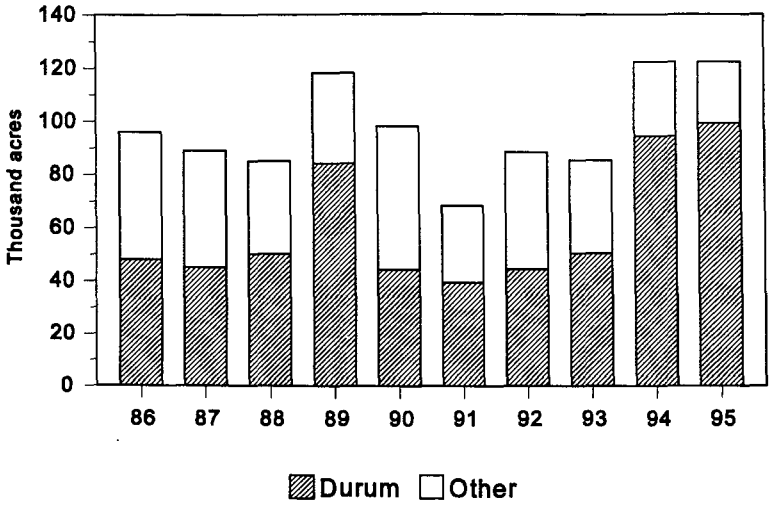
ALL WHEAT: Farm marketings, Arizona, 1990/91-1994/95

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1990/91	50	30	11	1	1	1	1	1	1	1	1	1
1991/92	8	29	51	1	0	0	1	10	0	0	0	0
1992/93	38	44	3	0	14	0	0	0	0	0	1	0
1993/94	24	37	37	0	2	0	0	0	0	0	0	0
1994/95	25	60	12	2	0	0	0	0	0	0	0	1

ALL WHEAT: Monthly and marketing year average prices received by growers, Arizona, 1991/92-1995/96

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Marketing year average
	Dollars per ton												
1991/92	115.70	118.00	110.30	130.00	--	--	115.00	--	124.00	--	--	--	114.70
1992/93	128.00	128.70	126.70	--	127.00	--	--	--	--	--	128.00	--	128.00
1993/94	129.00	122.70	116.30	--	144.70	--	--	--	--	130.00	--	--	122.30
1994/95	136.70	141.00	146.70	137.30	127.70	--	--	--	--	--	140.00	150.00	140.70
1995/96	149.30	156.00	155.00	160.00	--	--	--	--	--	--	--	--	155.00

Arizona Wheat Acreage Harvested By Year 1986 - 1995



BARLEY: Acreage, yield, and production, Arizona, by counties, 1991-95

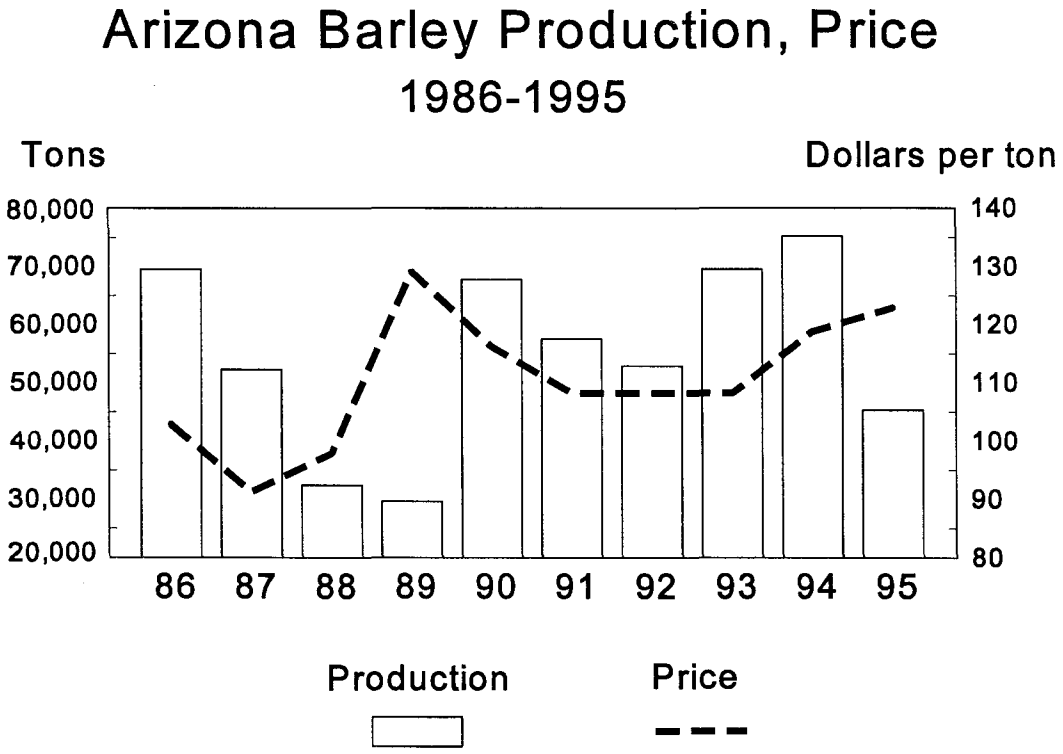
County and year	Planted for all purposes	For grain			County and year	Planted for all purposes	For grain		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs 1/	Tons 1/		Acres		Lbs 1/	Tons 1/
APACHE					**MOHAVE**				
1991	*				1991	0			
1992	*				1992	0			
1993	*				1993	0			
1994	*				1994	0			
1995	*				1995	0			
COCHISE					**NAVAJO**				
1991	1,400	1,300	5,280	3,430	1991	0			
1992	1,400	1,200	4,840	2,900	1992	*			
1993	2,100	1,800	3,330	3,000	1993	*			
1994	1,700	1,600	5,100	4,080	1994	0			
1995	2,000	1,400	4,870	3,410	1995	0			
COCONINO					**PIMA**				
1991	0				1991	*			
1992	0				1992	*			
1993	0				1993	*			
1994	0				1994	*			
1995	0				1995	*			
GILA					**PINAL**				
1991	0				1991	9,600	9,100	5,960	27,120
1992	0				1992	8,700	8,000	5,200	20,810
1993	0				1993	11,300	10,800	4,950	26,710
1994	0				1994	15,300	14,900	4,410	32,880
1995	0				1995	9,000	8,000	4,760	19,060
GRAHAM					**SANTA CRUZ**				
1991	1,200	1,200	6,080	3,650	1991	0			
1992	1,400	1,300	5,240	3,410	1992	0			
1993	1,000	900	4,850	2,180	1993	0			
1994	*				1994	0			
1995	1,100	*			1995	0			
GREENLEE					**YAVAPAI**				
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	*				1994	*			
1995	*				1995	*			
LA PAZ					**YUMA**				
1991	2/				1991	2,000	1,800	4,880	4,390
1992	2/				1992	2,100	1,800	4,400	3,960
1993	2/				1993	2,300	2,000	4,780	4,780
1994	2/				1994	2,000	2,000	5,640	5,640
1995	0				1995	1,500	1,400	4,110	2,880
MARICOPA					**ARIZONA**				
1991	6,800	6,100	5,840	17,810	1991	22,000	20,000	5,760	57,600
1992	9,400	8,200	5,090	20,880	1992	24,000	21,000	5,040	52,920
1993	13,800	13,100	4,910	32,160	1993	32,000	29,000	4,800	69,600
1994	13,500	13,000	4,370	28,420	1994	35,000	33,000	4,560	75,240
1995	11,000	9,300	4,050	18,840	1995	25,000	21,000	4,320	45,360

** Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosure of individual operations. 1/ Converted from 48 pound bushels and rounded. 2/ Acres and production included with Yuma County to avoid disclosure of individual operations.*

BARLEY: Acreage, yield, production, price, and value, Arizona, 1991-95

Year	Planted for all purposes	For grain				
		Harvested	Yield per acre	Production	Market year average price 1/	Value of production
	Acres		Lbs 2/	Tons 2/	Dol. per ton 2/	1,000 dol.
1991	22,000	20,000	5,760	57,600	108.30	6,240
1992	24,000	21,000	5,040	52,920	108.30	5,733
1993	32,000	29,000	4,800	69,600	108.30	7,540
1994	35,000	33,000	4,560	75,240	118.80	8,935
1995	25,000	21,000	4,320	45,360	122.90	5,576

1/ Average price for the May through April marketing season. Prices do not include an allowance for loans outstanding and government purchases.
2/ Converted from 48 pound bushels and rounded.



CORN: Acreage, yield, and production, Arizona, by counties, 1991-95

County and year	Planted for all purposes	For grain			County and year	Planted for all purposes	For grain		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs 1/	Tons 1/		Acres		Lbs 1/	Tons 1/
APACHE					**MOHAVE**				
1991	0				1991	0			
1992	*				1992	0			
1993	*				1993	0			
1994	0				1994	0			
1995	0				1995	0			
COCHISE					**NAVAJO**				
1991	4,500	2,400	9,800	11,760	1991	*			
1992	6,800	5,900	9,630	28,420	1992	*			
1993	7,300	5,000	9,300	23,250	1993	*			
1994	11,500	10,100	9,700	49,000	1994	*			
1995	9,500	9,400	10,780	50,680	1995	*			
COCONINO					**PIMA**				
1991	0				1991	*			
1992	0				1992	0			
1993	0				1993	0			
1994	0				1994	0			
1995	0				1995	0			
GILA					**PINAL**				
1991	0				1991	600	100	5,600	280
1992	0				1992	800	200	5,880	590
1993	0				1993	1,300	400	6,450	1,290
1994	0				1994	1,500	*		
1995	0				1995	2,000	*		
GRAHAM					**SANTA CRUZ**				
1991	2,600	1,400	11,000	7,700	1991	*			
1992	3,400	3,100	10,820	16,770	1992	0			
1993	3,500	3,000	9,520	14,280	1993	0			
1994	3,400	2,500	9,540	11,930	1994	0			
1995	3,700	3,600	8,930	16,070	1995	0			
GREENLEE					**YAVAPAI**				
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	*				1994	*			
1995	*				1995	*			
LA PAZ					**YUMA**				
1991	*				1991	0			
1992	*				1992	*			
1993	*				1993	*			
1994	*				1994	1,800	1,600	8,820	7,060
1995	*				1995	2,800	2,600	9,910	12,880
MARICOPA					**ARIZONA**				
1991	5,000	400	6,300	1,260	1991	14,000	5,000	9,520	23,800
1992	3,700	800	6,230	2,490	1992	16,000	11,000	9,520	52,360
1993	5,400	600	7,000	2,100	1993	19,000	10,000	8,960	44,800
1994	8,100	*			1994	28,000	15,000	9,520	71,400
1995	9,900	3,900	7,340	14,310	1995	30,000	22,000	9,520	104,720

** Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosure of individual operations.*
1/ Converted from 56 pound bushels and rounded.

CORN: Acreage, yield, production, price, and value, Arizona, 1991-95

Year	Planted for all purposes	For grain				
		Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Lbs 2/	Tons 2/	Dol. Per ton 2/	1,000 dol.
1991	14,000	5,000	9,520	23,800	100.00	2,380
1992	16,000	11,000	9,520	52,360	98.20	5,143
1993	19,000	10,000	8,960	44,800	110.10	4,976
1994	28,000	15,000	9,520	71,400	116.10	8,288
1995	30,000	22,000	9,520	104,720	132.10	13,838

1/ Average price for the September through August marketing season. Prices do not include an allowance for loans outstanding and government purchases.

2/ Converted from 56 pound bushels and rounded.

CORN FOR SILAGE: Acreage, yield, production, price, and value, Arizona 1991-95

Year	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	Acres	Tons	Tons	Dol. per ton	1,000 dol.
1991	9,000	28.0	252,000	24.00	6,048
1992	5,000	25.0	125,000	26.00	3,250
1993	9,000	27.0	243,000	35.00	8,500
1994	13,000	28.0	364,000	25.00	9,100
1995	8,000	26.0	208,000	32.00	6,656

GRAIN STOCKS: Off farm storage facilities December 1, Arizona, 1991-95

Year	Facilities 1/	Storage capacity
	Number	Tons
1991	36	638,500
1992	35	633,250
1993	35	633,250
1994	33	557,500
1995	33	615,000

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

ON FARM HAY STOCKS: Arizona, 1991-96

Month	1991	1992	1993	1994	1995	1996
			Tons			
May 1 1/	71,000	71,000	37,000	25,000	27,000	28,000
December 1	171,000	269,000	124,000	133,000	265,000	

1/ Includes old crop only.

ALFALFA HAY: Acreage, yield, and production, Arizona, by counties, 1991-95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				**MOHAVE**			
1991	2,000	3.0	6,000	1991	7,500	7.2	54,000
1992	1,700	3.5	6,000	1992	6,500	6.2	40,000
1993	1,500	3.0	4,500	1993	6,000	6.7	40,000
1994	1,000	3.0	3,000	1994	8,000	7.0	56,000
1995	1,000	2.5	2,500	1995	7,000	7.8	54,600
COCHISE				**NAVAJO**			
1991	7,000	3.9	27,000	1991	2,000	3.5	7,000
1992	6,100	4.3	26,000	1992	1,700	2.9	5,000
1993	5,000	5.8	29,000	1993	1,700	3.8	6,500
1994	6,000	6.0	36,000	1994	*		
1995	7,000	5.6	39,200	1995	*		
COCONINO				**PIMA**			
1991	*			1991	1,800	8.9	16,000
1992	*			1992	1,600	5.9	9,500
1993	500	6.0	3,000	1993	3,000	9.3	28,000
1994	*			1994	*		
1995	*			1995	1,400	8.9	12,500
GILA				**PINAL**			
1991	*			1991	12,000	7.9	94,500
1992	500	4.0	2,000	1992	11,000	7.5	82,000
1993	500	5.0	2,500	1993	14,000	7.6	106,000
1994	*			1994	17,500	7.5	132,000
1995	*			1995	22,000	6.4	140,000
GRAHAM				**SANTA CRUZ**			
1991	4,000	6.0	24,000	1991	500	6.0	3,000
1992	3,500	5.3	18,500	1992	500	5.0	2,500
1993	2,000	6.0	12,000	1993	*		
1994	*			1994	*		
1995	2,500	6.7	16,800	1995	*		
GREENLEE				**YAVAPAI**			
1991	*			1991	2,000	5.5	11,000
1992	*			1992	1,700	5.6	9,500
1993	*			1993	1,500	6.0	9,000
1994	*			1994	1,000	5.0	5,000
1995	1,000	9.5	9,500	1995	1,200	6.0	7,200
LA PAZ				**YUMA**			
1991	44,000	8.0	351,000	1991	36,000	8.7	313,000
1992	38,500	7.5	290,000	1992	32,000	8.8	283,000
1993	40,500	7.5	305,000	1993	30,000	8.1	243,000
1994	40,000	7.5	300,000	1994	28,000	8.6	240,000
1995	35,000	7.4	259,000	1995	29,400	9.0	265,000
MARICOPA				**ARIZONA**			
1991	50,000	8.0	398,000	1991	170,000	7.7	1,309,000
1992	44,000	7.2	318,000	1992	150,000	7.3	1,095,000
1993	43,000	7.3	316,000	1993	150,000	7.4	1,110,000
1994	51,000	7.5	384,000	1994	160,000	7.5	1,200,000
1995	55,500	8.5	472,000	1995	165,000	7.8	1,287,000

** Acres harvested too small to warrant quantitative estimate or not published to avoid disclosure of individual operations.*
1/ Does not include green chop or grazed.

OTHER HAY: Acreage, yield, and production, Arizona, by counties, 1991-95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				**MOHAVE**			
1991	1,000	2.5	2,500	1991	1,300	3.5	4,600
1992	1,000	4.0	4,000	1992	1,300	4.6	6,000
1993	1,500	2.3	3,500	1993	1,400	5.0	7,000
1994	1,000	2.0	2,000	1994	1,900	3.7	7,000
1995	*			1995	1,300	3.1	4,000
COCHISE				**NAVAJO**			
1991	600	3.3	2,000	1991	*		
1992	600	4.2	2,500	1992	*		
1993	600	3.3	2,000	1993	500	4.0	2,000
1994	1,000	3.0	3,000	1994	*		
1995	*			1995	*		
COCONINO				**PIMA**			
1991	500	3.0	1,500	1991	500	4.0	2,000
1992	500	3.0	1,500	1992	500	4.0	2,000
1993	600	3.3	2,000	1993	500	4.0	2,000
1994	*			1994	*		
1995	*			1995	*		
GILA				**PINAL**			
1991	*			1991	1,100	3.2	3,500
1992	*			1992	1,100	3.6	4,000
1993	500	3.0	1,500	1993	1,500	3.3	5,000
1994	*			1994	1,300	3.1	4,000
1995	*			1995	1,800	3.6	6,500
GRAHAM				**SANTA CRUZ**			
1991	500	4.0	2,000	1991	*		
1992	500	4.0	2,000	1992	*		
1993	500	4.0	2,000	1993	*		
1994	*			1994	*		
1995	*			1995	*		
GREENLEE				**YAVAPAI**			
1991	*			1991	1,200	3.3	3,900
1992	*			1992	1,200	4.2	5,000
1993	*			1993	1,200	3.8	4,500
1994	*			1994	1,000	3.0	3,000
1995	*			1995	*		
LA PAZ				**YUMA**			
1991	5,000	4.2	21,000	1991	12,500	4.1	51,000
1992	5,000	4.4	22,000	1992	12,500	4.5	56,000
1993	7,000	4.7	33,000	1993	13,000	2.7	35,000
1994	6,000	3.7	22,000	1994	15,500	3.8	59,000
1995	5,000	4.0	20,000	1995	14,000	3.3	46,000
MARICOPA				**ARIZONA**			
1991	4,600	4.1	19,000	1991	30,000	3.9	117,000
1992	4,600	4.3	20,000	1992	30,000	4.3	129,000
1993	5,500	4.4	24,000	1993	35,000	3.6	126,000
1994	4,500	4.0	18,000	1994	35,000	3.6	126,000
1995	5,000	4.2	20,800	1995	30,000	3.5	105,000

** Acres harvested too small to warrant quantitative estimate or not published to avoid disclosure of individual operations.*
1/ Does not include green chop or grazed.

ALL HAY: Acreage, yield, and production, Arizona, by counties, 1991-951/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				**MOHAVE**			
1991	3,000	2.8	8,500	1991	8,800	6.7	58,600
1992	2,700	3.7	10,000	1992	7,800	5.9	46,000
1993	3,000	2.7	8,000	1993	7,400	6.4	47,000
1994	2,000	2.5	5,000	1994	9,900	6.4	63,000
1995	*			1995	8,300	7.1	58,600
COCHISE				**NAVAJO**			
1991	7,600	3.8	29,000	1991	*		
1992	6,700	4.3	28,500	1992	*		
1993	5,600	5.5	31,000	1993	2,200	3.9	8,500
1994	7,000	5.6	39,000	1994	1,700	2.9	5,000
1995	*			1995	1,000	3.9	3,900
COCONINO				**PIMA**			
1991	*			1991	2,300	7.8	18,000
1992	*			1992	2,100	5.5	11,500
1993	1,100	4.5	5,000	1993	3,500	8.6	30,000
1994	1,000	3.0	3,000	1994	2,400	7.9	19,000
1995	*			1995	*		
GILA				**PINAL**			
1991	700	2.1	1,500	1991	13,100	7.5	98,000
1992	*			1992	12,100	7.1	86,000
1993	1,000	4.0	4,000	1993	15,500	7.2	111,000
1994	1,100	2.7	3,000	1994	18,800	7.2	136,000
1995	*			1995	23,800	6.2	146,500
GRAHAM				**SANTA CRUZ**			
1991	4,500	5.8	26,000	1991	*		
1992	4,000	5.1	20,500	1992	*		
1993	2,500	5.6	14,000	1993	700	5.0	3,500
1994	2,400	5.0	12,000	1994	700	5.0	3,500
1995	*			1995	*		
GREENLEE				**YAVAPAI**			
1991	700	5.7	4,000	1991	3,200	4.7	14,900
1992	600	5.0	3,000	1992	2,900	5.0	14,500
1993	800	5.6	4,500	1993	2,700	5.0	13,500
1994	1,000	6.5	6,500	1994	2,000	4.0	8,000
1995	*			1995	*		
LA PAZ				**YUMA**			
1991	49,000	7.6	372,000	1991	48,500	7.5	364,000
1992	43,500	7.2	312,000	1992	44,500	7.6	339,000
1993	47,500	7.1	338,000	1993	43,000	6.5	278,000
1994	46,000	7.0	322,000	1994	43,500	6.9	299,000
1995	40,000	7.0	279,000	1995	43,400	7.2	311,000
MARICOPA				**ARIZONA**			
1991	54,600	7.6	417,000	1991	200,000	7.13	1,426,000
1992	48,600	7.0	338,000	1992	180,000	6.80	1,224,000
1993	48,500	7.0	340,000	1993	185,000	6.68	1,236,000
1994	55,500	7.2	402,000	1994	195,000	6.80	1,326,000
1995	60,500	8.2	492,800	1995	195,000	7.1	1,392,000

** Alfalfa or other hay figures may have been published. Sum may not be published to avoid disclosure of acres harvested too small to warrant quantitative estimate.*

1/ Does not include green chop or grazed.

ALL HAY: Acreage, yield, production, price, and value, Arizona, 1991-95 1/

Year	Harvested	Yield per acre	Production	Marketing year average price 2/	Value of production
	Acres	Tons	Tons	Dol. per ton	1,000 dol.
1991	200,000	7.13	1,426,000	70.50	100,651
1992	180,000	6.80	1,224,000	63.50	77,498
1993	185,000	6.68	1,236,000	92.50	114,432
1994	195,000	6.80	1,326,000	100.00	133,554
1995	195,000	7.14	1,392,000	78.00	108,576

1/ Does not include green chop or grazed.
2/ Average price for the April through March marketing season.

ALL HAY: Farm marketings, Arizona, 1990/91-1994/95 1/

Crop year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
							Percent					
1990/91	13	15	13	13	6	4	5	7	5	5	5	9
1991/92	16	11	18	11	9	7	4	8	5	2	4	5
1992/93	8	9	11	11	12	10	10	6	7	5	6	5
1993/94	8	9	11	11	12	10	10	6	7	5	6	5
1994/95	11	10	11	10	10	11	7	7	6	6	5	6

1/ Hay production and sales (marketings) survey conducted biennially beginning 1992/93; percentages carried forward marketing year 1993/94.

ALL HAY: Monthly and marketing year average prices received by growers, Arizona, 1991/92-1995/96 1/

Crop year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Marketing year average
							Dollars per ton						
1991/92	84.00	81.00	71.00	57.00	64.00	54.00	58.00	67.00	77.00	68.00	86.00	66.00	70.50
1992/93	82.00	70.00	61.00	47.00	56.00	52.00	51.00	63.00	76.00	74.00	76.00	85.00	63.50
1993/94	100.00	95.00	76.00	80.00	78.00	82.00	90.00	99.00	109.00	108.00	126.00	116.00	92.50
1994/95	112.00	96.00	95.00	90.00	90.00	101.00	103.00	104.00	115.00	107.00	103.00	98.00	100.00
1995/96	91.00	88.00	73.00	69.00	64.00	65.00	77.00	81.00	84.00	82.00	85.00	94.00	78.00

1/ Does not include green chop or grazed.

ALFALFA HAY: Monthly and marketing year average prices received by growers, Arizona, 1991/92-1995/96 1/

Crop year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Marketing year average
							Dollars per ton						
1991/92	84.00	82.00	73.00	57.00	63.00	52.00	58.00	67.00	68.00	68.00	86.00	64.00	70.50
1992/93	84.00	71.00	63.00	46.00	56.00	49.00	51.00	63.00	76.00	74.00	75.00	85.00	64.00
1993/94	101.00	91.00	79.00	79.00	78.00	82.00	90.00	99.00	109.00	108.00	126.00	116.00	93.50
1994/95	115.00	98.00	98.00	93.00	92.00	104.00	105.00	108.00	118.00	109.00	104.00	99.00	103.00
1995/96	91.00	88.00	73.00	69.00	64.00	65.00	77.00	81.00	84.00	87.00	87.00	97.00	79.00

1/ Does not include green chop or grazed.

OTHER HAY: Monthly and marketing year average prices received by growers, Arizona 1991/92-1995/96 1/

Crop year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Marketing year average
							Dollars per ton						
1991/92	65.00	55.00	64.00	55.00	96.00	78.00	78.00	67.00	103.00	--	80.00	71.00	71.50
1992/93	51.00	60.00	52.00	54.00	55.00	63.00	58.00	58.00	68.00	68.00	86.00	100.00	57.50
1993/94	91.00	114.00	55.00	82.00	82.00	85.00	--	--	--	--	--	--	84.50
1994/95	100.00	--	--	60.00	73.00	--	--	--	--	--	--	--	79.00
1995/96	--	67.00	66.00	71.00	62.00	73.00	85.00	73.00	80.00	73.00	70.00	67.00	74.50

1/ Does not include green chop or grazed.

OTHER FIELD CROPS: Acreage, production, and value, Arizona 1991-95

Crop	Year	Harvested	Unit	Production	Value of production
		Acres		1,000	1,000 dol.
DRY BEANS	1991	2,500	Cwt	55	770
	1992	3,300		56	1,460
	1993	1,500		33	990
	1994	7,300		124	2,308
	1995	7,100		121	2,209
GUAR	1991	2,700	Lb	4,050	405
	1992	2,700		4,050	405
	1993	2,500		3,750	375
	1994	2,500		3,750	375
	1995	0			
JOJOBA	1991	10,000	Lb	2,500	5,625
	1992	10,000		2,250	4,500
	1993	10,000		2,000	1,200
	1994	6,000		1,800	1,800
	1995	6,000		1,800	2,250
OATS FOR GRAIN	1991	550	Lb	2,200	154
	1992	550		2,200	154
	1993	3,000		9,000	630
	1994	4,500		11,700	468
	1995	3,500		14,000	700
PEANUTS	1991	526	Lb	893	241
	1992	550		1,265	342
	1993	850		2,975	925
	1994	1,000		2,500	750
	1995	800		1,720	499
POPCORN	1991	15	Lb	60	9
	1992	20		80	12
	1993	0			
	1994	0			
	1995	0			
SAFFLOWER	1991	1/	Ton		
	1992	4,500		5.5	875
	1993	17,200		21.5	3,515
	1994	6,000		5.5	4,128
	1995	4,000		5.0	1,314
SESAME	1991	1,200	Lb	1,020	306
	1992	1,200		1,020	306
	1993	1,000		1,000	300
	1994	1,000		1,400	350
	1995	0			
SORGHUM GRAIN	1991	1,500	Ton	3.0	330
	1992	10,000		20.0	2,640
	1993	20,000		30.0	4,200
	1994	15,000		19.5	3,510
	1995	12,000		24.0	2,880
SORGHUM SILAGE	1991	3,000	Ton	75	750
	1992	3,000		75	1,800
	1993	3,000		75	1,800
	1994	5,000		75	1,800
	1995	8,000		160	4,800
MISCELLANEOUS SEEDS	1991	15,800			20,095
	1992	16,200			22,002
	1993	14,250			18,810
	1994	19,200			19,850
	1995	18,600			28,002

1/ Not available.

Source: Statistics developed with the assistance of the Arizona Cooperative Extension Service and growers and dealers.

CROP RECORDS: Acreage, yield, and production, Arizona

Crop	Date Series began	Record	Acreage		Yield			Production		
			Harvested	Year 1/	Unit	Per acre	Year 1/	Unit	Total	Year 1/
			1,000 acres						Thousands	
All cotton	1912	High	690.0	1953	Pounds	1,342.0	1987	Bales	1,609.7	1981
		Low	0.4	1912		212.0	1920		0.3	1912
Upland cotton	1917	High	648.5	1953	Pounds	1,410.0	1987	Bales	1,556.0	1981
		Low	8.0	1917		228.0	1922		7.1	1917
American-Pima cotton	1912	High	244.5	1989	Pounds	1,126.0	1987	Bales	477.0	1989
		Low	0.3	1947		180.0	1943		0.2	1947
Cottonseed	1917	High						Tons	631	1981
		Low							10	1917
All hay	1909	High	332	1944	Tons	7.36	1988	Tons	1,438	1973
		Low	98	1909		1.97	1940		237	1909
Alfalfa hay	1919	High	237	1944	Tons	7.90	1990	Tons	1,348	1973
		Low	82	1920		2.20	1940		238	1920
All wheat	1909	High	431	1976	Pounds	5,960	1991	Tons	970	1976
		Low	15	1954		870	1941		9	1910
Durum wheat	1976	High	319	1976	Pounds	5,700	1991	Tons	718	1976
		Low	39	1991		4,200	1978		111	1991
Other wheat	1964	High	260	1975	Pounds	6,300	1991	Tons	546	1975
		Low	23	1966		2,400	1966		28	1966
Barley	1909	High	268	1954	Pounds	5,760	1991	Tons	334	1954
		Low	8	1928		1,200	1922		6	1928
Corn for grain	1919	High	50	1978	Pounds	9,520	1995	Tons	161	1978
		Low	5	1991		520	1944		6	1924
Corn for silage	1919	High	18	1978	Tons	28.0	1994	Tons	364	1994
		Low	2	1934		5.0	1935		10	1934
Potatoes	1899	High	12.8	1969	Cwt	315.0	1989	Cwt	2,944	1969
		Low	1.0	1912		18.0	1900		18	1900
All oranges	1919/20	High						Cartons	10,520	1968/69
		Low							108	1927/28
Navel oranges	1934/35	High						Cartons	2,300	1968/69
		Low							194	1934/35
Valencia oranges	1934/35	High						Cartons	8,220	1968/69
		Low							146	1936/37
Grapefruit	1919/20	High						Cartons	8,200	1946/47
		Low							58	1919/20
Lemons	1958/59	High						Cartons	14,400	1974/75
		Low							680	1958/59
Tangerines	1964/65	High						Cartons	2,700	1983/84
		Low							380	1964/65
All grapes	1909	High						Tons	31,000	1987
		Low							250	1920

1/ The latest years records were achieved, some records were equaled in earlier years.

VEGETABLES, MELONS AND POTATOES

An extensive array of vegetables and melons are grown in Arizona. The mild winter climate in the lower elevations and the cooler summer weather in the higher elevations are conducive to vegetable production somewhere in the State throughout the year.

Slightly over 115 thousand acres were devoted to vegetable and melon crops during 1995, a decrease of around 10 percent from a year earlier. Western head lettuce, down some 8,300 harvested acres from 1994, continued as the acreage leader with 41,700 acres planted and harvested. Cantaloupes with 16,000 acres, an increase of 1,500 acres, was second in terms of acreage harvested.

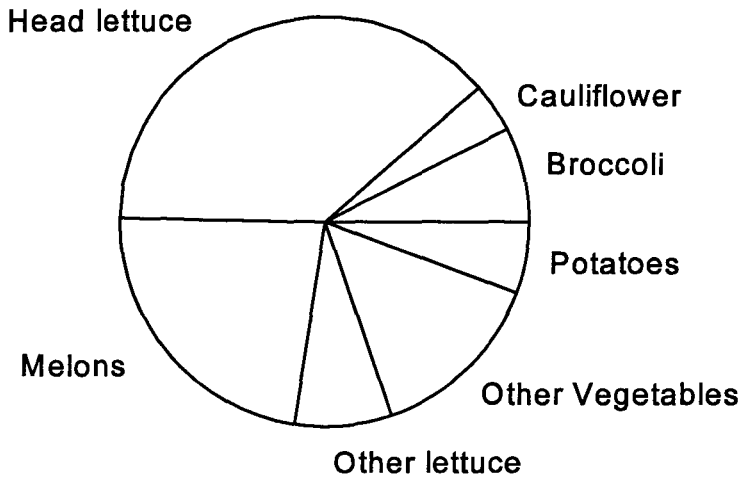
Record yields were established during 1995 for carrots cauliflower, head lettuce and leaf lettuce. Production of head lettuce, cantaloupes and honeydews were also at record levels.

The total value of all vegetables in Arizona during 1995 totaled $712 million, twice that of last year and the highest for any year of record. There were increases in the value of every major vegetable crop. The value of head lettuce at a record $370.3 million, topped all other vegetable crops combined. Other record breakers included leaf lettuce at $70.7 million, an increase of over 240 percent; cantaloupes at $61.1 million, an increase of 39 percent; romaine at $41.6 million, an increase of 228 percent and broccoli at $36.2 million, an increase of 66 percent.

"Miscellaneous" and "other" vegetables were harvested from over 12,908 acres, with a value of $41.5 million, 6 percent of the total value of all vegetables produced in Arizona. The most significant among these were chilies, spinach, greens and cabbage.

Arizona Vegetables, Melons, & Potatoes

Acres Harvested 1994-95 Season



115,208 Acres

HEAD LETTUCE WESTERN: Acreage, yield and production, Arizona, by counties, 1990/91-1994/95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
LA PAZ				YUMA			
1990/91	1,400	238	333	1990/91	43,600	323	14,067
1991/92	300	183	55	1991/92	45,600	286	13,027
1992/93	0			1992/93	47,500	275	13,063
1993/94	0			1993/94	50,000	315	15,750
1994/95	0			1994/95	41,700	410	17,097

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

HEAD LETTUCE WESTERN: Acreage, yield, production, price, and value, Arizona 1990/91-1994/95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990/91	45,000	45,000	320	14,400	9.25	133,200
1991/92	45,900	45,900	285	13,082	9.80	128,204
1992/93	47,500	47,500	275	13,063	14.40	188,107
1993/94	50,500	50,000	315	15,750	9.16	144,270
1994/95	41,700	41,700	410	17,097	20.70	353,908

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

HEAD LETTUCE WESTERN: Monthly and season average prices received by growers, Arizona, 1990/91-1994/95

Year	November	December	January	February	March	April	Season average
				Dollars per cwt			
1990/91	9.69	9.83	10.20	6.50	10.10	10.10	9.25
1991/92	14.70	9.54	7.50	6.96	13.10	--	9.80
1992/93	10.70	15.70	11.00	18.60	14.50	20.50	14.40
1993/94	8.28	7.98	8.05	11.90	9.60	8.55	9.16
1994/95	24.60	37.00	13.00	9.13	23.60	--	20.70

HEAD LETTUCE OTHER, SPRING: Acreage, yield, and production, Arizona, by counties, 1991-95 1/

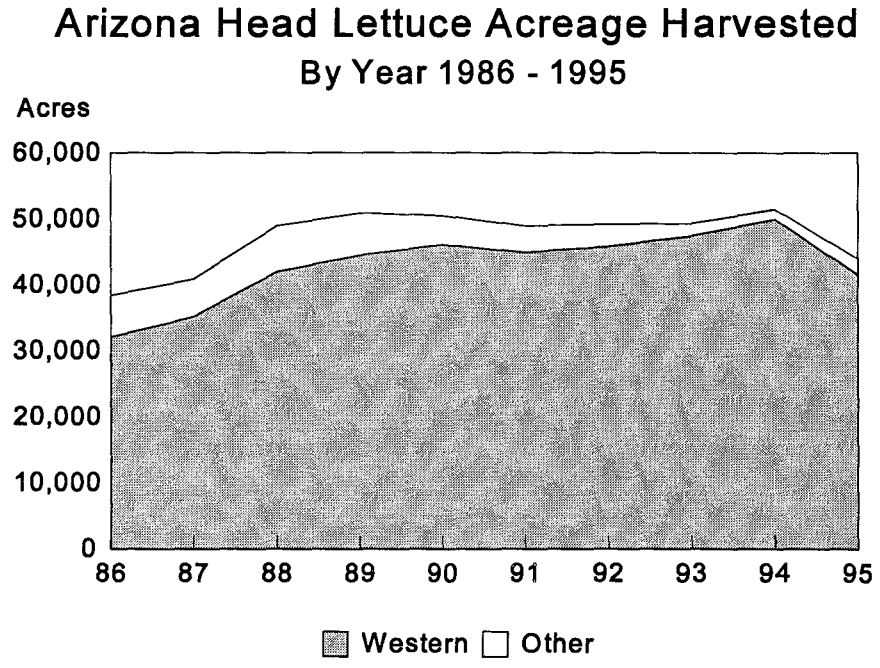
County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
COCHISE				**PIMA**			
1991	500	390	195	1991	370	324	120
1992	700	89	62	1992	350	274	96
1993	600	158	95	1993	200	170	34
1994	300	270	81	1994	300	177	53
1995	900	249	224	1995	300	353	106
MARICOPA				**PINAL**			
1991	400	263	105	1991	430	221	95
1992	250	200	50	1992	600	187	112
1993	0			1993	100	220	22
1994	100	280	28	1994	200	255	51
1995	0			1995	0		

1/ "Head lettuce other" refers to lettuce produced in all areas of the State except Yuma and La Paz counties. Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization.

HEAD LETTUCE OTHER, SPRING: Acreage, yield, production, price, and value, Arizona 1991-95 1/

Crop year	Planted	Harvested	Yield per acre	Production	Marketing year average price 2/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	1,700	1,700	303	515	14.00	7,210
1992	1,900	1,900	168	320	8.71	2,787
1993	900	900	168	151	17.00	2,567
1994	900	900	237	213	9.63	2,051
1995	1,200	1,200	275	330	41.60	13,712

1/ "Head lettuce other" refers to lettuce produced in all areas of the State except Yuma and La Paz counties.
2/ Average price for March through June marketing season.



HEAD LETTUCE OTHER, FALL: Acreage, yield, and production, Arizona, by counties, 1991/92-1995/96 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
COCHISE				PIMA			
1991/92	1,150	226	260	1991/92	350	200	70
1992/93	950	274	260	1992/93	300	37	11
1993/94	400	223	89	1993/94	200	160	32
1994/95	450	218	98	1994/95	150	227	34
1995/96	700	184	129	1995/96	100	120	12
MARICOPA				PINAL			
1991/92	300	250	75	1991/92	500	240	120
1992/93	250	220	55	1992/93	0		
1993/94	200	190	38	1993/94	200	160	32
1994/95	0			1994/95	0		
1995/96	100	250	25	1995/96	300	227	68

1/ "Head lettuce other" refers to lettuce produced in all areas of the State except Yuma and La Paz counties. Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization.

HEAD LETTUCE OTHER, FALL: Acreage, yield, production, price, and value, Arizona 1991/92-1995/96 1/

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 2/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991/92	2,300	2,300	228	525	16.80	8,806
1992/93	1,600	1,500	217	326	11.90	3,867
1993/94	1,000	1,000	191	191	9.48	1,811
1994/95	600	600	220	132	24.20	3,193
1995/96	1,200	1,200	195	234	11.30	2,644

1/ "Head lettuce other" refers to lettuce produced in all areas of the State except Yuma and La Paz counties.
2/ Average price for the October through January marketing season.

ALL HEAD LETTUCE OTHER: Acreage, yield, production, price, and value, Arizona, 1991/92-1995/96 1/

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 2/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991/92	4,000	4,000	260	1,040	15.40	16,016
1992/93	3,500	3,400	190	646	10.30	6,654
1993/94	1,900	1,900	180	342	12.80	4,378
1994/95	1,500	1,500	230	345	15.20	5,244
1995/96	2,400	2,400	235	564	29.00	16,356

1/ "Head lettuce other" refers to lettuce produced in all areas of the State except Yuma and La Paz counties.
2/ Average price for the March through June and October through January marketings seasons.

ALL HEAD LETTUCE OTHER: Monthly and season average prices received by growers, Arizona 1991/92-1995/96

Year	Mar.	Apr.	May	June	Sept.	Oct.	Nov.	Dec.	Jan.	Season average
					Dollars per cwt					
1991/92	12.00	8.89	25.90	13.50	--	12.80	24.80	11.60	8.32	15.40
1992/93	9.67	7.88	11.20	6.09	--	12.10	9.95	17.30	--	10.30
1993/94	15.40	29.20	8.56	8.01	9.90	9.90	8.88	7.67	--	12.80
1994/95	8.86	10.40	8.49	11.90	--	26.20	18.60	37.20	--	15.20
1995/96	41.80	47.60	43.70	15.30	--	12.30	9.52	8.26	16.00	29.00

LEAF LETTUCE: Acreage, yield, and production, Arizona, by counties, 1992-95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
MARICOPA				YUMA			
1992	350	103	36	1992	4,850	221	1,071
1993	200	200	40	1993	4,300	221	950
1994	0			1994	3,300	265	875
1995	150	167	25	1995	3,050	464	1,415
PINAL							
1992	100	60	6				
1993	*						
1994	200	90	18				
1995	0						

** Acres harvested too small to warrant quantitative estimate or not published to avoid disclosure of individual operations.*
1/ Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization. County estimates began with the 1992 crop.

LEAF LETTUCE: Acreage, yield, production, price and value, Arizona 1991-95

Year	Planted	Harvested	Yield per acre	Production	Markting year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	2/	2,500	325	812	16.35	13,277
1992	5,300	5,300	210	1,113	24.50	27,269
1993	4,500	4,500	220	990	44.10	43,659
1994	3,500	3,500	255	893	23.00	20,539
1995	3,200	3,200	450	1,440	49.10	70,704

1/ Average price for the November through April marketing season.
2/ Not available.

ROMAINE LETTUCE: Acreage, yield, and production, Arizona, by counties, 1992-95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
MARICOPA				YUMA			
1992	250	120	30	1992	2,650	262	695
1993	50	300	15	1993	3,250	290	942
1994	50	200	10	1994	4,050	251	1,015
1995	50	180	9	1995	5,650	261	1,473

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization. County estimates began with the 1992 crop.

ROMAINE LETTUCE: Acreage, yield, production, price and value, Arizona 1991-95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	2/	1,900	275	522	19.73	10,298
1992	2,900	2,900	250	725	14.20	10,295
1993	3,300	3,300	290	957	25.50	24,404
1994	4,200	4,100	250	1,025	12.40	12,710
1995	5,700	5,700	260	1,482	28.10	41,644

1/ Average price for the November through April marketing season.
2/ Not available.

CAULIFLOWER: Acreage, yield, and production, Arizona, by counties, 1990/91-1994/95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
MARICOPA				**YUMA**			
1990/91	500	114	57	1990/91	5,200	128	663
1991/92	800	75	60	1991/92	6,200	115	710
1992/93	700	71	50	1992/93	5,800	102	594
1993/94	500	100	50	1993/94	5,200	144	748
1994/95	200	150	30	1994/95	4,300	171	735
PINAL							
1990/91	100	50	5				
1991/92	0						
1992/93	0						
1993/94	0						
1994/95	0						

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

CAULIFLOWER: Acreage, yield, production, price, and value, Arizona, 1990/91-1994/95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990/91	5,800	5,800	125	725	31.10	22,548
1991/92	7,000	7,000	110	770	25.40	19,558
1992/93	6,500	6,500	99	644	32.50	20,930
1993/94	5,700	5,700	140	798	26.00	20,748
1994/95	4,500	4,500	170	765	36.90	28,229

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

BROCCOLI: Acreage, yield, and production, Arizona, by counties, 1990/91-1994/95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
MARICOPA				**YUMA**			
1990/91	1,700	81	138	1990/91	4,200	100	420
1991/92	2,400	83	200	1991/92	4,600	109	500
1992/93	2,300	71	163	1992/93	6,350	82	520
1993/94	2,300	98	225	1993/94	7,100	114	809
1994/95	2,000	125	250	1994/95	6,600	105	696
PINAL							
1990/91	600	100	60				
1991/92	0						
1992/93	50	80	4				
1993/94	0						
1994/95	0						

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

BROCCOLI: Acreage, yield, production, price and value, Arizona, 1990/91-1994/95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990/91	6,500	6,500	95	618	24.40	15,079
1991/92	7,000	7,000	100	700	21.10	14,770
1992/93	8,700	8,700	79	687	31.30	21,503
1993/94	9,400	9,400	110	1,034	21.10	21,817
1994/95	8,600	8,600	110	946	38.30	36,232

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

DRY ONIONS: Acreage, yield, and production, Arizona, by counties, 1991-95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
COCHISE				MARICOPA			
1991	80	350	28	1991	600	542	325
1992	100	370	37	1992	900	372	335
1993	100	340	34	1993	850	569	484
1994	150	267	40	1994	950	464	441
1995	250	340	85	1995	700	574	402
LA PAZ				OTHER COUNTIES			
1991	220	400	88	1991	0		
1992	200	390	78	1992	0		
1993	200	355	71	1993	150	280	42
1994	250	496	124	1994	250	332	83
1995	300	333	100	1995	150	567	85

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

DRY ONIONS: Acreage, yield, production, price, and value, Arizona 1991-95 1/

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 2/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	900	900	490	441	8.61	3,797
1992	1,300	1,200	375	450	9.82	4,418
1993	1,400	1,300	485	631	16.40	10,342
1994	1,700	1,600	430	688	7.72	5,308
1995	1,400	1,400	480	672	7.93	5,331

1/ Includes onions grown for processing.
2/ Average price for the April through July marketing season.

DRY ONIONS: Monthly and season average prices received by growers, Arizona 1991-95 1/

Year	April	May	June	July	Season average
			Dollars per cwt		
1991	--	11.70	8.11	8.09	8.61
1992	--	9.50	10.60	12.70	9.82
1993	--	21.40	11.00	11.00	16.40
1994	--	7.50	7.75	--	7.72
1995	7.50	7.32	7.75	8.00	7.93

1/ Monthly prices are for fresh market only. Season average includes onions grown for processing.

CARROTS: Acreage, yield, and production, Arizona, by counties, 1990/91-1994/95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
MARICOPA				YUMA			
1990/91	1,000	160	160	1990/91	0		
1991/92	1,300	143	186	1991/92	200	235	47
1992/93	1,100	196	216	1992/93	300	73	22
1993/94	2,100	136	285	1993/94	100	230	23
1994/95	1,900	275	523	1994/95	0		

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

CARROTS: Acreage, yield, production, price, and value, Arizona, 1990/91-1994/95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990/91	1,000	1,000	160	160	12.40	1,984
1991/92	1,500	1,500	155	233	14.00	3,262
1992/93	1,400	1,400	170	238	11.30	2,689
1993/94	2,200	2,200	140	308	11.70	3,604
1994/95	1,900	1,900	275	523	17.40	9,100

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

SPRING HONEYDEWS: Acreage, yield, and production, Arizona, by counties, 1991-95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
LA PAZ				PINAL			
1991	700	143	100	1991	350	154	54
1992	900	169	152	1992	550	127	70
1993	550	258	142	1993	250	136	34
1994	600	192	115	1994	2/		
1995	800	190	152	1995	400	163	65
MARICOPA				YUMA			
1991	750	153	115	1991	300	53	16
1992	550	109	60	1992	100	180	18
1993	550	182	100	1993	50	180	9
1994	750	199	149	1994	150	120	18
1995	900	178	160	1995	200	190	38

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization.
2/ Acres and production included with Maricopa County to avoid disclosure of individual operations.

SPRING HONEYDEWS: Acreage, yield, production, price, and value, Arizona 1991-95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	2,100	2,100	136	285	27.00	7,702
1992	2,200	2,100	143	300	13.40	4,010
1993	1,400	1,400	204	285	21.40	6,091
1994	1,500	1,500	188	282	15.80	4,456
1995	2,300	2,300	180	415	25.80	10,707

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

FALL HONEYDEWS: Acreage, yield, and production, Arizona, by counties, 1991-95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
COCHISE				PINAL			
1991	0			1991	300	60	18
1992	0			1992	150	93	14
1993	2/			1993	2/		
1994	0			1994	2/		
1995	3/			1995	3/		
LA PAZ				YUMA			
1991	160	106	17	1991	80	63	5
1992	150	100	15	1992	0		
1993	0			1993	0		
1994	100	50	5	1994	2/		
1995	450	133	60	1995	3/		
MARICOPA				OTHER COUNTIES			
1991	360	181	65	1991			
1992	100	210	21	1992			
1993	200	175	35	1993			
1994	500	120	60	1994			
1995	600	125	75	1995	250	104	26

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization.
2/ Acres and production included with Maricopa County to avoid disclosure of individual operations.
3/ Acres and production included in Other Counties to avoid disclosure of individual operations.

FALL HONEYDEWS: Acreage, yield, production, price, and value, Arizona 1991-95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	1,100	900	117	105	11.70	1,229
1992	600	400	125	50	19.90	995
1993	200	200	175	35	23.50	821
1994	600	600	108	65	30.70	1,998
1995	1,300	1,300	124	161	19.70	3,175

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

ALL HONEYDEWS: Acreage, yield, production, price, and value, Arizona, 1991-95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	3,200	3,000	130	390	22.90	8,931
1992	2,800	2,500	140	350	14.30	5,005
1993	1,600	1,600	200	320	21.60	6,912
1994	2,100	2,100	165	347	18.60	6,454
1995	3,600	3,600	160	576	24.10	13,882

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

ALL HONEYDEWS: Monthly and season average prices received by growers, Arizona, 1991-95

Year	May	June	July	August	September	October	November	Season average
				Dollars per cwt				
1991	--	44.40	31.50	10.70	11.10	11.70	11.90	22.90
1992	17.50	14.20	10.30	--	--	19.90	19.90	14.30
1993	14.50	25.30	18.50	--	25.00	25.00	25.00	21.60
1994	21.60	18.20	13.00	10.80	36.70	32.50	23.50	18.60
1995	43.70	27.20	23.50	23.50	21.20	21.20	17.10	24.10

SPRING CANTALOUPE: Acreage, yield, and production, Arizona, by counties, 1991-95 1/

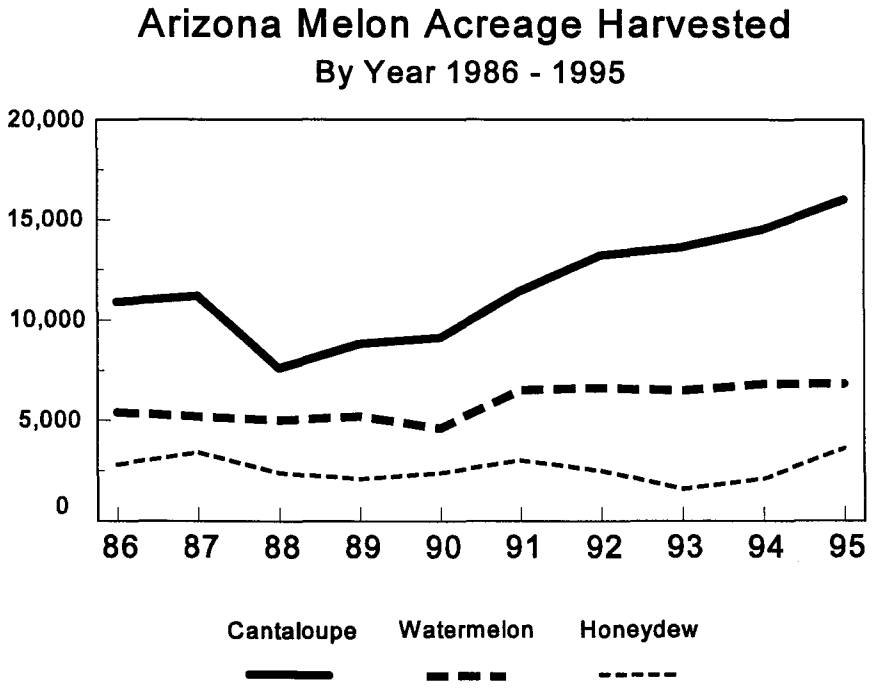
County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
LA PAZ				PINAL			
1991	650	186	121	1991	700	163	114
1992	1,150	183	210	1992	250	228	57
1993	1,200	220	264	1993	100	150	15
1994	1,200	233	280	1994	200	175	35
1995	1,100	207	228	1995	750	217	163
MARICOPA				YUMA			
1991	4,850	181	879	1991	2,000	106	211
1992	6,650	214	1,425	1992	1,950	158	308
1993	6,300	282	1,775	1993	700	117	82
1994	5,800	248	1,440	1994	700	307	215
1995	6,050	286	1,730	1995	1,000	314	314

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

SPRING CANTALOUPE: Acreage, yield, production, price, and value, Arizona, 1991-95

Crop year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	8,200	8,200	162	1,325	16.00	21,200
1992	10,600	10,000	200	2,000	12.60	25,200
1993	8,300	8,300	257	2,136	16.60	35,442
1994	7,900	7,900	249	1,970	14.40	28,433
1995	8,900	8,900	274	2,435	18.40	44,890

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



FALL CANTALOUPE: Acreage, yield, production, Arizona, by counties, 1991-95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
COCHISE				**PINAL**			
1991	0			1991	300	147	44
1992	0			1992	100	80	8
1993	*			1993	150	133	20
1994	600	67	40	1994	200	50	10
1995	250	80	20	1995	200	115	23
MARICOPA				**YUMA**			
1991	2,900	157	456	1991	0		
1992	2,450	131	320	1992	650	74	48
1993	5,150	136	700	1993	0		
1994	5,100	82	418	1994	700	39	27
1995	6,000	87	520	1995	650	65	42

** Acres harvested too small to warrant quantitative estimate or not published to avoid disclosure of individual operations.*
1/ Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization.

FALL CANTALOUPE: Acreage, yield, production, price, and value, Arizona 1991-95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 cwt
1991	3,500	3,200	156	500	25.00	12,500
1992	3,400	3,200	118	376	34.70	13,054
1993	5,300	5,300	136	720	18.60	13,396
1994	6,600	6,600	75	495	31.20	15,444
1995	7,100	7,100	85	605	26.80	16,214

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

ALL CANTALOUPE: Acreage, yield, production, price, and value, Arizona 1991-95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	11,700	11,400	160	1,825	18.50	33,700
1992	14,000	13,200	180	2,376	16.10	38,254
1993	13,600	13,600	210	2,856	17.10	48,838
1994	14,500	14,500	170	2,465	17.80	43,877
1995	16,000	16,000	190	3,040	20.10	61,104

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

WATERMELONS: Acreage, yield, and production, Arizona, by counties, 1991-95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
COCHISE				**PINAL**			
1991	0			1991	1,700	260	442
1992	100	100	10	1992	2,250	285	642
1993	350	200	70	1993	1,750	351	615
1994	300	147	44	1994	1,700	342	581
1995	250	136	34	1995	2,300	265	610
LA PAZ				**YUMA**			
1991	250	200	50	1991	550	300	165
1992	250	156	39	1992	500	332	166
1993	300	250	75	1993	1,000	400	400
1994	200	250	50	1994	1,000	442	442
1995	200	300	60	1995	1,000	378	378
MARICOPA							
1991	4,000	269	1,075				
1992	3,500	264	925				
1993	3,100	286	888				
1994	3,600	275	991				
1995	3,050	236	720				

1/ Watermelons are planted as Spring and Fall crops. Estimates by season are not available. Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization.

WATERMELONS: Acreage, yield, production, price, and value, Arizona, 1991-95 1/

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 2/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	6,500	6,500	266	1,732	6.84	11,844
1992	6,600	6,600	270	1,782	4.87	8,678
1993	6,500	6,500	315	2,048	7.29	14,930
1994	6,800	6,800	310	2,108	5.60	11,805
1995	6,800	6,800	265	1,802	11.40	20,543

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, and production, Arizona, by counties, 1991-95 1/

County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
MARICOPA 2/				YUMA			
1991	4,700	287	1,350	1991	0		
1992	5,100	288	1,470	1992	0		
1993	4,100	282	1,155	1993	0		
1994	4,200	279	1,170	1994	400	113	45
1995	4,600	280	1,287	1995	500	148	74
PINAL							
1991	1,300	323	420				
1992	1,000	330	330				
1993	1,400	236	330				
1994	1,700	268	455				
1995	1,400	281	394				

1/ Acres and production developed with the assistance of Arizona Citrus, Fruit and Vegetable Standardization.
2/ Includes some acreage in Cochise County.

POTATOES: Acreage, yield, production, price, and value, Arizona, 1991-95

Year	Planted	Harvested	Yield per acre	Production	Marketing year average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1991	6,000	6,000	295	1,770	10.40	18,408
1992	6,400	6,100	295	1,800	6.20	11,160
1993	5,500	5,500	270	1,485	8.25	12,251
1994	6,300	6,300	265	1,670	7.35	12,275
1995	6,500	6,500	270	1,755	7.65	13,426

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

POTATOES: Monthly and season average prices received by growers, Arizona, 1991-95 1/

Year	April	May	June	July	Marketing year average
1991	35.10	12.70	6.95	6.20	10.40
1992	13.30	6.65	5.40	5.70	6.20
1993	--	10.70	6.25	7.60	8.25
1994	11.20	8.50	5.95	5.55	7.35
1995	13.60	7.90	6.45	5.15	7.65

1/ Includes fresh market and processed potato prices.

OTHER VEGETABLES: Acres, production, and value, Arizona 1991-95

Crop	Year	Harvested acres 1/	Unit	Production 1/	Value of production 2/
		Acres			1,000 dol.
ASPARAGUS	1991	1,900	30 lb carton	146,877	4,113
	1992	1,350		95,646	2,476
	1993	250		13,000	350
	1994	240		24,500	750
	1995	240		20,100	695
BEETS	1991	65	35 lb carton	18,327	137
	1992	75		23,300	175
	1993	30		4,800	36
	1994	60		11,600	87
	1995	10		7,900	59
BOK CHOY	1991	160	25 lb carton	87,733	434
	1992	165		87,200	436
	1993	250		100,000	500
	1994	160		89,000	445
	1995	80		76,000	380
CABBAGE	1991	1,700	50 lb carton	849,240	3,737
	1992	3,500		1,200,000	5,880
	1993	1,500		756,000	4,007
	1994	2,800		1,030,000	11,845
	1995	1,750		525,600	4,126
CHILE PEPPERS	1991 3/	1,400	Ton	1,388	1,500
	1992	2,900			
GREEN				6,840	1,812
RED				4,691	5,199
	1993	4,200			
GREEN				10,600	2,605
RED				4,260	3,687
	1994	4,000			
GREEN				11,964	3,733
RED				4,060	2,921
	1995	3,200			
GREEN				14,080	5,463
RED				2,256	1,918
GREENS	1991	1,400	25 lb carton	1,169,179	4,443
	1992	1,500		964,100	4,676
	1993	900		529,000	2,566
	1994	750		540,000	2,700
	1995	750		829,000	4,560
KALE	1991	240	25 lb carton	128,611	592
	1992	400		160,600	972
	1993	100		77,500	465
	1994	1,270		506,929	1,578
	1995	150		173,000	1,038
NAPA	1991	180	40 lb carton	102,280	307
	1992	225		101,650	305
	1993	200		86,500	260
	1994	220		128,000	384
	1995	200		74,900	225
ONIONS, GREEN	1991	310	18 lb carton	378,039	2,847
	1992	250		417,250	793
	1993	260		196,000	960
	1994	280		355,000	2,592
	1995	570		362,000	2,588
PARSLEY	1991	76	21 lb carton	54,166	222
	1992	100		54,650	224
	1993	60		41,700	171
	1994	130		90,000	369
	1995	90		122,800	503

See footnotes at end of table.

Continued--

OTHER VEGETABLES: Acres, production, and value, Arizona 1991-95--continued

Crop	Year	Harvested acres 1/	Unit	Production 1/	Value of production 2/
		Acres			1,000 dol.
RAPINI	1991	140	25 lb carton	49,698	283
	1992	160		77,900	444
	1993	160		47,000	268
	1994	280		53,000	302
	1995	50		29,500	168
SPINACH	1991	670	25 lb carton	393,125	2,359
	1992	1,050		534,000	2,777
	1993	1,260		527,620	2,633
	1994	2,450		735,100	5,785
	1995	1,630		784,100	6,256
SQUASH	1991	510	24 lb carton	91,539	851
	1992	520		8,000	74
	1993	1,100		158,467	428
	1994	680		48,000	5
	1995	450		16,200	59
SWEET CORN	1991	360	50 lb carton	50,072	431
	1992	800		88,000	700
	1993	2,700		127,300	960
	1994	1,500		92,000	690
	1995	1,400		150,500	1,407
TURNIPS	1991	150	25 lb sack	121,098	939
	1992	155		100,000	780
	1993	150		40,800	318
	1994	175		55,000	429
	1995	160		28,600	223
MISCELLANEOUS VEGETABLES 4/	1991	3,711			7,760
	1992	3,587			7,964
	1993	3,841			7,141
	1994	4,797			12,220
	1995	2,178			11,872

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.

2/ 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.

3/ Green tonnage is reported as actual weight. An 8:1 ratio used to convert green tonnage to a dry weight equivalent.

4/ 1991 includes anise, artichokes, bell peppers, cilantro, celery, cucumbers, endive, escarole, Fava beans, garlic, leeks, Maza corn, miscellaneous melons, pumpkins, radishes, snap beans, Swiss chard, and tomatoes; 1992 includes anise, artichokes, bell peppers, broccoflower, cilantro, celery, cucumbers, eggplant, endive, escarole, Fava beans, garlic, leeks, Maza corn, miscellaneous melons, peas, pumpkins, radishes, snap beans, Swiss chard, and tomatoes; 1993 includes anise, artichokes, bell peppers, broccoflower, cilantro, celery, cucumbers, endive, escarole, Fava beans, garlic, leeks, Maza corn, miscellaneous melons, pumpkins, radishes, snap beans, and tomatoes; 1994 includes anise, artichokes, bell peppers, broccoflower, cilantro, celery, dill, endive, escarole, Fava beans, kohlrabi, leeks, miscellaneous melons, pumpkins, radishes, salad savoy, Swiss chard, tomatoes, and watercres; 1995 includes anise, artichokes, bell peppers, broccoflower, cilantro, celery, dill, endive, escarole, kohlrabi, leeks, miscellaneous melons, pumpkins, radishes, salad savoy, Swiss chard, tomatoes, and watercress. Production not published due to the different units of production.

FRUIT AND NUTS

Nationally, citrus production for the 1994-95 season was 10 percent more than the previous season and is the second highest on record due primarily to Florida's near record high orange crop and record high grapefruit production. Orange production in California was down 4 percent from last season as yields continued to decline. Texas orange and grapefruit acreage and production continued to increase from the December 1989 freeze. For the 1994-95 season, Florida accounted for 75 percent of the U.S. citrus production, California produced 22 percent, Arizona's output equaled 2 percent and Texas accounted for 1 percent.

The 1994-95 season was not a banner season for most Arizona citrus growers. Most problems were weather related. The lemon crop was the smallest since 1989-90. The value of the crop at $37.2 million, was down 26 percent from a year earlier but just slightly above that of 2 seasons ago. Lemons are the number one citrus crop in the State, accounting for over half of the total production and value. The Arizona grapefruit crop was the smallest since 1936. Prices, however, averaged more than twice those of the previous season. The orange crop was down 45 percent from a year earlier and was the smallest since 1958. Value of the crop, in spite of the highest prices since 1990-91, was down 39 percent. Tangerine volume was down by 35 percent and the smallest crop since 1990-91. The average carton price rebounded to $8.14, the highest in 4 years.

A devastating freeze the last week of March wiped out a good portion of Arizona's apple crop. A mild winter had trees in full bloom when the cold front arrived. With the bulk of the apples that were harvested going to processing, the season average price was also down somewhat in spite of a somewhat improved market for fresh market apples.

Grape production was unchanged from a year earlier. The total value of the crop was down 5 percent, reflecting a lower season average price.

Upper elevation pecan groves experienced freeze damage during the Spring with the total crop being lost in some groves. Extreme summer heat resulted in smaller nuts as well as delays in getting harvest underway. Needless to say, Arizona's pecan crop was down from a year earlier. Arizona production and value statistics are again combined with those of Mississippi, Missouri and Tennessee. The average price received by growers in these 4 states, at $1.24 per pound is up 3 cents from a year earlier. However, production was down 12 percent.

APPLES: Acreage, production, price and value, Arizona, 1991-95

Crop year	Bearing acreage	Utilization of production			Season average price	Value of utilized production
		Fresh	Processed	Total		
	Acres		Mil lbs		Dol. per lb	1,000 dol.
1991	4,000	14.9	41.1	56.0	.141	7,891
1992	4,500	7.3	65.7	73.0	.083	6,059
1993	4,400	4.0	51.0	55.0	.066	3,654
1994	4,400	8.0	51.0	59.0	.078	4,621
1995	4,200	.2	10.8	11.0	.071	782

PECANS: Production, price and value, four states, 1991-95 1/

Crop year	Utilized production	Price per pound	Value of utilized production
	1,000 lbs	Dollars	1,000 dollars
1991	20,700	1.290	26,638
1992	20,100	1.450	29,235
1993	24,700	1.000	24,733
1994	20,500	1.210	24,869
1995	18,100	1.240	22,443

1/ Four states include Arizona, Kansas, Missouri and Tennessee 1991 and 1992; Arizona, Mississippi, Missouri, and Tennessee 1993 through 1995.

GRAPEFRUIT: Acreage and production, by varieties, Arizona, by counties, 1990/91-1994/95

County and crop year	Harvested 1/			Utilization of production		
	White	Red Blush	All	Fresh 2/	Processed 2/	Total
	Acres			1,000 cartons 3/		
MARICOPA 4/						
1990/91	1,700	2,000	3,700	1,324	806	2,130
1991/92	1,700	1,850	3,550	2,084	1,060	3,144
1992/93	1,800	1,900	3,700	1,077	923	2,000
1993/94	1,800	1,900	3,700	721	791	1,512
1994/95	1,800	1,900	3,700	1,178	103	1,281
YUMA						
1990/91	250	2,250	2,500	2,060	610	2,670
1991/92	250	2,100	2,350	1,996	460	2,456
1992/93	200	2,000	2,200	1,751	549	2,300
1993/94	200	2,000	2,200	1,543	445	1,988
1994/95	100	1,800	1,900	1,448	71	1,519

1/ Acres harvested from Arizona Citrus, Fruit and Vegetable Standardization.
2/ Production for all grapefruit.
3/ Net weight per carton, 33.5 pounds; 32 pounds prior to the 1993/94 season.
4/ Includes small acreage and production in Pinal County.

GRAPEFRUIT: Acreage, production, price, and value, Arizona, 1990/91-1994/95

Crop year	Harvested 1/	Utilization of production			Season average price 2/	Value of production
		Fresh	Processed	Total		
	Acres	1,000 cartons 3/			Dol. per ctn	1,000 dol.
1990/91	6,200	3,384	1,416	4,800	3.34	16,005
1991/92	5,900	4,080	1,520	5,600	2.92	16,327
1992/93	5,900	2,828	1,472	4,300	1.62	6,952
1993/94	5,900	2,264	1,236	3,500	1.44	5,046
1994/95	5,600	2,626	174	2,800	2.91	8,136

1/ Acres harvested from Arizona Citrus, Fruit and Vegetable Standardization.
2/ Equivalent packinghouse door returns. Marketing season November1-July 31.
3/ Net weight per carton, 33.5 pounds; 32 pounds prior to the 1993/94 season.

GRAPEFRUIT: Season average price and equivalent returns by utilization, Arizona, 1990/91-1994/95

Crop year	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
	Dollars per carton 1/						
1990/91	7.45	3.34	4.77	-.09	2.58	4.01	-.85
1991/92	6.60	2.92	3.88	.34	2.06	3.02	-.52
1992/93	5.10	1.62	2.50	-.08	.81	1.69	-.89
1993/94	4.87	1.44	2.28	-.09	.65	1.49	-.88
1994/95	5.70	2.91	3.11	-.11	2.12	2.32	-.90

1/ Net weight per carton, 33.5 pounds; 32 pounds prior to the 1993/94 season.

GRAPEFRUIT: Monthly prices and equivalent returns by utilization, Arizona, 1990/91-1994/95

Crop year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1990/91							
Oct.	5.45	2.77	2.77	--	2.01	2.01	--
Nov.	6.15	3.32	3.47	-.10	2.56	2.71	-.86
Dec.	6.25	3.14	3.57	-.10	2.38	2.81	-.86
Jan.	6.95	3.81	4.27	-.10	3.05	3.51	-.86
Feb.	7.75	4.21	5.07	-.09	3.45	4.31	-.85
Mar.	8.00	4.67	5.32	-.10	3.91	4.56	-.86
Apr.	7.60	3.47	4.92	-.09	2.71	4.16	-.85
May	7.70	3.13	5.02	-.09	2.37	4.26	-.85
June	7.40	3.17	4.72	-.10	2.41	3.96	-.86
July	--	--	--	--	--	--	--
Aug.	--	--	--	--	--	--	--
1991/92							
Oct.	--	--	--	--	--	--	--
Nov.	5.45	2.69	2.73	-.13	1.83	1.87	-.99
Dec.	5.55	2.72	2.83	-.13	1.86	1.97	-.99
Jan.	5.65	2.84	2.93	-.02	1.98	2.07	-.88
Feb.	5.85	2.78	3.13	.03	1.92	2.27	-.83
Mar.	6.15	2.81	3.43	.35	1.95	2.57	-.51
Apr.	6.90	3.06	4.18	.33	2.20	3.32	-.53
May	7.10	3.01	4.38	.34	2.15	3.52	-.52
June	7.15	2.98	4.43	.41	2.12	3.57	-.45
July	6.90	2.54	4.18	.35	1.68	3.32	-.51
Aug.	--	--	--	--	--	--	--
1992/93							
Oct.	7.75	5.04	5.15	.40	4.23	4.34	- .42
Nov.	5.50	2.79	2.85	-.04	1.98	2.04	- .85
Dec.	5.55	2.74	2.95	-.07	1.93	2.14	- .88
Jan.	5.55	2.85	2.95	-.09	2.04	2.14	- .90
Feb.	5.50	2.59	2.90	-.10	1.78	2.09	- .91
Mar.	4.92	1.95	2.32	-.10	1.14	1.51	- .91
Apr.	5.15	2.03	2.55	-.10	1.22	1.74	- .91
May	4.39	.94	1.79	-.10	.14	.98	- .91
June	4.81	1.11	2.21	-.08	.30	1.40	- .89
July	5.35	1.31	2.75	-.08	.50	1.94	- .89
Aug.	4.87	1.56	2.27	-.08	.75	1.46	- .89
1993/94							
Oct.	6.15	1.73	3.56	-.11	.94	2.77	- .90
Nov.	5.25	2.50	2.66	-.11	1.71	1.87	- .90
Dec.	5.05	2.20	2.46	-.11	1.41	1.67	- .90
Jan.	4.78	2.05	2.18	-.11	1.26	1.39	- .90
Feb.	4.86	2.13	2.27	-.11	1.34	1.48	- .90
Mar.	4.61	1.70	2.01	-.09	.91	1.22	- .88
Apr.	4.16	1.02	1.56	-.09	.23	.77	- .88
May	4.45	1.43	1.86	-.01	.64	1.07	- .80
June	5.10	1.21	2.51	-.09	.42	1.72	- .88
July	5.30	1.30	2.71	-.11	.51	1.92	- .90
Aug.	--	--	--	--	--	--	--
1994/95							
Oct.	5.00	2.41	2.41	--	1.62	1.62	--
Nov.	5.65	3.06	3.06	--	2.27	2.27	--
Dec.	5.20	2.61	2.61	--	1.82	1.82	--
Jan.	4.74	2.15	2.15	--	1.36	1.36	--
Feb.	5.45	2.86	2.86	--	2.07	2.07	--
Mar.	5.60	2.70	3.01	-.11	1.91	2.22	-.90
Apr.	5.00	1.63	2.41	-.11	.84	1.62	-.90
May	5.85	3.05	3.26	-.11	2.26	2.47	-.90
June	6.15	3.49	3.56	-.11	2.70	2.77	-.90
July	1.69	-.91	-.91	--	-1.70	-1.70	--
Aug.	--	--	--	--	--	--	--

1/ Net weight per carton, 33.5 pounds; 32 pounds prior to the 1993/94 season.

LEMONS: Acreage and production, Arizona, by counties, 1990/91-1994/95

County and crop year	Harvested 1/	Utilization of production		
		Fresh	Processed	Total
	Acres		1,000 cartons 2/	
MARICOPA 3/				
1990/91	1,400	140	80	220
1991/92	1,300	352	207	559
1992/93	1,500	298	254	552
1993/94	1,600	420	307	727
1994/95	1,500	371	223	594
YUMA				
1990/91	14,000	4,680	3,300	7,980
1991/92	14,400	5,564	4,077	9,641
1992/93	14,800	4,928	3,320	8,248
1993/94	14,000	5,482	4,191	9,673
1994/95	14,600	4,455	2,151	6,606

1/ Acres harvested from Lemon Administrative Committee.
2/ Net weight per carton, 38 pounds.
3/ Includes small acreage and production in Pinal County.

LEMONS: Acreage, production, price and value, Arizona, 1990/91-1994/95

Crop year	Harvested 1/	Utilization of production			Season average price 2/	Value of production
		Fresh	Processed	Total		
	Acres		1,000 cartons 3/		Dol. per ctn	1,000 dol.
1990/91	15,400	4,820	3,380	8,200	5.77	47,302
1991/92	15,700	5,916	4,284	10,200	6.51	66,332
1992/93	16,300	5,226	3,574	8,800	4.21	37,045
1993/94	15,600	5,902	4,498	10,400	4.84	50,342
1994/95	16,100	4,826	2,374	7,200	5.17	37,188

1/ Acres harvested from Lemon Administrative Committee.
2/ Equivalent packinghouse door returns. Marketing season August 15-March 1.
3/ Net weight per carton, 38 pounds.

LEMONS: Season average price and equivalent returns by utilization, Arizona, 1990/91-1994/95

Crop year	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1990/91	12.95	5.77	8.86	1.36	4.11	7.20	-.30
1991/92	14.65	6.51	10.58	.88	4.71	8.78	-.92
1992/93	10.65	4.21	6.42	.99	2.45	4.66	-.78
1993/94	12.25	4.84	8.00	.70	3.06	6.22	-1.09
1994/95	11.70	5.17	7.45	.52	3.39	5.67	-1.26

1/ Net weight per carton, 38 pounds.

LEMONS: Monthly prices and equivalent returns by utilization, Arizona 1990/91-1994/95

Crop year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
	Dollars per carton 1/						
1990/91							
Aug.	--	--	--	--	--	--	--
Sept.	15.75	9.20	11.66	1.81	7.54	10.00	.15
Oct.	14.20	7.79	10.11	1.81	6.13	8.45	.15
Nov.	10.10	4.22	6.01	1.64	2.56	4.35	-.02
Dec.	9.75	3.29	5.66	1.19	1.63	4.00	-.47
Jan.	16.50	6.84	12.41	1.02	5.18	10.75	-.64
Feb.	14.25	5.87	10.16	1.02	4.21	8.50	-.64
Mar.	13.95	7.71	9.86	1.02	6.05	8.20	-.64
Apr.	--	--	--	--	--	--	--
1991/92							
Aug.	--	--	--	--	--	--	--
Sept.	21.85	16.26	17.78	.98	14.46	15.98	-.83
Oct.	18.95	12.65	14.88	.98	10.85	13.08	-.83
Nov.	15.75	8.21	11.68	.84	6.41	9.88	-.97
Dec.	11.60	4.60	7.53	.88	2.80	5.73	-.93
Jan.	11.50	3.91	7.43	.91	2.11	5.63	-.90
Feb.	10.10	2.83	6.03	.88	1.03	4.23	-.93
Mar.	10.30	2.61	6.23	.84	.81	4.43	-.97
Apr.	10.45	2.58	6.38	.84	.78	4.58	-.97
1992/93							
Aug.	16.25	10.62	12.02	.87	8.86	10.26	-.90
Sept.	14.20	8.24	9.97	.87	6.48	8.21	-.90
Oct.	10.40	4.84	6.17	.87	3.08	4.41	-.90
Nov.	8.80	3.25	4.57	1.01	1.49	2.81	-.76
Dec.	9.80	3.33	5.57	1.01	1.57	3.81	-.76
Jan.	10.15	3.27	5.92	1.01	1.51	4.16	-.76
Feb.	9.65	2.90	5.42	1.01	1.14	3.66	-.76
Mar.	9.75	2.55	5.52	1.01	.79	3.76	-.76
Apr.	9.65	2.81	5.42	1.01	1.05	3.66	-.76
1993/94							
Aug.	26.60	21.94	22.35	.93	20.16	20.57	-.86
Sept.	23.45	17.70	19.20	.93	15.92	17.42	-.86
Oct.	16.55	9.69	12.30	.93	7.91	10.52	-.86
Nov.	10.65	4.01	6.40	.72	2.23	4.62	-1.07
Dec.	9.00	2.86	4.75	.72	1.08	2.97	-1.07
Jan.	8.20	2.30	3.95	.65	.52	2.17	-1.14
Feb.	7.30	1.71	3.05	.65	-.08	1.27	-1.14
Mar.	7.55	1.45	3.30	.65	-.34	1.52	-1.14
Apr.	7.50	1.65	3.25	.65	-.14	1.47	-1.14
1994/95							
Aug.	--	--	--	--	--	--	--
Sept.	20.75	15.68	16.50	.65	13.90	14.72	-1.14
Oct.	13.05	7.26	8.80	.65	5.48	7.02	-1.14
Nov.	10.45	4.49	6.20	.51	2.71	4.42	-1.28
Dec.	10.10	3.82	5.85	.51	2.04	4.07	-1.28
Jan.	10.00	3.55	5.75	.51	1.77	3.97	-1.28
Feb.	8.95	2.61	4.70	.51	.82	2.92	-1.28
Mar.	9.00	3.10	4.75	.51	1.32	2.97	-1.28
Apr.	--	--	--	--	--	--	--

1/ Net weight per carton, 38 pounds.

VALENCIA ORANGES: Acreage and production, Arizona, by counties, 1990/91-1994/95

County and crop year	Harvested 1/	Utilization of production		
		Fresh	Processed	Total
	Acres	1,000 cartons 2/		
MARICOPA 3/				
1990/91	2,200	572	344	916
1991/92	2,300	807	547	1,354
1992/93	2,600	751	284	1,035
1993/94	2,700	641	191	832
1994/95	2,700	736	8	744
YUMA				
1990/91	3,500	1,290	194	1,484
1991/92	3,300	1,449	397	1,846
1992/93	3,000	1,079	186	1,265
1993/94	2,700	1,257	311	1,568
1994/95	2,500	548	8	556

1/ Acres harvested from Arizona Citrus, Fruit and Vegetable Standardization.
2/ Net weight per carton, 37.5 pounds.
3/ Includes small acreage and production in Pinal County.

VALENCIA ORANGES: Acreage, production, price, and value, Arizona, 1990/91-1994/95

Crop year	Harvested 1/	Utilization of production			Season average price 2/	Value of production
		Fresh	Processed	Total		
	Acres	1,000 cartons 3/			Dol. per ctn	1,000 dol.
1990/91	5,700	1,862	538	2,400	10.11	24,250
1991/92	5,600	2,256	944	3,200	2.38	7,599
1992/93	5,600	1,830	470	2,300	1.84	4,225
1993/94	5,400	1,898	502	2,400	2.85	6,837
1994/95	5,200	1,284	16	1,300	2.76	3,591

1/ Acres harvested from Arizona Citrus, Fruit and Vegetable Standardization.
2/ Equivalent packinghouse door returns. Marketing season February 1-August 31.
3/ Net weight per carton, 37.5 pounds.

VALENCIA ORANGES: Season average price and equivalent returns by utilization, Arizona, 1990/91-1994/95

Crop year	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1990/91	15.75	10.11	12.88	.52	8.99	11.76	-.60
1991/92	6.00	2.38	3.09	.67	1.38	2.09	-.34
1992/93	5.25	1.84	2.37	-.22	.82	1.35	-1.24
1993/94	6.50	2.85	3.59	.05	1.84	2.58	-.97
1994/95	5.75	2.76	2.80	-.24	1.73	1.76	-1.28

1/ Net weight per carton, 37.5 pounds.

VALENCIA ORANGES: Monthly prices and equivalent returns by utilization, Arizona, 1990/91-1994/95

Crop year and month	F.O.B packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1990/91							
Feb.	13.80	8.21	10.93	.54	7.09	9.81	-.58
Mar.	16.75	11.34	13.88	.54	10.23	12.76	-.58
Apr.	14.45	8.69	11.58	.44	7.58	10.46	-.68
May	16.80	10.83	13.93	.64	9.71	12.81	-.48
June	11.15	4.41	8.28	.54	3.30	7.16	-.58
July	--	--	--	--	--	--	--
1991/92							
Feb.	--	--	--	--	--	--	--
Mar.	6.25	2.87	3.34	.86	1.87	2.34	-.15
Apr.	6.30	2.76	3.39	.65	1.76	2.39	-.36
May	5.85	2.21	2.94	.65	1.21	1.94	-.36
June	5.55	1.86	2.64	.65	.86	1.64	-.36
July	5.25	1.43	2.34	.55	.43	1.34	-.46
1992/93							
Feb.	5.40	1.94	2.52	-.27	.92	1.50	-1.29
Mar.	5.40	2.01	2.52	-.27	.99	1.50	-1.29
Apr.	5.40	1.79	2.52	-.27	.77	1.50	-1.29
May	5.05	1.78	2.17	-.16	.76	1.15	-1.18
June	4.90	1.70	2.02	.04	.68	1.00	-.99
July	1.56	-.74	-1.33	.04	-1.76	-2.35	-.99
1993/94							
Feb.	8.10	4.16	5.19	.07	3.14	4.18	-.95
Mar.	8.35	4.13	5.44	.18	3.11	4.43	-.84
Apr.	5.55	2.24	2.64	-.04	1.22	1.63	-1.06
May	5.55	2.27	2.64	-.04	1.26	1.63	-1.06
June	4.46	9.10	1.55	-.04	-.11	.53	-1.06
July	4.05	.95	1.14	-.04	-.07	.13	-1.06
1994/95							
Feb.	--	--	--	--	--	--	--
Mar.	5.75	2.80	2.80	--	1.76	1.76	--
Apr.	6.00	3.01	3.05	-.24	1.97	2.01	-1.28
May	5.90	2.89	2.95	-.24	1.85	1.91	-1.28
June	4.99	2.02	2.04	-.24	.98	1.00	-1.28
July	4.89	1.94	1.94	--	.90	.90	--

1/ Net weight per carton, 37.5 pounds.

NAVEL, SWEET, AND MISCELLANEOUS ORANGES: Acreage and production, Arizona, by counties, 1990/91-1994/95

County and crop year	Harvested 1/	Utilization of production		
		Fresh	Processed	Total
	Acres	1,000 cartons 2/		
MARICOPA 3/				
1990/91	3,910	904	116	1,020
1991/92	4,300	1,233	192	1,425
1992/93	4,600	1,080	233	1,313
1993/94	4,900	1,070	245	1,315
1994/95	4,800	623	83	706
YUMA				
1990/91	290	70	10	80
1991/92	500	123	12	135
1992/93	400	82	5	87
1993/94	300	58	27	85
1994/95	400	83	11	94

1/ Acres harvested from Arizona Citrus, Fruit and Vegetable Standardization.
2/ Net weight per carton, 37.5 pounds.
3/ Includes small acreage and production in Pinal County.

NAVEL, SWEET, AND MISCELLANEOUS ORANGES: Acreage, production, price, and value, Arizona, 1990/91-1994/95

Crop year	Harvested 1/	Utilization of production			Season average price 2/	Value of production
		Fresh	Processed	Total		
	Acres	1,000 cartons 3/			Dol. per ctn	1,000 dol.
1990/91	4,200	974	126	1,100	6.82	7,497
1991/92	4,800	1,356	204	1,560	5.65	8,807
1992/93	5,000	1,162	238	1,400	3.78	5,294
1993/94	5,200	1,128	272	1,400	4.09	5,726
1994/95	5,200	706	94	800	5.03	4,025

1/ Acres harvested from Arizona Citrus, Fruit and Vegetable Standardization.
2/ Equivalent packinghouse door returns. Marketing season November 1-March 15.
3/ Net weight per carton, 37.5 pounds.

NAVEL, SWEET, AND MISCELLANEOUS ORANGES: Season average price and equivalent returns by utilization, Arizona, 1990/91-1994/95

Crop year	F.O.B packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	rocessed
		Dollars per carton 1/					
1990/91	10.80	6.82	7.64	.45	5.93	6.75	-.45
1991/92	9.35	5.65	6.38	.80	4.74	5.47	-.12
1992/93	7.60	3.78	4.60	-.19	2.89	3.70	-1.09
1993/94	8.15	4.09	5.11	-.14	3.18	4.20	-1.06
1994/95	8.80	5.03	5.71	-.07	4.01	4.69	-1.09

1/ Net weight per carton, 37.5 pounds.

NAVEL, SWEET, AND MISCELLANEOUS ORANGES: Monthly prices and equivalent returns by utilization, Arizona 1990/91-1994/95

Crop year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
	Dollars per carton 1/						
1990/91							
Oct.	--	--	--	--	--	--	--
Nov.	9.70	6.11	6.54	.45	5.22	5.65	-.45
Dec.	9.55	5.49	6.39	.45	4.60	5.50	-.45
Jan.	14.15	9.67	10.99	.45	8.78	10.10	-.45
Feb.	11.25	8.09	8.09	--	7.20	--	--
Mar.	--	--	--	--	--	--	--
Apr.	--	--	--	--	--	--	--
May	--	--	--	--	--	--	--
1991/92							
Oct.	--	--	--	--	--	--	--
Nov.	11.30	7.80	8.33	.65	6.89	7.42	-.26
Dec.	9.90	6.59	6.93	.74	5.68	6.02	-.17
Jan.	9.20	5.73	6.23	.93	4.82	5.32	.02
Feb.	7.20	3.72	4.23	.93	2.81	3.32	.02
Mar.	6.15	2.43	3.18	.84	1.52	2.27	-.07
Apr.	6.00	1.08	3.03	.65	.17	2.12	-.26
May	--	.65	--	.65	-.26	--	-.26
1992/93							
Oct.	10.10	6.06	7.10	-.19	5.16	6.20	-1.09
Nov.	8.65	4.61	5.65	-.19	3.71	4.75	-1.09
Dec.	7.85	3.93	4.85	-.19	3.04	3.95	-1.09
Jan.	7.30	3.57	4.30	-.19	2.67	3.40	-1.09
Feb.	5.75	2.45	2.75	-.19	1.56	1.85	-1.09
Mar.	2.88	-.14	-.13	-.19	-1.04	-1.02	-1.09
Apr.	--	--	--	--	--	--	--
May	--	--	--	--	--	--	--
1993/94							
Oct.	10.05	6.00	7.01	-.09	5.08	6.10	-1.01
Nov.	9.40	5.37	6.36	-.18	4.46	5.45	-1.10
Dec.	7.95	3.89	4.91	-.18	2.98	4.00	-1.10
Jan.	6.70	2.71	3.66	-.14	1.80	2.75	-1.06
Feb.	6.45	2.76	3.41	.09	1.85	2.50	-.83
Mar.	5.35	1.40	2.31	.18	.48	1.40	-.74
Apr.	--	--	--	--	--	--	--
May	--	--	--	--	--	--	--
1994/95							
Oct.	--	--	--	--	--	--	--
Nov.	10.00	5.92	6.91	-.12	4.90	5.89	-1.15
Dec.	9.60	5.59	6.51	-.03	4.57	5.49	-1.06
Jan.	8.15	4.66	5.06	-.03	3.64	4.04	-1.06
Feb.	4.82	1.64	1.73	-.12	.62	.71	-1.15
Mar.	2.96	-.13	-.13	--	-1.16	-1.16	--
Apr.	2.88	-.21	-.21	--	-1.24	-1.24	--
May	--	--	--	--	--	--	--

1/ Net weight per carton, 37.5 pounds.

ALL ORANGES: Acreage and production, Arizona, by counties, 1990/91-1994/95

County and crop year	Harvested 1/	Utilization of production		
		Fresh	Processed	Total
	Acres	1,000 cartons 2/		
MARICOPA 3/				
1990/91	6,110	1,476	460	1,936
1991/92	6,600	2,040	739	2,779
1992/93	7,200	1,831	517	2,348
1993/94	7,600	1,711	436	2,147
1994/95	7,300	1,359	91	1,450
YUMA				
1990/91	3,790	1,360	204	1,564
1991/92	3,800	1,572	409	1,981
1992/93	3,400	1,161	191	1,352
1993/94	3,000	1,315	338	1,653
1994/95	3,100	631	19	650

1/ Acres harvested from Arizona Citrus, Fruit and Vegetable Standardization.
2/ Net weight per carton, 37.5 pounds.
3/ Includes small acreage and production in Pinal County.

ALL ORANGES: Acreage, production, price, and value, Arizona, 1990/91-1994/95

Crop year	Harvested 1/	Utilization of production			Season average price 2/	Value of production
		Fresh	Processed	Total		
	Acres	1,000 cartons 3/			Dol. per ctn	1,000 dol.
1990/91	9,900	2,836	664	3,500	9.07	31,747
1991/92	10,400	3,612	1,148	4,760	3.45	16,406
1992/93	10,600	2,992	708	3,700	2.58	9,519
1993/94	10,600	3,026	774	3,800	3.31	12,563
1994/95	10,400	1,990	110	2,100	3.63	7,616

1/ Acres harvested from Arizona Citrus, Fruit and Vegetable Standardization.
2/ Equivalent packinghouse door returns.
3/ Net weight per carton, 37.5 pounds.

ALL ORANGES: Season average price and equivalent returns by utilization, Arizona, 1990/91-1994/95

Crop year	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1990/91	14.05	9.07	11.08	.50	8.03	10.04	-.57
1991/92	7.25	3.45	4.33	.69	2.48	3.36	-.30
1992/93	6.15	2.58	3.23	-.21	1.60	2.26	-1.19
1993/94	7.10	3.31	4.16	-.02	2.33	3.18	-1.00
1994/95	6.85	3.63	3.83	-.09	2.60	2.80	-1.11

1/ Net weight per carton, 37.5 pounds.

ALL ORANGES: Monthly prices and equivalent returns by utilization, Arizona, 1990/91-1994/95

Crop year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1990/91							
Oct.	--	--	--	--	--	--	--
Nov.	9.70	6.11	6.54	.45	5.22	5.65	-.45
Dec.	9.55	5.49	6.39	.45	4.60	5.50	-.45
Jan.	14.15	9.67	10.99	.45	8.78	10.10	-.45
Feb.	13.70	8.20	10.82	.54	7.10	9.71	-.58
Mar.	16.75	11.34	13.88	.54	10.23	12.76	-.58
Apr.	14.45	8.69	11.58	.44	7.58	10.46	-.68
May	16.80	10.83	13.93	.64	9.71	12.81	-.48
June	11.15	4.41	8.28	.54	3.30	7.16	-.58
July	--	--	--	--	--	--	--
1991/92							
Oct.	--	--	--	--	--	--	--
Nov.	11.30	7.80	8.33	.65	6.89	7.42	-.26
Dec.	9.90	6.59	6.93	.74	5.68	6.02	-.17
Jan.	9.20	5.73	6.23	.93	4.82	5.32	.02
Feb.	7.20	3.72	4.23	.93	2.81	3.32	.02
Mar.	6.25	2.80	3.32	.85	1.82	2.33	-.13
Apr.	6.30	2.67	3.39	.65	1.68	2.39	-.34
May	5.85	2.18	2.94	.65	1.19	1.94	-.35
June	5.55	1.86	2.64	.65	.86	1.64	-.36
July	5.25	1.43	2.34	.55	.43	1.34	-.46
1992/93							
Oct.	10.10	6.06	7.10	-.19	5.16	6.20	-1.09
Nov.	8.65	4.61	5.65	-.19	3.71	4.75	-1.09
Dec.	7.85	3.93	4.85	-.19	3.04	3.95	-1.09
Jan.	7.30	3.57	4.30	-.19	2.67	3.40	-1.09
Feb.	5.55	2.16	2.62	-.25	1.20	1.66	-1.23
Mar.	5.25	1.86	2.33	-.26	.85	1.32	-1.27
Apr.	5.40	1.79	2.52	-.27	.77	1.50	-1.29
May	5.05	1.78	2.17	-.16	.76	1.15	-1.18
June	4.90	1.70	2.02	.04	.68	1.00	-.99
July	1.56	-.74	-1.33	.04	-1.76	-2.35	-.99
1993/94							
Oct.	10.05	6.00	7.01	-.09	5.08	6.10	-1.01
Nov.	9.40	5.37	6.36	-.18	4.46	5.45	-1.10
Dec.	7.95	3.89	4.91	-.18	2.98	4.00	-1.10
Jan.	6.70	2.71	3.66	-.14	1.80	2.75	-1.06
Feb.	7.70	3.81	4.75	.08	2.82	3.76	-.92
Mar.	8.30	4.07	5.39	.18	3.06	4.38	-.83
Apr.	5.55	2.24	2.64	-.04	1.22	1.63	-1.06
May	5.55	2.27	2.64	-.04	1.26	1.63	-1.06
June	4.46	.91	1.55	-.04	-.11	.53	-1.06
July	4.05	.95	1.14	-.04	-.07	.13	-1.06
1994/95							
Oct.	--	--	--	--	--	--	--
Nov.	10.00	5.92	6.91	-.12	4.90	5.89	-1.15
Dec.	9.60	5.59	6.51	-.03	4.57	5.49	-1.06
Jan.	8.15	4.66	5.06	-.03	3.64	4.04	-1.06
Feb.	4.80	1.64	1.73	-.12	.62	.71	-1.15
Mar.	5.55	2.58	2.58	--	1.54	1.54	--
Apr.	5.85	2.85	2.89	-.24	1.81	1.85	-1.28
May	5.90	2.89	2.95	-.24	1.85	1.91	-1.28
June	4.99	2.02	2.04	-.24	.98	1.00	-1.28
July	4.89	1.94	1.94	--	.90	.90	--

1/ Net weight per carton, 37.5 pounds.

TANGERINES: Acreage and production, Arizona, by counties, 1990/91-1994/95

County and crop year	Harvested 1/	Utilization of production		
		Fresh	Processed	Total
	Acres	1,000 cartons 2/		
MARICOPA 3/				
1990/91	2,000	554	121	675
1991/92	3,000	840	494	1,334
1992/93	2,800	606	339	945
1993/94	3,200	775	281	1,056
1994/95	3,000	642	93	735
YUMA				
1990/91	1,700	440	85	525
1991/92	2,000	920	146	1,066
1992/93	2,100	798	157	955
1993/94	2,300	841	103	944
1994/95	2,500	522	43	565

1/ Acres harvested from Arizona Citrus, Fruit and Vegetable Standardization.
2/ Net weight per carton, 37.5 pounds.
3/ Includes small acreage and production in Pinal County.

TANGERINES: Acreage, production, price, and value, Arizona 1990/91-1994/95

Crop year	Harvested 1/	Utilization of production			Season average price 2/	Value of production
		Fresh	Processed	Total		
	Acres	1,000 cartons 3/			Dol. per ctn	1,000 dol.
1990/91	3,700	994	206	1,200	9.48	11,367
1991/92	5,000	1,760	640	2,400	6.29	15,080
1992/93	4,900	1,404	496	1,900	6.30	11,959
1993/94	5,500	1,616	384	2,000	5.62	11,233
1994/95	5,500	1,164	136	1,300	8.14	10,578

1/ Acres harvested from Arizona Citrus, Fruit and Vegetable Standardization.
2/ Equivalent packinghouse door returns. Marketing season November 1-February 1.
3/ Net weight per carton, 37.5 pounds.

TANGERINES: Season average price and equivalent returns by utilization, Arizona 1990/91-1994/95

Crop year	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1990/91	14.25	9.48	11.38	.29	8.36	10.26	-.83
1991/92	11.30	6.29	8.39	.49	5.29	7.39	-.51
1992/93	11.50	6.30	8.62	-.28	5.28	7.60	-1.30
1993/94	9.90	5.62	6.99	-.17	4.60	5.98	-1.18
1994/95	12.05	8.14	9.10	-.10	7.10	8.06	-1.14

1/ Net weight per carton, 37.5 pounds.

TANGERINES: Monthly prices and equivalent returns by utilization, Arizona, 1990/91-1994/95

Crop year and month	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1990/91							
Nov.	11.75	7.13	8.88	.29	6.01	7.76	-.83
Dec.	13.95	9.97	11.08	.29	8.86	9.96	-.83
Jan.	15.35	10.55	12.48	.29	9.43	11.36	-.83
Feb.	13.30	7.78	10.43	.29	6.67	9.31	-.83
Mar.	16.00	10.99	13.13	.29	9.87	12.01	-.83
Apr.	--	--	--	--	--	--	--
May	--	--	--	--	--	--	--
1991/92							
Nov.	12.25	7.85	9.34	.38	6.85	8.34	-.63
Dec.	12.70	8.65	9.79	.46	7.65	8.79	-.55
Jan.	12.60	8.15	9.69	.61	7.15	8.69	-.40
Feb.	10.30	5.89	7.39	.61	4.89	6.39	-.40
Mar.	9.40	4.30	6.49	.53	3.30	5.49	-.48
Apr.	9.70	3.72	6.79	.38	2.72	5.79	-.63
May	11.05	4.04	8.14	.38	3.04	7.14	-.63
1992/93							
Nov.	10.95	6.02	8.07	-.28	5.00	7.05	-1.30
Dec.	12.25	7.15	9.37	-.28	6.13	8.35	-1.30
Jan.	12.20	6.91	9.32	-.28	5.89	8.30	-1.30
Feb.	11.60	5.67	8.72	-.28	4.65	7.70	-1.30
Mar.	9.90	4.87	7.02	-.28	3.85	6.00	-1.30
Apr.	8.95	4.55	6.07	-.28	3.53	5.05	-1.30
May	--	--	--	--	--	--	--
1993/94							
Nov.	10.10	6.45	7.19	-.26	5.43	6.18	-1.28
Dec.	10.25	5.82	7.34	-.26	4.81	6.33	-1.28
Jan.	10.55	5.77	7.64	-.22	4.75	6.63	-1.24
Feb.	10.80	5.85	7.89	-.04	4.84	6.88	-1.06
Mar.	10.15	5.62	7.24	.04	4.61	6.23	-.98
Apr.	8.65	5.23	5.74	-.09	4.22	4.73	-1.11
May	6.70	3.50	3.79	-.09	2.49	2.78	-1.11
1994/95							
Nov.	10.35	7.26	7.40	-.16	6.22	6.36	-1.20
Dec.	12.60	8.58	9.65	-.08	7.54	8.61	-1.12
Jan.	14.10	9.47	11.15	-.08	8.43	10.11	-1.12
Feb.	11.25	7.35	8.30	-.16	6.31	7.26	-1.20
Mar.	9.20	5.98	6.25	-.21	4.94	5.21	-1.25
Apr.	6.55	3.60	3.60	--	2.56	2.56	--
May	--	--	--	--	--	--	--

1/ Net weight per carton, 37.5 pounds.

GRAPES: Acreage and variety, Arizona, by counties, 1991-95 1/

County and year	Table varieties				Wine varieties 3/	Total
	Flame seedless	Perlette	Thompson seedless	Other 2/		
	Acres					
MARICOPA						
1991	770	560	930	10	0	2,270
1992	1,000	500	900	0	0	2,400
1993	705	440	970	70	0	2,185
1994 4/	975	480	920	60	0	2,435
1995 4/	895	475	905	75	0	2,350
PINAL						
1991	855	85	320	30	0	1,290
1992	450	100	50	50	0	650
1993	475	85	60	35	0	655
1994	460	85	60	15	0	620
1995	470	90	85	25	0	670
YUMA						
1991	510	415	290	15	0	1,230
1992	450	400	300	0	0	1,150
1993	435	415	295	15	0	1,160
1994	430	410	290	15	0	1,145
1995	440	420	300	20	0	1,180
OTHER COUNTIES 5/						
1991	0	0	0	0	210	210
1992	0	0	0	0	300	300
1993	0	0	0	0	300	300
1994	0	0	0	0	200	200
1995	0	0	0	0	300	300
ARIZONA						
1991	2,135	1,060	1,545	50	210	5,000
1992	1,900	1,000	1,250	50	300	4,500
1993	1,615	940	1,325	120	300	4,300
1994	1,865	975	1,270	90	200	4,400
1995	1,805	985	1,290	120	300	4,500

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/ Includes Black Beauty, Exotic, Concord, and Zante Curran varieties.

3/ Wine varieties acreage is bearing acres.

4/ Includes small acreage in Yavapai County to avoid disclosure of individual operations.

5/ Includes Cochise, Pima, Santa Cruz, and Yavapai counties.

GRAPES: Production, price, and value, Arizona 1991-95

Crop year	Total production	Utilized production	Season average price 1/	Value of utilized production
	Tons		Dol. per ton	1,000 dol.
1991	25,000	25,000	787.00	19,686
1992	25,000	25,000	500.00	12,488
1993	24,000	24,000	753.00	18,066
1994	26,000	26,000	940.00	24,430
1995	26,000	26,000	897.00	23,314

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

DECIDUOUS FRUITS: Acres, production, and value, Arizona, 1991-95 1/

Crop	Year	Acres in production	Unit	Utilized production	Value of production
		Acres		1,000 units	1,000 dollars
NECTARINES	1991	40	26 lb carton	3	13
	1992	40		0	
	1993	40		0	
	1994	12		0	
	1995	0			
PEACHES	1991	491	26 lb carton	58	300
	1992	303		38	110
	1993	303		51	237
	1994	284		35	109
	1995	297		41	192
MISCELLANEOUS FRUIT 2/	1991	276			116
	1992	276			54
	1993	284			30
	1994	254			54
	1995	753			315

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

NUTS: Acres, production and value, Arizona 1991-95 1/

Crop	Year	Acres in production	Utilized production	Value of production
		Acres	1,000 lbs	1,000 dollars
PECANS 2/	1991	13,462		
	1992	14,243		
	1993	14,243		
	1994	14,589		
	1995	15,242		
PISTACHIOS	1991	1,728	1,750	2,200
	1992	2,417	4,400	4,600
	1993	2,417	6,200	6,634
	1994	2,500	5,575	5,140
	1995	2,383	5,719	5,490

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/ Utilized production and value of production not available.

PRINCIPAL CROPS: Acreage harvested by counties, and total State production, Arizona, 1994

Crop	State Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Upland cotton: Acres	312,000	0	12,300	0	0	9,300	700	27,100	120,800	6,000	0	10,200	103,800	0	0	21,800
Bales, 480 lb net wt	782,000															
American pima cotton: Acres	47,900	0	*	0	0	13,300	*	1,700	9,800	0	0	2,300	18,700	0	0	1,500
Bales, 480 lb net wt	80,400															
Alfalfa: Acres	160,000	1,000	6,000	*	*	*	*	40,000	51,000	8,000	*	*	17,500	*	1,000	28,000
Production, tons	1,200,000															
Other hay: Acres	35,000	1,000	1,000	*	*	*	*	6,000	4,500	1,900	*	*	1,300	*	1,000	15,500
Production, tons	126,000															
Durum wheat: Acres	94,000	0	*	0	0	*	*	2,100	29,600	0	0	4,400	36,500	0	0	19,900
Production, tons	256,620															
Other wheat: Acres	28,000	0	*	0	*	*	0	3,600	5,700	*	0	0	2,700	0	0	14,200
Production, tons	78,960															
Barley: Acres	33,000	*	1,600	0	0	*	*	1/	13,000	0	0	*	14,900	0	*	2,000
Production, tons	75,240															
Corn for grain: Acres	15,000	0	10,100	0	0	2,500	*	*	*	0	*	0	*	0	*	1,600
Production, tons	71,400															
Potatoes: Acres	6,300	0	3/	0	0	0	0	0	4,200	0	0	0	1,700	0	0	400
Production, cwt	1,670,000															
Principal vegetables: Acres 2/	101,400	0	1,800	0	0	0	0	2,350	21,700	0	0	450	2,750	0	0	72,350
Production, cwt	25,761,000															
Grapes: Acres	4,400	0	*	0	0	0	0	0	2,435	0	0	*	620	*	*	1,145
Production, tons	26,000															
Grapefruit: Acres	5,900	0	0	0	0	0	0	0	3,700	0	0	0	3/	0	0	2,200
Production, ctns	3,500,000															
All oranges: Acres	10,600	0	0	0	0	0	0	0	7,600	0	0	0	3/	0	0	3,000
Production, ctns	3,800,000															
Lemons: Acres	15,600	0	0	0	0	0	0	0	1,600	0	0	0	3/	0	0	14,000
Production, ctns	10,400,000															
Tangerines: Acres	5,500	0	0	0	0	0	0	0	3,200	0	0	0	3/	0	0	2,300
Production, ctns	2,000,000															
Other crops: Acres 4/	122,301															
Total acres harvested 5/	996,901															

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

1/ Included with Yuma County to avoid disclosure of individual operations.

2/ Principal vegetables include broccoli, cantaloupe, carrots, cauliflower, honeydews, head lettuce, Romaine lettuce, leaf lettuce, dry onions and watermelons. Some counties may include acreage for other counties to avoid disclosure of individual operations.

3/ Included with Maricopa County to avoid disclosure of individual operations.

4/ Includes miscellaneous fruits, nuts, vegetables, and seed and field crops not listed above. Not available by county.

5/ Includes double crop acreage.

PRINCIPAL CROPS: Acreage harvested by counties, and total State production, Arizona, 1995

Crop	State Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Upland cotton: Acres	364,000	0	14,800	0	0	6,700	800	28,200	138,400	6,400	0	12,400	129,300	0	0	27,000
Bales, 480 lb net wt	793,000															
American pima cotton: Acres	48,100	0	*	0	0	17,000	*	1,900	9,400	0	0	1,100	16,000	0	0	1,800
Bales, 480 lb net wt	72,200															
Alfalfa: Acres	165,000	1,000	7,000	*	*	2,500	1,000	35,000	55,000	7,000	*	1,400	22,000	*	1,200	29,400
Production, tons	1,287,000															
Other hay: Acres	30,000	*	*	*	*	*	*	5,000	5,000	1,300	*	*	1,800	*	*	14,000
Production, tons	105,000															
Durum wheat: Acres	99,000	0	*	0	0	1,000	0	3,200	19,900	0	0	3,100	44,600	0	0	26,600
Production, tons	255,420															
Other wheat: Acres	23,000	0	*	0	0	0	0	1,400	14,100	*	0	1,200	*	*	0	5,300
Production, tons	55,200															
Barley: Acres	21,000	*	1,400	0	0	*	*	0	9,300	0	0	*	8,000	0	*	1,400
Production, tons	45,360															
Corn for grain: Acres	22,000	0	9,400	0	0	3,600	*	*	3,900	0	*	0	*	0	*	2,600
Production, tons	104,720															
Potatoes: Acres	6,500	0	3/	0	0	0	0	0	4,600	0	0	0	1,400	0	0	500
Production, cwt	1,755,000															
Principal vegetables: Acres 1/	95,800	0	2,400	0	0	0	0	2,850	21,700	0	0	400	4,200	0	0	64,250
Production, cwt	28,907,000															
Grapes: Acres	4,500	0	*	0	0	0	0	0	2,350	0	0	*	670	*	*	1,100
Production, tons	26,000															
Grapefruit: Acres	5,600	0	0	0	0	0	0	0	3,700	0	0	0	2/	0	0	1,900
Production, ctns	2,800,000															
All oranges: Acres	10,400	0	0	0	0	0	0	0	7,300	0	0	0	2/	0	0	3,100
Production, ctns	2,100,000															
Lemons: Acres	16,100	0	0	0	0	0	0	0	1,500	0	0	0	2/	0	0	14,600
Production, ctns	7,200,000															
Tangerines: Acres	5,500	0	0	0	0	0	0	0	3,000	0	0	0	2/	0	0	2,500
Production, ctns	1,300,000															
Other crops: Acres 3/	104,783															
Total acres harvested 4/	1,021,283															

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

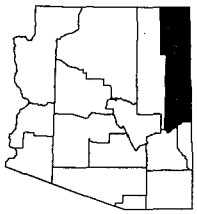
1/ Principal vegetables include broccoli, cantaloupe, carrots, cauliflower, honeydews, head lettuce, Romaine lettuce, leaf lettuce, dry onions and watermelons. Some counties may include acreage for other counties to avoid disclosure of individual operations.

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

3/ Includes miscellaneous fruits, nuts, vegetables, and seed and field crops not listed above. Not available by county.

4/ Includes double crop acreage.

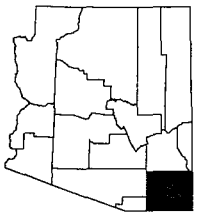
APACHE COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Barley	*			
Alfalfa hay	1,000	2.5 tons	2,500 tons	11
Other hay	*			

Cash receipts 1995		Rank
Crops	$ 471,000	13
Livestock	$15,394,000	7
Livestock January 1, 1996		
All cattle and calves	54,000	5
All sheep and lambs	27,000	2

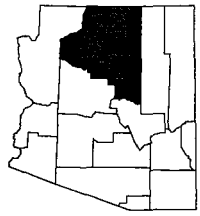
COCHISE COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Upland cotton	14,800	558 lbs	17,200 bales	7
Pima cotton	*			
Durum wheat	*			
Other wheat	*			
Barley	1,400	4,870 lbs	3,410 tons	3
Corn for grain	9,400	10,780 lbs	50,680 tons	1
Alfalfa hay	7,000	5.6 tons	39,200 tons	6
Other hay	*			
Principal vegetables	2,400	206 cwt	495,000 cwt	5
Grapes	*			

Cash receipts 1995		Rank
Crops	$39,167,000	5
Livestock	$18,547,000	6
Livestock January 1, 1996		
All cattle and calves	77,000	4
All sheep and lambs	*	
Hogs and pigs	4,000	3

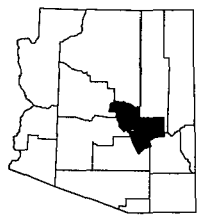
COCONINO COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Alfalfa hay	*			
Other hay	*			

Cash receipts 1995		Rank
Crops	$2,730,000	9
Livestock	$13,254,000	8
Livestock January 1, 1996		
All cattle and calves	47,000	8
All sheep and lambs	12,000	5

GILA COUNTY

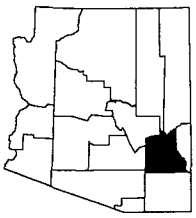


Crops 1995	Acres harvested	Yield per acre	Production	Rank
Other wheat	0			
Alfalfa hay	*			
Other hay	*			

Cash receipts 1995		Rank
Crops	$246,000	15
Livestock	$4,487,000	12
Livestock January 1, 1996		
All cattle and calves	22,000	11

See footnotes at end of table *Continued--*

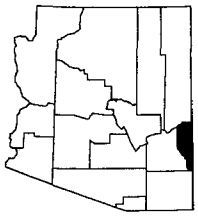
GRAHAM COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Upland cotton	6,700	781 lbs	10,900 bales	8
Pima cotton	17,000	647 lbs	22,900 bales	2
Durum wheat	1,000	4,200 lbs	2,100 tons	6
Othr wheat	0			
Barley	*			
Corn for grain	3,600	8,930 lbs	16,070 tons	2
Alfalfa hay	2,500	6.7 tons	16,800 tons	7
Other hay	*			

Cash receipts 1995		Rank
Crops	$19,036,000	7
Livestock	$6,077,000	10
Livestock January 1, 1996		
All cattle and calves	26,000	10
Hogs and Pigs	*	

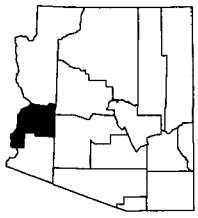
GREENLEE COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Upland cotton	800	600 lbs	1,000 bales	9
Pima cotton	*			
Durum wheat	0			
Barley	*			
Corn for grain	*			
Alfalfa hay	1,000	9.5 tons	9,500 tons	9
Other hay	*			

Cash receipts 1995		Rank
Crops	$1,471,000	10
Livestock	$3,247,000	14
Livestock January 1, 1996		
All cattle and calves	11,000	14

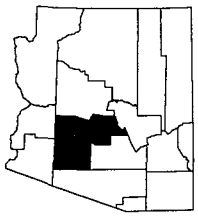
LA PAZ COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Upland cotton	28,200	1,100 lbs	64,600 bales	4
Pima cotton	1,900	657 lbs	2,600 bales	5
Durum wheat	3,200	5,180 lbs	8,280 tons	4
Other wheat	1,400	6,640 lbs	4,650 tons	3
Barley	0			
Corn for grain	*			
Alfalfa hay	35,000	7.4 tons	259,000 tons	3
Other hay	5,000	4.0 tons	20,000 tons	3
Principal vegetables	28,500	210 cwt	600,000 cwt	4

Cash receipts 1995		Rank
Crops	$57,015,000	4
Livestock	$852,000	15
Livestock January 1, 1996		
All cattle and calves	3,000	15
All sheep and lambs	*	

MARICOPA COUNTY



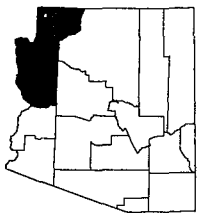
Crops 1995	Acres harvested	Yield per acre	Production	Rank
Upland cotton	138,400	1,076 lbs	310,300 bales	1
Pima cotton	9,400	797 lbs	15,600 bales	3
Durum wheat	19,900	5,570 lbs	55,380 tons	3
Other wheat	14,100	3,670 lbs	25,860 tons	1
Barley	9,300	4,050 lbs	18,840 tons	1
Corn for grain	3,900	7,340 lbs	14,310 tons	3
Alfalfa hay	55,500	8.5 tons	472,000 tons	1
Other hay	5,000	4.2 tons	20,800 tons	2
Potatoes	4,600	280 cwt	1,287,000 cwt	1
Principal vegetables	21,700	206 cwt	4,469,000 cwt	2
Grapes	2,350		2/	
Citrus	15,500	262 ctn	4,060,000 ctn	2

Cash receipts 1995		Rank
Crops	$395,593,000	2
Livestock	$316,410,000	1
Livestock January 1, 1996		
All cattle and calves	175,000	1
All sheep and lambs	17,000	4
Hogs and pigs	7,000	2

See footnotes at end of table.

Continued--

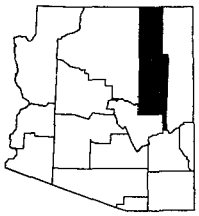
MOHAVE COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Upland cotton	6,400	1,110 lbs	14,800 bales	7
Other wheat	*			
Alfalfa hay	7,000	7.8 tons	54,600 tons	5
Other hay	1,300	3.1 tons	4,000 tons	5

Cash receipts 1995		Rank
Crops	$10,184,000	8
Livestock	$5,806,000	11
Livestock January 1, 1996		
All cattle and calves	17,000	12

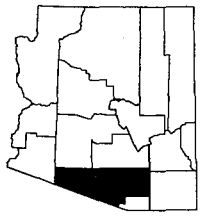
NAVAJO COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Corn for grain	*			
Alfalfa hay	*			
Other hay	*			

Cash receipts 1995		Rank
Crops	$1,417,000	11
Livestock	$37,991,000	4
Livestock January 1, 1996		
All cattle and calves	27,000	9
All sheep and lambs	20,000	3
Hogs and pigs	107,000	1

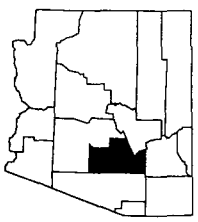
PIMA COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Upland cotton	12,400	1,065 lbs	27,500 bales	5
Pima cotton	1,100	480 lbs	1,100 bales	6
Durum wheat	3,100	3,770 lbs	5,850 tons	5
Other wheat	1,200	5,300 lbs	3,180 tons	4
Barley	*			
Alfalfa hay	1,400	8.9 tons	12,500 tons	8
Other hay	*			
Principal vegetables	400	295 cwt	118,000 cwt	6
Grapes	*			

Cash receipts 1995		Rank
Crops	$26,770,000	6
Livestock	$13,023,000	9
Livestock January 1, 1996		
All cattle and calves	53,000	6

PINAL COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Upland cotton	129,300	1,023 lbs	275,700 bales	2
Pima cotton	16,000	750 lbs	25,000 bales	1
Durum wheat	44,600	4,420 lbs	98,460 tons	1
Other wheat	*			
Barley	8,000	4,760 lbs	19,060 tons	2
Corn for grain	*			
Alfalfa hay	22,000	6.4 tons	140,000 tons	4
Other hay	1,800	3.6 tons	6,500 tons	4
Potatoes	1,400	281 cwt	394,000 cwt	2
Principal vegetables	4,200	245 cwt	1,027,000 cwt	3
Grapes	670		2/	
Citrus	3/			

Cash receipts 1995		Rank
Crops	$198,223,000	3
Livestock	$235,086,000	2
Livestock January 1, 1996		
All cattle and calves	160,000	2
All sheep and lambs	11,000	6
Hogs and pigs	*	

See footnotes at end of table.

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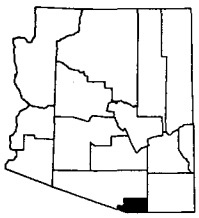
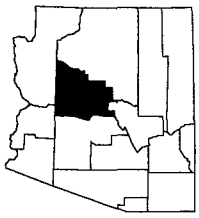
SANTA CRUZ COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Other wheat	*			
Alfalfa hay	*			
Other hay	*			
Grapes	*			

Cash receipts 1995		Rank
Crops	$300,000	14
Livestock	$3,366,000	13
Livestock January 1, 1996		
All cattle and calves	16,000	13

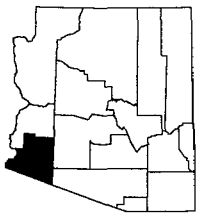
YAVAPAI COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Barley	*			
Corn for grain	*			
Alfalfa hay	1,200	6.0 tons	7,200 tons	10
Other hay	*			
Grapes	*			

Cash receipts 1995		Rank
Crops	$843,000	12
Livestock	$23,240,000	5
Livestock January 1, 1996		
All cattle and calves	52,000	7

YUMA COUNTY



Crops 1995	Acres harvested	Yield per acre	Production	Rank
Upland cotton	27,000	1,262 lbs	71,000 bales	3
Pima cotton	1,800	1,147 lbs	4,300 bales	4
Durum wheat	26,600	6,290 lbs	83,610 tons	2
Other wheat	5,300	7,070 lbs	18,750 tons	2
Barley	1,400	4,110 lbs	2,880 tons	4
Corn for grain	2,600	9,910 lbs	12,880 tons	4
Alfalfa hay	29,400	9.0 tons	265,000 tons	2
Other hay	14,000	3.3 tons	46,000 tons	1
Principal vegetables	64,250	345 cwt	22,198,000 cwt	1
Potatoes	500	148 cwt	74,000 cwt	3
Grapes	1,180		2/	
Citrus	22,100	423 ctn	9,340,000 ctn	1

Cash receipts 1995		Rank
Crops	$692,102,000	1
Livestock	$113,538,000	3
Livestock January 1, 1996		
All cattle and calves	100,000	3
Sheep and lambs	40,000	1
Hogs and pigs	*	

** Estimates too small to warrant quantitative estimate or not published to avoid disclosure of individual operations.*

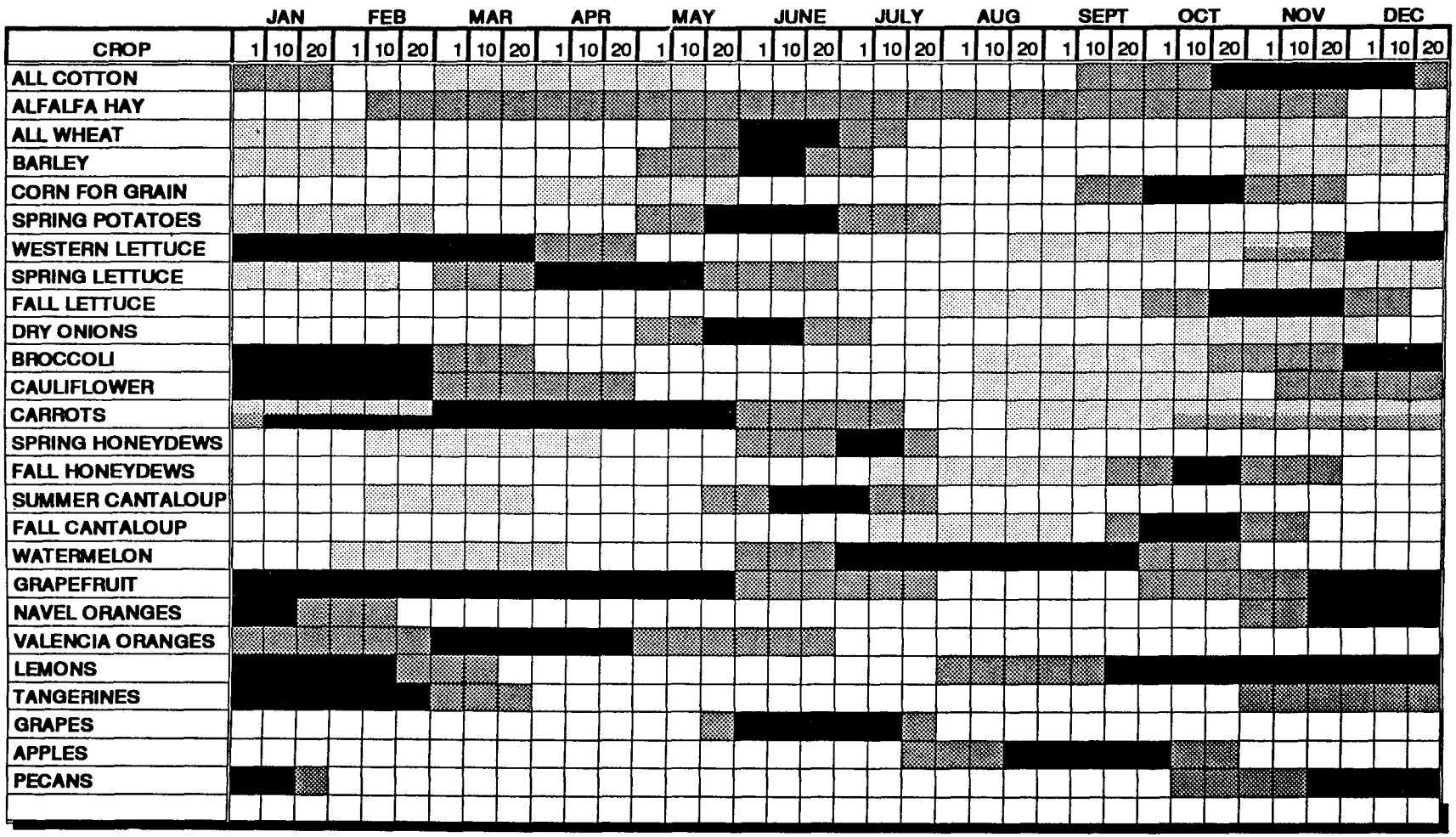
1/ Acres and production included with Yuma County to avoid disclosure of individual operations.

2/ Production by county not available.

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

Usual Planting & Harvesting Dates

KEY: MOST ACTIVE HARVEST
PLANTING
BEGIN,END HARVEST



UPLAND COTTON: Estimated percentage planted to specified varieties, Arizona, by counties 1995 and crop years, 1991-95

Variety	County					Crop year				
	Cochise	Maricopa	Pinal	Yuma	Other Counties	1991	1992	1993	1994	1995
	Percent					Percent				
Acala 1517-75						.5	*	*	*	
Acala 1517-88	36.2				3.0	1.3	.8	*	.5	1.7
Acala 1517-91								.9	.5	
Cargill Paymaster HS 26						.5	*		.6	
Chembred CB 407						.7		*	*	.1
Chembred CB 1135						.5	.5	.9		
Deltapine 20	2.8	1.8	2.0	1.6	5.9	5.8	6.5	5.1	3.6	2.4
Deltapine 41						2.5	.5	1.2	1.0	
Deltapine 50		.4		37.3	.9	4.7	1.8	2.3	4.7	4.4
Deltapine 51						3.5	1.4	*	1.8	1.2
Deltapine 77						6.3	1.0			
Deltapine Acala 90	25.9		5.9		10.1	37.5	15.7	8.4	8.2	4.1
Deltapine DP 5409		2.2	11.9	4.6	1.7					5.3
Deltapine DP 5415		74.2	58.4	40.0	59.5	2.5	49.8	59.8	55.0	60.9
Deltapine DP 5461		1.0	3.0			.8	1.9	.6	1.7	1.3
Deltapine DP 5690		3.7	2.0		.7	3.0	1.2	5.1	*	2.2
Deltapine DP 5816						11.3	4.7	2.3	3.6	.1
Deltapine Suregrow DES-119						1.4	.5	.8	1.2	
Hyperformer HS 46	5.4	.9	4.0			4.5	2.3	1.7	1.1	1.8
Stoneville 324									1.1	
Stoneville 453						1.4	2.0	*		.4
Stoneville 474		.2	5.9							1.9
Stoneville 907						.8				
Stoneville KC 311						1.6	.8	2.0	.5	.4
Stoneville LA 887								.5	.8	.5
Suregrow 125										1.1
Suregrow 501		2.2		.7	3.0				2.4	1.4
Suregrow 1001						2.7	3.2	1.0	1.0	
Terra C-40						.7	.6	*	*	
All Other 1/	29.7	13.4	6.9	15.8	15.2	5.5	4.8	7.4	10.7	8.8

* *Less than 0.5 percent.*

1/ Includes all varieties accounting for less than 0.5 percent and all varieties not listed.

Source: United States Department of Agriculture, Agricultural Marketing Service, Cotton Division.

COTTON PROGRESS: Arizona, by survey week, 1991-95

Month and week 1/	1991	1992	1993	1994	1995
			Percent of acreage		
			PLANTED		
Apr. 2	9	22	15	28	19
9	24	32	24	38	32
16	30	40	38	54	45
23	54	59	62	77	65
30	68	72	76	87	80
May 7	84	85	87	92	94
14	91	93	93	97	95
21	97	98	98	99	97
28	100	99	100	100	99
June 4		100			100
			SQUARING		
June 4	15	40	41	41	28
11	38	59	58	75	55
18	63	78	76	90	65
25	75	88	88	96	76
July 2	90	93	94	99	87
9	96	98	97	100	97
16	99	99	99		99
23	100	100	100		100
			SETTING BOLLS		
June 25	18	24	41	38	20
July 2	39	48	57	55	32
9	62	68	70	71	45
16	74	86	85	84	55
23	88	95	95	93	70
30	94	99	99	98	77
Aug. 6	98	100	100	100	95
13	100				98
20					100
			OPEN BOLLS		
Aug. 6	28	25	28	29	13
13	39	36	40	45	26
20	46	50	58	61	32
27	73	70	76	74	75
Sept. 3	93	82	90	86	90
10	97	92	95	92	94
17	100	97	98	97	96
24		98	100	99	99
Oct. 1		100		100	100
			HARVESTED		
Oct. 1	14	28	28	23	12
8	22	40	40	32	15
15	32	58	57	48	25
22	44	70	68	67	30
29	58	73	74	77	43
Nov. 5	70	83	85	86	60
12	82	93	90	92	70
19	89	97	94	95	75
26	95	98	95	97	85
Dec. 3	98	99	97	99	90
10	99	100	100	99	93
17	100			99	98
24				100	99
31					100

1/ Dates are for 1995 crop; comparable data are for 1991-94.

UPLAND COTTON: Ginning charges, harvesting practices, and selected marketing costs, Arizona 1990/91-1994/95 1/

Item	Unit	1990/91	1991/92	1992/93	1993/94	1994/95
BALES GINNED (running bales) 2/	Thousands	954	1,018	805	853	822
ACTIVE GINS 2/	Number	90	85	81	69	67
GINNING AND WRAPPING CHARGES						
Total charge per 480-lb net weight bale 3/	Dollars	41.95	41.88	41.49	41.85	42.22
METHOD OF HARVESTING						
Machine-picked	Percent	99	96	95	98	95
Machine-scrapped	Percent	1	4	5	2	5
WEIGHT OF SEED COTTON PER 480-LB NET WEIGHT BALE						
Machine-picked	Pounds	1,473	1,452	1,464	1,467	1,446
Machine-scrapped	Pounds	1,950	1,801	1,753	1,801	1,650
COTTON GINNED FROM						
Trailers	Percent	32	27	17	13	10
Modules	Percent	68	73	83	87	90
CHARGES FOR WAREHOUSING AND RELATED SERVICES 4/						
Charge per bale per month for insured storage	Dollars	1.97	1.99	2.00	2.01	2.15
Charge per bale for compressing to universal density	Dollars	5.75	6.25	6.50	6.60	6.70
Charge per bale for outhandling	Dollars	4.82	4.87	5.16	5.27	5.39

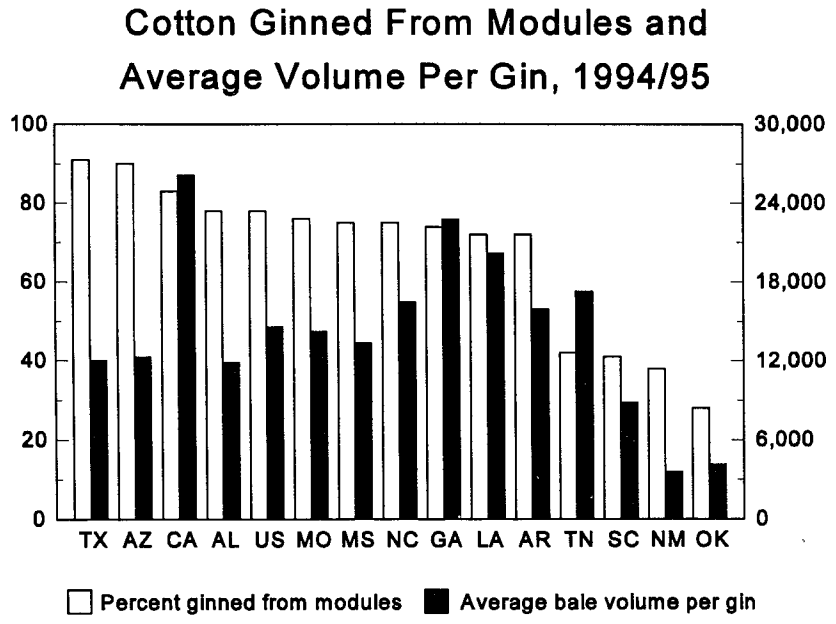
1/ Average charges for saw-ginned upland cotton.

2/ Includes both American-Pima and upland cotton.

3/ Includes bagging and ties, drying of seed cotton, lint cleaning, and insurance, but does not reflect any patronage dividends, rebates, transportation to warehouses, industry organization dues, or cotton classing fees.

4/ Based on published tariffs.

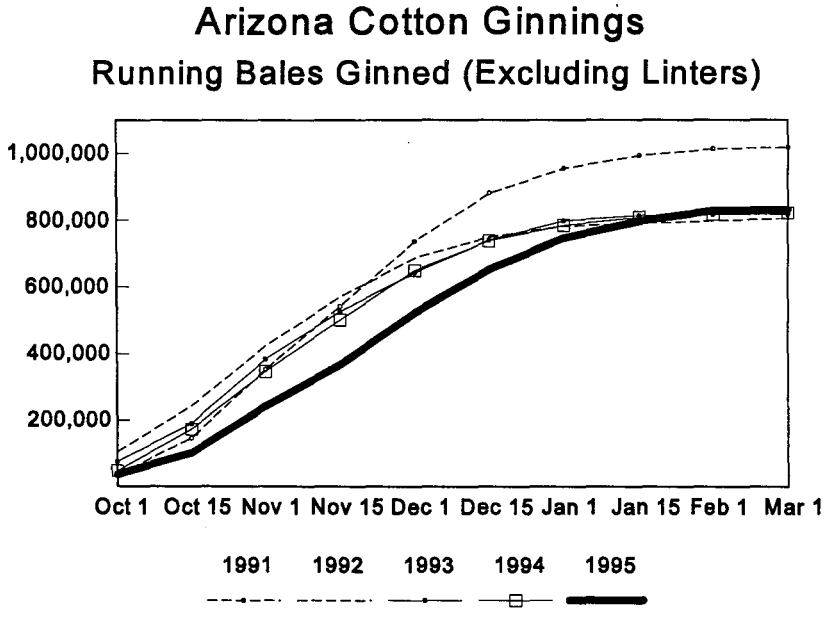
Source: United States Department of Agriculture, Economic Research Service, National Economics Division; Cotton Ginning Charges, Harvesting Practices, and Selected Marketing Costs.



ALL COTTON: Running bales ginned and produced, Arizona, by counties 1992-95

County and year	Running bales ginned	Equivalent 480-pound bales ginned	Running bales produced	Variety and year	Running bales ginned	Equivalent 480-pound bales ginned	Running bales produced
		Bales				Bales	
COCHISE				AMERICAN-PIMA			
1992	14,100	14,500	14,100	1992	134,150	137,900	134,100
1993	15,400	15,900	14,250	1993	84,550	87,250	84,150
1994	18,650	19,200	18,050	1994	78,150	80,700	77,800
1995	17,100	17,350	17,500	1995	70,750	72,650	70,300
MARICOPA				UPLAND			
1992	321,800	328,950	296,100	1992	671,200	687,300	707,400
1993	356,850	363,850	337,100	1993	732,200	751,950	768,550
1994	351,100	358,100	320,650	1994	743,500	764,400	759,800
1995	354,050	360,100	319,350	1995	761,000	780,050	773,200
PIMA							
1992	32,000	32,800	30,400				
1993	1/						
1994	1/						
1995	1/						
PINAL							
1992	284,950	292,050	309,950				
1993	250,100	257,900	264,000				
1994	253,400	262,300	279,000				
1995	266,900	274,850	292,800				
YUMA							
1992	54,550	56,500	54,650				
1993	58,800	61,050	57,700				
1994	66,100	68,400	64,350				
1995	74,100	76,600	72,850				
OTHER COUNTIES							
1992	97,950	100,400	136,300				
1993	135,600	140,500	179,650				
1994	132,400	137,100	155,550				
1995	119,600	123,800	141,000				
ARIZONA							
1992	805,350	825,200	841,500				
1993	816,750	839,200	852,700				
1994	821,650	845,100	837,600				
1995	831,750	852,700	843,500				

1/ Bales ginned included in Other Counties to avoid disclosure of individual operations.



UPLAND COTTON OBJECTIVE YIELD FORECASTING PROGRAM

The upland cotton yield forecasting program of the Arizona Agricultural Statistics Service includes both regular interviews with farmers, and objective measurements from samples in randomly selected fields.

During the yield forecasting season (August 1 to harvest), trained enumerators make monthly visits to randomly selected fields across the State. Row space measurements, plant counts, fruit counts, and other pertinent information affecting crop yields are recorded. The grower is interviewed to obtain information about acreage, seeding rates, fertilizer applied, and other information about the fields where objective counts are to be conducted. A State yield is generated from the different models used to forecast total bolls expected, average boll weight, and harvesting loss.

The number of samples varies from year to year as a result of changes in program size, grower refusals, or losses because of abandonment. Samples are also visited after the crop is harvested to obtain measurement of harvesting loss and other information affecting production.

The sample data published below were edited to eliminate nonrepresentative reports but still contain some sampling fluctuation. They are not official Agricultural Statistics Board estimates, but provide indications and trends in cropping practices.

FERTILIZER USED ON UPLAND COTTON ACREAGE HARVESTED: Arizona, 1991-95

Year	Fields in survey	Acres receiving				Application rate per acre 1/			Acres fertilized 2/		
		Any fertilizer	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or before seeding	After seeding	Both
	Number	Percent				Pounds			Percent		
1991	78	99	99	62	18	170	66	10	12	38	51
1992	84	99	94	43	9	132	45	24	7	71	22
1993	81	98	98	44	10	149	68	5	3	63	34
1994	67	99	99	45	22	223	53	10	3/	3/	3/
1995	76	3/	95	34	3/	194	65	3/	3/	3/	3/

1/ To convert phosphoric oxide (P_2O_5) to elemental phosphorus (P), the quantity of P_2O_5 should be multiplied by 0.43642. To convert potassium oxide (K_2O) to elemental potassium (K) multiply by 0.83016.

2/ Percentages apply to acres receiving fertilizer, not to total acres harvested.

3/ Not available.

Source: United States Department of Agriculture, Economic Research Service; Agricultural Resources, Inputs, Situation and Outlook Report.

UPLAND COTTON SAMPLES: Percent distribution by row spacing, average row width, seeding rate, and plant population, Arizona, 1991-95

Year	Cotton samples	Row spacing (inches) 1/				Average row width	Seeding rate per acre 2/	Plants per acre
		36.5 and less	36.3 - 38.5	38.6 - 40.5	40.6 and greater			
	Number	Percent				Inches	Pounds	Number
1991	107	16	43	37	4	37.8	18.9	38,177
1992	97	7	50	35	8	38.4	17.2	38,781
1993	103	17	49	26	8	37.6	18.0	35,802
1994	92	10	48	37	5	38.5	19.1	40,341
1995	103	22	44	31	3	37.6	15.3	37,052

1/ Measurement across 8 row spaces in each sample field.

2/ Acid delinted basis.

UPLAND COTTON SAMPLE COUNTS: Bolls produced, weight, lint loss, and yield per acre, Arizona 1991-95

Year	Final count of large bolls produced per ten feet of row 1/	Adjusted average weight per boll		Unopened bolls not harvested per ten feet of row 1/		Lint loss per acre after all harvest complete	Final adopted yield per acre
		Seed cotton 2/	Lint	Bolls	Lint equivalent per acre		
	Number	Grams	Grams	Number	Pounds	Pounds	Pounds
1991	271	4.06	1.57	4	18.6	73	1,201
1992	256	3.90	1.52	3	14.6	92	1,077
1993	268	4.13	1.59	4	18.5	91	1,204
1994	305	3.74	1.44	4	17.8	80	1,203
1995	260	3.67	1.42	2	9.6	91	1,046

1/ A "large" boll is one inch or greater in diameter, opened or unopened. Counts are actually made on 46 feet of row in each sample field.

2/ Seed cotton adjusted to 5 percent moisture; 453.6 grams equal one pound.

PESTICIDE SALES: By type, Arizona, 1990-94 1/

Pesticide type	1990	1991	1992	1993	1994
			1,000 lbs technical material		
INSECTICIDES					
Acephate	57	49	72	69	233
Azinphos-Methyl	90	37	28	11	16
Chlorpyrifos	87	85	61	158	227
DDVP	34	8	16	24	14
Diazinon	8	7	16	76	25
Dimethoate	9	16	12	33	47
Disulfoton	16	18	27	25	31
Endosulfan	12	27	82	66	69
Formetanate	10	4	12	17	18
Malathion	30	52	93	115	56
Methamidophos	3	17	10	7	10
Methomyl	78	60	77	76	57
Mevinphos	7	9	20	24	19
Oxydisulfoton	14	53	29	6	0
Parathion-Ethyl	0	24	12	0	0
Parathion-Methyl	0	88	43	9	31
Permethrin	5	6	10	66	18
Profenaphos	3	6	14	5	36
Sulfur	31	372	86	34	125
Thiodicarb	17	7	5	6	4
Other	56	58	41	58	238
TOTAL	567	1,003	766	885	1,274
HERBICIDES					
Benefin	7	18	22	30	22
Chlorthal Dimethyl	0	0	33	58	56
Cyanazine	30	21	19	22	54
DCPA	22	25	45	34	29
Diuron	22	29	25	21	42
EPTC	44	47	47	47	65
Glyphosate	58	54	87	114	239
MSMA	2/	20	12	18	17
Pendimethalin	39	35	34	17	32
Prometryn	76	130	68	78	123
Pronamide	12	12	24	28	24
Trifluralin	61	62	45	41	82
Other	32	42	44	43	121
TOTAL	403	495	505	551	906
FUNGICIDES AND BACTERICIDES					
Copper Sulfate	83	151	301	381	463
Fosetyl-Aluminum	8	1	9	54	16
Maneb	0	2/	12	41	7
Manex	0	0	1	16	8
Metalaxyl	2	2	5	7	6
PCNB	5	3	3	4	2
Zinc Sulfate	8	3	3	20	48
Other	9	9	21	27	37
TOTAL	115	169	355	550	587
DEFOLIANTS, DESSICANTS, AND GROWTH REGULATORS					
DEF	69	50	47	42	70
Merphos	29	73	2/	1	0
Paraquat	5	7	10	10	17
Sodium Chlorate	438	685	539	366	586
Other	11	13	14	15	20
TOTAL	555	828	610	434	693
FUMIGANTS					
Dichloropropene	39	9	0	0	140
Metam Sodium	65	32	10	7	29
Other	0	0	0	13	2
TOTAL	104	41	10	20	171

1/ Survey results do not represent total pesticide sales. Data are tabulated only for those responding with no allowance for non-respondents.
2/ Less than 1,000 pounds.
Source: University of Arizona, College of Agriculture, Council for Environmental Studies; Pesticide Sales Survey.

COMMERCIAL FERTILIZERS AND MINERALS SOLD: Arizona, 1991-95

Fertilizer and minerals	1991	1992	1993	1994	1995
			Tons		
DRY FERTILIZERS					
Ammonium phosphate, 11-52(53)-0	27,974	28,223	31,798	30,535	28,794
Ammonium phosphate, 16-20-0	6,136	6,613	6,371	7,049	6,814
Ammonium phosphate, 18-46-0	3,699	3,446	1,964	2,172	2,059
Ammonium nitrate	4,245	4,187	3,506	11,551	2,740
Ammonium sulfate	11,634	8,992	7,624	9,876	10,751
Calcium nitrate and sodium nitrate	894	1,187	1,349	1,282	941
Potassium sulfate and/or chloride	1,398	709	720	365	976
Super phosphate, treble	1,491	829	1,148	1,104	603
Urea	17,579	18,429	20,198	23,450	29,554
Miscellaneous dry fertilizer	32,086	33,920	39,546	44,591	44,520
Total Dry Fertilizers	107,136	106,534	114,224	131,976	127,752
LIQUID FERTILIZERS					
Anhydrous ammonia	13,872	15,799	14,614	18,083	16,657
Ammonia solution, 20-0-0	8,458	5,688	5,097	8,702	8,535
Ammonium nitrate solution, 20-0-0	22,527	20,521	33,706	19,310	14,222
Urea, ammonium nitrate solution, 32-0-0	108,983	108,319	100,886	113,256	121,560
Calcium ammonium nitrate solution, 17-0-0	18,919	18,013	12,403	19,326	16,206
Phosphoric acid	2,554	1,855	2,761	2,823	2,691
Miscellaneous liquids	35,435	34,778	45,562	59,536	49,199
Total Liquid Fertilizers	210,748	204,972	215,029	241,036	229,069
AGRICULTURAL MINERALS					
Gypsum	60,219	40,074	30,528	29,363	21,763
Iron products	786	1,086	850	630	457
Sulfur products	1,603	1,397	5,165	1,059	2,022
Lime sulfur solution	252	261	1,157	107	0
Sulfuric acid	7,999	9,749	9,457	11,377	12,469
Micro nutrients	2,589	2,133	2,015	1,406	1,006
Miscellaneous minerals	0	0	0	0	6,087
Total Agricultural Minerals	73,448	54,699	49,172	43,943	43,804
TOTAL TONNAGE ALL PRODUCTS	391,332	366,205	378,425	416,954	400,625

Source: Arizona Department of Agriculture, Environmental Services Division.

CHEMICAL USE ON COTTON

The Arizona Agricultural Statistics Service 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 of the 1990's.

The Arizona Agricultural Statistics Service 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 fertilizers and pesticides during 1995 on cotton grown in Arizona. The use of trade names is for information only and should not be construed as a recommendation by the Arizona Agricultural Statistics Service.

UPLAND COTTON: Agricultural chemical application Arizona 1995 1/

Agricultural Chemical 2/	Area applied 3/	Rate per crop year	Total applied
	Percent	Lbs per acre	Mil lbs
FERTILIZERS			
nitrogen	95	194	66.9
phosphate	34	65	8.1
	Percent	Lbs per acre	1,000 lbs
HERBICIDES			
cyanazine	8	.55	16
diuron	49	.43	77
norflurazon	9	.46	16
pendimethalin	32	.87	103
prometryn	35	1.09	140
trifluralin	38	.69	95
INSECTICIDES			
acephate	93	1.31	447
amitraz	16	.30	18
azinphos-methyl	16	1.21	72
bifenthrim	34	.12	15
chlorpyrifos	66	1.45	351
cypermethrin	26	.08	7
endosulfan	38	1.40	193
fenpropathrin	66	.37	89
imidacloprid	12	.04	2
lambdacyhalothrin	41	.06	10
methomyl	22	.67	53
methyl parathion	19	1.25	87
oxamyl	16	.35	21
profenofos	31	1.31	149
OTHER CHEMICALS			
mepiquat chloride	8	.05	2
paraquat	8	.24	7
solium chlorate	36	5.77	769
thidiazuron	59	.42	91
tribufos	38	1.05	146

1/ Area planted in 1995 for Arizona was 365,000 acres. 2/ Insufficient reports to publish data for potash and the following agricultural chemicals; Herbicides: clethodin, fluazifop-P-butyl, fluometuron, MSMA, methazole, sethoxydim; Insecticides: aldicarb, bacillus thuringiensis, carbaryl, dimethoate, disulfoton, esfenvalerate, malathion, methamidophos, methidathion, naled, permethrin, phorate, sulfur, tralomethrin; Fungicides: etridiazole, PCNB; Other chemicals: cacodylic acid, dichloropropene, endothall, gibberellic acid, gossyplure. 3/ Refers to acres receiving one or more applications of a specific agricultural chemical.

FERTILIZERS AND PESTICIDES APPLIED TO COTTON: Common names and trade names

Common name	Trade name
FERTILIZERS	
nitrogen	
phosphate	
potash	
HERBICIDES	
clethodim	Select
cyanazine	Bladex
diuron	Karmex, Direx
fluazifop-P-butyl	Fusilade
flumeturon	Cotoran, Meturon
methazole	Probe
MSMA	several
morflurazon	Solicam, Evital, Zorial
pendimethalin	Prowl
prometryn	Caparol, Cotton-Pro
sethoxydim	Poast
trifluralin	Treflan, Trilin, Trific
INSECTICIDES	
acephate	Orthene, Payload
aldicarb	Temik
amitraz	Ovasyn
azinphos-methyl	Guthion
bacillus thuringiensis	several
bifenthrin	Capture
carbaryl	Sevin, Savit
chlorpyrifos	Lorsban, Dursban
cypermethrin	Ammo, Cymbush, Fury, Mustang
dimethoate	several
disulfoton	Di-Syston
endosulfan	Thiodan
esfenvalerate	Asana
fenpropathrin	Danitol
imidacloprid	Admire
lambdacyholothrin	Karate
malathion	several
methamidophos	Monitor
methidathion	Supracide
methomyl	Lannate
methyl parathion	several
naled	Debrom
oxamyl	Vydate
permethrin	Ambush, Pounce
phorate	Thimet
profenofos	Curacron
sulfur	several
tralomethrin	Scout
FUNGICIDES	
etridiazole	Terraclor Super X
PCNB	Terraclor
OTHER CHEMICALS	
cacodylic acid	Bolls-eye, Cotton-Aide
dichloropropene	Telone
endothall	Des-I-Cate, Accelerate
gibberellic acid	Pro-Gibb, Pro-Vide, Gibgro, Promalin
gossyplure	Nomate Stirrup
mepiquate chloride	Pix, Ponnax
paraquat	Gramoxone, Cyclone, Starfire
sodium chlorate	several
thidiazuron	Dropp
tribufos	Def, Folex

WEATHER

During 1995 Arizona once again had a warm, dry year. The effects of this can only be determined after evaluating several criteria. Precipitation totals more greatly effect the State's range cattle, since the majority of Arizona crops are irrigated. Temperature has a twofold effect. Extremely high temperatures can be detrimental, but above normal low temperatures can be equally or even more damaging. Also, knowing where crops are grown should be factored in. We have included a county breakdown of major crops on pp. 82-85.

In Northwest Arizona, every month experienced normal or above normal temperatures. Extremes for the year were Lake Havasu City reaching 125 degrees on July 27 and Colorado City recording a low of 12 degrees on January 18. Precipitation was also above normal for the year, despite deficits during July through December.

Stations in North Central Arizona reported below normal temperatures in April, May and June while precipitation levels were below normal in June, July, October, November and December. For the year temperatures were above normal and precipitation was below normal. Extremes were 120 degrees on July 28 at Castle Hot Springs and a low of 4 degrees on January 18 at Seligman.

Northeast stations in the State recorded above normal temperatures in every month except April, May, June and July. Precipitation levels were below normal due to decreased precipitation during June, July, October, November, and December. Extreme temperatures were 115 degrees recorded at Phantom Ranch on July 28 and Wahweap on August 7, and -15 degrees recorded on January 18.

East Central Arizona experienced well below normal precipitation levels, as well as above normal temperatures. Only January, February, March and September were above normal. April, May and June reported below normal temperatures, while all other months were above normal. Extremes were 117 degrees at Punkin Center on July 29 and a low of 7 degrees on January 18.

All southern region stations averaged below normal precipitation and above normal temperatures. Below normal temperatures were recorded in April, May and June. Southwest stations reported above normal precipitation levels from January through April, with deficits recorded the rest of the year. South Central stations were closer to normal, with below normal precipitation levels only in May, June, July, October and December. Southeast Arizona reported the largest departure from normal in precipitation, with above normal levels being reported in January, February, April, May and August. As with the previous year, the monsoons never did fully develop.

Extremes in South Central areas were 126 degrees at Tacna on July 28 and 25 degrees at Alamo Dam on December 26 and Bouse on December 22. Southeast extremes were 125 degrees at Buckeye and Laveen on July 28 and at Fountain Hills on July 29, and 21 degrees on December 22. Finally, extremes at Southeast stations were 118 degrees at Organ Pipe Cactus National Monument on July 26 and 10 degrees at Black River Pumps on December 26.

MEAN MONTHLY TEMPERATURE: Arizona, 1995 and long-term average 1/

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
	Degrees fahreneheit												
Aguila	48.7	56.0	54.8	59.5	65.1	75.7	85.2	87.3	80.3	68.6	60.8	50.2	66.0
	47.2	50.8	54.2	61.3	70.0	79.6	86.0	84.2	77.6	66.7	54.9	47.4	65.0
Buckeye	53.7	62.6	63.1	67.5	75.1	84.8	92.8	93.6	87.4	73.1	65.3	55.4	72.9
	52.3	56.7	61.5	68.8	77.0	86.1	92.6	90.5	83.6	72.1	59.9	52.3	71.1
Casa Grande	52.9	60.8	M	66.3	74.5	84.2	92.1	93.1	87.0	74.9	66.1	56.4	2/ 73.5
	51.4	55.5	60.3	67.6	76.4	85.6	91.0	88.6	82.6	71.6	59.3	51.5	70.1
Chandler Heights	51.4	59.5	M	65.5	73.3	82.5	90.7	91.4	86.3	72.6	62.7	53.7	2/ 71.8
	51.9	56.2	60.8	68.0	76.6	85.5	90.2	88.0	82.9	72.1	60.1	52.1	70.4
Coolidge	50.1	58.4	60.5	64.8	73.4	82.5	90.8	92.7	86.8	72.1	63.3	M	2/ 72.3
	50.1	53.8	57.8	65.5	74.6	84.1	90.3	87.9	82.1	70.8	58.1	50.4	68.8
Douglas	46.3	53.5	55.4	58.4	66.0	75.6	80.3	80.2	74.9	66.1	56.5	47.3	63.4
	44.8	48.1	52.9	59.9	67.6	76.7	78.8	76.8	72.7	63.1	52.3	45.4	61.6
Flagstaff	28.4	37.2	38.2	40.4	46.2	55.1	64.6	66.9	58.9	47.7	42.3	31.9	46.5
	28.7	31.5	35.3	42.3	50.4	59.8	66.3	64.1	57.3	47.2	36.8	29.6	45.8
Gila Bend	55.9	64.2	65.3	69.3	76.5	85.1	94.0	96.1	90.3	75.5	67.6	56.7	74.7
	54.1	58.4	63.2	70.6	79.1	88.1	94.4	92.5	86.6	75.2	62.9	54.7	73.3
Grand Canyon 3/	29.4	38.7	38.9	41.7	47.5	57.8	66.1	68.2	60.8	49.7	43.4	33.5	48.0
McNary	30.5	39.2	39.2	41.2	48.2	59.3	66.0	66.1	59.3	51.1	43.6	34.0	48.1
	30.7	33.1	36.8	44.2	52.1	60.9	65.3	63.1	58.1	49.4	39.3	32.3	47.1
Parker	55.3	63.1	63.3	68.5	M	85.4	93.2	96.0	89.2	76.0	67.8	57.4	2/ 74.1
	53.3	58.4	63.4	70.7	79.3	88.2	94.2	92.8	86.2	74.8	62.0	53.4	73.1
Payson	39.0	47.9	47.2	50.5	56.6	67.6	75.4	77.3	70.4	59.7	52.2	41.8	57.1
	39.0	41.9	45.6	52.3	60.1	69.4	75.5	73.3	66.8	57.2	46.2	39.2	55.5
Phoenix	54.5	63.2	64.3	68.4	76.3	86.2	94.5	94.7	89.2	76.2	66.6	57.0	74.3
	53.6	57.7	62.2	69.9	78.8	88.2	93.5	91.5	85.6	74.5	61.9	54.1	72.6
Prescott	37.5	46.1	45.5	49.3	55.7	66.0	74.5	75.9	68.8	57.5	51.2	40.4	55.7
	36.2	39.1	42.7	49.3	57.6	67.2	73.1	70.4	64.5	54.7	44.0	36.6	53.0
Safford	44.8	53.0	55.7	59.2	68.3	77.8	82.5	84.3	76.6	66.2	56.6	46.3	64.3
	43.7	48.1	53.5	60.9	69.4	78.8	83.0	80.7	75.0	64.3	52.4	44.2	62.8
Tucson	52.6	60.7	61.2	64.8	72.6	83.3	88.4	87.3	82.9	72.4	63.1	54.0	70.3
	51.3	54.4	58.7	65.8	74.0	83.8	86.6	84.5	80.4	70.4	59.2	52.0	68.4
Wikieup	48.4	57.5	55.6	59.1	65.5	77.4	86.1	86.8	80.6	68.8	61.8	51.3	66.6
	48.0	51.7	55.1	61.8	70.8	79.9	87.1	84.9	78.2	67.3	55.8	48.3	65.7
Willcox	45.0	52.5	54.0	56.6	64.2	73.6	78.8	80.5	74.0	62.6	54.7	45.4	61.8
	42.8	46.0	50.9	57.5	65.2	74.3	79.2	76.7	71.2	60.7	49.8	43.0	59.8
Window Rock	30.4	41.1	41.8	45.3	52.3	61.5	69.3	69.8	M	M	42.6	30.4	4/ 48.5
	28.5	33.2	38.5	46.3	54.6	64.6	70.0	67.7	60.3	49.8	38.8	30.2	48.5
Winslow	36.7	45.2	48.3	51.5	58.1	68.3	76.8	78.4	69.4	55.9	47.6	37.5	56.1
	31.9	39.0	45.5	53.3	62.3	72.2	78.2	75.7	68.2	56.2	43.9	33.1	55.0
Yuma	58.1	66.6	67.8	71.4	76.6	86.4	94.7	97.1	92.3	79.2	70.7	M	2/ 78.2
	56.5	60.7	64.9	71.4	79.0	87.6	93.7	92.7	86.8	76.2	64.2	56.4	74.2

1/ Top row 1995, bottom row long-term average.
2/ Average temperature for eleven months.
3/ Long-term average not available.
4/ Average temperatures for ten months.
M - Missing.
***Source:** United States Department of Commerce, National Oceanic and Atmospheric Administration; Climatological Data.*

TOTAL PRECIPITATION: Arizona, 1995 and long-term average 1/

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							Inches						
Aguila	M	1.77	.66	.00	.00	.00	.00	.68	.50	.00	.00	.00	3.61
	1.00	.89	1.14	.31	.19	.12	.91	1.49	.93	.81	.78	1.01	9.58
Buckeye	1.49	.33	1.24	.49	.00	.00	.00	2.53	1.27	.00	.35	.00	7.70
	.69	.71	.79	.21	.11	.04	.63	1.16	1.00	.55	.68	.93	7.50
Casa Grande	1.65	.64	M	.20	T	.00	.28	2.76	1.06	.00	.31	.00	6.90
	.73	.69	.88	.27	.13	.13	.88	1.98	.86	.77	.76	1.17	9.25
Chandler Heights	2.31	1.20	M	T	.14	.00	.53	2.34	1.40	.00	2.47	T	10.39
	.83	.90	1.12	.32	.12	.06	.76	1.20	.94	.77	.86	1.16	9.04
Coolidge	2.79	.58	.94	.10	.06	.00	.63	2.62	.47	.00	.00	M	8.19
	.75	.82	1.00	.31	.13	.11	.95	1.20	.80	.91	.76	1.31	9.05
Douglas	.62	1.24	.63	.04	.00	.05	3.28	2.92	1.77	.33	.61	.14	11.63
	.73	.52	.40	.21	.20	.47	3.41	2.98	1.77	1.09	.60	1.04	13.42
Flagstaff	2.39	3.77	3.99	1.49	.88	.06	.61	2.29	1.58	.01	.31	.35	17.73
	2.04	2.09	2.55	1.48	.72	.40	2.78	2.75	2.03	1.61	1.95	2.40	22.80
Gila Bend	1.53	.58	.21	.18	.00	T	.15	.24	.05	.00	.22	.00	3.16
	.61	.60	.61	.20	.14	.03	.67	1.24	.71	.45	.67	.93	6.86
Grand Canyon 3/	3.61	2.30	4.34	1.73	.39	.29	2.92	2.49	2.35	T	.64	.20	21.26
McNary	3.52	2.49	3.19	1.51	.86	.17	1.99	3.78	3.53	T	1.21	1.62	23.87
	2.71	2.29	3.12	1.29	.76	.72	3.70	3.72	2.58	2.33	2.34	3.02	28.58
Parker	3.88	.68	.30	.32	.00	.00	.00	.10	.00	.00	.00	.01	5.29
	.60	.44	.50	.17	.06	.02	.30	.54	.50	.37	.45	.55	4.50
Payson	5.09	3.92	2.34	.87	.36	.09	.25	3.11	1.27	.00	1.20	.33	18.83
	2.01	1.91	2.36	1.07	.55	.35	2.64	3.23	2.13	1.72	1.85	2.26	22.08
Phoenix	1.41	.34	1.04	.29	.09	T	T	3.50	1.08	.00	1.75	.01	9.51
	.67	.68	.88	.22	.12	.13	.83	.96	.86	.65	.66	1.00	7.66
Prescott	3.55	2.39	2.57	.69	.67	.17	.45	1.84	3.35	T	.16	.31	16.15
	1.53	1.54	1.82	.81	.55	.46	3.20	3.43	2.00	1.12	1.54	1.63	19.63
Safford	1.30	.89	.37	.06	.12	.01	.25	3.54	1.06	.00	.36	.13	8.09
	.68	.65	.52	.21	.18	.26	1.73	1.57	1.36	1.00	.56	.96	9.68
Tucson	1.41	1.32	.54	.28	.15	T	.04	3.71	2.29	.36	.86	.22	11.18
	.87	.70	.72	.30	.18	.20	2.37	2.19	1.67	1.06	.67	1.07	12.00
Wikieup	3.99	1.31	1.40	.76	.00	.00	.02	.81	.13	.00	.00	.04	8.46
	1.14	1.15	1.14	.45	.18	.11	.91	1.53	1.06	.66	.95	1.06	10.34
Willcox	2.30	2.59	.51	.08	.09	.00	1.45	2.88	2.18	.19	.78	.47	13.52
	.94	.72	.57	.26	.22	.30	2.67	2.71	1.47	1.16	.61	1.29	12.92
Window Rock	.00	.00	1.83	.80	1.06	.03	.02	2.25	.72	.00	.22	.51	7.44
	.66	.71	.92	.61	.37	.41	1.89	2.14	1.39	1.26	1.01	.91	12.28
Winslow	.36	1.01	.45	.09	.31	.04	.39	2.12	1.64	T	.54	.36	7.31
	.45	.52	.55	.26	.31	.31	1.20	1.39	.91	.91	.57	.66	8.04
Yuma	.48	.02	.22	.06	.00	.00	.16	T	.17	.05	.04	T	1.20
	.35	.22	.21	.14	.04	.02	.26	.64	.31	.29	.24	.45	3.17

1/ Top row 1995, bottom row long-term average.
2/ Total precipitation for eleven months.
3/ Long-term average not available.
4/ Total precipitation for ten months.
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, Arizona 1991-95

District and Station	1991		1992		1993		1994		1995	
	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
DISTRICT 2										
Flagstaff	June 27	Oct. 5	May 25	Oct. 5	June 9	Sept. 14	June 5	Sept. 15	June 21	Sept. 30
Grand Canyon	June 2	Oct. 25	June 15	Oct. 4	June 9	Sept. 14	May 22	Sept. 14	June 19	Oct. 1
McNary	June 1	Oct. 28	Apr. 24	Oct. 26	June 8	Oct. 19	May 26	Oct. 6	June 18	Oct. 5
Prescott	May 11	Oct. 26	Apr. 20	Nov. 1	May 9	Oct. 21	Apr. 29	Oct. 16	May 7	Oct. 5
Window Rock	May 19	Oct. 26	Apr. 21	Oct. 8	June 7	Sept. 25	May 25	Oct. 6	May 8	Oct. 1
Winslow	May 12	Oct. 28	Mar. 25	Oct. 8	May 9	Oct. 21	Apr. 29	Oct. 17	May 8	Oct. 5
DISTRICT 5										
Aguila	Apr. 13	Oct. 29	Jan. 22	Nov. 12	Feb. 22	Nov. 25	Mar. 27	Nov. 12	Mar. 29	Oct. 25
Buckeye	Feb. 1	Dec. 2	Jan. 17	Nov. 25	Jan. 4	Nov. 26	Mar. 8	Nov. 20	Jan. 19	Dec. 21
Casa Grande	M	Dec. 2	Jan. 23	M	Jan. 12	Nov. 26	Feb. 6	Nov. 22	Jan. 19	Dec. 23
Chandler Heights	Feb. 1	Dec. 2	Jan. 17	Nov. 24	Jan. 4	Nov. 27	Feb. 24	Nov. 20	Jan. 19	Dec. 23
Coolidge	Mar. 13	Dec. 2	Feb. 25	Nov. 11	Feb. 4	Nov. 14	Feb. 28	Nov. 18	Mar. 27	Nov. 28
Gila Bend	Jan. 30	1/	1/	Nov. 25	1/	Dec. 22	Feb. 3	Nov. 20	1/	Dec. 21
Phoenix	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
DISTRICT 7										
Parker	Jan. 30	Dec. 2	1/	Dec. 17	Jan. 4	Dec. 23	1/	1/	1/	1/
Wikieup	Apr. 12	Oct. 29	Jan. 23	Nov. 22	Mar. 4	Nov. 7	Feb. 1	Nov. 5	Mar. 27	Dec. 16
Yuma	Feb. 27	1/	1/	1/	1/	1/	1/	1/	1/	1/
DISTRICT 9										
Douglas	Apr. 29	Oct. 28	Mar. 19	Nov. 5	Apr. 15	Oct. 31	Apr. 6	Nov. 4	Apr. 20	Nov. 19
Payson	May 12	Oct. 27	Apr. 21	Oct. 8	June 7	Oct. 28	May 21	Oct. 17	May 9	Oct. 6
Safford	Apr. 29	Oct. 29	Mar. 11	Nov. 4	Apr. 8	Oct. 31	Mar. 28	Nov. 5	Apr. 20	Nov. 23
Tucson	Jan. 31	Dec. 2	Jan. 17	Nov. 21	Jan. 4	Nov. 26	Feb. 1	Nov. 20	Mar. 26	Dec. 23
Willcox	Apr. 29	Oct. 29	Mar. 25	Nov. 2	Apr. 15	Oct. 31	Apr. 28	Oct. 17	Apr. 23	Oct. 25

1/ No low temperature of 32° or less.
M - Missing.
Source: United States Department of Commerce, National Oceanic and Atmospheric Administration, Climatological Data.

RESERVOIR STORAGE: Arizona, April 1, 1992-96

Basin or stream	Reservoir	Usable Capacity	Usable storage				
			1992	1993	1994	1995	1996
			Thousand acre feet				
GILA RIVER DRAINAGE							
Agua Fria	Lake Pleasant	1,100.0	91.2	465.0	807.1	738.3	620.2
Gila	San Carlos	935.0	707.6	824.9	502.0	866.5	467.5
Gila	Painted Rock Dam	2,492.0	162.8	2,161.2	.0	.0	.0
Salt	Roosevelt, Apache Canyon, and Saguaro	1,710.0	1,445.3	1,461.7	1,302.3	1,580.8	1,156.1
Verde	Bartlett and Horseshoe	310.0	287.1	283.6	241.2	236.5	108.8
COLORADO RIVER DRAINAGE							
Colorado	Lake Havasu	619.0	573.8	571.7	581.3	598.4	527.0
Colorado	Lake Mohave	1,810.0	1,671.7	1,690.8	1,667.0	1,695.7	1,632.5
Colorado	Lake Mead	26,159.0	20,182.0	21,981.0	21,291.0	20,536.0	22,031.0
Colorado	Lake Powell	24,322.0	13,699.0	13,412.0	17,785.0	16,580.0	20,220.0
Little Colorado	Lyman Lake	30.0	.0	19.1	22.5	21.8	16.7
Show Low Creek	Show Low Lake	5.1	5.1	5.1	6.2	5.1	2.5

SUMMARY Water users outside the larger irrigation projects who normally depend on annual streamflows are realizing shortages at this time. Irrigators most likely impacted will be those in the Safford Valley, Verde Valley, Round Valley, and along Tonto Creek. Other irrigated pasture and hay land users will also be affected. The continued lack of significant precipitation so far this year has generally resulted in poor feed conditions across the State. As a result, some cattlemen continue with supplemental feeding and culling of herds. If current climatic conditions persist, some water hauling may be necessary with the possibility of stock ponds going dry or to very low levels by the end of spring. Reservoir storage in the Salt River Project system is slightly below normal for this time of the year, but there is still enough water for this growing season. Soil moisture is short throughout the State and will be depleted by May or June if dry and windy conditions prevail. Wildfires are a concern due to dry conditions in the forests. Although not conclusive, preliminary data shows this winter to be one of the driest over the 30 year record.

SNOWPACK Snow surveys taken at the end of March show the Arizona snowpack to be near melted out. The only snow to be found as of April 1 is located on the San Francisco Peaks, the North Rim of the Grand Canyon, and the highest elevations of the Chuska Mountains located in northeastern Arizona. In the Salt River Basin, water content of the snowpack was measured at a dismal 1 percent of average, while in the San Francisco-Upper Gila River Basin, snow water content of the snowpack was measured at 13 percent of average. In the Little Colorado River Basin, water content of the snowpack was measured at 2 percent of average. Along the central Mogollon Rim, the snowpack was at 1 percent of average. The Grand Canyon combined snow survey data shows the snowpack to have a water content of 25 percent of average. In the Chuska Mountains, the water content of the snowpack was measured at 26 percent while the Verde River Basin also measured at 1 percent of average.

PRECIPITATION In the high country, climate stations reported precipitation totals ranging from .50 inches at Beaver Head, located near Alpine, to 1.50 inches at Heber for the month of March. Precipitation amounts for the water year October-April 1, continued to be well below average for the State. The continued lack of significant precipitation so far this year has generally resulted in poor feed conditions across the State.

RESERVOIRS Reservoir storage along the Salt and Verde Rivers is slightly below average levels, as a whole, for this time of year. The Salt River Project estimates their reservoir system to be 62 percent of the combined capacity, with a combined storage of 1,264,900 acre-feet. Along the Gila River, San Carlos reservoir shows storage to be above the 30-year average of 412,000 acre-feet with 467,500 in storage. On the Colorado River, Lakes Havasu, Mohave, Mead, and Powell were 82 percent of combined capacity with a combined storage of 44,410,500 acre-feet. In northern Arizona, Lyman Lake was at 54 percent of capacity with 16,700 acre-feet in storage, while Show Low Lake was at 49 percent of capacity with 2,500 acre-feet in storage.

STREAMFLOW Preliminary streamflow data indicates well below normal runoff for all major streams in Arizona. The Salt River is forecast to flow at only 13 percent of median through May, while in Tonto Creek, the forecast calls for 17 percent of median streamflow. In the Verde River, streamflow is expected to be 31 percent of median through May. In the San Francisco River, near Clifton, streamflow is predicted to be 30 percent, while at Soloman, the Gila River is forecast to flow 23 percent of median. San Carlos reservoir inflow into the lake is expected to be 18 percent of median. In northern Arizona, Little Colorado River inflow into Lyman reservoir is forecast to be 11 percent of median through June. Colorado river inflow into Lake Powell is forecast to be 115 percent of median through July. The Virgin River streamflow is expected to be 71 percent of median through July.

Source: United States Department of Agriculture, Natural Resources Conservation Service; Arizona Basin Outlook Report, April 1, 1996.

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.

Self-employment workers are defined as the operator and others who work on the farm without pay, but share in the returns from the farm, a concept that was adopted in 1982 to provide data users with an agricultural series analogous to other industrial series. With the adoption of the self-employed category, all active partners working on the farm are counted as self-employed, whereas prior to 1982 only one was counted as the operator and the others were listed in the unpaid family category. Self-employed workers are counted if they work at least 1 hour during the survey week. Unpaid workers must work at least 15 hours or more to be counted.

Hired workers include both 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.

FARM LABOR: Mountain III Region, by survey week, January 1991-April 1996 1/

Survey week and year	Number of workers							Hours worked per worker		
	Hired			Other			Total all farm workers			
	150 days or more	149 days or less	Total	Self-employed	Unpaid	Total		Self-employed	Unpaid	Hired
	Thousands							Hours		
1991										
January 6-12	11	2	13	12	25	37	50	28.3	36.6	46.4
April 7-13	13	3	16	10	25	35	51	31.1	25.8	45.2
July 7-13	19	4	23	12	24	36	59	43.4	41.0	45.8
October 6-12	15	5	20	14	24	38	58	38.3	29.0	46.1
1992										
January 12-18	17	3	20	13	22	35	55	32.0	34.2	41.5
April 12-18	17	3	20	13	23	36	56	39.1	29.0	46.5
July 12-18	16	4	20	12	26	38	58	40.4	30.6	44.2
October 11-17	12	6	18	13	26	39	57	38.0	36.8	48.4
1993										
January 10-16	12	1	13	9	23	32	45	27.3	31.5	42.6
April 11-17	19	3	22	11	23	34	56	37.5	33.0	47.4
July 11-17	16	3	19	11	24	35	54	40.7	28.9	51.0
October 10-16	13	3	16	11	25	36	52	38.1	29.1	46.1
1994										
January 9-15	15	3	18	10	24	34	52	31.7	23.2	45.1
April 10-16	16	2	18	11	23	34	52	34.7	28.1	50.6
July 10-16	18	3	21	14	25	39	60	38.1	30.4	46.6
October 9-15	16	2	18	16	25	41	59	28.1	26.7	47.3
1995										
January 8-14	14	2	16	15	25	40	56	28.6	20.9	44.8
April 9-15	16	3	19	14	24	38	57	31.1	27.6	43.1
July 9-15	16	4	20	16	25	41	61	36.3	33.5	49.4
October 8-14	17	4	21	17	24	41	62	34.7	30.5	46.9
1996										
January 7-13	14	4	18	16	24	40	58	33.0	26.3	44.3
April 7-13	16	3	19	13	23	36	55	35.1	32.1	49.3

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

FARM WAGE RATES: Mountain III Region, by survey week, January 1991-April 1996 1/

Survey week and year	All hired workers	Type of worker					Method of pay		
		Field	Livestock	Combined field and livestock	Super-visory	Other	Hourly	Piece rate	Other
	Dollars per hour								
1991									
January 6-12	5.77	5.09	5.15	5.12	8.31	2/	5.21	2/	6.38
April 7-13	5.33	4.98	5.11	5.03	7.74	2/	4.95	2/	5.94
July 7-13	5.43	5.06	5.29	5.12	7.19	7.27	5.12	2/	5.93
October 6-12	5.65	5.33	5.44	5.36	2/	2/	5.26	2/	6.22
1992									
January 12-18	6.30	5.98	5.77	5.94	2/	7.94	6.14	6.13	7.11
April 12-18	5.51	4.97	5.49	5.14	2/	2/	5.12	2/	6.25
July 12-18	5.64	4.98	5.73	5.16	2/	7.88	5.23	2/	6.72
October 11-17	5.55	4.95	5.34	5.06	2/	2/	5.18	2/	6.79
1993									
January 10-16	6.37	5.32	6.48	5.73	10.15	7.95	5.77	2/	7.60
April 11-17	5.79	5.20	2/	5.43	7.45	2/	5.24	2/	2/
July 11-17	5.93	5.41	5.75	5.52	2/	2/	5.43	2/	2/
October 10-16	6.04	5.20	6.01	5.48	2/	2/	5.32	2/	2/
1994									
January 9-15	6.38	5.79	6.08	5.88	9.49	9.93	5.66	7. 35	7.32
April 10-16	6.35	5.60	6.09	5.81	9.49	2/	5.89	2/	6.93
July 10-16	6.15	5.43	6.68	5.80	2/	2/	5.74	5.93	2/
October 9-15	6.19	5.41	6.04	5.70	8.42	8.29	5.86	2/	6.94
1995									
January 8-14	7.01	6.58	5.51	6.20	2/	2/	6.31	2/	2/
April 9-15	6.42	5.71	6.53	5.98	10.13	2/	5.94	2/	7.19
July 9-15	6.24	5.54	6.31	5.71	2/	2/	5.65	2/	8.01
October 8-14	6.08	5.61	5.96	5.72	2/	2/	5.52	2/	2/
1996									
January 7-13	6.43	5.42	5.90	5.57	10.62	8.52	5.81	2/	7.59
April 7-13	6.76	5.67	6.03	5.74	11.39	9.98	5.97	5.59	7.51

1/ Mountain III region includes Arizona and New Mexico. Excludes agricultural service workers. 2/ Insufficient data.

FARM LABOR AND WAGE RATES: Arizona, by survey week January 1992-April 1996 1/

Survey week and year	All farm workers	Hired workers					
		Number of workers	Hours worked	Wage rates 2/			
				All hired workers	Field workers	Field and livestock workers	All hourly workers
	Thousands		Hours	Dollars per hour			
1992							
January 12-18	3/	15	3/	6.40	3/	3/	3/
April 12-18	29	13	48.0	5.26	4.90	5.05	4.90
July 12-18	29	13	47.0	5.90	5.20	5.32	5.40
October 11-17	29	12	52.0	5.41	4.80	4.95	5.10
1993							
January 10-16	21	7	42.0	6.38	5.10	5.37	5.30
April 11-17	29	13	49.0	5.88	5.50	5.54	5.25
July 11-17	25	11	52.0	5.88	5.30	5.40	5.30
October 10-16	25	11	43.0	6.18	5.30	5.43	5.40
1994							
January 9-15	26	13	44.0	6.39	5.89	5.83	5.60
April 10-16	25	11	50.0	6.50	5.65	5.81	5.92
July 10-16	30	14	46.0	6.12	5.50	5.72	5.54
October 9-15	30	13	49.0	6.28	5.40	5.76	5.90
1995							
January 8-14	26	11	47.0	7.40	6.80	6.31	6.50
April 9-15	27	13	42.0	6.41	5.75	5.86	6.00
July 9-15	31	14	50.0	6.30	5.55	5.67	5.60
October 8-14	31	14	49.0	6.10	5.55	5.62	5.40
1996							
January 7-13	30	13	43.0	6.70	5.55	5.73	5.80
April 7-13	27	14	50.0	6.50	5.65	5.79	6.00

1/ Arizona data not reported separately prior to 1992. Excludes agricultural service workers. 2/ Livestock, Supervisory and Other published at regional and U.S. level only. 3/ Insufficient data.

LAND OWNERSHIP AND ADMINISTRATION: Acres and percent of total, Arizona, by counties, 1995 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	492	124	647	4,729	1,035	154	7,181	7,175	6
Cochise	490	376	1,371	0	1,631	112	3,980	3,980	0
Coconino	3,272	612	1,141	5,447	613	862	11,947	11,909	38
Gila	1,702	65	31	1,159	82	28	3,067	3,041	26
Graham	396	760	497	1,072	249	3	2,977	2,963	14
Greenlee	751	172	173	0	74	6	1,176	1,176	0
La Paz	0	1,691	259	226	147	566	2,889	2,870	19
Maricopa	658	2,432	662	264	1,807	81	5,904	5,834	70
Mohave	6	5,234	582	544	839	1,417	8,622	8,503	119
Navajo	488	88	371	3,489	1,908	30	6,374	6,371	3
Pima	390	364	868	2,491	764	1,003	5,880	5,880	0
Pinal	223	290	1,210	774	898	44	3,439	3,420	19
Santa Cruz	419	4	61	0	308	0	792	792	0
Yavapai	1,964	568	1,267	8	1,373	21	5,201	5,196	5
Yuma	0	1,474	272	9	333	1,443	3,531	3,526	5
Total	11,251	14,254	9,412	20,212	12,061	5,770	72,960	72,636	324

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	9	35	0	41	3
Coconino	27	5	10	46	5	7
Gila	55	2	1	38	3	1
Graham	13	26	17	36	8	6/
Greenlee	64	15	15	0	6	6/
La Paz	0	58	9	8	5	20
Maricopa	11	41	11	5	31	1
Mohave	6/	61	6	6	10	17
Navajo	8	1	6	55	30	1
Pima	7	6	15	42	13	17
Pinal	7	8	35	23	26	1
Santa Cruz	53	6/	8	0	39	0
Yavapai	38	11	24	6/	26	6/
Yuma	0	42	8	6/	9	41
Total	15	20	13	27	17	8

1/ Reference dates: Forest Service, September 30, 1995; Bureau of Land Management, July 1995; State of Arizona, May 1996, and Bureau of Indian Affairs, December 31, 1992.

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, 1980.

5/ The term "water" includes permanent inland water surface such as lakes, ponds and reservoirs having 40 acres or more of area and streams and canals one-eight mile or more in width.

6/ Less than 0.5 percent.

AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS: Arizona, by county, December 31, 1994

County	Parcels	Acres	Reported Value 1/
	Number		1,000 dol.
Cochise	3	6,679	540
Coconino	2	45,967	170
Gila	24	5,928	954
Graham	1	87	35
Maricopa	95	94,747	218,752
Navajo	1	640	3
Pima	13	101,337	27,818
Pinal	25	47,383	31,835
Santa Cruz	7	6,757	5,082
Yavapai	4	21,119	2,398
Yuma	13	1,215	2,986
Total	188	331,859	290,573

1/ Reported value is purchased price or nonpurchase price (estimated value) at time of acquisition.

Source: United States Department of Agriculture, Economic Research Service, Resources and Technology Division; Foreign Ownership of U.S. Agricultural Land through December 31, 1994; County Level Data.

AGRICULTURAL LANDHOLDINGS BY COUNTRY OF FOREIGN OWNERS: Arizona, by county, December 31, 1994

County	Canada	Netherlands Antilles	Germany	Switzerland	United Kingdom	All others
			Acres			
Cochise	5,612	0	750	0	0	317
Coconino	320	0	0	0	0	45,647
Gila	5,928	0	0	0	0	0
Graham	87	0	0	0	0	0
Maricopa	5,603	12	1,030	68,465	392	19,245
Navajo	640	0	0	0	0	0
Pima	300	4,700	0	0	0	96,337
Pinal	3,364	0	620	300	0	43,099
Santa Cruz	560	0	6,197	0	0	0
Yavapai	113	0	0	19,899	0	1,107
Yuma	5	0	0	240	0	970
Total	22,532	4,712	8,597	88,904	392	206,722

Source: United States Department of Agriculture, Economic Research Service, Resources and Technology Division; Foreign Ownership of U.S. Agricultural Land through December 31, 1994; County Level Data.

USE OF AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNERS: Arizona, by county, December 31, 1994

County	Cropland	Pasture	Forest	Other agriculture	Other Non-agriculture	Total
			Acres			
Cochise	0	6,679	0	0	0	6,679
Coconino	0	320	0	45,647	0	45,967
Gila	0	5,915	13	0	0	5,928
Graham	40	47	0	0	0	87
Maricopa	57,744	8,568	0	3,350	25,085	94,747
Navajo	0	640	0	0	0	640
Pima	764	100,180	0	43	350	101,337
Pinal	10,539	25,251	441	5,616	5,536	47,383
Santa Cruz	0	6,757	0	0	0	6,757
Yavapai	720	20,399	0	0	0	21,119
Yuma	1,055	0	0	128	32	1,215
Total	70,862	174,756	454	54,784	31,003	331,859

Source: United States Department of Agriculture, Economic Research Service, Resources and Technology Division; Foreign Ownership of U.S. Agricultural Land through December 31, 1994; County Level Data.

INTERNATIONAL TRADE

It is not possible under present methods of statistical measurement to determine what amount of Arizona's production is actually sold abroad. No reliable system of reporting this information has yet been designed, and no official series exists. If such figures were available they would be of little use to farm analysts and producers unless they bore some regular relationship to the state's annual agricultural production.

The alternative that is usually taken is to impute to each state a share of U.S. exports proportional to its share of total U.S. production. The export values appearing in the following table were calculated in this manner. The ratio of Arizona production to U.S. production for each commodity listed was multiplied by the value of U.S. exports of that commodity. The same procedure can also yield an export value share for the southwest states taken together. While in certain cases the actual export value can be found to differ from the imputed export share, the defense of the calculation rests on the principle that supplies of a given commodity from one state or another are essentially interchangeable in domestic and foreign markets.

To make the apportionment of exports to states more realistic, data for certain groups such as feed grains were limited to states that account for 90 percent of the output. It was also assumed that a state would share in exports only if it had an apparent surplus. The latter involves computing grain-consuming animal units and the amount of grain needed to sustain those numbers.

For a detailed analysis see, Arizona and the U.S. Foreign Trade in Agricultural Commodities, by Robert Rothenberg and Jimmye S. Hillman, University of Arizona, College of Agriculture, July 1983.

AGRICULTURAL EXPORTS: Arizona's equivalent share of value, by commodity group, fiscal years 1990/91-1994/95 1/

COMMODITY GROUP	1990/91	1991/92	1992/93	1993/94	1994/95
			Million dollars		
Wheat and products	10.3	11.8	13.2	21.8	27.1
Cotton, including linters	210.3	156.5	84.2	124.0	160.8
Cottonseed and products	4.8	6.5	5.2	6.3	6.5
Fruits and preparations	63.7	70.9	46.5	53.6	55.3
Vegetables and preparations	43.1	52.4	49.5	45.7	71.4
Live animals and meat (excludes poultry)	26.4	33.6	31.8	34.5	40.9
Hides and skins	12.4	12.5	12.0	14.7	17.8
Fats, oils, and greases	3.5	4.4	4.6	4.7	8.0
Dairy products	3.0	7.2	9.1	9.3	9.6
Feeds and fodders	4.3	5.4	6.1	7.4	7.9
Seeds	11.3	14.7	12.1	13.3	15.8
Other 2/	4.2	4.3	3.2	3.9	4.3
ARIZONA	397.3	380.2	277.5	339.2	425.4
UNITED STATES	37,684.3	42,504.7	42,589.4	43,510.4	54,159.9

1/ Fiscal years October 1-September 30.

2/ Confectionery, nursery and greenhouse, 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.

COTTON SUPPLY AND USE: World, United States, major exporters and importers; marketing years 1993/94-1995/96 1/

Region	Supply			Use		Loss 2/	Ending stocks
	Beginning stocks	Production	Imports 3/	Domestic	Exports 3/		
	Million 480-pound bales						
1993/94							
World	34.41	76.70	27.95	85.31	26.94	.50	26.31
United States	4.66	16.13	.01	10.42	6.86	-.01	3.53
Total Foreign	29.75	60.56	27.95	74.89	20.08	.51	22.78
Major exporters 5/	22.26	53.20	3.98	48.47	14.83	.39	15.73
China	10.44	17.20	.81	21.30	.75	.30	6.10
Pakistan	2.16	6.28	.35	6.73	.32	.06	1.69
India	2.59	9.49	.23	9.92	.31	.00	2.09
Uzbekistan	1.53	6.07	.01	.80	6.00	.00	.81
Turkmenistan	.41	1.85	.00	.10	1.70	.00	.46
Africa Free Zone 6/	.50	2.42	.04	.31	2.03	.00	.62
Southern Hemisphere 7/	3.26	5.00	1.94	4.70	2.51	.01	2.97
Australia	.74	1.51	.00	.14	1.68	.00	.42
Brazil	1.83	1.86	1.87	3.95	.01	.00	1.60
Major importers	4.59	1.74	19.18	18.60	2.16	.06	4.69
Europe	2.09	1.70	6.74	7.02	1.15	.03	2.33
Selected Asia 8/	2.34	.04	9.44	9.38	.18	.03	2.23
Japan	.50	.00	1.99	2.07	.00	.00	.42
South Korea	.66	4/	1.69	1.60	.01	.00	.74
Russia	.16	.00	3.00	2.20	.83	.00	.14
1994/95							
World	26.34	85.67	30.53	84.79	28.63	.20	28.91
United States	3.53	19.66	.02	11.20	9.40	-.04	2.65
Total Foreign	22.81	66.01	30.51	73.60	19.23	.24	26.26
Major exporters 5/	8.06	35.42	2.53	24.34	12.91	.08	8.68
Pakistan	1.69	6.25	.70	6.75	.15	.05	1.69
India	2.09	10.81	.46	10.54	.08	.00	2.73
Uzbekistan	.81	5.78	.01	.75	5.20	.00	.64
Turkmenistan	.49	1.61	.00	.10	1.50	.00	.50
Africa Free Zone 6/	.62	2.65	.05	.32	2.54	.00	.45
Southern Hemisphere 7/	1.37	3.81	.04	.68	2.80	.01	1.73
Australia	.42	1.54	.00	.16	1.30	.00	.51
Argentina	.81	1.61	.04	.46	.91	.01	1.09
Major importers	12.40	24.49	23.05	41.36	2.86	.09	15.63
Brazil	1.60	2.53	1.61	4.00	.15	.00	1.59
China	6.10	19.90	4.06	20.20	.18	.00	9.68
Europe	2.33	2.02	6.16	6.89	1.45	.06	2.10
Selected Asia 8/	2.23	.05	9.12	8.97	.29	.03	2.10
Japan	.42	.00	1.75	1.75	.00	.00	.42
South Korea	.74	4/	1.70	1.68	.02	.00	.75
Russia	.14	.00	2.10	1.30	.78	.00	.16
1995/96 (Estimated)							
World	28.91	88.41	28.59	85.62	28.39	.17	31.73
United States	2.65	17.90	.30	10.50	7.70	-.05	2.70
Total Foreign	26.26	70.51	28.29	75.12	20.69	.22	29.03
Major exporters 5/	8.68	38.33	1.02	24.85	14.75	.09	8.34
Pakistan	1.69	8.00	.15	6.80	1.50	.05	1.49
India	2.73	10.90	.08	10.80	.50	.00	2.41
Uzbekistan	.64	5.74	.01	.80	4.90	.00	.68
Turkmenistan	.50	1.15	.00	.14	1.05	.00	.46
Africa Free Zone 6/	.45	3.06	.06	.32	2.76	.00	.50
Southern Hemisphere 7/	1.73	4.07	.03	.69	3.07	.01	2.06
Australia	.51	1.75	4/	.19	1.40	.00	.67
Argentina	1.09	1.80	.03	.45	1.20	.01	1.26
Major importers	15.63	24.72	22.15	41.95	2.23	.08	18.24
Brazil	1.59	1.95	2.00	3.85	.19	.00	1.51
China	9.68	20.70	2.80	20.70	.10	.00	12.38
Europe	2.10	2.02	6.77	7.17	1.47	.05	2.20
Selected Asia 8/	2.10	.05	8.98	8.93	.28	.03	1.89
Japan	.42	.00	1.55	1.60	.00	.00	.37
South Korea	.75	4/	1.50	1.68	.02	.00	.56
Russia	.16	.00	1.60	1.30	.20	.00	.26

1/ Marketing year beginning August 1. Totals may not add exactly and trade may not balance due to rounding and other factors. 2/ For foreign countries, reflects cotton lost or destroyed in the marketing channel; for the United States, reflects the difference between ending stocks based on Bureau of Census data and implicit stocks based on supply less total use. 3/ World trade includes estimated trade among the 12 countries of the former Soviet Union and three Baltic states of 3.54 million bales in 1993/94 and 2.92 million in 1994/95 and 2.34 million in 1995/96. 4/ Less than 5,000 bales. 5/ Includes Egypt, Sudan, and Turkey in addition to the countries and regions listed. 6/ Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Includes Paraguay in addition to the countries and regions listed. 8/ Hong Kong, Indonesia, Japan, South Korea, Taiwan, and Thailand.

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

ALL COTTON: Domestic mill consumption, stocks, and exports, United States 1990/91-1995/96

Season beginning August 1	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Season totals 1/
						1,000 bales							
						Mill consumption 2/							
1990/91	680	835*	671	610	601*	3/	--	2,068	--	--	2,212	--	--
1991/92	--	2,215	--	--	2,199	870	730	898*	718	752	885*	682	--
1992/93	776	950*	799	756	792*	788	796	976*	778	792	951*	694	9,846
1993/94	801	965*	792	731	790*	743	785	999*	806	830	1,032*	744	10,019
1994/95	870	1,070*	873	838	897*	858	878	1,097*	847	842	999*	681	10,750
1995/96 5/	829	1,020*	798	761	801								
						Mill consumption per day 2/							
1990/91	34.0	33.4	33.6	30.5	24.0	3/	--	32.3	--	--	34.0	--	--
1991/92	--	33.6	--	--	33.3	34.8	36.5	35.9	35.9	37.6	35.4	34.1	--
1992/93	38.8	38.0	39.9	37.8	31.7	39.4	39.8	39.0	38.9	39.6	38.0	34.7	38.0
1993/94	40.1	38.6	39.6	36.6	31.6	37.2	39.3	40.0	40.3	41.5	41.3	37.2	38.5
1994/95	43.5	42.8	43.7	41.9	35.9	42.9	43.9	43.9	42.3	42.1	40.0	34.0	41.3
1995/96 5/	41.5	40.8	39.9	38.1	32.0								
						Stocks in consuming establishments 4/							
1990/91	619	531	519	514	581	3/	--	663	--	--	722	--	--
1991/92	--	570	--	--	580	594	580	631	637	628	641	663	--
1992/93	636	555	515	519	599	626	639	682	698	701	692	694	--
1993/94	629	633	579	575	620	653	661	683	682	663	653	651	--
1994/95	641	587	578	585	652	640	666	708	767	757	731	713	--
1995/96 5/	615	532	523	527	552								
						Stocks in public storage 4/							
1990/91	1,615	2,451	6,126	8,930	9,875	3/	--	5,681	--	--	2,491	--	--
1991/92	--	2,223	--	--	11,075	10,290	9,206	7,696	6,273	5,057	3,723	2,806	--
1992/93	2,227	2,395	6,535	10,015	11,252	10,114	9,108	7,725	6,575	5,570	4,466	3,587	--
1993/94	3,036	3,147	7,204	11,046	11,888	10,836	9,450	8,036	6,639	5,211	3,624	2,483	--
1994/95	1,738	2,011	6,492	11,064	11,846	10,140	8,020	6,024	4,715	3,489	2,491	1,745	--
1995/96 5/	1,212	1,931	5,680	9,126	9,760								
						Exports 4/							
1990/91	480	355	433	591	639	1,112	950	804	960	488	404	273	7,488
1991/92	219	126	239	396	674	961	725	791	787	535	430	466	6,348
1992/93	252	263	277	342	528	501	502	533	639	401	317	395	4,950
1993/94	246	299	317	385	557	522	598	841	623	727	855	614	6,584
1994/95	430	523	238	503	952	991	1,307	1,565	1,010	741	604	305	9,169
1995/96 5/	251	222	267	820	789								

** Five week month.*

1/ Season totals are adjusted data as reported in Supply and Distribution of Domestic and Foreign Cotton in the United States by Bureau of the Census.

2/ Consumption figures relate to four-week months except as noted. Daily consumption rates calculated on the basis of 20 days for four-week months and 25 days for five-week months with no allowance for holidays; first quarter 1991 based on 64 days; second quarter, 65 days; and third and fourth quarters, 66 days.

3/ Data released monthly except for period beginning January 1, 1991 through December 31, 1991 when data was released quarterly.

4/ These data refer to a particular day near the end of the month.

5/ Preliminary.

Source: United States Department of Agriculture, Foreign Agricultural Service and Bureau of Census.

STATE STATISTICAL OFFICES

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Category	Unit	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth	United States	Arizona's Rank
GENERAL													
Number of farms and ranches June 1995	Number	Texas 202,000	Mo. 106,000	Iowa 100,000	Ky. 89,000	Minn. 87,000	Tenn. 82,000	Wis. 80,000	Calif. 80,000	Ill. 77,000	Ohio 74,000	2,073,320	41 7,400
Land in farms and ranches June 1995	1,000 acres	Texas 129,000	Mont. 59,700	Kans. 47,800	Nebr. 47,100	N. Mex. 44,000	S. Dak. 44,000	N. Dak. 40,300	ARIZ. 35,400	Wyo. 34,600	Okla. 34,000	972,253	8 35,400
Cash receipts from farm marketings 1994	Mil. dols.	Calif. 20,238	Texas 12,552	Iowa 10,084	Nebr. 8,561	Ill. 8,223	Kans. 7,688	Minn. 6,522	N.C. 6,369	Fla. 5,978	Wis. 5,384	179,669	32 1,869
FIELD CROPS													
Pima cotton production	1,000 bales	Calif. 225	ARIZ. 72	Texas 52	N. Mex. 19							368	2 72
Upland cotton production	1,000 bales	Texas 4,460	Calif. 2,312	Ga. 1,941	Miss. 1,841	Ark. 1,468	La. 1,375	N.C. 798	ARIZ. 793	Tenn. 724	Mo. 513	17,532	8 793
Cottonseed production	1,000 tons	Texas 1,828	Calif. 940	Miss. 727	Ga. 674	Ark. 580	La. 499	ARIZ. 334	Tenn. 292	N.C. 282	Mo. 221	6,849	7 334
Durum wheat production	1,000 tons	N.Dak. 2,333	ARIZ. 255	Mont. 239	Calif. 204	S. Dak. 27	Minn. 11					3,068	2 255
Winter wheat production	1,000 tons	Kans. 8,580	Wash. 3,999	Okla. 3,276	Colo. 3,078	Nebr. 2,583	Texas 2,268	Ohio 2,214	Ill. 2,043	Ind. 1,756	Oreg. 1,733	46,419	35 55
Corn for grain production	1,000 tons	Iowa 39,262	Ill. 31,640	Nebr. 23,932	Minn. 20,492	Ind. 16,769	Ohio 10,503	Wis. 9,736	Mich. 6,987	Kans. 6,840	Texas 6,065	206,469	38 105
Barley production	1,000 tons	N.Dak. 2,430	Mont. 1,498	Idaho 1,459	Minn. 696	Wash. 501	Calif. 336	Colo. 240	Utah 201	Wyo. 194	Oreg. 173	8,618	17 45
Alfalfa hay production	1,000 tons	Calif. 6,900	S. Dak. 6,500	Wis. 5,980	Minn. 4,988	Iowa 4,860	Nebr. 4,725	Idaho 4,510	Mich. 4,305	Mont. 4,000	Kans. 3,230	84,980	23 1,287
Other hay production	1,000 tons	Texas 7,560	Mo. 5,558	Ky. 4,620	Tenn. 3,740	Kans. 3,325	Okla. 2,730	S. Dak. 2,550	Nebr. 2,250	Penn. 2,147	Va. 2,109	69,806	46 105
Potatoes production	1,000 cwt	Idaho 131,274	Wash. 80,850	Wis. 27,135	Colo. 26,404	N. Dak. 25,410	Oreg. 23,760	Minn. 20,790	Maine 17,160	Mich. 16,500	Calif. 14,620	442,309	20 1,755
Principal field crops harvested acreage	1,000 acres	Iowa 22,872	Ill. 22,526	Kans. 21,363	N. Dak. 20,114	Minn. 18,972	Texas 17,870	Nebr. 17,769	S.Dak. 13,947	Ind. 11,785	Mo. 11,687	301,186	38 787
Field and misc. crops value of production	Mil. dols.	Iowa 7,442	Ill. 6,919	Minn. 5,058	Nebr. 4,478	Texas 4,224	Ind. 3,649	Kans. 3,473	Calif. 3,229	Ohio 2,923	N. Dak. 2,903	80,759	32 565
FRUITS													
Lemons production	1,000 ctns	Calif. 41,000	ARIZ. 7,200									48,200	2 7,200
Oranges production	1,000 ctns	Fla. 410,800	Calif. 122,000	Texas 2,110	ARIZ. 2,100							537,010	4 2,100
Grapefruit production	1,000 ctns	Fla. 111,400	Calif. 18,600	Texas 9,300	ARIZ. 2,800							142,100	4 2,800
Tangerines production	1,000 ctns	Fla. 7,100	Calif. 4,400	ARIZ. 1,300								12,800	3 1,300
Grapes Utilized production	1,000 tons	Calif. 5,065	Wash. 326	N.Y. 163	Mich. 64	Penn. 63	ARIZ. 26	Oreg. 14	Ohio 9	Ark. 7	Ga. 3	5,744	6 26
Apples Utilized production	Mil. lbs	Wash. 4,900	Mich. 1,220	N.Y. 1,110	Calif. 850	Penn. 493	Va. 392	N.C. 270	W. Va. 165	Oreg. 140	Ohio 120	10,541	30 11
Fruits and nuts value of production	Mil. dols.	Calif. 5,430	Fla. 1,540	Wash. 1,448	Oreg. 255	Mich. 251	N.Y. 190	Haw. 153	Ga. 131	ARIZ. 108	Wis. 104	10,448	9 108

Category	Unit	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth	United States	Arizona's Rank
VEGETABLES													
Head lettuce production	1,000 cwt	Calif. 40,120	ARIZ. 17,661	Colo. 858	N. Mex. 570	N.J. 360	Wash. 273	N.Y. 135	Haw. 12			59,989	2 17,661
Leaf lettuce production	1,000 cwt	Calif. 7,350	ARIZ. 1,440	Ohio 82	Fla. 50							8,922	2 1,440
Romaine lettuce production	1,000 cwt	Calif. 7,200	ARIZ. 1,482	Fla. 270	Ohio 87							9,039	2 1,482
Cauliflower production	1,000 cwt	Calif. 5,088	ARIZ. 765	Oreg. 320	N.Y. 186	Mich. 98	Texas 68					6,525	2 765
Broccoli production	1,000 cwt	Calif. 10,740	ARIZ. 946	Oreg. 260	Texas 234							12,180	2 946
Spring onions production	1,000 cwt	Texas 10,110	Calif. 3,300	Ga. 2,375	ARIZ. 672							10,110	4 672
Carrots production	1,000 cwt	Calif. 18,415	Mich. 1,938	Colo. 1,710	Texas 750	Fla. 728	Wash. 684	Oreg. 665	Minn. 576	ARIZ. 523	N.Y. 240	26,292	9 523
Cantaloupe production	1,000 cwt	Calif. 13,639	ARIZ. 3,040	Texas 2,356	Ga. 715	Ind. 544	Colo. 216	Md. 162	Penn. 156	Mich. 150	Ohio 101	21,079	2 3,040
Honeydews production	1,000 cwt	Calif. 4,220	Texas 860	ARIZ. 576								5,656	3 576
Watermelons production	1,000 cwt	Fla. 8,250	Ga. 8,225	Texas 6,650	Calif. 6,364	ARIZ. 1,802	Ind. 1,749	N.C. 1,488	S.C. 1,430	Mo. 1,323	Okla. 882	40,634	5 1,802
Principal vegetables harvested acres	1,000 acres	Calif. 732	Fla. 200	Ga. 120	Texas 117	ARIZ. 96	Mich. 63	N.Y. 63	Wash. 43	N.C. 41	Colo. 36	1,819	5 96
Principal vegetables value of production	Mil. dols.	Calif. 3,866	Fla. 888	ARIZ. 657	Texas 359	Ga. 309	N.Y. 157	Mich. 152	Wash. 134	Colo. 106	N.J. 103	7,421	3 657
LIVESTOCK													
All cattle and calves January 1, 1996	1,000 head	Texas 15,100	Kans. 6,500	Nebr. 6,350	Okla. 5,600	Mo. 4,650	Calif. 4,600	Iowa 3,950	S. Dak. 3,900	Wis. 3,800	Colo. 3,100	103,819	36 840
Cattle on feed January 1, 1996	1,000 head	Texas 2,630	Kans. 2,210	Nebr. 2,030	Colo. 1,070	Iowa 730	Okla. 415	Calif. 350	Minn. 335	S. Dak. 330	Ill. 290	12,792	13 222
Calf crop 1995	1,000 head	Texas 5,550	Mo. 2,150	Okla. 1,920	Nebr. 1,800	Calif. 1,780	S. Dak. 1,780	Wis. 1,580	Mont. 1,540	Kans. 1,460	Ky. 1,250	40,251	36 290
Cows that have calved January 1, 1996	1,000 head	Texas 6,300	Mo. 2,350	Calif. 2,100	Okla. 2,080	Nebr. 2,000	S. Dak. 1,830	Wis. 1,675	Kans. 1,590	Mont. 1,590	Ky. 1,360	44,745	36 345
All cattle and calves value January 1, 1996	Mil. dols.	Texas 6,225	Nebr. 3,175	Calif. 3,082	Kans. 2,828	Wis. 2,622	Okla. 2,212	Iowa 2,094	Mo. 2,093	S. Dak. 2,048	Minn. 1,711	52,160	36 454
All sheep and lambs January 1, 1996	1,000 head	Texas 1,650	Calif. 1,000	Wyo. 680	Colo. 535	S. Dak. 500	Mont. 465	Utah 395	Oreg. 345	Iowa 345	Idaho 273	8,457	15 135
Angora goats January 1, 1996	1,000 head	Texas 1,250	N. Mex. 85	ARIZ. 80	Okla. 15	Mich. 4						5 States 1,434	3 80
Hogs and pigs December 1, 1995	1,000 head	Iowa 14,400	N.C. 8,300	Minn. 5,050	Ill. 4,900	Ind. 4,150	Nebr. 4,100	Mo. 3,600	Ohio 1,850	S. Dak. 1,500	Kans. 1,250	60,190	28 125
All chickens (Excludes (commercial broilers) December 1, 1995	1,000 birds	Calif. 29,700	Ohio 27,500	Ga. 26,802	Penn. 26,220	Ind. 25,628	Ark. 25,075	Iowa 21,220	Texas 21,000	N.C. 18,835	Ala. 16,873	384,241	1/
Honey production total produced	1,000 lbs	Calif. 39,060	N. Dak. 23,760	S. Dak. 20,400	Fla. 19,780	Minn. 13,530	Mich. 8,924	Texas 8,904	Mont. 8,480	Idaho 6,000	Wis. 5,767	210,437	14 4,108
Milk production total produced	Mil. lbs	Calif. 25,327	Wis. 22,942	N.Y. 11,643	Penn. 10,600	Minn. 9,442	Texas 6,113	Mich. 5,565	Wash. 5,302	Ohio 4,600	Idaho 4,210	155,644	17 2,230
Egg production total produced	Mil. eggs	Calif. 6,444	Ohio 5,964	Penn. 5,655	Ind. 5,496	Ga. 4,376	Iowa 4,032	Texas 3,950	Ark. 3,608	N.C. 3,152	Minn. 2,823	74,258	1/

1/ Arizona not published to avoid disclosure of individual operations.

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OFFICIAL BUSINESS

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