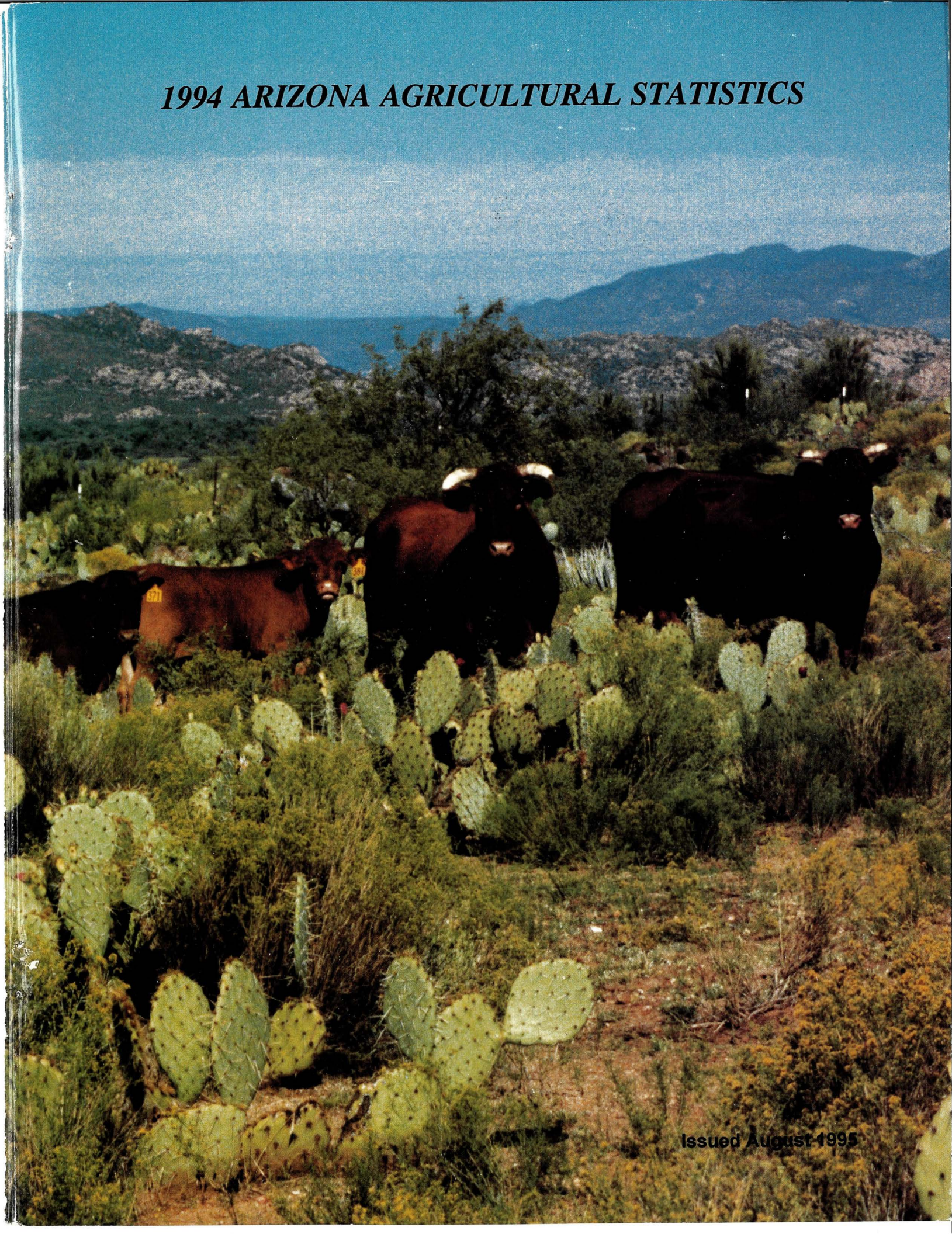
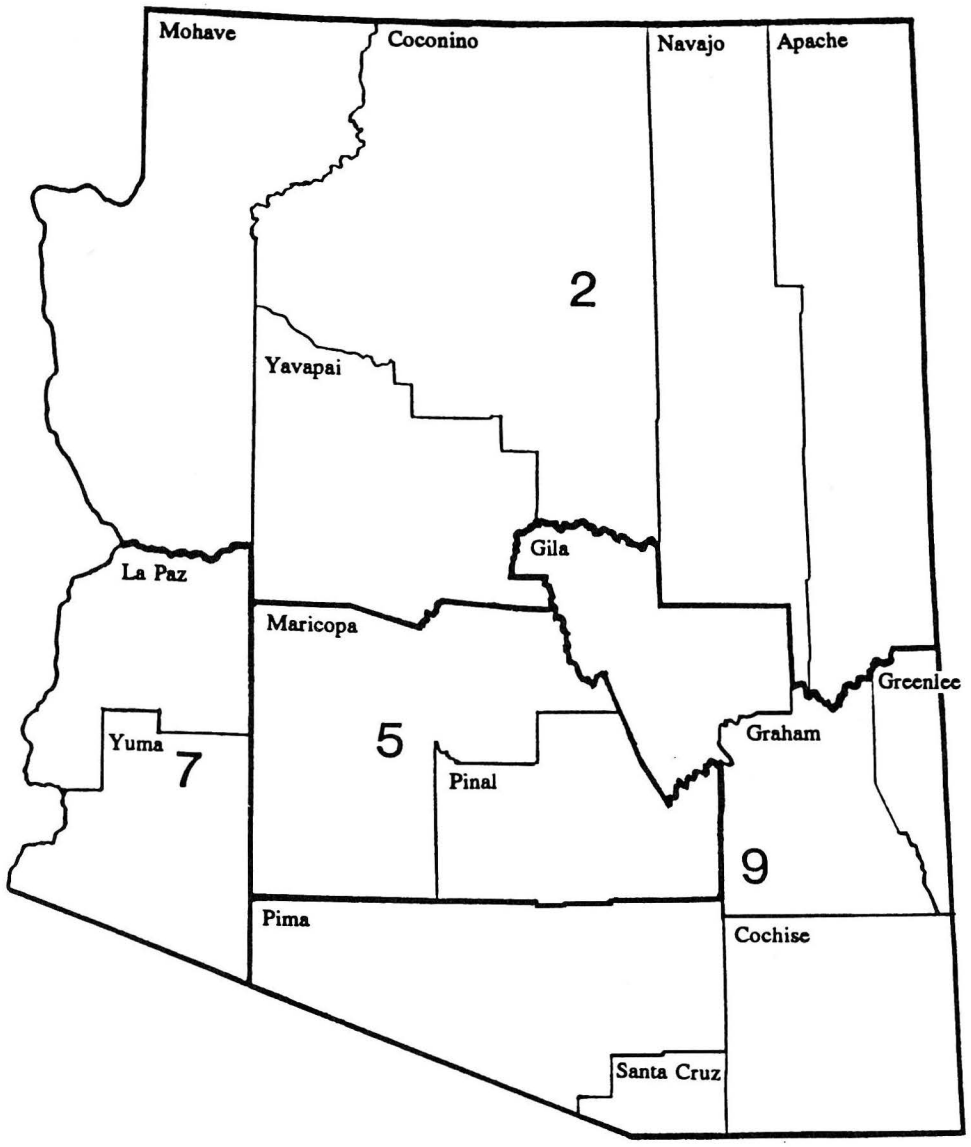
1994 ARIZONA AGRICULTURAL STATISTICS



Issued August 1995

ARIZONA COUNTIES AND CROP REPORTING DISTRICTS



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PREFACE

The 1994 edition of Arizona Agricultural Statistics highlights a cooperative agreement between The University of Arizona's College of Agriculture and the Arizona Agricultural Statistics Service which spans a period of thirty years. Over that thirty year span, social and economic forces have been at work changing the nature of the state's agriculture. Farms are larger but fewer, urbanization has shifted production areas and production practices have been modernized to stay abreast of current technology. Both the University of Arizona's College of Agriculture and the Arizona Agricultural Statistics Service are proud to have played a role in recording the ongoing transformation of agriculture in the state and in providing information that is vital to the proper functioning of a free-market economy.

As Arizona agriculture faces the future, additional changes and adjustments will be required. Key issues such as farm programs, public lands grazing, water allocations and international trade will all help shape the state's agriculture in the coming years. We pledge our best effort to provide quality information in a timely fashion. We want to thank all of the contributors to the 30-year series of Arizona Agricultural Statistics and trust that we can count on a continuation of the long standing tradition of working together for the good of the state's agriculture. We acknowledge the contribution of farmers, rancher and agribusiness men and women who have take time to provide survey information. We also recognize the field and office staff of Arizona Agricultural Statistics Service for their work in collecting the data and publishing the information.

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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, 1990-94

Commodity Group	1990	1991	1992	1993	1994
			1,000 dollars		
Cotton lint	415,394	353,774	268,359	253,591	272,841
Cottonseed	42,237	28,640	29,075	33,356	34,359
Hay	114,843	59,952	34,168	50,959	64,810
Wheat	33,932	21,161	29,730	28,156	44,377
Barley	3,442	4,253	3,915	4,607	5,276
Corn	2,785	2,246	1,437	4,460	4,728
Potatoes	14,901	17,996	10,912	11,963	12,275
Head lettuce	99,590	149,216	134,858	192,485	150,470
Leaf lettuce	1/	1/	27,269	43,659	20,539
Romaine	1/	1/	10,295	24,404	12,710
Onions	5,006	3,797	4,418	10,342	5,308
Cauliflower	15,926	22,548	19,558	20,930	20,748
Broccoli	10,977	15,079	14,770	21,503	21,817
Carrots	1,897	1,984	3,262	2,689	3,604
Honeydews	10,037	8,931	5,005	6,912	9,914
Cantaloupes	26,848	33,700	38,254	48,838	51,322
Watermelons	12,151	11,844	8,678	14,835	11,805
Miscellaneous vegetables	47,305	54,161	35,687	27,355	45,306
Grapefruit	20,538	16,387	15,834	6,437	4,388
Oranges	30,638	14,088	12,917	10,442	10,177
Lemons	42,896	48,838	52,156	50,202	65,861
Tangerines	10,058	9,991	16,442	11,483	11,214
Apples	4,892	7,891	6,059	3,654	3,654
Grapes	22,616	19,686	12,488	18,066	24,430
Miscellaneous fruits and nuts	27,551	26,569	30,664	28,176	26,579
All other crops 2/	97,372	100,020	85,729	98,511	105,179
TOTAL ALL CROPS	1,113,832	1,032,752	911,939	1,028,015	1,043,691
Cattle and calves	499,831	519,153	583,514	591,201	467,599
Hogs	19,738	20,960	19,253	22,591	22,140
Sheep and lambs	9,933	8,255	9,669	10,516	9,460
Dairy products	230,535	207,644	236,607	244,970	278,506
Eggs	3,711	3,967	3,520	3,711	3,314
Honey	1,576	1,988	2,079	2,202	1,414
Wool	977	626	812	533	517
Miscellaneous livestock and products	49,453	26,095	41,044	42,597	41,071
TOTAL ALL LIVESTOCK AND PRODUCTS	815,754	788,688	896,498	918,321	824,021
TOTAL ALL COMMODITIES	1,929,586	1,821,440	1,808,437	1,946,336	1,867,712
GOVERNMENT PAYMENTS	43,349	40,493	75,580	113,878	72,073
TOTAL CASH RECEIPTS	1,972,935	1,861,933	1,884,017	2,060,214	1,939,785

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, 1990-94

County	1990	1991	1992	1993	1994
			1,000 dollars		
Apache	36,140	33,695	43,252	36,369	25,109
Cochise	72,650	64,523	84,344	83,904	62,957
Coconino	28,145	28,379	37,724	31,999	22,895
Gila	16,743	17,010	21,898	13,101	7,353
Graham	51,445	46,256	49,765	36,727	27,329
Greenlee	7,738	8,313	10,394	6,222	7,473
La Paz	83,122	61,424	65,497	95,491	55,491
Maricopa	700,536	586,736	590,611	584,506	664,841
Mohave	21,715	17,806	18,901	17,966	17,838
Navajo	42,158	40,797	49,800	40,967	36,341
Pima	59,972	49,866	53,541	64,772	43,478
Pinal	374,876	396,878	321,941	386,800	378,504
Santa Cruz	11,512	10,429	12,988	9,165	5,126
Yavapai	43,404	40,011	52,150	40,761	29,943
Yuma	379,430	419,317	395,631	497,586	483,034
ARIZONA	1,929,586	1,821,440	1,808,437	1,946,336	1,867,712

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Crops, Arizona, by counties, 1990-94

County	1990	1991	1992	1993	1994
			1,000 dollars		
Apache	1,006	576	587	800	626
Cochise	32,763	27,594	37,370	41,181	31,261
Coconino	345	180	289	867	2,534
Gila	184	138	156	211	467
Graham	29,234	22,802	20,272	20,218	17,684
Greenlee	1,517	1,019	1,219	806	2,673
La Paz	81,647	59,920	63,326	93,070	53,943
Maricopa	414,799	344,492	309,000	308,427	362,726
Mohave	11,478	7,279	5,245	8,233	10,417
Navajo	521	305	915	1,550	1,128
Pima	28,987	25,929	22,837	33,458	23,563
Pinal	218,170	207,732	138,093	136,038	155,134
Santa Cruz	2,216	1,366	1,032	1,295	321
Yavapai	1,043	700	803	1,229	1,001
Yuma	289,922	332,720	310,795	380,632	380,213
ARIZONA	1,113,832	1,032,752	911,939	1,028,015	1,043,691

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Livestock and livestock products, Arizona, by counties, 1990-94

County	1990	1991	1992	1993	1994
			1,000 dollars		
Apache	35,134	33,119	42,665	35,569	24,483
Cochise	39,887	36,929	46,974	42,723	31,696
Coconino	27,800	28,199	37,435	31,132	20,361
Gila	16,559	16,872	21,742	12,890	6,886
Graham	22,211	23,454	29,493	16,509	9,645
Greenlee	6,221	7,294	9,175	5,416	4,800
La Paz	1,475	1,504	2,171	2,421	1,548
Maricopa	285,737	242,244	281,611	276,079	302,115
Mohave	10,237	10,527	13,656	9,733	7,421
Navajo	41,637	40,492	48,885	39,417	35,213
Pima	30,985	23,937	30,704	31,314	19,915
Pinal	156,706	189,146	183,848	250,762	223,370
Santa Cruz	9,296	9,063	11,956	7,870	4,805
Yavapai	42,361	39,311	51,347	39,532	28,942
Yuma	89,508	86,597	84,836	116,954	102,821
ARIZONA	815,754	788,688	896,498	918,321	824,021

FARM INCOME INDICATORS: 1990-94

Item	1990	1991	1992	1993	1994
			Million dollars		
Gross farm income	2,036.7	2,026.2	1,943.5	2,149.7	2,047.1
Gross cash income	2,020.8	1,910.8	1,939.1	2,117.9	2,022.0
Farm marketings	1,929.6	1,821.4	1,808.4	1,946.3	1,867.7
Crops	1,113.8	1,032.8	911.9	1,028.0	1,043.7
Livestock and products	815.8	788.7	896.5	918.3	824.0
Government payments	43.3	40.5	75.6	113.9	72.1
Farm-related income	47.9	48.9	55.1	57.7	82.2
Noncash income	47.8	47.5	47.1	47.5	48.9
Value of home consumption	4.6	4.4	4.3	4.4	4.1
Rental value of dwellings	43.2	43.1	42.8	43.2	44.8
Operator and other dwellings 1/	28.5	25.3	30.8	33.1	35.1
Hired laborer dwellings	14.7	17.8	12.0	10.1	9.7
Value of inventory adjustment	-32.0	67.9	-42.7	-15.7	-23.8
Total production expenses	1,413.0	1,345.4	1,343.0	1,427.9	1,556.0
Intermediate product expenses	922.5	887.2	900.9	986.4	1,037.5
Farm origin	409.9	386.4	405.6	440.4	416.7
Feed purchased	166.5	147.0	154.4	167.5	197.2
Livestock and poultry purchased	219.2	211.6	225.3	245.4	187.1
Seed purchased	24.2	27.8	25.8	27.6	32.4
Manufactured inputs	183.9	180.8	171.4	171.2	171.3
Fertilizer and lime	50.0	47.2	42.9	39.0	50.9
Pesticides	54.9	59.6	60.8	67.0	78.3
Fuel and oil	45.4	43.3	38.1	37.2	42.0
Electricity	33.6	30.7	29.5	27.9	.0
Other	328.6	320.0	323.9	374.8	449.6
Repair and maintenance	38.5	38.2	50.3	50.9	60.3
Other miscellaneous	290.1	281.8	273.6	323.9	389.3
Interest	159.6	146.8	131.6	91.1	111.0
Real estate	58.9	53.2	48.0	36.2	42.2
Nonreal estate	100.6	93.5	83.5	54.8	68.8
Contract and hired labor expenses	205.1	184.1	179.0	216.0	266.4
Net rent to nonoperator landlords 2/	22.5	22.3	25.4	27.3	31.0
Capital consumption	76.6	78.7	79.1	78.0	77.9
Property taxes	26.8	26.3	27.1	29.0	32.3
NET FARM INCOME 3/	623.6	680.8	600.5	721.8	491.1
Gross receipts of farms	2,008.2	2,000.9	1,912.8	2,116.6	2,012.0
Farm production expenses	1,394.4	1,327.1	1,323.3	1,408.3	1,532.6
Nonfactor payments	1,009.4	975.9	989.0	1,077.4	1,128.3
Intermediate product expenses	918.3	883.4	896.8	983.2	1,031.1
Capital consumption	65.3	67.2	66.1	66.1	66.1
Property taxes	25.8	25.4	26.1	28.0	31.2
Factor payments	385.1	351.2	334.3	330.9	404.3
Interest	157.5	144.8	129.9	87.6	106.9
Contract and hired labor expenses	205.1	184.1	179.0	216.0	266.4
Net rent to nonoperator landlords 2/	22.5	22.3	25.4	27.3	31.0
RETURNS TO OPERATORS 4/	613.8	673.5	589.4	707.9	479.0
Gross cash income	2,020.8	1,910.9	1,939.1	2,117.8	2,022.0
Cash expenses	1,318.3	1,247.2	1,249.8	1,334.2	1,459.0
Cash expenses, excluding net rent	1,293.7	1,222.7	1,222.2	1,304.8	1,425.8
Intermediate product expenses	918.3	883.4	896.8	983.2	1,031.1
Interest	157.5	144.8	129.9	87.6	106.9
Cash labor expenses	192.2	169.2	169.4	206.0	256.7
Property taxes	25.8	25.4	26.1	28.0	31.2
Net rent to nonoperator landlords 5/	24.6	24.5	27.5	29.4	33.1
NET CASH INCOME	702.5	663.7	689.3	783.6	563.1
Gross cash income	2,020.8	1,910.9	1,939.1	2,117.8	2,022.0
Farm business expenses	1,381.5	1,312.2	1,313.7	1,398.2	1,522.9
Cash expenses, excluding net rent	1,293.7	1,222.7	1,222.2	1,304.8	1,425.8
Net rent to nonoperator landlords 2/	22.5	22.3	25.4	27.3	31.0
Capital consumption	65.3	67.2	66.1	66.1	66.1
NET BUSINESS INCOME	639.3	598.7	625.4	719.6	499.1

1/ Value added to gross income. Net 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.

GOVERNMENT PAYMENTS: By program, Arizona, 1989-93

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

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.

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, 1989-93

Item	1989	1990	1991	1992	1993
			Million dollars		
FARM ASSETS	9,894.1	10,697.5	11,224.1	11,311.2	11,345.9
Real estate	8,673.3	9,448.6	9,963.2	10,016.1	10,047.1
Livestock and poultry 1/	518.4	551.7	560.9	569.8	557.1
Machinery and motor vehicles 2/	432.4	423.5	443.6	445.6	444.8
Crops 3/	43.0	39.6	25.3	29.6	29.9
Purchased inputs	31.5	30.8	25.8	36.7	31.8
Financial	195.4	203.2	205.4	213.3	235.2
FARM DEBT	1,564.0	1,383.2	1,286.1	1,172.4	1,197.2
By purpose:					
Real estate	646.6	578.0	552.1	505.3	496.7
Nonreal estate 4/	917.3	805.2	734.1	667.1	700.5
By lender:					
Farm Credit System	276.2	224.3	199.5	173.4	173.5
Farmers Home Administration	193.0	155.8	150.3	139.5	134.2
Commercial Banks	647.2	525.4	440.3	367.7	388.8
Life Insurance companies	163.5	195.4	206.5	195.1	186.2
Individuals and others 5/	284.1	282.4	289.6	296.6	314.6
EQUITY	8,330.1	9,314.3	9,937.9	10,138.8	10,148.7
RATIOS			Percent		
Debt/equity	18.8	14.8	12.9	11.6	11.8
Debt/assets	15.8	12.9	11.5	10.4	10.6

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, 1989-93

Year	Farm Credit System	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	Total debt 1/
			Million dollars			
1989	112	60	164	178	132	647
1990	105	50	195	102	125	578
1991	101	50	207	67	129	552
1992	94	46	195	37	133	505
1993	92	45	186	35	139	497

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, 1989-93

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			
1989	469	164	133	766	152	917	47
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	81	89	524	176	701	35

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 1995 at 7,400 is the same as for the past 2 years. Land in Arizona farms at 35.4 million acres is also unchanged from that of 1994 but down 100,000 acres from 1993. 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 up slightly in 1995 to 2,073,320. This is the first time since 1981 that farm numbers have increased from the previous year and is due to the increase in small farms. The top six states in number of farms are: 1) Texas - 202,000; 2) Missouri - 106,000; 3) Iowa - 100,000; 4) Kentucky - 89,000; 5) Minnesota - 87,000; 6) Tennessee - 82,000. Seventeen states showed increases in the number of farms from 1994 to 1995; thirteen showed declines and twenty remained the same.

Land in farms in the United States also decreased nominally to 972.25 million acres. The top six states in land in farms are 1) Texas - 129.0 million acres; 2) Montana - 59.7; 3) Kansas - 47.8; 4) Nebraska - 47.1; 5) New Mexico and South Dakota - 44.0.

The average size farm in the United States at 469 acres, is down for the first time in 15 years. The top five states in farm size are 1) Arizona - 4,784 acres; 2) Wyoming - 3,761; 3) Nevada - 3,520; 4) New Mexico - 3,259; 5) Montana - 2,714. The 5 states with the smallest average size farm are: 1) Rhode Island - 90 acres; 2) New Jersey - 94; 3) Massachusetts - 98; 4) Connecticut - 100; 5) Tennessee - 146 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, 1988-95

State	1988	1989	1990	1991	1992	1993	1994	1995
				Number				
ARIZONA	8,100	8,000	7,800	7,600	7,500	7,400	7,400	7,400
California	84,000	84,000	85,000	83,000	82,000	79,000	79,000	80,000
Colorado	27,300	27,000	26,500	26,000	25,500	25,500	25,300	25,000
Idaho	22,500	22,100	21,800	21,400	21,000	20,500	20,500	21,500
Montana	24,600	24,700	24,700	24,700	24,300	23,800	22,500	22,000
Nevada	2,600	2,500	2,500	2,500	2,500	2,400	2,400	2,500
New Mexico	14,000	14,000	13,500	13,500	13,500	13,500	13,500	13,500
Oregon	36,500	37,000	36,500	37,000	37,500	37,500	38,000	38,500
Texas	192,000	194,000	196,000	197,000	198,000	200,000	200,000	202,000
Utah	13,300	13,000	13,200	13,300	13,200	13,000	13,000	13,400
Washington	38,000	38,000	37,000	37,000	37,000	36,000	36,000	36,000
Wyoming	8,900	8,900	8,900	9,000	9,200	9,200	9,200	9,200
UNITED STATES	2,200,940	2,174,520	2,145,820	2,116,760	2,107,840	2,083,430	2,064,720	2,073,320

LAND IN FARMS AND RANCHES: Selected State, 1988-95

State	1988	1989	1990	1991	1992	1993	1994	1995	Average size of farms and ranches 1995
				1,000 acres					Acres
ARIZONA	36,500	36,000	36,200	35,800	35,600	35,500	35,400	35,400	4,784
California	31,600	31,300	30,800	30,500	30,200	30,000	29,900	30,000	375
Colorado	33,700	33,500	33,100	32,800	32,800	32,800	32,700	32,700	1,308
Idaho	13,700	13,700	13,700	13,500	13,500	13,500	13,500	13,500	628
Montana	60,700	60,600	60,500	60,300	60,000	59,800	59,700	59,700	2,714
Nevada	8,900	8,900	8,900	8,900	8,900	8,900	8,800	8,800	3,520
New Mexico	44,500	44,500	44,500	44,300	44,200	44,200	44,200	44,000	3,259
Oregon	17,800	17,800	17,800	17,800	17,500	17,500	17,500	17,500	455
Texas	132,000	132,000	132,000	131,000	130,000	130,000	129,000	129,000	639
Utah	11,300	11,300	11,300	11,300	11,300	11,200	11,100	11,100	828
Washington	16,000	16,000	16,000	16,000	16,000	16,000	15,800	15,800	439
Wyoming	34,800	34,800	34,700	34,700	34,600	34,600	34,600	34,600	3,761
UNITED STATES	994,423	990,723	986,850	981,736	978,503	976,463	973,403	972,253	469

CATTLE AND CALVES

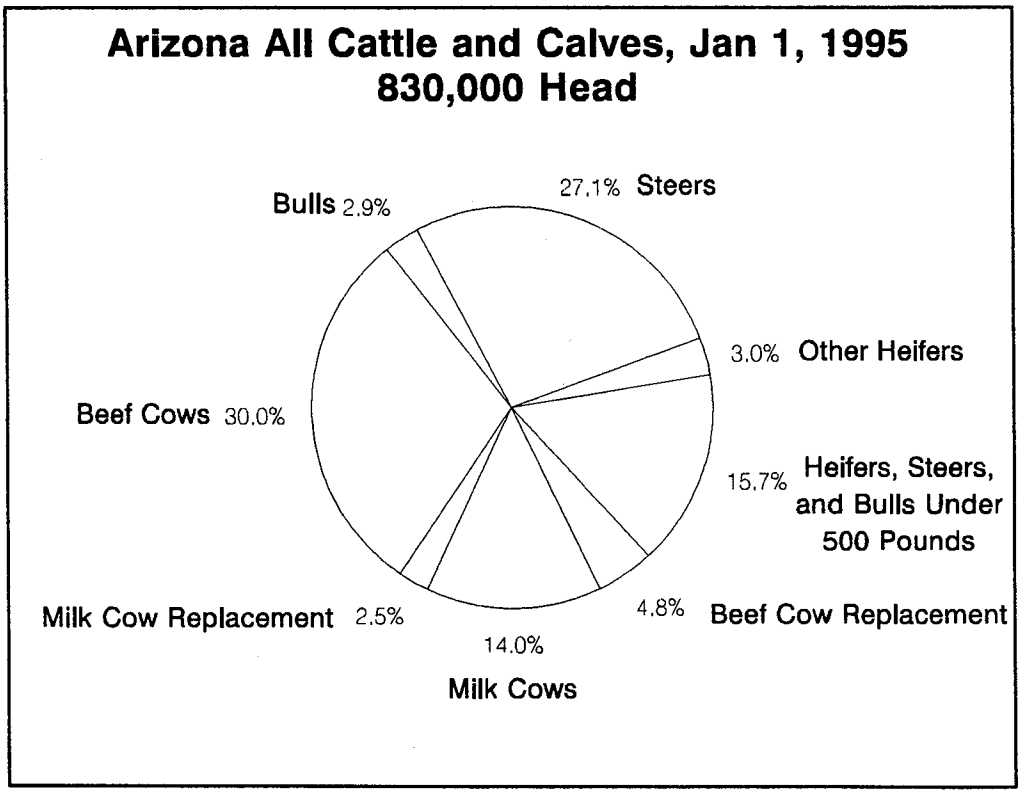
Arizona's inventory of cattle and calves taken on January 1, 1995 was estimated at 830,000 head valued at just over $506 million, down 40,000 head and down $24.4 million from January 1, 1994. The 1994 calf crop of 300,000 head was at the same level as in 1993.

Monthly beef cattle prices varied by $10.90 per hundredweight during 1994, from a low of $59.70 in October to a high of $70.60 in March. The marketing year average price for beef cattle decreased $7.00 per hundredweight to $65.20. The average price for cows fell $4.10 per hundredweight to $39.20. The average steer and heifer price fell $7.20 to $68.70 and the average calf price fell $7.70 to $88.90 per hundredweight.

Cattle and calf marketings declined 13 percent to just under 700 million pounds with a corresponding decrease in gross income of 21 percent to $470.6 million.

Arizona's feedlots marketed 377,000 head during 1994, virtually the same as in 1993. As of April 1, 1995, there were 192,000 head of cattle and calves on feed for the slaughter market in Arizona. Of these, 174,000 were steers and steer calves and 18,000 were heifers and heifer calves.

Arizona's 26 livestock slaughtering establishments produced 271.6 million pounds of red meat during 1994, up 9 percent from the 1993 slaughter. Over 398,000 head of cattle were slaughtered, up 8 percent from 1993.



LIVESTOCK SUMMARY: Inventory and value, Arizona and United States 1993-95

Specie and class	Inventory 1/			Value 2/		
	1993	1994	1995	1993	1994	1995
	1,000 head			1,000 dollars		
ARIZONA						
CATTLE AND CALVES 3/	890	870	830	542,900	530,700	506,300
Beef cows that have calved	284	259	249			
Milk cows that have calved	96	106	116			
Beef cow replacement heifers	44	41	40			
Milk cow replacement heifers	20	17	21			
Other heifers 500 pounds and over	16	19	25			
Steers 500 pounds and over	230	240	225			
Bulls 500 pounds and over	27	22	24			
Calves under 500 pounds	173	166	130			
Cattle on feed 4/	233	225	210			
HOGS 5/	106	140	170	9,646	12,040	10,370
Breeding hogs	15	17	18			
Market hogs	91	123	152			
Under 60 pounds	35	59	50			
60-119 pounds	25	24	36			
120-179 pounds	18	22	35			
180 pounds and over	13	18	31			
SHEEP AND LAMBS 3/	205	6/ 200	145	17,630	16,400	12,470
Breeding sheep and lambs	8/	7/ 110	88			
Ewes one year old and older		95	70			
Rams one year old and older		5	3			
Replacement Lambs under one year old		7/ 10	15			
Market sheep and lambs	8/	7/ 50	57			
Market lambs		8/	55			
Under 65 pounds			15			
65-84 pounds			16			
85-104 pounds			22			
105 pounds and over			2			
Market sheep		8/	2			
GOATS 3/						
Angora goats	88	82	52	3,520	2,624	1,820
CHICKENS 5/	410	350	9/	943	805	9/
Hens and pullets of laying age	395	340	9/			
UNITED STATES						
CATTLE AND CALVES 3/	99,176	100,988	103,265	64,436,369	66,490,025	63,583,416
Beef cows that have calved	33,365	34,650	36,051			
Milk cows that have calved	9,658	9,528	9,532			
Beef cow replacement heifers	6,092	6,365	6,480			
Milk cow replacement heifers	4,176	4,144	4,121			
Other heifers 500 pounds and over	8,550	9,068	9,294			
Steers 500 pounds and over	16,940	17,042	17,132			
Bulls 500 pounds and over	2,278	2,307	2,388			
Calves under 500 pounds	18,117	17,884	18,267			
Cattle on feed 4/	12,789	13,034	12,450			
HOGS 5/	58,202	57,904	59,612	4,146,646	4,337,599	3,172,299
Breeding hogs	7,109	7,165	6,956			
Market hogs	51,093	50,739	52,657			
Under 60 pounds	19,122	19,173	19,333			
60-119 pounds	12,846	12,659	13,047			
120-179 pounds	10,420	10,212	10,941			
180 pounds and over	8,705	8,695	9,336			
SHEEP AND LAMBS 3/	10,201	6/ 9,742	8,895	714,163	681,384	664,065
Breeding sheep and lambs	8/	7/ 7,233	6,440			
Ewes one year old and older		5,804	5,304			
Rams one year old and older		302	258			
Replacement lambs under one year old		7/ 1,127	878			
Market sheep and lambs	8/	8/	2,455			
Market lambs			2,352			
Under 65 pounds			588			
65-84 pounds			420			
85-104 pounds			785			
105 pounds and over			559			
Market sheep			103			
GOATS 3/						
Angora goats	1,805	1,727	1,386	79,000	60,104	60,250
CHICKENS 5/	371,483	379,640	383,779	838,200	898,059	902,097
Hens and pullets of laying age	284,500	290,626	298,509			

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 not available. 9/ Not published to avoid disclosure of individual operations.

ALL CATTLE AND MILK COWS: Number of operations and inventory, Arizona and United States January 1, 1988-95 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
1988	4,600	960	550	90	1,353,510	99,622	216,130	10,311
1989	4,400	880	500	92	1,319,390	96,740	202,890	10,137
1990	4,400	830	500	91	1,283,980	95,816	192,660	10,015
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	4,700	870	400	106	1,219,250	100,988	149,990	9,528
1995	2/	830	2/	116	2/	103,265	2/	9,532

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, 1996.

ALL CATTLE AND CALVES: Number on farms and value, Arizona, January 1, 1991-95

Year	All cattle and calves	Cows		Heifers 500 lbs and over			Steers 500 lbs and over	Bulls 500 lbs and over	Heifers, steers and bulls under 500 lbs	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.
1991	840	249	96	45	20	13	235	26	156	620	520,800
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	830	249	116	40	21	25	225	24	130	610	506,300

ALL CATTLE AND CALVES: Inventory, supply, and disposition, Arizona 1990-95

Year	Inventory January 1	Calf crop	Inshipments	Marketings 1/		Farm slaughter 2/	Deaths	
				Cattle	Calves		Cattle	Calves
				1,000 head				
1990	830	290	520	630	102	3	30	35
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	578	139	3	30	30
1995	830							

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, 1990-94

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.		
1990	470,750	688,890	71.70	91.90	343,121	499,831	3,298	503,129
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	480,035	699,625	65.20	88.90	321,357	467,599	2,996	470,595

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, 1991-95 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	
1991	55	1991	13	1991	40
1992	55	1992	12	1992	47
1993	52	1993	11	1993	54
1994	59	1994	9	1994	55
1995	56	1995	11	1995	50
COCHISE		LA PAZ		PINAL	
1991	63	1991	2	1991	162
1992	66	1992	2	1992	179
1993	79	1993	3	1993	182
1994	75	1994	4	1994	171
1995	82	1995	3	1995	155
COCONINO		MARICOPA		SANTA CRUZ	
1991	50	1991	158	1991	17
1992	58	1992	167	1992	20
1993	51	1993	139	1993	18
1994	54	1994	166	1994	15
1995	48	1995	185	1995	13
GILA		MOHAVE		YAVAPAI	
1991	32	1991	20	1991	60
1992	33	1992	24	1992	60
1993	30	1993	20	1993	64
1994	25	1994	19	1994	59
1995	19	1995	15	1995	46
GRAHAM		NAVAJO		YUMA	
1991	40	1991	45	1991	83
1992	38	1992	44	1992	95
1993	35	1993	39	1993	113
1994	28	1994	31	1994	100
1995	25	1995	28	1995	94
ARIZONA					
1991	840				
1992	900				
1993	890				
1994	870				
1995	830				

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

MILK COWS: Number on farms, Arizona, by counties, January 1, 1991-95

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	
1991	82	1991	8	1991	6
1992	82	1992	8	1992	6
1993	84	1993	7	1993	5
1994	91	1994	9	1994	6
1995	100	1995	9	1995	7
ARIZONA					
1991	96				
1992	96				
1993	96				
1994	106				
1995	116				

CATTLE AND CALVES: Number on feed, placements, marketings, and other disappearance, Arizona 1990-94

Month	1990	1991	1992	1993	1994
			1,000 head		
JANUARY					
Number on feed January 1	253	232	217	233	225
Placed on feed during January	26	26	20	26	23
Marketed during January	24	27	20	39	30
Other disappearance during January	9	3	4	5	1
FEBRUARY					
Number on feed February 1	246	228	213	215	217
Placed on feed during February	18	20	17	22	16
Marketed during February	25	26	20	31	31
Other disappearance during February	5	3	5	5	1
MARCH					
Number on feed March 1	234	219	205	201	201
Placed on feed during March	22	18	26	31	25
Marketed during March	33	34	26	35	33
Other disappearance during March	10	2	2	1	1
APRIL					
Number on feed April 1	213	201	203	196	192
Placed on feed during April	22	17	30	31	31
Marketed during April	34	30	30	37	40
Other disappearance during April	5	3	5	1	2
MAY					
Number on feed May 1	196	185	198	189	181
Placed on feed during May	22	27	34	41	30
Marketed during May	36	36	44	46	39
Other disappearance during May	10	11	2	1	2
JUNE					
Number on feed June 1	172	165	186	183	170
Placed on feed during June	25	17	34	25	20
Marketed during June	34	31	37	33	40
Other disappearance during June	3	4	16	2	1
JULY					
Number on feed July1	160	147	167	173	149
Placed on feed during July	30	22	27	23	24
Marketed during July	30	29	29	27	30
Other disappearance during July	2	2	5	1	0
AUGUST					
Number on feed August 1	158	138	160	168	150
Placed on feed during August	35	24	36	30	41
Marketed during August	26	26	27	27	37
Other disappearance during August	2	2	1	2	1
SEPTEMBER					
Number on feed September 1	165	134	168	169	146
Placed on feed during September	39	36	39	43	40
Marketed during September	20	18	26	22	26
Other disappearance during September	4	1	1	1	0
OCTOBER					
Number on feed October 1	180	151	180	189	160
Placed on feed during October	46	59	58	59	58
Marketed during October	20	15	23	26	23
Other disappearance during October	2	2	1	1	1
NOVEMBER					
Number on feed November 1	204	193	214	221	194
Placed on feed during November	42	52	43	43	44
Marketed during November	17	16	22	29	23
Other disappearance during November	5	2	1	8	1
DECEMBER					
Number on feed December 1	224	227	234	227	214
Placed on feed during December	28	21	24	25	25
Marketed during December	14	18	24	26	25
Other disappearance during December	6	13	1	1	4

CATTLE ON FEED: Number of feedlots and marketings by size of feedlot capacity, Arizona, 1990-94

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
1990	6	11	5	99	3	203	14	313
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

FED CATTLE MARKETED FOR SLAUGHTER: Arizona, by counties, 1990-94

Year	Maricopa	Pinal	Yuma	Total
		1,000 head		
1990	28	172	113	313
1991	12	195	99	306
1992	5	209	114	328
1993	10	239	129	378
1994	15	251	111	377

ALL CATTLE: Monthly and marketing year average prices received by producers, Arizona 1990-94

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing year average
							Dollars per cwt						
							ALL BEEF CATTLE 1/						
1990	68.60	69.20	74.20	69.20	70.20	70.70	71.50	73.90	73.40	71.40	72.30	74.50	71.70
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
							STEERS AND HEIFERS						
1990	75.80	77.20	77.30	77.10	75.80	73.70	73.70	77.20	77.00	77.70	78.00	77.50	76.50
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
							CALVES						
1990	88.90	91.40	96.00	94.80	95.40	86.70	90.50	93.50	91.70	88.40	91.40	93.10	91.90
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
							COWS						
1990	48.00	54.80	53.00	51.50	52.10	47.80	49.90	55.10	53.80	51.20	47.30	50.20	51.30
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

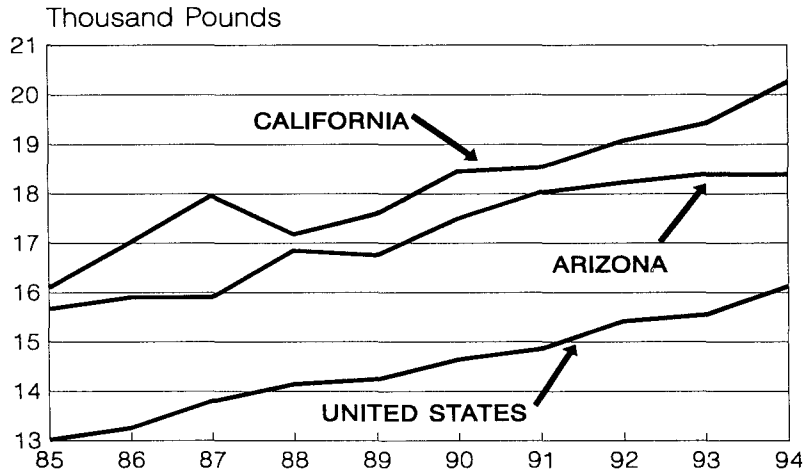
1/ Includes steers and heifers, and cows.

DAIRY

The average number of milk cows maintained by Arizona's dairy operations increased 14,000 to reach 116,000 head during 1994. As of January 1, 1995 the number of milk cows totaled 116,000, up 10,000 head from January 1, 1994. Milk production per cow during 1994 was 18,397 pounds, virtually the same as last year.

Total milk production totaled 2.13 billion pounds in 1994, an increase of 14 percent from 1993. Producer cash receipts from milk rose to 278.5 million dollars brought on mainly by the increase of total production. The average returns per 100 pounds of milk in 1994 was $13.10, the same as in 1993.

Milk Production Per Cow For Arizona, California, And United States, 1985-1994



DAIRY: Milk cows and milk production, Arizona, quarterly, 1990-94

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				
1990	92	94	95	96	94	439	432	360	414	1,645
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	558	569	472	534	2,133

DAIRY: Milk cows, production of milk and milkfat, and value, Arizona 1990-94

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.
1990	94	17,500	630	3.60	1,645	59.2	231,945
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

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, 1990-94

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			
1990	8	2	10	1,635	1/	1,635
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

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

MILK PRODUCTION: Marketings and income, Arizona 1990-94

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	
1990	1,635	14.10	3.92	230,535	2	282	230,817
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

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

GRAIN AND OTHER CONCENTRATES: Quantity fed to milk cows and value, Arizona, 1990-94 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
1990	394	8,370	48	7.36	3.53
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

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

DAIRY PLANTS: Arizona, 1990-94 1/

1990	1991	1992	1993	1994
Number				
8	7	7	7	7

1/ Plants manufacturing one or more dairy products.

ICE CREAM: Production, Arizona, monthly and annual, 1990-94

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							1,000 gallons						
1990	504	549	650	780	664	687	782	762	412	533	460	449	7,232
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

MILK SHERBET: Production, Arizona, monthly and annual, 1990-94

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							1,000 gallons						
1990	21	27	58	42	30	40	45	39	26	30	21	25	404
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

SHEEP, LAMBS AND WOOL

The National Agricultural Statistics Service recently revamped the sheep and lamb estimating program in response to requests by the American Sheep Industry Association, other data users, and individual State Statistical Offices. Inventory estimates are published now for breeding and market sheep (previously referred to as stock sheep and sheep on feed, respectively).

Arizona's sheep and lamb inventory (including new crop lambs) on January 1, 1995 was estimated at 145,000 head, down 55,000 head from January 1, 1994. Breeding sheep and lamb inventory declined 22,000 head from a year ago to 88,000 head. Market sheep and lamb inventory increased 7,000 head from 1994 to 57,000.

Sheep and lamb marketings were estimated at 17 million pounds. Average prices received by sheep operators in 1994 per hundredweight were $30.00 for sheep, down $3.50 from 1993, and $64.00 for lambs, down $1.20 from 1993. Cash receipts totaled 9.5 million dollars.

Average wool prices increased to 47 cents per pound, up from the 1993 price of 41 cents. Value of wool production was estimated at 517,000 dollars.

SHEEP: Number of operations and inventory, January 1, Arizona and United States, 1988-95 1/

Year	Arizona		United States	
	Operations	Head 2/	Operations	Head 2/
	Number	Thousand	Number	Thousand
1988	500	284	112,290	10,945
1989	450	284	109,360	10,853
1990	450	262	105,640	11,358
1991	450	235	101,190	11,174
1992	450	220	97,890	10,797
1993	450	205	93,280	10,201
1994	450	200	87,350	9,742
1995	3/	145	3/	8,895

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 1996.

SHEEP: By class, farm value and lamb crop, Arizona, January 1, 1989-95

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
1989	185.0	9.0	45.0	45.0	284.0	90.00	25,560	130.0
1990	170.0	8.0	42.0	42.0	262.0	89.00	23,318	110.0
1991	150.0	7.0	33.0	45.0	235.0	80.00	18,800	100.0
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	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 1996.

SHEEP AND LAMBS: Inventory, supply and disposition, Arizona, 1989-94

Year	Inventory January 1 1/	Lamb crop 2/	Inshipments	Marketings 3/		Farm slaughter 4/	Deaths	
				Sheep	Lambs		Sheep	Lambs
				1,000 head				
1989	284.0	130.0	71	75	114	13	9	12
1990	262.0	110.0	100	84	121	13	8	11
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	60	37	127	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, 1990-94

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.		
1990	11,800	22,180	24.00	62.10	5,855	9,933	541	10,474
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	8,120	17,140	30.00	64.00	5,027	9,460	608	10,068

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, 1991-95

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				
1991	76	0	76	12	1991	8	14	22	5
1992	68	0	68	12	1992	14	12	26	8
1993	53	0	53	13	1993	19	5	24	8
1994	43	0	43	14	1994	6	12	18	5
1995	27	0	27	3/	1995	7	15	22	3/
COCONINO					YUMA				
1991	26	0	26	5	1991	5	15	20	3
1992	23	0	23	5	1992	4	20	24	4/
1993	17	0	17	5	1993	2	35	37	4/
1994	14	0	14	5	1994	0	28	28	0
1995	13	0	13	3/	1995	1	18	19	3/
MARICOPA					OTHER COUNTIES				
1991	14	8	22	8	1991	9	8	17	3
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	3/	1995	10	1	11	3/
NAVAJO					ARIZONA				
1991	52	0	52	9	1991	190	45	235	45
1992	46	0	46	8	1992	175	45	220	45
1993	38	0	38	9	1993	150	55	205	45
1994	30	0	30	9	1994	110	50	5/ 200	40
1995	19	0	19	3/	1995	88	57	145	3/

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/ Discontinued in January 1995; included in breeding or market sheep and lambs. 4/ Included in other counties. 5/ Includes new crop lambs.

WOOL PRODUCTION AND VALUE: Arizona, 1990-94

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.
1990	228	6.8	1,550	63	977
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

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

WOOL: Monthly and marketing year average prices received by producers, Arizona, 1990-94

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing year average
						Dollars per cwt							
1990	93.00	93.00	92.00	55.00	49.00	45.00	51.00	46.00	--	44.00	50.00	42.00	63.00
1991	59.00	63.00	--	47.00	31.00	30.00	38.00	--	--	44.00	34.00	53.00	42.00
1992	69.00	77.00	--	50.00	49.00	49.00	48.00	--	--	--	49.00	56.00	56.00
1993	70.00	61.00	--	24.00	22.00	22.00	24.00	--	42.00	--	54.00	57.00	41.00
1994 1/													47.00

1/ Monthly prices discontinued.

GOATS AND MOHAIR

On January 1, 1995 Arizona's Angora goat inventory was 52,000 head, down 30,000 head from a year ago. At $35 per head, the total value of Angora goats was estimated at 1.82 million dollars. Most goats in Arizona are owned by Native Americans, with the Navajos of northeastern Arizona responsible for the majority of herds.

Average mohair prices rose significantly in 1994 to 74 cents per pound, up 42 cents. Mohair production was estimated at 200,000 pounds for a total value of 148,000 dollars.

ANGORA GOATS: Number on farms and value, Arizona, January 1, 1991-95

Year	Goats	Farm value	
		Per head	Total
	1,000 head	Dollars	1,000 dollars
1991	108	45.00	4,860
1992	98	40.00	3,920
1993	88	40.00	3,520
1994	82	32.00	2,624
1995	52	35.00	1,820

MOHAIR PRODUCTION AND VALUE: Arizona, 1990-94

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.
1990	95	4.2	400	52	208
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

GRAZING FEES: Arizona, 1991-95

Approximately 48 percent of Arizona's total area of 72,960,000 acres is federal and state public trust lands 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				
			1991	1992	1993	1994	1995
Grazing Rates on Private Land 1/	Dollars	3.65	9.22	9.66	10.03	10.20	10.30
Forage Value Index (FVI) 2/		100	253	265	275	279	282
Average Price Received for Beef Cattle per Cwt. 3/	Dollars	22.04	71.81	72.15	69.60	73.43	67.07
Beef Cattle Price Index (BCPI) 4/		100	326	327	316	333	304
Prices Paid Index (PPI) 5/		100	419	436	440	451	455
Federal Grazing Fee 6/	Dollars	(1.23)	1.97	1.92	1.86	1.98	1.61
State Grazing Fee	Dollars	(.95)	1.52	1.48	1.43	1.53	7/ 1.53

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. 1995, for example = $1.23 (282 + 304 - 455)/100 = $1.61 (federal).

7/ State grazing fees for 1995 frozen at current rate per Senate Bill 1436, pending a review by the State Grazing Fee Evaluation Committee.

HOGS AND PIGS

On December 1, 1994 Arizona's 400 hog producers had a total inventory of 170,000, up 21 percent from the previous year. Hogs for breeding increased to 18,000 head, a 6 percent increase from December 1, 1993 and market hogs increased to 152,000 head, up nearly 24 percent from a year ago. The market value of Arizona's hog inventory was $10.4 million, down 14 percent from 1993.

The total pig crop rose to just under 300,000 head, a 17 percent increase from last year. The 1994 pig crops totaled 73,000 during the December-February quarter, 84,000 head during the March-May quarter, 80,000 during the June-August quarter and 62,000 during the September-November quarter.

Marketings totaled 247,000 head in 1994, an increase of 17 percent from 1993. The gross income of the industry totaled $22.3 million, 2 percent less than in 1993. The decrease was attributed primarily to the 16 percent decrease in the average price received per hundredweight throughout 1994.

HOGS AND PIGS: Number of Operations and inventory December 1, Arizona and United States 1988-94 1/

Year	Arizona		United States	
	Operations	Head	Operations	Head
	Number	Thousand	Number	Thousand
1988	450	130	322,600	55,466
1989	440	100	300,910	53,788
1990	400	110	268,140	54,416
1991	400	100	247,090	57,649
1992	400	106	240,150	58,202
1993	400	140	225,210	57,904
1994	400	170	208,780	59,612

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, 1990-94

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.
1990	13	97	33	26	20	18	110	93.00	10,230
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

HOGS AND PIGS: Inventory, supply, and disposition, Arizona, 1990-95

Year	Inventory December 1 1/	Pig crop		Inshipments	Marketings 2/	Farm slaughter 3/	Deaths
		Dec. - May	June - Nov.				
	1,000 head						
1990	100	99	97	4	179	1	10
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						

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 1990-94

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
	Thous		Thous	Number	Thous	Thous	Number	Thous
1990	24	196	6.0	8.3	50	6.0	8.2	49
1991	23	183	5.0	7.7	39	6.0	7.9	47
1992	24	199	5.0	8.0	40	6.0	8.3	50
1993	31	256	6.0	8.4	50	8.0	8.9	71
1994	38	299	10.0	7.3	73	10.0	8.4	84

Year 1/	June - August			September - November		
	Sows farrowed	Pigs per litter	Pig crop	Sows farrowed	Pigs per litter	Pig crop
	Thous	Number	Thous	Thous	Number	Thous
1990	6.0	8.2	49	6.0	8.0	48
1991	6.0	8.2	49	6.0	8.0	48
1992	7.0	8.5	60	6.0	8.1	49
1993	9.0	8.2	74	8.0	7.6	61
1994	10.0	8.0	80	8.0	7.7	62

1/ December 1 previous year through November current year.

HOGS AND PIGS: Production and income, Arizona 1990-94

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.		
1990	37,560	36,150	54.60	20,353	19,738	273	20,011
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	64,605	59,040	37.50	23,898	22,140	180	22,320

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, 1990-94

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**	
1990	9	1990	13	1990	6
1991	8	1991	13	1991	6
1992	8	1992	9	1992	6
1993	7	1993	12	1993	1/
1994	3	1994	11	1994	1/
GRAHAM		**NAVAJO**		**OTHER COUNTIES**	
1990	9	1990	70	1990	3
1991	8	1991	63	1991	2
1992	8	1992	73	1992	2
1993	7	1993	108	1993	6
1994	5	1994	145	1994	6
ARIZONA					
1990	110				
1991	100				
1992	106				
1993	140				
1994	170				

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

MEAT PRODUCTION

LIVESTOCK SLAUGHTERING ESTABLISHMENTS: Arizona, January 1, 1991-1995

Year	Under Federal Inspection	Other 1/	Total
		Number	
1991	3	19	22
1992	3	19	22
1993	3	18	21
1994	3	24	27
1995	3	23	26

1/ Includes State inspected and custom-exempt plants.

RED MEAT PRODUCTION: Arizona, 1990-94 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 2/
							1,000 pounds						
1990	21,131	15,855	18,613	18,352	20,652	21,390	19,753	18,336	15,648	18,750	18,515	19,387	226,382
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

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, 1990-94

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
							Number						
1990	32,500	24,500	28,500	27,800	31,300	32,600	31,600	27,700	23,800	28,100	27,500	28,200	344,200
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
							1,000 lbs liveweight						
1990	34,885	25,788	30,231	29,486	32,732	33,818	31,137	28,507	24,210	29,079	28,930	30,191	358,994
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

1/ Numbers may not add due to rounding.

COMMERCIAL HOG SLAUGHTER: Arizona, 1990-94

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
							Number						
1990	1,200	1,000	1,500	1,500	1,100	1,000	800	900	1,100	1,100	1,300	1,200	13,600
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
							1,000 lbs liveweight						
1990	277	243	362	345	257	234	209	226	259	286	294	281	3,273
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

1/ Numbers may not add due to rounding.

COMMERCIAL SHEEP SLAUGHTER: Arizona, 1990-94

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
							Number						
1990	100	200	200	300	0	0	0	100	200	100	100	100	1,500
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	*	*	*	*	*	*	*	*
							1,000 lbs liveweight						
1990	11	16	26	33				12	18	12	11	8	168
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								

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

1/ Numbers may not add due to rounding.

POULTRY

CHICKENS ON FARMS: Inventory by class, Arizona, December 1, 1990-94 1/

Year	All chickens	Hens and pullets of laying age			Pullets 3 months and over and not of laying age	Pullets under three months	Other chickens	Value per head	Total value
		Hens one year and over	Pullets	Total					
		1,000 birds						Dollars	1,000 dol.
1990	320	250	60	310	3	3	4	2.60	832
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/									

1/ Does not include commercial broilers. 2/ Inventory and value not published to avoid disclosure of individual operations.

CHICKENS: Lost, sold, and value of sales, Arizona, 1990-94 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.
1990	43	165	660	6.0	40
1991	42	143	572	3.0	17
1992	57	181	724	2.0	14
1993	38	104	416	2.6	11
1994	37	123	492	3.0	15

1/ December 1 previous year through November 30; excludes broilers. 2/ Includes death and other losses.

LAYERS: Quarterly inventory, Arizona, 1990-94 1/

Year	Layers				
	December - February	March - May	June - August	September - November	Average number during year
	1,000 birds				
1990	340	365	353	325	345
1991	340	380	370	335	356
1992	345	353	353	383	358
1993	395	370	333	330	356
1994 2/					296

1/ December 1 previous year through November 30 current year. 2/ Quarterly inventory discontinued.

EGGS: Production and value, Arizona, 1990-94 1/

Year	Eggs produced					Price per dozen	Value of production
	December - February	March - May	June - August	September - November	Annual total		
	Million					Cents	1,000 dol.
1990	22	24	20	15	81	61.0	3,711
1991	22	24	20	20	86	56.0	3,967
1992	24	20	18	23	85	49.7	3,520
1993	26	24	18	20	88	50.6	3,711
1994 2/					81	49.1	3,314

1/ December 1 previous year though November 30 current year. 2/ Quarterly number of eggs produced not published to avoid disclosure of individual operations.

HONEY

Arizona's 1994 honey production was estimated at 2.77 million pounds, down thirty-five percent from last year and the lowest production since 1978. Average yield from the estimated 47,000 colonies was 59 pounds, a decrease of eighteen pounds from a year ago.

Prices for the 1994 honey crop averaged 51 cents per pound, down one cent from last year. The value of honey produced by Arizona apiarists was estimated at 1.41 million dollars, a decrease of $788,000 from 1993.

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 only included if some honey was removed for human consumption.

HONEY: Number of colonies, yield, production, and value, Arizona, 1986-94 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.
1986	84	50	4,200	52	2,184
1987	80	47	3,760	52	1,955
1988	80	49	3,920	49	1,921
1989	78	45	3,510	55	1,931
1990	67	48	3,216	49	1,576
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

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.

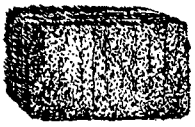
An Arizona Africanized Honey Bee Advisory Committee has been appointed by the Arizona Department of Agriculture to provide information about the Africanized honey bee. Steps being taken to ready Arizona for this influx include establishment of regulations, maintenance of both wild and domestic European honey bee colonies, governmental monitoring, and training rescue teams to respond to Africanized honey bee emergencies. In addition, research is being conducted in the state.

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 or the Arizona Africanized Honey Bee Advisory Committee.

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

FIELD CROP HIGHLIGHTS



ALFALFA ACREAGE, YIELD UP: Arizona alfalfa growers had the highest yield in the nation once again this year with 7.5 tons harvested from 160,000 acres, higher than in the past few years. The State had 35,000 acres of other hay with a yield of 3.6 tons per acre, which was also the best in the nation, but unchanged from last year. Sheeping off was light most all season with little insect, disease, or weather problems. By the end of April harvest was very active. Prices for alfalfa increased to $102 per ton while other hay prices decreased to $68 per ton.

BARLEY YIELD DOWN: Barley acreage increased again this past year to 33,000 harvested acres, but yield decreased once again to 4,560 pounds per acre. Although down, this yield was well above the national average, and led all states. Prices improved from last year to $118.8 per ton.

CORN ACREAGE INCREASES: Corn planted acreage in the State increased 47 percent to 28,000 acres. Of that amount an estimated 13,000 acres was cut for silage, due in part to larger dairy numbers. Yield were 9,520 pounds for grain, and 28 tons for silage. Grain yield was higher than last year and tied for second highest State yield in the nation. Silage yield was once again the best in the nation.

COTTON YIELD SURPASSES CALIFORNIA: Both upland and Pima acreage decreased again this past year. The season started incredibly well, but water stress started being reported by the first week of July. Above normal night temperatures were being reported most all summer. By the first week of September fruit retention was being questioned in most areas. Ginning was well underway by the first of October. Yield, although less than anticipated, was very similar to 1993. Upland cotton yielded 1,203 pounds per acre from 312,000 acres, the nations highest yield. Pima yield was higher than the past few years, but was behind California, Texas, and New Mexico. From 47,900 acres Arizona produced a yield of 806 pounds per acre.

DURUM WHEAT ACREAGE UP 73 PERCENT: The State's Durum wheat planted acreage exploded to 95,000 acres this past year, but was well below the record of 319,000 acres in 1976. Yield for Arizona growers was 5,460 pounds per acre, slightly less than California but well above northern growing regions. Other wheat acreage continued to decline, in part due to the increase of Durum. Yield for other wheat, however, led the nation with 5,640 pounds per acre, which was unchanged from the previous year. Prices were up for both Durum and other wheat. Durum brought $145 per ton and other wheat brought $115 per ton.

CROP SUMMARY: Acreage harvested, production, and value, Arizona and United States, 1992-94

Crop	Acres harvested			Production				Value		
	1992	1993	1994	Unit	1992	1993	1994	1992	1993	1994
	1,000 acres				Thousands			1,000 dollars		
ARIZONA										
Upland cotton	323.0	315.0	312.0	Bales	725.0	790.0	782.0	184,440	220,315	269,508
American-Pima cotton	102.0	56.9	47.9	Bales	138.0	87.0	80.4	51,402	38,252	38,978
All cotton	425.0	371.9	359.9	Bales	863.0	877.0	862.4	235,842	258,567	308,486
Cottonseed				Tons	335.0	338.0	324.0	35,845	40,222	41,796
Alfalfa hay	150	150	160	Tons	1,095	1,110	1,200	70,080	103,785	122,400
Other hay	30	35	35	Tons	129	126	126	7,418	10,647	8,568
All hay	180	185	195	Tons	1,224	1,236	1,326	77,498	114,432	130,968
Durum wheat	44	50	94	Tons	112	135	257	14,773	17,325	37,210
Other wheat	44	35	28	Tons	119	99	79	14,375	10,627	9,080
All wheat	88	85	122	Tons	231	234	336	29,148	27,952	46,290
Barley	21	29	33	Tons	53	70	75	5,733	7,540	8,935
Corn for grain	11	10	15	Tons	52	45	71	5,143	4,976	7,523
Corn for silage	5	9	13	Tons	125	243	364	3,250	8,500	9,100
Potatoes	6.1	5.5	6.3	Cwt	1,800	1,485	1,670	11,160	12,251	12,275
Head lettuce Western	45.9	47.5	50.0	Cwt	13,082	13,063	15,750	128,204	188,107	144,270
Head lettuce Other	3.4	1.9	1.6	Cwt	646	342	400	6,654	4,378	6,200
Leaf lettuce	5.3	4.5	3.5	Cwt	1,113	990	893	27,269	43,659	20,539
Romaine lettuce	2.9	3.3	4.1	Cwt	725	957	1,025	10,295	24,404	12,710
Dry onions	1.2	1.3	1.6	Cwt	450	631	688	4,418	10,342	5,308
Broccoli	7.0	8.7	9.4	Cwt	700	687	1,034	14,770	21,503	21,817
Cauliflower	7.0	6.5	5.7	Cwt	770	644	798	19,558	20,930	20,748
Carrots	1.5	1.4	2.2	Cwt	233	238	308	3,262	2,689	3,604
Cantaloups	13.2	13.6	14.4	Cwt	2,376	2,856	3,168	38,254	48,838	51,322
Honeydews	2.5	1.6	2.6	Cwt	350	320	533	5,005	6,912	9,914
Watermelons	6.6	6.5	6.8	Cwt	1,782	2,035	2,108	8,678	14,835	11,805
Grapefruit	5.9	5.9	5.9	Ctn	5,600	4,300	3,500	16,327	6,629	4,626
Lemons	15.7	16.3	16.3	Ctn	10,200	8,800	10,400	66,332	37,045	50,342
Oranges	10.4	10.6	10.6	Ctn	4,760	3,700	3,800	16,406	9,519	12,563
Tangerines	5.0	4.9	4.9	Ctn	2,400	1,900	2,000	15,080	11,959	11,233
Grapes 2/	4.5	4.3	4.4	Tons	25.0	24.0	26.0	12,488	18,066	24,430
Apples 2/	4.5	4.4	4.4	Lbs	73,000	55,000	59,000	6,059	3,654	2,773
UNITED STATES										
Upland cotton	10,863.1	12,594.4	13,155.9	Bales	15,710.2	15,764.3	19,324.3	4,081,657	4,366,534	6,638,777
American-Pima cotton	260.2	188.9	166.4	Bales	508.3	369.3	337.7	192,278	154,374	163,303
All cotton	11,123.3	12,783.3	13,322.3	Bales	16,218.5	16,133.6	19,662.0	4,273,935	4,520,908	6,802,080
Cottonseed				Tons	6,230.1	6,343.2	7,603.9	608,438	714,389	769,204
Alfalfa hay	24,070	24,723	24,222	Tons	79,140	80,305	81,398	6,388,048	6,796,665	6,851,698
Other hay	34,833	34,956	34,522	Tons	67,763	66,494	68,726	4,047,946	4,160,081	4,313,502
All hay	58,903	59,679	58,744	Tons	146,903	146,799	150,124	10,435,994	10,956,746	11,165,200
Durum wheat	2,519	2,100	2,739	Tons	2,997	2,114	2,920	306,498	321,259	454,199
Winter wheat	42,123	43,811	41,335	Tons	48,279	52,804	49,831	5,226,189	5,287,607	5,589,829
Other Spring wheat	18,119	16,801	17,697	Tons	22,728	16,975	16,867	2,477,465	2,035,871	1,962,478
All wheat	62,761	62,712	61,771	Tons	74,004	71,893	69,618	8,010,152	7,644,737	8,006,506
Barley	7,285	6,753	6,667	Tons	10,922	9,553	8,997	946,463	812,889	791,619
Corn for grain	72,077	62,921	72,917	Tons	265,348	177,421	282,885	19,723,258	16,031,861	22,631,777
Corn for silage	6,069	6,831	5,563	Tons	87,663	81,289	87,949	1/	1/	1/
Potatoes	1,315.0	1,317.0	1,376.8	Cwt	425,367	428,693	459,342	2,336,478	2,640,628	2,448,648
Head lettuce	215.1	207.9	196.4	Cwt	70,810	67,814	62,866	882,240	1,086,756	819,493
Leaf lettuce	38.4	40.7	36.9	Cwt	8,235	8,363	7,234	187,153	247,459	178,038
Romaine lettuce	20.0	23.9	23.9	Cwt	5,652	6,582	5,870	99,743	130,366	109,941
Dry onions	141.7	150.7	160.1	Cwt	54,731	57,062	63,033	629,019	813,259	602,003
Broccoli	111.4	107.2	110.6	Cwt	12,447	10,799	11,382	284,423	277,663	336,178
Cauliflower	55.3	55.6	53.4	Cwt	6,904	6,719	6,487	193,937	201,381	187,060
Carrots	106.9	103.4	105.8	Cwt	32,792	31,684	30,508	352,735	295,863	310,461
Cantaloups	109.4	108.3	103.4	Cwt	18,111	19,075	18,940	251,059	296,681	307,935
Honeydews	26.2	23.3	25.2	Cwt	4,740	3,792	4,239	63,811	68,888	69,851
Watermelons	229.5	205.4	207.9	Cwt	37,783	37,777	39,986	223,400	261,664	255,767
Grapefruit	136.6	145.7	155.0	Ctn	110,530	136,750	129,800	428,118	310,954	326,525
Lemons	62.1	62.7	61.8	Ctn	40,400	49,600	51,800	257,226	239,872	238,362
Oranges	640.1	688.2	711.9	Ctn	419,220	511,520	478,500	1,545,200	1,489,938	1,581,652
Tangerines	24.1	26.3	29.7	Ctn	12,480	11,700	14,800	104,248	83,222	94,472
Grapes 2/	745.8	759.8	766.6	Tons	6,032.4	6,017.6	5,923.2	1,848,444	2,010,054	1,800,567
Apples 2/	452.8	460.1	458.3	Lbs	10,474,300	10,604,900	10,733,100	1,431,453	1,370,384	1,323,383

1/ Not available.

2/ Utilized production.

UPLAND COTTON: Acreage, yield, production, Arizona, by counties, 1990-94 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**				
1990	0				1990	5,300	5,300	1,186	13,100
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
COCHISE					**NAVAJO**				
1990	15,400	15,200	707	22,400	1990	0			
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			
COCONINO					**PIMA**				
1990	0				1990	10,600	10,600	906	20,000
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
GILA					**PINAL**				
1990	0				1990	114,500	113,900	1,087	258,000
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
GRAHAM					**SANTA CRUZ**				
1990	7,900	7,400	1,038	16,000	1990	0			
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			
GREENLEE					**YAVAPAI**				
1990	1,000	1,000	816	1,700	1990	0			
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			
LA PAZ					**YUMA**				
1990	25,000	25,000	1,313	68,400	1990	24,600	24,600	1,171	60,000
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
MARICOPA					**ARIZONA**				
1990	145,700	145,000	1,163	351,400	1990	350,000	348,000	1,119	811,000
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

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

UPLAND COTTON: Acreage, yield, production, and value, Arizona, 1990-94 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.
1990	350,000	348,000	1,119	811,000	69.2	269,382
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	71.8	269,508

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.

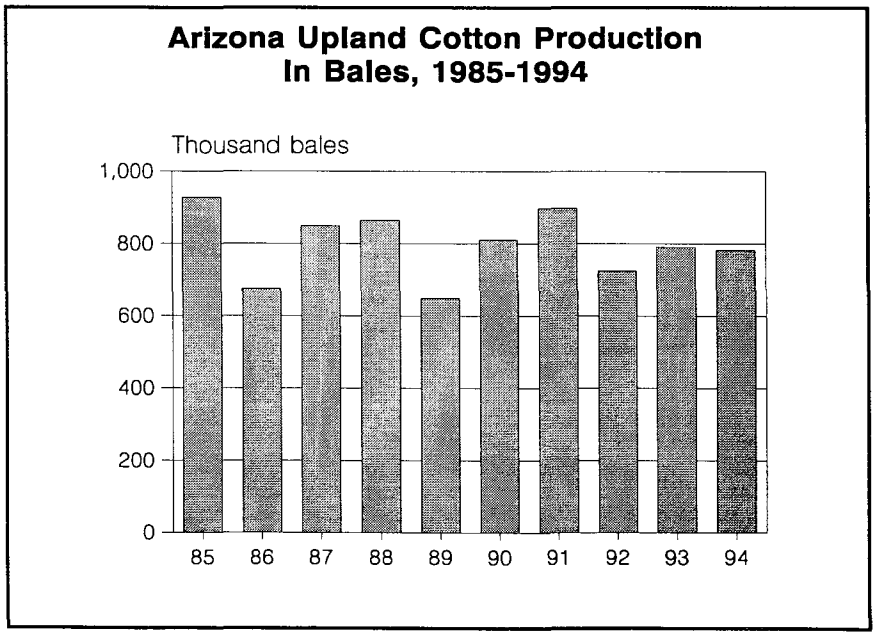
UPLAND COTTON: Farm marketings, Arizona, 1989/90-1993/94

Crop year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
						Percent						
1989/90	3.1	2.7	15.1	35.1	9.3	7.9	11.3	4.4	3.7	3.7	.7	3.0
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

UPLAND COTTON: Monthly and marketing year average prices received by growers, Arizona 1990/94-1994/95

Crop year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Marketing year average
							Cents per pound						
1990/91	51.7	68.2	67.5	69.6	70.7	65.9	68.2	71.3	72.3	73.5	71.4	1/	69.2
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	59.6	64.8	65.1	74.1	71.5	80.0	83.9	97.0	2/	2/	2/	2/	71.8

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



AMERICAN-PIMA COTTON: Acreage, yield, production, Arizona, by counties, 1990-94 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**				
1990	0				1990	500	500	480	500
1991	0				1991	*			
1992	0				1992	*			
1993	0				1993	0			
1994	0				1994	0			
COCHISE					**NAVAJO**				
1990	4,200	4,100	597	5,100	1990	0			
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			
COCONINO					**PIMA**				
1990	0				1990	3,100	3,100	650	4,200
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
GILA					**PINAL**				
1990	0				1990	65,700	65,500	755	103,000
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
GRAHAM					**SANTA CRUZ**				
1990	16,600	16,100	865	29,000	1990	*			
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			
GREENLEE					**YAVAPAI**				
1990	*				1990	0			
1991	*				1991	0			
1992	*				1992	0			
1993	*				1993	0			
1994	*				1994	0			
LA PAZ					**YUMA**				
1990	6,100	6,100	905	11,500	1990	4,000	4,000	780	6,500
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
MARICOPA					**ARIZONA**				
1990	24,500	24,300	672	34,000	1990	125,000	124,000	751	194,000
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

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

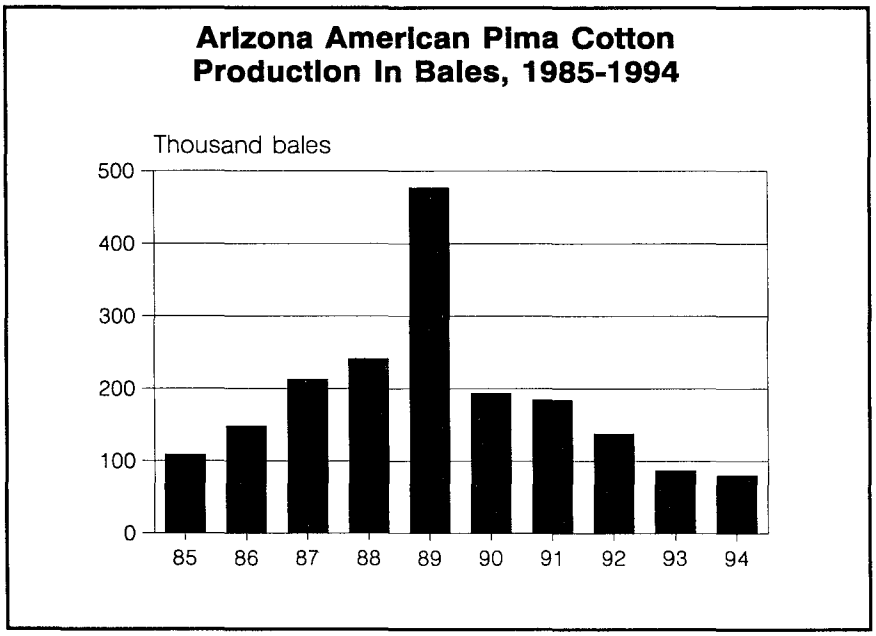
1/ Production estimates are for 480 pound net weight bales.

AMERICAN-PIMA COTTON: Acreage, yield, production, and value, Arizona, 1990-94 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.
1990	125,000	124,000	751	194,000	104.0	96,845
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	101.0	38,978

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, 1990-94 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**				
1990	0				1990	5,800	5,800	1,126	13,600
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
COCHISE					**NAVAJO**				
1990	19,600	19,300	684	27,500	1990	0			
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			
COCONINO					**PIMA**				
1990	0				1990	13,700	13,700	848	24,200
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
GILA					**PINAL**				
1990	0				1990	180,200	179,400	966	361,000
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
GRAHAM					**SANTA CRUZ**				
1990	24,500	23,500	919	45,000	1990	*			
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			
GREENLEE					**YAVAPAI**				
1990	*				1990	0			
1991	*				1991	0			
1992	*				1992	0			
1993	800	800	900	1,500	1993	0			
1994	*				1994	0			
LA PAZ					**YUMA**				
1990	31,100	31,100	1,233	79,900	1990	28,600	28,600	1,116	66,500
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
MARICOPA					**ARIZONA**				
1990	170,200	169,300	1,093	385,400	1990	475,000	472,000	1,022	1,005,000
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

** 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 1990-94 1/

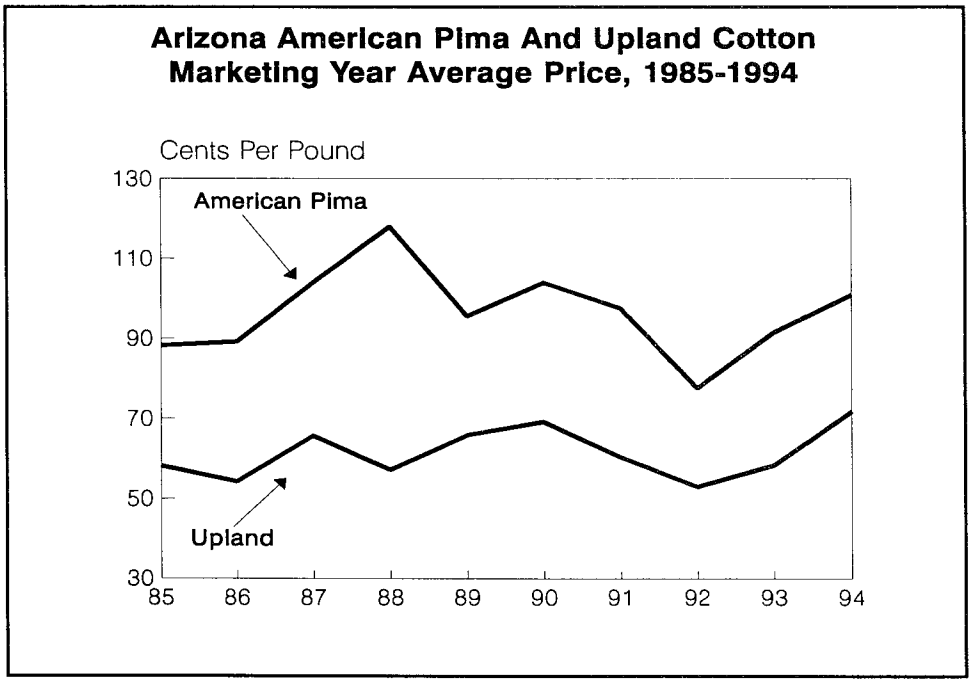
Year	Planted	Harvested	Yield per harvested acre	Production	Value of production
	Acres		Lbs	Bales	1,000 dol.
1990	475,000	472,000	1,022	1,005,000	366,227
1991	466,000	462,000	1,125	1,082,500	346,783
1992	428,000	425,000	975	863,000	235,842
1993	373,000	371,900	1,132	877,000	258,567
1994	361,000	359,900	1,150	862,400	308,486

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

COTTONSEED: Production, disposition, price, and value, Arizona 1990-94

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	
1990	380.0	194.0	186.0	4.2	136.00	51,680	26,384
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	3.5	129.00	41,796	22,446

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.



DURUM WHEAT: Acreage, yield, and production, Arizona, by counties, 1990-94

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**				
1990	*				1990	*			
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	0				1994	0			
COCHISE					**NAVAJO**				
1990	*				1990	*			
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	*				1994	0			
COCONINO					**PIMA**				
1990	*				1990	1,800	1,800	6,000	5,400
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
GILA					**PINAL**				
1990	*				1990	14,200	14,100	5,110	36,000
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
GRAHAM					**SANTA CRUZ**				
1990	*				1990	*			
1991	*				1991	*			
1992	1,000	1,000	4,500	2,250	1992	*			
1993	*				1993	*			
1994	*				1994	0			
GREENLEE					**YAVAPAI**				
1990	*				1990	*			
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	500	100	4,200	210
1994	*				1994	0			
LA PAZ					**YUMA**				
1990	3,000	3,000	6,200	9,300	1990	12,000	11,900	6,130	36,450
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
MARICOPA					**ARIZONA**				
1990	12,000	11,200	5,710	31,950	1990	45,000	44,000	5,640	124,080
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	5,250	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

** 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, 1990-94

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.
1990	45,000	44,000	5,640	124,080	121.70	15,096
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	145.00	37,210

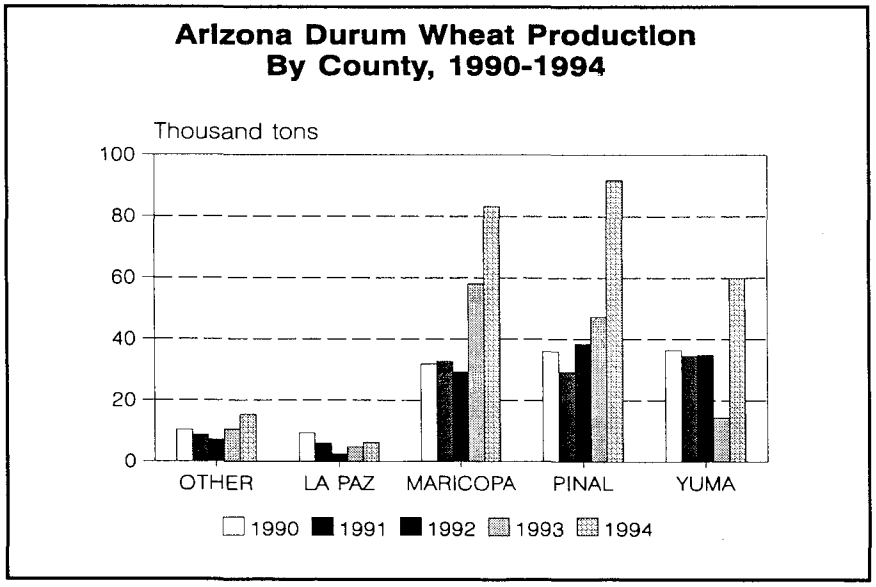
1/ Average price for the May through April marketing season. Prices do not include an allowance for loans outstanding and government purchases.
2/ Converted from 60 pound bushels and rounded.

DURUM WHEAT: Farm marketings, Arizona 1989/90-1993/94

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1989/90	10	72	6	2	1	1	1	1	2	1	1	2
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

DURUM WHEAT: Monthly and marketing year average prices received by growers, Arizona, 1990/91-1994/95

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Marketing year average
	Dollars per ton												
1990/91	120.00	124.70	120.70	--	--	--	--	--	--	--	--	--	121.70
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	--	--	--	--	--	--	--	--	145.00



OTHER WHEAT: Acreage, yield, and production, Arizona, by counties, 1990-94

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**				
1990	*				1990	*			
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	0				1994	*			
COCHISE					**NAVAJO**				
1990	*				1990	*			
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	*				1994	0			
COCONINO					**PIMA**				
1990	*				1990	600	500	4,800	1,200
1991	*				1991	500	500	4,800	1,200
1992	*				1992	500	400	4,980	1,000
1993	*				1993	*			
1994	0				1994	0			
GILA					**PINAL**				
1990	*				1990	1,500	1,500	6,000	4,500
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
GRAHAM					**SANTA CRUZ**				
1990	*				1990	*			
1991	*				1991	*			
1992	1,500	1,300	6,000	3,900	1992	*			
1993	*				1993	*			
1994	*				1994	0			
GREENLEE					**YAVAPAI**				
1990	*				1990	*			
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	700	700	3,000	1,050
1994	0				1994	0			
LA PAZ					**YUMA**				
1990	13,000	13,000	6,070	39,450	1990	21,000	20,900	5,820	60,810
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
MARICOPA					**ARIZONA**				
1990	15,100	14,900	5,460	40,680	1990	55,000	54,000	5,700	153,900
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

** 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, 1990-94

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.
1990	55,000	54,000	5,700	153,900	125.00	19,238
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	115.00	9,080

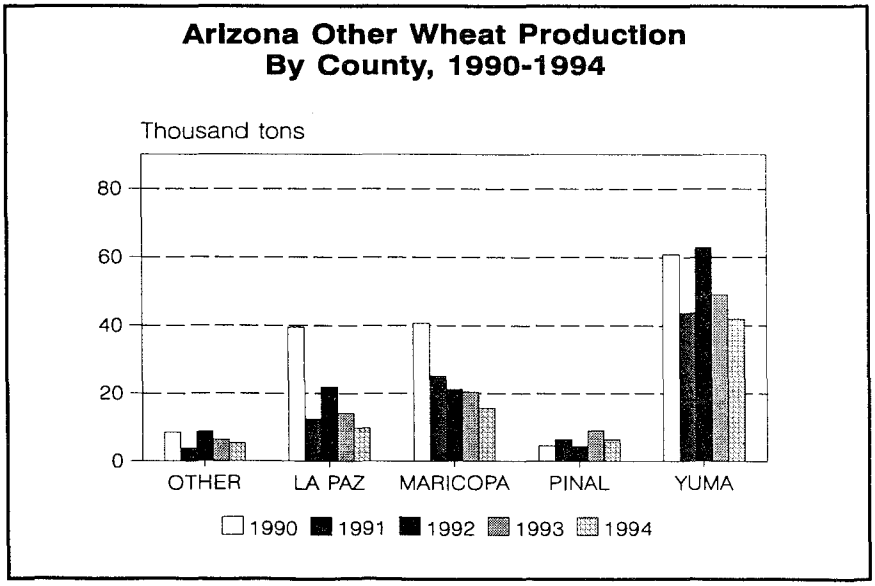
1/ Average price for the May through April marketing season. Prices do not include an allowance for loans outstanding and government purchases.
2/ Converted from 60 pound bushels and rounded.

OTHER WHEAT: Farm marketings, Arizona 1989/90-1993/94

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1989/90	1	80	10	1	1	1	1	1	1	1	1	1
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

OTHER WHEAT: Monthly and marketing year average prices received by growers, Arizona, 1990/91-1994/95

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Marketing year average
	Dollars per ton												
1990/91	--	--	--	--	--	--	--	--	--	--	--	--	125.00
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	127.00	--	--	--	--	--	--	--	115.00



ALL WHEAT: Acreage, yield, and production, Arizona, by counties, 1990-94

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**				
1990	600	500	2,760	690	1990	900	800	3,980	1,590
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	*			
COCHISE					**NAVAJO**				
1990	1,300	1,200	6,000	3,600	1990	*			
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			
COCONINO					**PIMA**				
1990	*				1990	2,400	2,300	5,740	6,600
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
GILA					**PINAL**				
1990	*				1990	15,700	15,600	5,190	40,500
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
GRAHAM					**SANTA CRUZ**				
1990	1,100	1,000	6,000	3,000	1990	*			
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			
GREENLEE					**YAVAPAI**				
1990	700	600	5,100	1,530	1990	700	600	3,400	1,020
1991	*				1991	*			
1992	*				1992	800	800	2,890	1,160
1993	*				1993	1,200	800	3,150	1,260
1994	*				1994	0			
LA PAZ					**YUMA**				
1990	16,000	16,000	6,100	48,750	1990	33,000	32,800	5,930	97,260
1991	6,000	6,000	6,000	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
MARICOPA					**ARIZONA**				
1990	27,100	26,100	5,570	72,630	1990	100,000	98,000	5,680	277,980
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

** 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, 1990-94

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.
1990	100,000	98,000	5,680	277,980	121.70	34,334
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	141.70	46,290

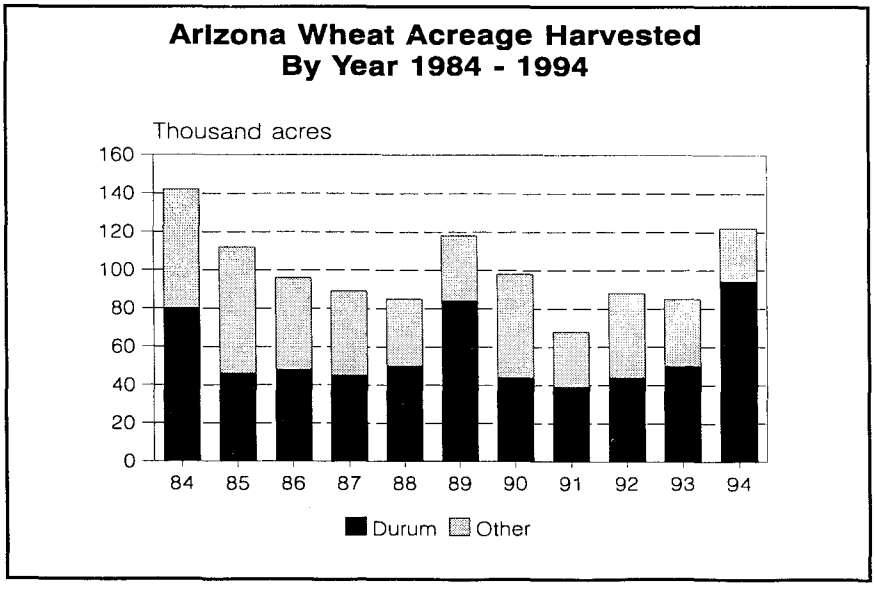
1/ Average price for the May through April marketing season. Prices do not include an allowance for loans outstanding and government purchases.
2/ Converted from 60 pound bushels and rounded.

ALL WHEAT: Farm marketings, Arizona, 1989/90-1993/94

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1989/90	10	73	5	2	1	1	1	1	2	1	1	2
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

ALL WHEAT: Monthly and marketing year average prices received by growers, Arizona, 1990/91-1994/95

Crop year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Marketing year average
	Dollars per ton												
1990/91	120.00	124.70	120.70	--	--	--	--	--	--	--	--	--	121.70
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	--	--	--	--	--	--	--	141.70



BARLEY: Acreage, yield, and production, Arizona, by counties, 1990-94

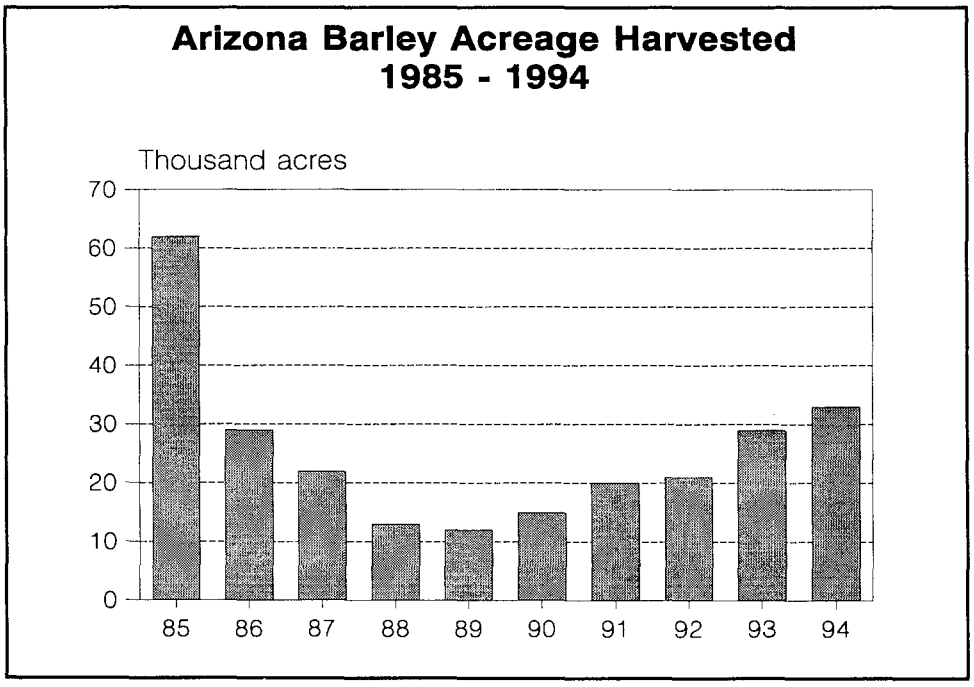
County and year	Planted for all purposes	For grain			County and year	Planted for all purposes	For grain		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs 1/	Tons 1/		Acres		Lbs 1/	Tons 1/
APACHE					**MOHAVE**				
1990	700	*			1990	0			
1991	*				1991	0			
1992	*				1992	0			
1993	*				1993	0			
1994	*				1994	0			
COCHISE					**NAVAJO**				
1990	*				1990	0			
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			
COCONINO					**PIMA**				
1990	0				1990	*			
1991	0				1991	*			
1992	0				1992	*			
1993	0				1993	*			
1994	0				1994	*			
GILA					**PINAL**				
1990	0				1990	6,400	5,900	4,410	13,020
1991	0				1991	9,600	9,100	5,960	27,120
1992	0				1992	8,700	8,000	5,200	20,810
1993	*				1993	11,300	10,800	4,950	26,710
1994	0				1994	15,300	14,900	4,410	32,880
GRAHAM					**SANTA CRUZ**				
1990	700	600	5,680	1,700	1990	*			
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			
GREENLEE					**YAVAPAI**				
1990	*				1990	*			
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	*				1994	*			
LA PAZ					**YUMA**				
1990	0				1990	1,400	1,200	5,040	3,020
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
MARICOPA					**ARIZONA**				
1990	7,300	6,800	5,570	18,930	1990	17,000	15,000	5,040	37,800
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

** 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, 1990-94

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.
1990	17,000	15,000	5,040	37,800	116.30	4,394
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

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, 1990-94

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**				
1990	*				1990	0			
1991	0				1991	0			
1992	*				1992	0			
1993	*				1993	0			
1994	0				1994	0			
COCHISE					**NAVAJO**				
1990	5,500	3,700	9,390	17,360	1990	*			
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	*			
COCONINO					**PIMA**				
1990	0				1990	*			
1991	0				1991	*			
1992	0				1992	0			
1993	0				1993	0			
1994	0				1994	0			
GILA					**PINAL**				
1990	0				1990	*			
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	*		
GRAHAM					**SANTA CRUZ**				
1990	2,500	1,500	9,820	7,360	1990	*			
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			
GREENLEE					**YAVAPAI**				
1990	500	200	5,600	560	1990	*			
1991	*				1991	*			
1992	*				1992	*			
1993	*				1993	*			
1994	*				1994	*			
LA PAZ					**YUMA**				
1990	500	500	8,960	2,240	1990	*			
1991	*				1991	0			
1992	*				1992	*			
1993	*				1993	*			
1994	*				1994	1,800	1,600	8,820	7,060
MARICOPA					**ARIZONA**				
1990	4,500	800	7,000	2,800	1990	15,000	7,000	8,960	31,360
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

** 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, 1990-94

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.
1990	15,000	7,000	8,960	31,360	112.50	3,528
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	105.40	7,523

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 1990-94

Year	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	Acres	Tons	Tons	Dol. per ton	1,000 dol.
1990	8,000	27.0	216,000	21.00	4,536
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

GRAIN STOCKS: Off farm storage facilities December 1, Arizona, 1990-94

Year	Facilities 1/	Storage capacity
	Number	Tons
1990	38	762,500
1991	36	638,500
1992	35	633,250
1993	35	633,250
1994	33	557,500

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

ON FARM HAY STOCKS: Arizona, 1990-95

Month	1990	1991	1992	1993	1994	1995
			Tons			
May 1 1/	26,000	71,000	71,000	37,000	25,000	27,000
December 1	213,000	171,000	269,000	124,000	133,000	

1/ Includes old crop only

ALFALFA HAY: Acreage, yield, and production, Arizona, by counties, 1990-94 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**			
1990	3,000	3.0	9,000	1990	7,500	8.0	60,000
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
COCHISE				**NAVAJO**			
1990	7,000	5.1	36,000	1990	2,000	2.5	5,000
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	*		
COCONINO				**PIMA**			
1990	*			1990	1,800	8.6	15,500
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	*		
GILA				**PINAL**			
1990	*			1990	11,000	8.8	97,000
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
GRAHAM				**SANTA CRUZ**			
1990	4,000	6.0	24,000	1990	500	6.0	3,000
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	*		
GREENLEE				**YAVAPAI**			
1990	*			1990	2,000	4.0	8,000
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
LA PAZ				**YUMA**			
1990	42,000	8.6	362,000	1990	35,000	9.4	330,000
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
MARICOPA				**ARIZONA**			
1990	48,000	7.3	350,000	1990	165,000	7.9	1,304,000
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

** 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, 1990-94 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**			
1990	1,200	2.5	3,000	1990	1,000	3.0	3,000
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
COCHISE				**NAVAJO**			
1990	600	1.7	1,000	1990	*		
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	*		
COCONINO				**PIMA**			
1990	500	2.0	1,000	1990	500	4.0	2,000
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	*		
GILA				**PINAL**			
1990	*			1990	1,000	2.0	2,000
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
GRAHAM				**SANTA CRUZ**			
1990	500	4.0	2,000	1990	*		
1991	500	4.0	2,000	1991	*		
1992	500	4.0	2,000	1992	*		
1993	500	4.0	2,000	1993	*		
1994	*			1994	*		
GREENLEE				**YAVAPAI**			
1990	*			1990	1,500	3.0	4,500
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
LA PAZ				**YUMA**			
1990	4,000	2.0	8,000	1990	13,000	5.0	64,500
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
MARICOPA				**ARIZONA**			
1990	5,000	4.4	22,000	1990	30,000	3.9	117,000
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

** 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, 1990-94 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**			
1990	4,200	2.9	12,000	1990	8,500	7.4	63,000
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
COCHISE				**NAVAJO**			
1990	7,600	4.9	37,000	1990	*		
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
COCONINO				**PIMA**			
1990	*			1990	2,300	7.6	17,500
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
GILA				**PINAL**			
1990	700	2.1	1,500	1990	12,000	8.3	99,000
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
GRAHAM				**SANTA CRUZ**			
1990	4,500	5.8	26,000	1990	*		
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
GREENLEE				**YAVAPAI**			
1990	700	5.7	4,000	1990	3,500	3.6	12,500
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
LA PAZ				**YUMA**			
1990	46,000	8.0	370,000	1990	48,000	8.2	394,500
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
MARICOPA				**ARIZONA**			
1990	53,000	7.0	372,000	1990	195,000	7.29	1,421,000
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

** 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, production, price, and value, Arizona, 1990-94 1/

Year	Harvested	Yield per acre	Production	Marketing year average price 2/	Value of production
	Acres	Tons	Tons	Dol. per ton	1,000 dol.
1990	195,000	7.29	1,421,000	96.00	135,439
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	101.00	130,968

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

ALL HAY: Farm marketings, Arizona, 1989/90-1993/94 1/

Crop year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
						Percent						
1989/90	14	17	9	12	9	6	7	7	4	3	4	8
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

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, 1990/91-1994/95 1/

Crop year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Marketing year average
							Dollars per ton						
1990/91	120.00	99.00	87.00	86.00	81.00	88.00	88.00	98.00	104.00	89.00	94.00	103.00	96.00
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	115.00	98.00	98.00	91.00	91.00	104.00	100.00	108.00	118.00	117.00	105.00	108.00	101.00

1/ Does not include green chop or grazed.

ALFALFA HAY: Monthly and marketing year average prices received by growers, Arizona, 1990/91-1994/95 1/

Crop year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Marketing year average
							Dollars per ton						
1990/91	120.00	99.00	87.00	86.00	81.00	89.00	88.00	98.00	105.00	90.00	95.00	106.00	97.00
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	100.00	108.00	118.00	117.00	105.00	108.00	102.00

1/ Does not include green chop or grazed.

OTHER HAY: Monthly and marketing year average prices received by growers, Arizona 1990/91-1994/95 1/

Crop year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Marketing year average
							Dollars per ton						
1990/91	--	--	--	78.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	60.00	76.50
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	--	--	--	--	--	--	--	68.00

1/ Does not include green chop or grazed.

OTHER FIELD CROPS: Acreage, production, and value, Arizona 1990-94

Crop	Year	Harvested	Unit	Production	Value of production
		Acres		1,000	1,000 dol.
DRY BEANS	1990	5,000	Cwt	80	1,600
	1991	2,500		55	770
	1992	3,300		56	1,460
	1993	1,500		33	990
	1994	7,300		124	3,040
GUAR	1990	0	Lb		
	1991	2,700		4,050	405
	1992	2,700		4,050	405
	1993	2,500		3,750	375
	1994	2,500		3,750	375
JOJOBA	1990	9,000	Lb	2,250	7,875
	1991	10,000		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
OATS FOR GRAIN	1990	900	Lb	3,370	169
	1991	550		2,200	154
	1992	550		2,200	154
	1993	3,000		9,000	630
	1994	4,500		11,700	468
PEANUTS	1990	687	Lb	879	558
	1991	526		893	241
	1992	550		1,265	342
	1993	850		2,975	925
	1994	1,000		2,500	750
POPCORN	1990	0	Lb		
	1991	15		60	9
	1992	20		80	12
	1993	0			
	1994	0			
SAFFLOWER	1990	1,000	Ton	.8	155
	1991	1/			
	1992	4,500		5.5	875
	1993	17,200		21.5	6,450
	1994	6,000		5.5	675
SESAME	1990	2,000	Lb	2,116	635
	1991	1,200		1,020	306
	1992	1,200		1,020	306
	1993	1,000		1,000	300
	1994	1,000		1,400	350
SORGHUM GRAIN	1990	1,000	Ton	1.7	193
	1991	1,500		3.0	330
	1992	10,000		20.0	2,640
	1993	20,000		30.0	4,200
	1994	15,000		19.5	3,510
SORGHUM SILAGE	1990	1,000	Ton	20	380
	1991	3,000		75	750
	1992	3,000		75	1,800
	1993	3,000		75	1,800
	1994	5,000		75	1,800
MISCELLANEOUS SEEDS	1990	12,450			20
	1991	15,800			20
	1992	16,200			22
	1993	14,250			19
	1994	19,200			20

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	1994	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

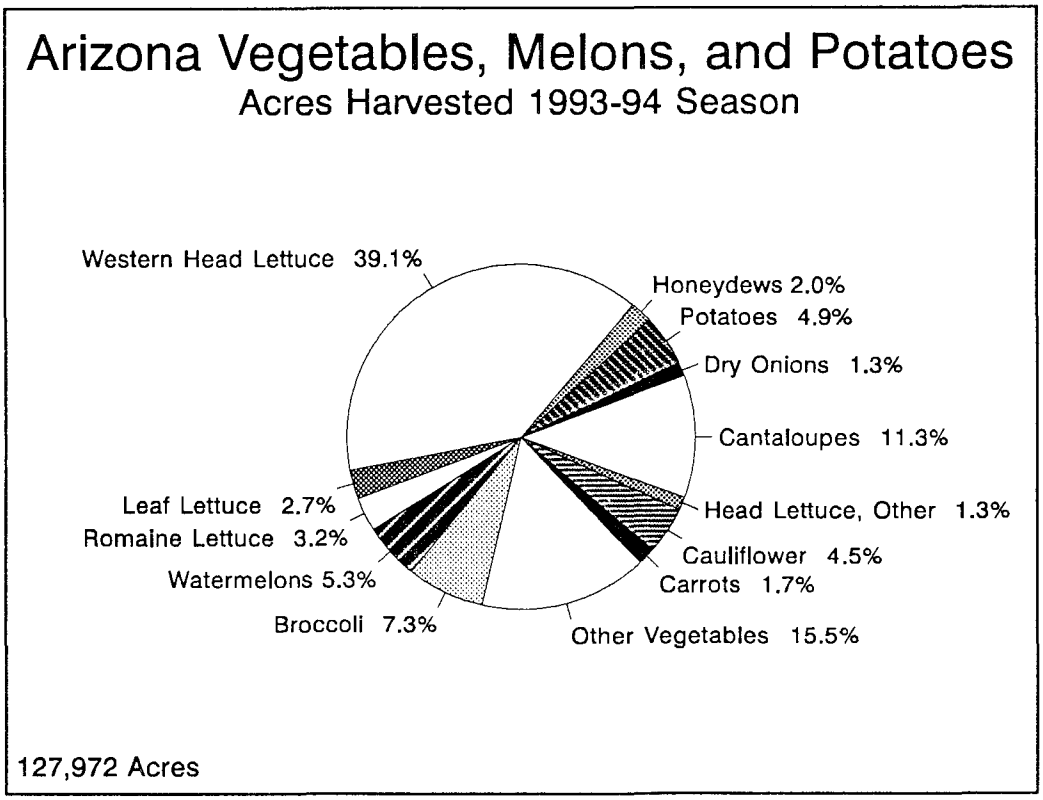
Vegetable and melons growers continue to make a significant contribution to the State's economy. Nationally, Arizona ranks second to only California in the production of head, Romaine and leaf lettuce as well as cauliflower, broccoli and cantaloupe. Arizona also ranks third in honeydew production, fourth in spring onions and fifth in watermelon production.

Nearly 128 thousand acres were devoted to vegetable and melon crops during 1994, an increase of 9 percent from a year earlier. Western head lettuce with 50,000 acres was, as usual, the acreage leader. Cantaloupes with 14,400 acres planted is second.

The total value of all vegetables produced in Arizona during 1994 totaled $368.4 million, a decline of 14 percent below that of the previous year. Increases in cantaloupes, honeydews, and carrot values were not enough to offset declines in Western head lettuce, leaf and Romaine lettuce, onions and watermelons. The vegetable market is a prime example of supply and demand at work. One needs only to track the ups and downs of the monthly prices and the annual average prices to realize the skill and sometimes luck needed to market a crop profitably.

Head lettuce continued as the most significant vegetable crop produced in Arizona accounting for 41 percent of the total value of all vegetables. Melons, primarily cantaloupe, honeydews and watermelons were again second to lettuce in production and total value.

"Miscellaneous" and "other" vegetables were harvested from over 19,770 acres, with a value of production estimated at $45.3 million, 12 percent of the total value of all vegetables produced in Arizona. The most significant among these were cabbage, chilies, spinach and kale.



HEAD LETTUCE WESTERN: Acreage, yield and production, Arizona, by counties, 1989/90-1993/94 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			
1989/90	3,000	197	591	1989/90	43,100	270	11,626
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

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 1989/90-1993/94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1989/90	46,100	46,100	265	12,217	7.33	89,551
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

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

HEAD LETTUCE WESTERN: Monthly and season average prices received by growers, Arizona, 1989/90-1993/94

Year	November	December	January	February	March	April	Season average
				Dollars per cwt			
1989/90	6.50	6.08	9.67	6.56	7.31	6.72	7.33
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

HEAD LETTUCE OTHER, SPRING: Acreage, yield, and production, Arizona, by counties, 1990-94 1/

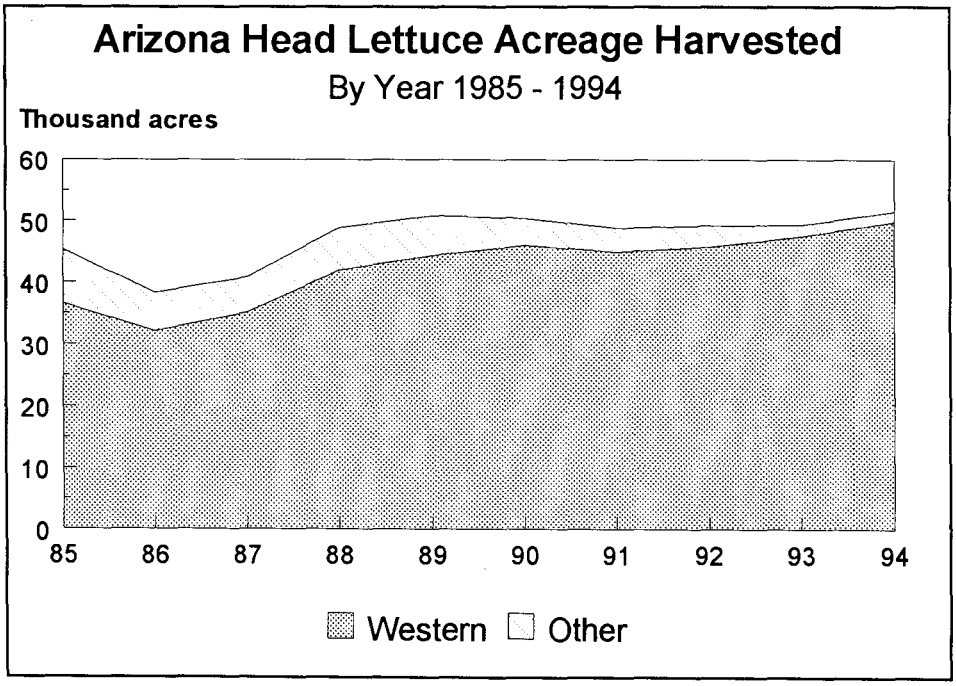
County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
COCHISE				**PIMA**			
1990	300	287	86	1990	450	171	77
1991	500	390	195	1991	370	324	120
1992	700	89	62	1992	350	274	96
1993	600	158	95	1993	200	170	34
1994	300	270	81	1994	300	177	53
MARICOPA				**PINAL**			
1990	700	261	183	1990	450	209	94
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

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 1990-94 1/

Crop year	Planted	Harvested	Yield per acre	Production	Season average price 2/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990	1,900	1,900	232	440	7.50	3,300
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

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, 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
COCHISE				PIMA			
1990/91	1,000	250	250	1990/91	400	120	48
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	287	129	1994/95	200	225	45
MARICOPA				PINAL			
1990/91	650	100	65	1990/91	450	122	55
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	50	260	13	1994/95	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, FALL: Acreage, yield, production, price, and value, Arizona 1990/91-1994/95 1/

Year	Planted	Harvested	Yield per acre	Production	Season average price 2/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990/91	2,500	2,500	167	418	16.10	6,739
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	700	700	267	187	22.20	4,149

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, 1990/91-1994/95 1/

Year	Planted	Harvested	Yield per acre	Production	Season average price 2/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990/91	4,400	4,400	195	858	11.70	10,039
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	1,600	1,600	250	400	15.50	6,200

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 1990/91-1994/95

Year	Mar.	Apr.	May	June	Sept.	Oct.	Nov.	Dec.	Jan.	Season average
					Dollars per cwt					
1990/91	8.39	7.54	6.73	6.00	--	18.20	17.90	10.30	--	11.70
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	--	15.50

LEAF LETTUCE: Acreage, yield, and production, Arizona, by counties, 1992-94 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
PINAL							
1992	100	60	6				
1993	*						
1994	200	90	18				

* *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 1990-94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990	2/	2,600	260	677	10.85	7,348
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

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

2/ Not available.

ROMAINE LETTUCE: Acreage, yield, and production, Arizona, by counties, 1992-94 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

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 1990-94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990	2/	2,000	206	412	12.32	5,074
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

CAULIFLOWER: Acreage, yield, and production, Arizona, by counties, 1989/90-1993/94 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			
1989/90	550	100	55	1989/90	5,800	105	610
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
PINAL							
1989/90	50	140	7				
1990/91	100	50	5				
1991/92	0						
1992/93	0						
1993/94	0						

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

CAULIFLOWER: Acreage, yield, production, price, and value, Arizona, 1989/90-1993/94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1989/90	6,400	6,400	105	672	23.70	15,926
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

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

BROCCOLI: Acreage, yield, and production, Arizona, by counties, 1989/90-1993/94 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			
1989/90	1,400	129	181	1989/90	3,500	107	375
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
PINAL							
1989/90	200	155	31				
1990/91	600	100	60				
1991/92	0						
1992/93	50	80	4				
1993/94	0						

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

BROCCOLI: Acreage, yield, production, price and value, Arizona, 1989/90-1993/94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1989/90	5,100	5,100	115	587	18.70	10,977
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

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

DRY ONIONS: Acreage, yield, and production, Arizona, by counties, 1990-94 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			
1990	50	400	20	1990	750	497	373
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
LA PAZ				OTHER COUNTIES			
1990	200	410	82	1990	0		
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

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

DRY ONIONS: Acreage, yield, production, price, and value, Arizona 1990-94 1/

Year	Planted	Harvested	Yield per acre	Production	Season average price 2/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990	1,000	1,000	475	475	10.50	5,006
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

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 1990-94 1/

Year	April	May	June	July	Season average
			Dollars per cwt		
1990	--	12.90	11.20	8.00	10.50
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

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

CARROTS: Acreage, yield, and production, Arizona, by counties, 1989/90-1993/94 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			
1989/90	1,450	130	188	1989/90	50	140	7
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

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

CARROTS: Acreage, yield, production, price, and value, Arizona, 1989/90-1993/94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1989/90	1,500	1,500	130	195	9.73	1,897
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

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

SPRING HONEYDEWS: Acreage, yield, and production, Arizona, by counties, 1990-94 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			
1990	550	209	115	1990	150	253	38
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	700	194	136	1994	50	160	8
MARICOPA				YUMA			
1990	500	236	118	1990	300	40	12
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	1,200	237	284	1994	250	112	28

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

SPRING HONEYDEWS: Acreage, yield, production, price, and value, Arizona 1990-94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. Per cwt	1,000 dol.
1990	1,500	1,500	189	283	24.90	7,060
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	2,200	2,200	207	456	15.80	7,205

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

FALL HONEYDEWS: Acreage, yield, and production, Arizona, by counties, 1990-94 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			
1990	0			1990	270	141	38
1991	0			1991	300	60	18
1992	0			1992	150	93	14
1993	2/			1993	2/		
1994	0			1994	2/		
LA PAZ				YUMA			
1990	280	89	25	1990	80	238	19
1991	160	106	17	1991	80	63	5
1992	150	100	15	1992	0		
1993	0			1993	0		
1994	0			1994	0		
MARICOPA							
1990	270	159	43				
1991	360	181	65				
1992	100	210	21				
1993	200	175	35				
1994	400	193	77				

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.

FALL HONEYDEWS: Acreage, yield, production, price, and value, Arizona 1990-94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990	1,100	900	139	125	23.80	2,977
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	400	400	193	77	35.20	2,709

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

ALL HONEYDEWS: Acreage, yield, production, price, and value, Arizona, 1990-94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990	2,600	2,400	170	408	24.60	10,037
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	2,600	2,600	205	533	18.60	9,914

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, 1990-94

Year	May	June	July	August	September	October	November	Season average
				Dollars per cwt				
1990	--	29.00	20.90	10.20	11.20	25.90	25.20	24.60
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

SPRING CANTALOUPE: Acreage, yield, and production, Arizona, by counties, 1990-94 1/

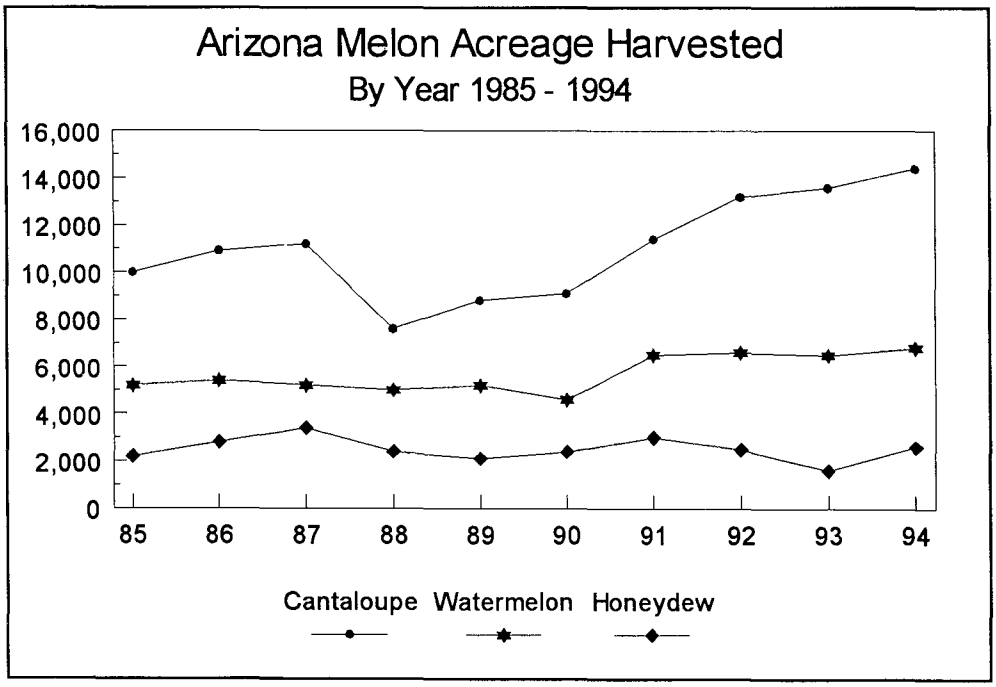
County and year	Harvested	Yield per acre	Production	County and year	Harvested	Yield per acre	Production
	Acres	Cwt	1,000 cwt		Acres	Cwt	1,000 cwt
LA PAZ				**PINAL**			
1990	500	220	110	1990	550	124	68
1991	650	186	121	1991	700	163	114
1992	1,150	183	210	1992	250	228	57
1993	1,200	220	264	1993	100	150	15
1994	1,500	200	300	1994	200	175	35
MARICOPA				**YUMA**			
1990	5,200	138	717	1990	650	117	76
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	7,000	252	1,763	1994	700	307	215

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

SPRING CANTALOUPE: Acreage, yield, production, price, and value, Arizona, 1990-94

Crop year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990	6,900	6,900	141	971	20.40	19,808
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	9,400	9,400	246	2,313	14.50	33,539

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



FALL CANTALOUPE: Acreage, yield, production, Arizona, by counties, 1990-94 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			
1990	0			1990	200	80	16
1991	0			1991	300	147	44
1992	0			1992	100	80	8
1993	*			1993	150	133	20
1994	0			1994	150	167	25
MARICOPA				YUMA			
1990	1,550	254	394	1990	450	67	30
1991	2,900	157	456	1991	0		
1992	2,450	131	320	1992	650	74	48
1993	5,150	136	700	1993	0		
1994	4,850	171	830	1994	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.

FALL CANTALOUPE: Acreage, yield, production, price, and value, Arizona 1990-94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 cwt
1990	2,400	2,200	200	440	16.00	7,040
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	5,000	5,000	171	855	20.80	17,783

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

ALL CANTALOUPE: Acreage, yield, production, price, and value, Arizona 1990-94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990	9,300	9,100	155	1,411	19.00	26,848
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	14,400	14,400	220	3,168	16.20	51,322

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

WATERMELONS: Acreage, yield, and production, Arizona, by counties, 1990-94 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			
1990	50	180	9	1990	1,300	429	558
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
LA PAZ				YUMA			
1990	0			1990	500	460	230
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
MARICOPA							
1990	2,750	346	951				
1991	4,000	269	1,075				
1992	3,500	264	925				
1993	3,100	282	875				
1994	3,600	275	991				

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, 1990-94 1/

Year	Planted	Harvested	Yield per acre	Production	Season average price 2/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990	5,000	4,600	380	1,748	6.95	12,151
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	313	2,035	7.29	14,835
1994	6,800	6,800	310	2,108	5.60	11,805

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, 1990-94 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	5,500	280	1,540	1990	400	50	20
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
PINAL							
1990	1,000	234	234				
1991	1,300	323	420				
1992	1,000	330	330				
1993	1,400	236	330				
1994	1,700	268	455				

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

POTATOES: Acreage, yield, production, price, and value, Arizona, 1990-94

Year	Planted	Harvested	Yield per acre	Production	Season average price 1/	Value of production
	Acres		Cwt	1,000 cwt	Dol. per cwt	1,000 dol.
1990	6,900	6,900	260	1,794	8.50	15,249
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

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

POTATOES: Monthly and season average prices received by growers, Arizona, 1990-94 1/

Year	April	May	June	July	Season average price 2/
1990	19.60	10.80	7.25	5.45	8.50
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

1/ Includes fresh market and processed potato prices.
2/ Average price for the April through July marketing season.

OTHER VEGETABLES: Acres, production, and value, Arizona 1990-94

Crop	Year	Harvested acres 1/	Unit	Production 1/	Value of production 2/
		Acres			1,000 dol.
ASPARAGUS	1990	3,500	30 lb carton	245,522	5,401
	1991	1,900		146,877	4,113
	1992	1,350		95,646	2,476
	1993	250		13,000	350
	1994	240		24,500	750
BEETS	1990	30	35 lb carton	16,462	123
	1991	65		18,327	137
	1992	75		23,300	175
	1993	30		4,800	36
	1994	60		11,600	87
BOK CHOY	1990	90	25 lb carton	41,641	206
	1991	160		87,733	434
	1992	165		87,200	436
	1993	250		100,000	500
	1994	160		89,000	445
CABBAGE	1990	960	50 lb carton	720,949	4,672
	1991	1,700		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
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	2,600			
GREEN				10,600	2,605
RED				4,260	3,687
	1994	4,000			
GREEN				11,964	3,733
RED				4,060	2,921
GREENS	1990	1,300	25 lb carton	1,411,866	6,551
	1991	1,400		1,169,179	4,443
	1992	1,500		964,100	4,676
	1993	900		529,000	2,566
	1994	750		540,000	2,700
KALE	1990	190	25 lb carton	135,446	650
	1991	240		128,611	592
	1992	400		160,600	972
	1993	100		77,500	465
	1994	1,270		506,929	3,042
NAPA	1990	100	40 lb carton	73,539	221
	1991	180		102,280	307
	1992	225		101,650	305
	1993	200		86,500	260
	1994	220		128,000	384
ONIONS, GREEN	1990	400	18 lb carton	234,556	1,304
	1991	310		378,039	2,847
	1992	250		417,250	793
	1993	260		196,000	960
	1994	280		355,000	2,592
PARSLEY	1990	100	21 lb carton	66,667	273
	1991	76		54,166	222
	1992	100		54,650	224
	1993	60		41,700	171
	1994	130		90,000	369

See footnotes at end of table.

Continued--

OTHER VEGETABLES: Acres, production, and value, Arizona 1990-94--continued

Crop	Year	Harvested acres 1/	Unit	Production 1/	Value of production 2/
		Acres			1,000 dol.
RAPINI	1990	120	25 lb carton	45,564	260
	1991	140		49,698	283
	1992	160		77,900	444
	1993	160		47,000	268
	1994	280		53,000	302
SPINACH	1990	725	25 lb carton	354,594	2,730
	1991	670		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
SQUASH	1990	370	24 lb carton	157,961	1,469
	1991	510		91,539	851
	1992	520		8,000	74
	1993	1,100		158,467	428
	1994	680		48,000	211
SWEET CORN	1990	450	50 lb carton	76,129	639
	1991	360		50,072	431
	1992	800		88,000	700
	1993	2,700		127,300	960
	1994	1,500		92,000	690
TURNIPS	1990	100	25 lb sack	136,479	1,058
	1991	150		121,098	939
	1992	155		100,000	780
	1993	150		40,800	318
	1994	175		55,000	429
MISCELLANEOUS VEGETABLES 4/	1990	2,877			8,399
	1991	3,711			7,760
	1992	3,587			7,964
	1993	3,841			7,141
	1994	4,777			11,581

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/ 1990 includes anise, artichokes, bell peppers, Boston lettuce, cilantro, celery, chili peppers, cucumbers, endive, escarole, Fava beans, garlic, leeks, miscellaneous melons, okra, pumpkins, radishes, snap beans, Swiss chard and tomatoes; 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, cucumbers, dill, endive escarole, Fava beans, kohlrabi, leeks, miscellaneous melons, pumpkins, radishes, Swiss chard, tomatoes, and watercress. Production not published due to the different units of production.

FRUIT AND NUTS

Nationally, citrus production for the 1993-94 season was down 5 percent from a year earlier. This decrease was due primarily to lower orange and grapefruit production in Florida and California. Orange acreage was up in both of these states however, yields were down significantly. Arizona citrus production was up 7 percent. For the 1993-94 season, Florida accounted for 72 percent of the U.S. citrus production, California 24 percent, Arizona 3 percent and Texas accounted for 1 percent.

The Arizona lemon crop was the largest in 7 years and prices rebounded somewhat from the previous season. Lemons are the number one citrus crop in the State, accounting for just over half of the total production and almost two-thirds of the value. The Arizona grapefruit crop was the smallest since 1966-67, prices were the lowest since 1982-83 and the value of the crop was the lowest since 1977-78. The State's orange crop was both greater in production and value than a year earlier. Tangerine production was up slightly but, average prices were the lowest in 10 years.

Utilized production of Arizona apples at 59.0 million pounds was up 7 percent from the crop of a year earlier. The increase is attributed entirely to the fresh segment. Prices also showed an increase from a year earlier.

The 26,000 tons of grapes produced in Arizona was up 8 percent from the previous year and is the largest crop since 1989. The total value of the crop was up 35 percent thanks to substantial price increases.

The pecan production estimate for Arizona is combined with Mississippi, Missouri and Tennessee for 1993 and 1994. Production for these four states was down 17 percent from the previous year. The average price received for the four states, at $1.21 per pound is up 21 cents from a year earlier offsetting the loss in production for a small increase in value of production.

APPLES: Acreage, production, price and value, Arizona, 1990-94

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.
1990	4,000	11.0	50.0	61.0	.080	4,892
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

PECANS: Production, price and value, four states, 1990-94 1/

Crop year	Utilized production	Price per pound	Value of utilized production
	1,000 lbs	Dollars	1,000 dollars
1990	20,250	1.300	26,243
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

1/ Four states include Arizona, Kansas, Missouri and Tennessee 1990 through 1992; Arizona, Mississippi, Missouri, and Tennessee 1993 and 1994.

GRAPEFRUIT: Acreage and production, by varieties, Arizona, by counties, 1989/90-1993/94

County and crop year	Harvested 1/			Unitization of production		
	White	Red Blush	All	Fresh 2/	Processed 2/	Total
	Acres			1,000 cartons 3/		
MARICOPA 4/						
1989/90	1,800	2,000	3,800	1,595	825	2,420
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
YUMA						
1989/90	300	2,300	2,600	1,735	245	1,980
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

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, 1989/90-1993/94

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.
1989/90	6,400	3,330	1,070	4,400	5.00	22,003
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	1.54	6,629
1993/94	5,900	2,264	1,236	3,500	1.32	4,626

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, 1989/90-1993/94

Crop year	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1989/90	9.40	5.00	6.54	.21	4.14	5.68	-.66
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	1.54	2.43	-.17	.64	1.53	-1.07
1993/94	4.87	1.32	2.16	-.21	.36	1.19	-1.17

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, 1989/90-1993/94

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/					
1989/90							
Sept.	9.25	6.24	6.39	-.13	5.38	5.53	-.99
Oct.	6.60	3.65	3.74	-.13	2.79	2.88	-.99
Nov.	5.70	2.64	2.84	.20	1.78	1.98	-.67
Dec.	5.85	2.77	2.99	-.06	1.91	2.13	-.92
Jan.	7.95	4.59	5.09	.08	3.73	4.23	-.79
Feb.	8.85	5.29	5.99	.24	4.43	5.13	-.63
Mar.	10.50	6.28	7.64	.04	5.41	6.78	-.83
Apr.	10.35	5.36	7.49	.14	4.49	6.63	-.73
May	10.10	4.14	7.24	.36	3.28	6.38	-.51
June	6.15	2.49	3.29	.34	1.62	2.43	-.53
July	--	--	--	--	--	--	--
Aug.	--	--	--	--	--	--	--
1990/91							
Sept.	--	--	--	--	--	--	--
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							
Sept.	--	--	--	--	--	--	--
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							
Sept.	--	--	--	--	--	--	--
Oct.	7.75	4.97	5.08	.31	4.07	4.18	-.59
Nov.	5.45	2.72	2.78	-.12	1.82	1.88	-1.02
Dec.	5.55	2.67	2.88	-.15	1.77	1.98	-1.05
Jan.	5.55	2.78	2.88	-.17	1.88	1.98	-1.07
Feb.	5.50	2.52	2.83	-.18	1.62	1.93	-1.08
Mar.	4.92	1.88	2.25	-.18	.98	1.35	-1.08
Apr.	5.15	1.95	2.48	-.18	1.05	1.58	-1.08
May	4.39	.87	1.72	-.18	-.04	.82	-1.08
June	4.81	1.04	2.14	-.16	.14	1.24	-1.06
July	5.35	1.23	2.68	-.16	.33	1.78	-1.06
Aug.	4.87	1.49	2.20	-.16	.59	1.30	-1.06
1993/94							
Sept.	--	--	--	--	--	--	--
Oct.	6.15	1.61	3.44	-.23	.64	2.47	-1.19
Nov.	5.25	2.38	2.54	-.23	1.41	1.57	-1.19
Dec.	5.05	2.08	2.34	-.23	1.12	1.37	-1.19
Jan.	4.78	1.93	2.06	-.23	.97	1.10	-1.19
Feb.	4.86	2.01	2.15	-.23	1.05	1.18	-1.19
Mar.	4.61	1.58	1.89	-.21	.61	.93	-1.17
Apr.	4.16	.90	1.44	-.21	-.07	.48	-1.17
May	4.45	1.31	1.74	-.13	.35	.77	-1.09
June	5.10	1.09	2.39	-.21	.13	1.42	-1.17
July	5.30	1.18	2.59	-.23	.22	1.62	-1.19
Aug.	--	--	--	--	--	--	--

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

LEMONS: Acreage and production, Arizona, by counties, 1989/90-1993/94

County and crop year	Harvested 1/	Utilization of production		
		Fresh	Processed	Total
	Acres		1,000 cartons 2/	
MARICOPA 3/				
1989/90	1,400	290	130	420
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
YUMA				
1989/90	14,100	3,238	1,942	5,180
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	14,700	5,482	4,191	9,673

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, 1989/90-1993/94

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.
1989/90	15,500	3,528	2,072	5,600	7.12	39,846
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	16,300	5,902	4,498	10,400	4.84	50,342

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, 1989/90-1993/94

Crop year	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1989/90	14.15	7.12	10.48	1.40	5.61	8.97	-.12
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

1/ Net weight per carton, 38 pounds.

LEMONS: Monthly prices and equivalent returns by utilization, Arizona 1989/90-1993/94

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/					
1989/90							
Aug.	--	--	--	--	--	--	--
Sept.	17.40	10.96	13.73	1.15	9.45	12.22	-.36
Oct.	16.45	9.87	12.78	1.15	8.36	11.27	-.36
Nov.	13.30	6.62	9.63	1.28	5.11	8.12	-.23
Dec.	11.60	4.84	7.93	1.49	3.33	6.42	-.02
Jan.	11.20	4.81	7.53	1.63	3.30	6.02	.12
Feb.	12.80	4.62	9.13	1.70	3.11	7.62	.19
Mar.	--	--	--	--	--	--	--
Apr.	--	--	--	--	--	--	--
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

1/ Net weight per carton, 38 pounds.

VALENCIA ORANGES: Acreage and production, Arizona, by counties, 1989/90-1993/94

County and crop year	Harvested 1/	Utilization of production		
		Fresh	Processed	Total
	Acres	1,000 cartons 2/		
MARICOPA 3/				
1989/90	2,100	520	542	1,062
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	2,600	641	191	832
YUMA				
1989/90	3,700	1,096	282	1,378
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	3,000	1,257	311	1,568

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, 1989/90-1993/94

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.
1989/90	5,800	1,616	824	2,440	3.88	9,467
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	5,600	1,898	502	2,400	2.85	6,837

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, 1989/90-1993/94

Crop year	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1989/90	7.55	3.88	4.77	2.15	2.91	3.79	1.17
1990/91	15.75	10.11	12.88	.52	8.99	11.76	-.60
1991/92	6.00	2.38	3.09	.67	1.28	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

1/ Net weight per carton, 37.5 pounds.

VALENCIA ORANGES: Monthly prices and equivalent returns by utilization, Arizona, 1989/90-1993/94

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/					
1989/90							
Feb.	8.95	5.28	6.17	1.93	4.31	5.19	.95
Mar.	7.95	4.30	5.17	2.07	3.32	4.19	1.09
Apr.	7.35	3.82	4.57	2.07	2.85	3.59	1.09
May	7.60	3.87	4.82	2.20	2.90	3.84	1.22
June	6.95	3.20	4.17	2.20	2.31	3.19	1.22
July	4.74	2.01	1.96	2.30	1.04	.98	1.32
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

1/ Net weight per carton, 37.5 pounds.

NAVEL, SWEET, AND MISCELLANEOUS ORANGES: Acreage and production, Arizona, by counties, 1989/90-1993/94

County and crop year	Harvested 1/	Utilization of production		
		Fresh	Processed	Total
	Acres		1,000 cartons 2/	
MARICOPA 3/				
1989/90	4,080	652	68	720
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	4,600	1,070	245	1,315
YUMA				
1989/90	320	50	10	60
1990/91	290	70	10	80
1991/92	500	123	12	135
1992/93	400	82	5	87
1993/94	400	58	27	85

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, 1989/90-1993/94

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.
1989/90	4,400	702	78	780	5.38	4,197
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	5,000	1,128	272	1,400	4.09	5,725

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, 1989/90-1993/94

Crop year	F.O.B packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1989/90	8.65	5.38	5.84	1.29	4.53	4.99	.44
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

1/ Net weight per carton, 37.5 pounds.

NAVEL, SWEET, AND MISCELLANEOUS ORANGES: Monthly prices and equivalent returns by utilization, Arizona 1989/90-1993/94

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/					
1989/90							
Oct.	--	--	--	--	--	--	--
Nov.	9.30	5.94	6.49	1.11	5.09	5.64	.26
Dec.	8.15	4.87	5.34	1.39	4.02	4.49	.54
Jan.	8.40	5.29	5.59	1.44	4.44	4.74	.59
Feb.	8.10	5.11	5.29	1.80	4.26	4.44	.95
Mar.	--	--	--	--	--	--	--
Apr.	--	--	--	--	--	--	--
May	--	--	--	--	--	--	--
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	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	--	--	--	--	--	--	--

1/ Net weight per carton, 37.5 pounds.

ALL ORANGES: Acreage and production, Arizona, by counties, 1989/90-1993/94

County and crop year	Harvested 1/	Utilization of production		
		Fresh	Processed	Total
	Acres		1,000 cartons 2/	
MARICOPA 3/				
1989/90	6,180	1,172	610	1,782
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	7,200	1,711	436	2,147
YUMA				
1989/90	4,020	1,146	292	1,438
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	3,400	1,315	338	1,653

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, 1989/90-1993/94

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.
1989/90	10,200	2,318	902	3,220	4.25	13,664
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

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, 1989/90-1993/94

Crop year	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1989/90	7.90	4.25	5.09	2.07	3.30	4.15	1.11
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

1/ Net weight per carton, 37.5 pounds.

ALL ORANGES: Monthly prices and equivalent returns by utilization, Arizona, 1989/90-1993/94

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/					
1989/90							
Oct.	--	--	--	--	--	--	--
Nov.	9.30	5.94	6.49	1.11	5.09	5.64	.26
Dec.	8.15	4.87	5.34	1.39	4.02	4.49	.54
Jan.	8.40	5.29	5.59	1.44	4.44	4.74	.59
Feb.	8.55	5.21	5.73	1.91	4.29	4.82	.95
Mar.	7.95	4.30	5.17	2.07	3.32	4.19	1.09
Apr.	7.35	3.82	4.57	2.07	2.85	3.59	1.09
May	7.60	3.87	4.82	2.20	2.90	3.84	1.22
June	6.95	3.28	4.17	2.20	2.31	3.19	1.22
July	4.74	2.01	1.96	2.30	1.04	.98	1.32
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

1/ Net weight per carton, 37.5 pounds.

TANGERINES: Acreage and production, Arizona, by counties, 1989/90-1993/94

County and crop year	Harvested 1/	Utilization of production		
		Fresh	Processed	Total
	Acres	1,000 cartons 2/		
MARICOPA 3/				
1989/90	2,100	545	205	750
1990/91	2,000	554	121	675
1991/92	3,000	840	494	1,334
1992/93	2,800	606	339	945
1993/94	2,800	775	281	1,056
YUMA				
1989/90	1,900	375	75	450
1990/91	1,700	440	85	525
1991/92	2,000	920	146	1,066
1992/93	2,100	798	157	955
1993/94	2,100	841	103	944

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 1989/90-1993/94

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.
1989/90	4,000	920	280	1,200	8.22	9,864
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	4,900	1,616	384	2,000	5.62	11,233

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 1989/90-1993/94

Crop year	F.O.B. packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Processed	All	Fresh	Processed
		Dollars per carton 1/					
1989/90	13.10	8.22	10.32	1.34	7.25	9.34	.36
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

1/ Net weight per carton, 37.5 pounds.

TANGERINES: Monthly prices and equivalent returns by utilization, Arizona, 1989/90-1993/94

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/					
1989/90							
Oct.	12.30	7.54	9.52	.63	6.57	8.54	-.35
Nov.	11.80	6.87	9.02	.89	5.90	8.04	-.09
Dec.	15.05	9.47	12.27	1.31	8.49	11.29	.33
Jan.	13.35	9.41	10.57	1.49	8.43	9.59	.51
Feb.	11.05	6.18	8.27	1.51	5.20	7.29	.53
Mar.	10.45	5.40	7.67	1.63	4.43	6.69	.65
Apr.	--	--	--	--	--	--	--
May	--	--	--	--	--	--	--
1990/91							
Oct.	--	--	--	--	--	--	--
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	1.99	13.13	.29	9.87	12.01	-.83
Apr.	--	--	--	--	--	--	--
May	--	--	--	--	--	--	--
1991/92							
Oct.	--	--	--	--	--	--	--
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							
Oct.	--	--	--	--	--	--	--
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							
Oct.	--	--	--	--	--	--	--
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

1/ Net weight per carton, 37.5 pounds.

GRAPES: Acreage and variety, Arizona, by counties, 1990-94 1/

County and year	Table varieties				Wine varieties 3/	Total
	Flame seedless	Perlette	Thompson seedless	Other 2/		
			Acres			
MARICOPA						
1990	845	535	1,010	25	0	2,415
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
PINAL						
1990	780	85	345	30	0	1,240
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
YUMA						
1990	520	415	295	15	0	1,245
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
OTHER COUNTIES 5/						
1990	0	0	0	0	200	200
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
ARIZONA						
1990	2,145	1,035	1,650	70	200	5,100
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

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 1990-94

Crop year	Total production	Utilized production	Season average price 1/	Value of utilized production
	Tons		Dol. per ton	1,000 dol.
1990	26,000	26,000	870.00	22,616
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

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

DECIDUOUS FRUITS: Acres, production, and value, Arizona, 1990-94 1/

Crop	Year	Acres in production	Unit	Utilized production	Value of production
		Acres		1,000 units	1,000 dollars
APRICOTS	1990	166	26 lb carton	3	12
	1991	150		8	59
	1992	150		0	
	1993	150		0	
	1994	39		0	
NECTARINES	1990	36	26 lb carton	1	5
	1991	40		3	13
	1992	40		0	
	1993	40		0	
	1994	12		0	
PEACHES	1990	555	26 lb carton	53	198
	1991	491		58	300
	1992	303		38	110
	1993	303		51	237
	1994	284		35	109
MISCELLANEOUS FRUIT 2/	1990	90			8
	1991	126			57
	1992	126			54
	1993	134			30
	1994	215			54

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 and apricots. Utilized production not published due to the different units of production.

NUTS: Acres, production and value, Arizona 1990-94 1/

Crop	Year	Acres in production	Utilized production	Value of production
		Acres	1,000 lbs	1,000 dollars
PECANS 2/	1990	13,011		
	1991	13,462		
	1992	14,243		
	1993	14,243		
	1994	14,589		
PISTACHIOS	1990	1,728	1,063	1,328
	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

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, 1993

Crop	State Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Upland cotton: Acres	315,000	0	11,900	0	0	8,500	800	32,500	121,400	6,200	0	11,100	102,200	0	0	20,400
Bales, 480 lb net wt	790,000															
American pima cotton: Acres	56,900	0	2,800	0	0	13,500	*	1,600	10,500	0	0	2,600	24,500	0	0	1,400
Bales, 480 lb net wt	87,000															
Alfalfa: Acres	150,000	1,500	5,000	500	500	2,000	*	40,500	43,000	6,000	1,700	3,000	14,000	*	1,500	30,000
Production, tons	1,110,000															
Other hay: Acres	35,000	1,500	600	600	500	500	*	7,000	5,500	1,400	500	500	1,500	*	1,200	13,000
Production, tons	126,000															
Durum wheat: Acres	50,000	*	*	*	*	*	*	2,000	21,000	*	*	*	17,500	*	100	5,400
Production, tons	135,000															
Other wheat: Acres	35,000	*	*	*	*	*	*	5,000	7,000	*	*	*	3,400	*	700	16,500
Production, tons	98,700															
Barley: Acres	29,000	*	1,800	0	*	900	*	1/	13,100	0	*	*	10,800	0	*	2,000
Production, tons	69,600															
Corn for grain: Acres	10,000	*	5,000	0	0	3,000	*	*	600	0	*	0	400	0	*	*
Production, tons	44,800															
Potatoes: Acres	5,500	0	0	0	0	0	0	0	4,100	0	0	0	1,400	0	0	0
Production, cwt	1,485,000															
Principal vegetables: Acres 2/	96,800	0	2,600	0	0	0	0	2,250	19,600	0	0	400	2,600	0	0	69,350
Production, cwt	22,763,000															
Grapes: Acres	4,300	0	*	0	0	0	0	0	2,180	0	0	*	655	*	3/	1,160
Production, tons	24,000															
Grapefruit: Acres	5,900	0	0	0	0	0	0	0	3,700	0	0	0	3/	0	0	2,200
Production, ctns	4,300,000															
All oranges: Acres	10,600	0	0	0	0	0	0	0	7,200	0	0	0	3/	0	0	3,400
Production, ctns	3,700,000															
Lemons: Acres	16,300	0	0	0	0	0	0	0	1,500	0	0	0	3/	0	0	14,800
Production, ctns	8,800,000															
Tangerines: Acres	4,900	0	0	0	0	0	0	0	2,800	0	0	0	3/	0	0	2,100
Production, ctns	1,900,000															
Other crops: Acres 4/	110,559															
Total acres harvested 5/	935,759															

* *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, 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	0	0	0	0	0	0	4,200	0	0	0	1,700	0	0	400
Production, cwt	1,670,000															
Principal vegetables: Acres 2/	101,900	0	3,400	0	0	0	0	265	21,000	0	0	500	2,500	0	0	71,850
Production, cwt	26,705,000															
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	7,200	0	0	0	3/	0	0	3,400
Production, ctns	3,800,000															
Lemons: Acres	16,300	0	0	0	0	0	0	0	1,600	0	0	0	3/	0	0	14,700
Production, ctns	10,400,000															
Tangerines: Acres	4,900	0	0	0	0	0	0	0	2,800	0	0	0	3/	0	0	2,100
Production, ctns	2,000,000															
Other crops: Acres 4/	111,900															
Total acres harvested 5/	987,100															

** 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.

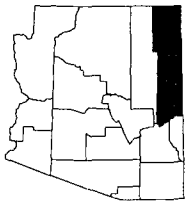
2/ Principal vegetables include broccoli, cantaloupe, carrots, cauliflower, honeydews, head lettuce, Romaine lettuce, leaf lettuce, dry onions and watermelons. Some counties may include acreage for other counties to avoid disclosure of individual operations.

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.

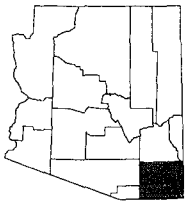
APACHE COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Barley	*			
Alfalfa hay	1,000	3.0 tons	3,000 tons	8
Other hay	1,000	2.0 tons	2,000 tons	8

Cash receipts 1994		Rank
Crops	$626,000	13
Livestock	$24,483,000	7
Livestock January 1, 1995		
All cattle and calves	56,000	5
All sheep and lambs	27,000	2

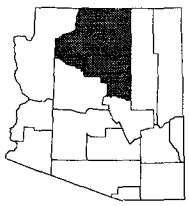
COCHISE COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Upland cotton	12,300	710 lbs	18,200 bales	7
Pima cotton	*			
Durum wheat	*			
Other wheat	*			
Barley	1,600	5,100 lbs	4,080 tons	4
Corn for grain	10,100	9,700 lbs	49,000 tons	1
Alfalfa hay	6,000	6.0 tons	36,000 tons	6
Other hay	1,000	3.0 tons	3,000 tons	6
Vegetables	3,400	170 cwt	579,000 cwt	5
Grapes	*			

Cash receipts 1994		Rank
Crops	$31,261,000	5
Livestock	$31,696,000	5
Livestock January 1, 1995		
All cattle and calves	82,000	4
All sheep and lambs	*	
Hogs and pigs	3,000	4

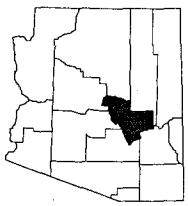
COCONINO COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Alfalfa hay	*			
Other hay	*			

Cash receipts 1994		Rank
Crops	$2,534,000	10
Livestock	$20,361,000	8
Livestock January 1, 1995		
All cattle and calves	48,000	7
All sheep and lambs	13,000	6

GILA COUNTY



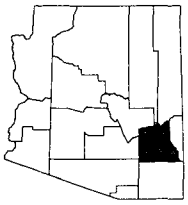
Crops 1994	Acres harvested	Yield per acre	Production	Rank
Other wheat	*			
Alfalfa hay	*			
Other hay	*			

Cash receipts 1994		Rank
Crops	$467,000	14
Livestock	$6,886,000	12
Livestock January 1, 1995		
All cattle and calves	19,000	11

See footnotes at end of table.

Continued--

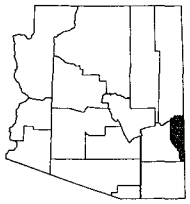
GRAHAM COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Upland cotton	9,300	914 lbs	17,700 bales	8
Pima cotton	13,300	790 lbs	21,900 bales	2
Durum wheat	*			
Other wheat	*			
Barley	*			
Corn for grain	2,500	9,540 lbs	11,930 tons	2
Alfalfa hay	*			
Other hay	*			

Cash receipts 1994		Rank
Crops	$17,684,000	7
Livestock	$9,645,000	10
Livestock January 1, 1995		
All cattle and calves	25,000	10
Hogs and pigs	5,000	3

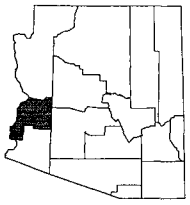
GREENLEE COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Upland cotton	700	891 lbs	1,300 bales	9
Pima cotton	*			
Durum wheat	*			
Barley	*			
Corn for grain	*			
Alfalfa hay	*			
Other hay	*			

Cash receipts 1994		Rank
Crops	$2,673,000	9
Livestock	$4,800,000	14
Livestock January 1, 1995		
All cattle and calves	11,000	14

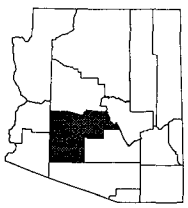
LA PAZ COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Upland cotton	27,100	1,282 lbs	72,400 bales	3
Pima cotton	1,700	904 lbs	3,200 bales	5
Durum wheat	2,100	6,000 lbs	6,300 tons	5
Other wheat	3,600	5,420 lbs	9,750 tons	3
Barley	1/			
Corn for grain	*			
Alfalfa hay	40,000	7.5 tons	300,000 tons	2
Other hay	6,000	3.7 tons	22,000 tons	2
Vegetables	2,650	230 cwt	610,000 cwt	4

Cash receipts 1994		Rank
Crops	$53,943,000	4
Livestock	$1,548,000	15
Livestock January 1, 1995		
All cattle and calves	3,000	15
All sheep and lambs	*	

MARICOPA COUNTY



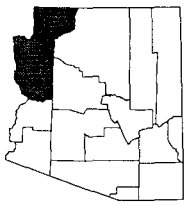
Crops 1994	Acres harvested	Yield per acre	Production	Rank
Upland cotton	120,800	1,233 lbs	310,300 bales	1
Pima cotton	9,800	842 lbs	17,200 bales	3
Durum wheat	29,600	5,620 lbs	83,100 tons	2
Other wheat	5,700	5,470 lbs	15,600 tons	2
Barley	13,000	4,370 lbs	28,420 tons	2
Corn for grain	*			
Alfalfa hay	51,000	7.5 tons	384,000 tons	1
Other hay	4,500	4.0 tons	18,000 tons	3
Potatoes	4,200	279 cwt	1,170,000 cwt	1
Vegetables	21,000	224 cwt	4,712,000 cwt	2
Grapes	2,435		2/	
Citrus	15,300	356 ctn	5,442,000 ctn	2

Cash receipts 1994		Rank
Crops	$362,726,000	2
Livestock	$302,115,000	1
Livestock January 1, 1995		
All cattle and calves	185,000	1
All sheep and lambs	34,000	1
Hogs and pigs	11,000	2

See footnotes at end of table.

Continued--

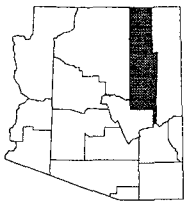
MOHAVE COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Upland cotton	6,000	1,456 lbs	18,200 bales	6
Other wheat	*			
Alfalfa hay	8,000	7.0 tons	56,000 tons	5
Other hay	1,900	3.7 tons	7,000 tons	4

Cash receipts 1994		Rank
Crops	$10,417,000	8
Livestock	$7,421,000	11
Livestock January 1, 1995		
All cattle and calves	15,000	12

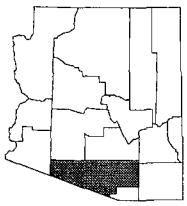
NAVAJO COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Corn for grain	*			
Alfalfa hay	*			
Other hay	*			

Cash receipts 1994		Rank
Crops	$1,128,000	11
Livestock	$35,213,000	4
Livestock January 1, 1995		
All cattle and calves	28,000	9
All sheep and lambs	19,000	4
Hogs and pigs	145,000	1

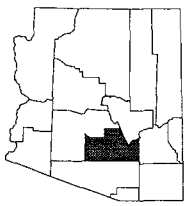
PIMA COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Upland cotton	10,200	1,101 lbs	23,400 bales	5
Pima cotton	2,300	563 lbs	2,700 bales	6
Durum wheat	4,400	5,690 lbs	12,520 tons	4
Barley	*			
Alfalfa hay	*			
Other hay	*			
Vegetables	500	196 cwt	98,000 cwt	6
Grapes	*			

Cash receipts 1994		Rank
Crops	$23,563,000	6
Livestock	$19,915,000	9
Livestock January 1, 1995		
All cattle and calves	50,000	6

PINAL COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Upland cotton	103,800	1,188 lbs	256,800 bales	2
Pima cotton	18,700	796 lbs	31,000 bales	1
Durum wheat	36,500	5,030 lbs	91,800 tons	1
Other wheat	2,700	4,670 lbs	6,300 tons	4
Barley	14,900	4,410 lbs	32,880 tons	1
Corn for grain	*			
Alfalfa hay	17,500	7.5 tons	132,000 tons	4
Other hay	1,300	3.1 tons	4,000 tons	5
Potatoes	1,700	268 cwt	455,000 cwt	2
Vegetables	2,500	287 cwt	718,000 cwt	3
Grapes	620		2/	
Citrus	3/			

Cash receipts 1994		Rank
Crops	$155,134,000	3
Livestock	$223,370,000	2
Livestock January 1, 1995		
All cattle and calves	155,000	2
All sheep and lambs	22,000	3
Hogs and pigs	*	

See footnotes at end of table.

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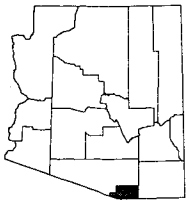
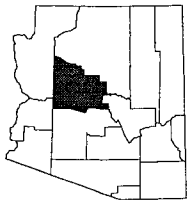
SANTA CRUZ COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Alfalfa hay	*			
Other hay	*			
Grapes	*			

Cash receipts 1994		Rank
Crops	$321,000	15
Livestock	$4,805,000	13
Livestock January 1, 1995		
All cattle and calves	13,000	13

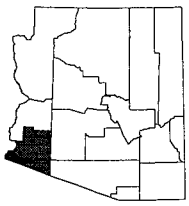
YAVAPAI COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Barley	*			
Corn for grain	*			
Alfalfa hay	1,000	5.0 tons	5,000 tons	8
Other hay	1,000	3.0 tons	3,000 tons	6
Grapes	*			

Cash receipts 1994		Rank
Crops	$1,001,000	12
Livestock	$28,942,000	6
Livestock January 1, 1995		
All cattle and calves	46,000	8

YUMA COUNTY



Crops 1994	Acres harvested	Yield per acre	Production	Rank
Upland cotton	21,800	1,403 lbs	63,700 bales	4
Pima cotton	1,500	1,280 lbs	4,000 bales	4
Durum wheat	19,900	6,030 lbs	60,000 tons	3
Other wheat	14,200	5,920 lbs	42,000 tons	1
Barley	2,000	5,640 lbs	5,640 tons	3
Corn for grain	1,600	8,820 lbs	7,060 tons	3
Alfalfa hay	28,000	8.6 tons	240,000 tons	3
Other hay	15,500	3.8 tons	59,000 tons	1
Vegetables	71,850	278 cwt	19,988,000 cwt	1
Potatoes	400	113 cwt	45,000 cwt	3
Grapes	1,145		2/	
Citrus	22,400	637 ctn	14,258,000 ctn	1

Cash receipts 1994		Rank
Crops	$380,213,000	1
Livestock	$102,821,000	3
Livestock January 1, 1995		
All cattle and calves	94,000	3
Sheep and lambs	19,000	5
Hogs and pigs	*	

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

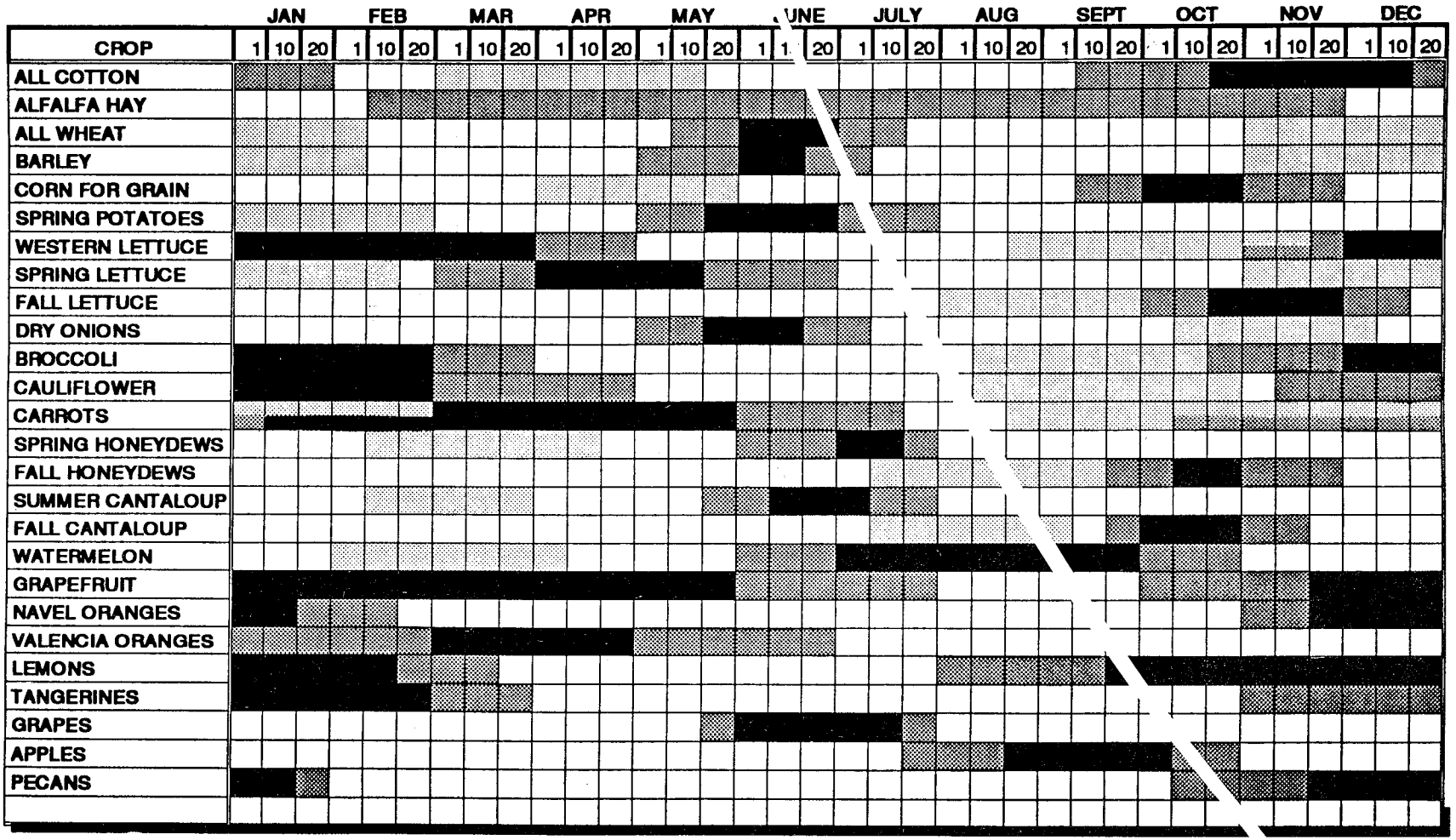
1/ Acres and production included with Yuma County to avoid disclosure of individual operations.

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 1994 and crop years, 1990-94

Variety	County				Crop year				
	Cochise, Graham and Greenlee	Maricopa	Pinal	La Paz, Mohave, Pima and Yuma	1990	1991	1992	1993	1994
	Percent				Percent				
Acala 1517 E-2	5.5				.5	*	*	*	*
Acala 1517-75	1.2				.6	.5	*	*	*
Acala 1517-77 BR	2.8						*		*
Acala 1517-88	7.0				.8	1.3	.8	*	.5
Acala 1517-SR2					.7	*		*	
Acala 1517-SR3	5.5							*	
Acala 1517-91	6.7							.9	.5
Cargill Paymaster HS 26	8.7				.6	.5	*		.6
Chembred CB 1135						.5	.5	.9	
Chembred CB 407						.7		*	*
Deltapine Acala 90	37.0		16.5	*	52.2	37.5	15.7	8.4	8.2
Deltapine DP 5415		75.3	53.4	38.9		2.5	49.8	59.8	55.0
Deltapine DP 5461		2.8	1.3	1.1		.8	1.9	.6	1.7
Deltapine DP 5690						3.0	1.2	5.1	*
Deltapine DP 5816		3.0	4.0	5.2		11.3	4.7	2.3	3.6
Deltapine 20		3.6	3.6	4.6	4.0	5.8	6.5	5.1	3.6
Deltapine 41			3.0		1.0	2.5	.5	1.2	1.0
Deltapine 50			1.2	19.9	6.1	4.7	1.8	2.3	4.7
Deltapine 51			2.1	5.3	2.1	3.5	1.4	*	1.8
Deltapine 61					4.6				
Deltapine 77					20.7	6.3	1.0		
Deltapine Suregrow DES-119				5.6	1.5	1.4	.5	.8	1.2
Hyperformer HS 46			3.3			4.5	2.3	1.7	1.1
Stoneville KC 311	5.8					1.6	.8	2.0	.5
Stoneville 324	13.3								1.1
Stoneville 453					*	1.4	2.0	*	
Stoneville 907						.8			
Stoneville LA-887		2.0						.5	.8
Suregrow 501		3.3	1.2	3.6					2.4
Suregrow 1001		1.2	1.5		.8	2.7	3.2	1.0	1.0
Terra C-40						.7	.6	*	*
All Other 1/	6.5	8.8	8.9	15.8	3.8	5.5	4.8	7.4	10.7

* *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.

PASTURE AND RANGE FEED CONDITIONS: Arizona, May-November 1990-94

Year	May	June	July	August	September	October	November
				Percent 1/			
1990	56	43	48	63	70	81	77
1991	87	85	79	77	65	60	55
1992	95	100	87	92	103	92	88
1993	90	90	81	70	75	68	74
1994	78	76	64	58	68	78	71

1/ Good to excellent, 80 and over; poor to fair, 65-79; very poor, 50-64; severe drought, 35-49; extreme drought, under 35.

COTTON PROGRESS: Arizona, by survey week, 1990-94

Month and week 1/	1990	1991	1992	1993	1994	5-year average
			Percent of acreage			
			PLANTED			
Mar. 27	24	5	12	7	13	12
Apr. 3	37	9	22	15	28	22
10	70	24	32	24	38	38
17	81	30	40	38	54	49
24	86	54	59	62	77	68
May 1	90	68	72	76	87	79
8	94	84	85	87	92	88
15	98	91	93	93	97	94
22	99	97	98	98	99	98
29	100	100	99	100	100	100
June 5			100			
			SQUARING			
June 5	34	15	40	41	41	34
12	52	38	59	58	75	56
19	78	63	78	76	90	77
26	95	75	88	88	96	88
July 3	98	90	93	94	99	95
10	99	96	98	97	100	98
17	100	99	99	99		99
24		100	100	100		100
			SETTING BOLLS			
June 26	64	18	24	41	38	37
July 3	75	39	48	57	55	55
10	85	62	68	70	71	71
17	93	74	86	85	84	84
24	97	88	95	95	93	94
31	99	94	99	99	98	98
Aug. 7	100	98	100	100	100	100
14		100				100
			OPEN BOLLS			
Aug. 7	26	28	25	28	29	27
14	38	39	36	40	45	40
21	51	46	50	58	61	53
28	67	73	70	76	74	72
Sept. 4	77	93	82	90	86	86
11	83	97	92	95	92	92
18	87	100	97	98	97	96
25	93		98	100	99	98
Oct. 2	96		100		100	99
9	99					99
16	100					100

1/ See footnote at end of table.

Continued--

COTTON PROGRESS: Arizona, by survey week, 1990-94--continued

Month and week 1/	1990	1991	1992	1993	1994	5-year average
			Percent of acreage			
			HARVESTED			
Oct. 2	18	14	28	28	23	22
9	28	22	40	40	32	32
16	42	32	58	57	48	47
23	56	44	70	68	67	61
30	68	58	73	74	77	70
Nov. 6	80	70	83	85	86	81
13	87	82	93	90	92	89
20	92	89	97	94	95	93
27	97	95	98	95	97	96
Dec. 4	99	98	99	97	99	98
11	100	99	100	100	99	100
18		100			99	100
25					100	100

1/ Dates are for 1994 crop; comparable data are for 1990-93.

UPLAND COTTON: Ginning charges, harvesting practices, and selected marketing costs, Arizona 1989/90-1993/94

Item	Unit	1989/90	1990/91	1991/92	1992/93	1993/94
BALES GINNED 1/ (running bales)	Thousands	619	954	1,018	805	853
ACTIVE GINS	Number	89	90	85	81	69
GINNING AND WRAPPING CHARGES:						
Total charges per 480-lb net weight bale 2/	Dollars	42.15	41.95	41.88	41.49	41.85
METHOD OF HARVESTING:						
Machine-picked	Percent	96	99	96	95	98
Machine-scrapped	Percent	4	1	4	5	2
WEIGHT OF SEED COTTON PER 480-LB NET WEIGHT BALE:						
Machine-picked	Pounds	1,501	1,473	1,452	1,464	1,467
Machine-scrapped	Pounds	1,946	1,950	1,801	1,753	1,801
COTTON GINNED FROM						
Trailers	Percent	23	32	27	17	13
Modules	Percent	77	68	73	83	87
CHARGES FOR WAREHOUSING AND RELATED SERVICES 3/						
Charge per bale per month for insured storage	Dollars	1.97	1.97	1.99	2.00	2.01
Charge per bale for compressing to universal density	Dollars	5.75	5.75	6.25	6.50	6.60
Charge per bale for outhandling	Dollars	4.82	4.82	4.87	5.16	5.27

1/ Excludes all American-Pima and upland cotton ginned on roller gins.

2/ 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.

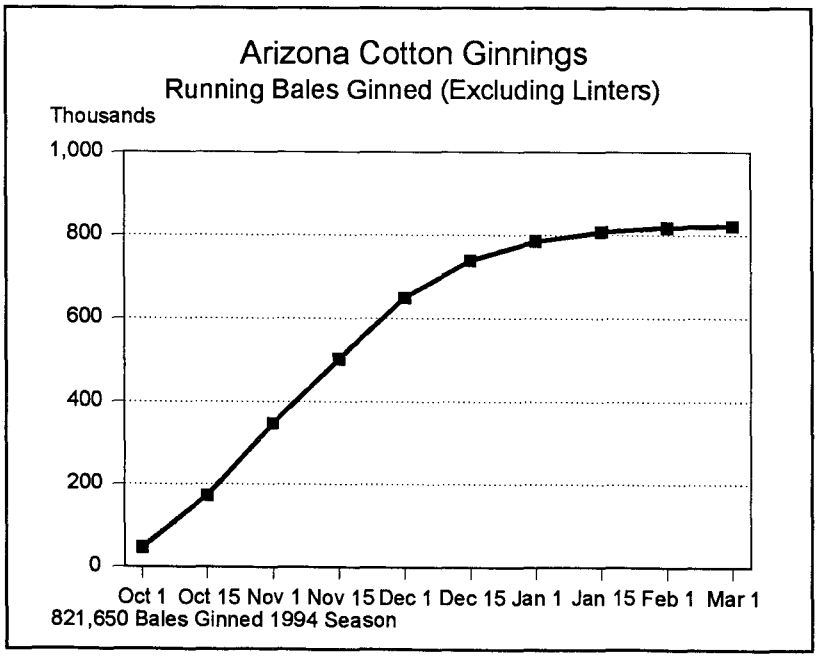
3/ Based on published tariffs.

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 1991-94

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			
1991	23,700	24,100	23,900	1991	178,900	183,950	178,900
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
MARICOPA				UPLAND			
1991	412,400	422,700	377,700	1991	839,100	862,300	872,500
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
PIMA							
1991	38,900	40,050	27,500				
1992	32,000	32,800	30,400				
1993	1/						
1994	1/						
PINAL							
1991	369,250	380,800	413,200				
1992	284,950	292,050	309,950				
1993	250,100	257,900	264,000				
1994	253,400	262,300	279,000				
YUMA							
1991	70,750	73,200	71,850				
1992	54,550	56,500	54,650				
1993	58,800	61,050	57,700				
1994	66,100	68,400	64,350				
OTHER COUNTIES							
1991	103,000	105,400	137,250				
1992	97,950	100,400	136,300				
1993	135,600	140,500	179,650				
1994	132,400	137,100	155,550				
ARIZONA							
1991	1,018,000	1,046,250	1,051,400				
1992	805,350	825,200	841,500				
1993	816,750	839,200	852,700				
1994	821,650	845,100	837,600				

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, 1990-94

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		
1990	79	94	94	47	8	155	68	21	11	59	30
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/

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, 1990-94

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
1990	104	10	43	37	10	38.4	23.1	44,656
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

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 1990-94

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
1990	292	3.96	1.54	4	19.6	115	1,119
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	1,215

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, 1989-93 1/

Pesticide type	1989	1990	1991	1992	1993
			1,000 lbs technical material		
INSECTICIDES					
Acephate	77	57	49	72	69
Azinphos-Methyl	38	90	37	28	11
Chlorpyrifos	62	87	85	61	158
DDVD	7	34	8	16	24
Diazinon	25	8	7	16	76
Dimethoate	14	9	16	12	33
Disulfoton	147	16	18	27	25
Endosulfan	0	12	27	82	66
Formetanate	13	10	4	12	17
Malathion	72	30	52	93	115
Methamidophos	6	3	17	10	7
Methomyl	67	78	60	77	76
Mevinphos	26	7	9	20	24
Oxydisulfoton	2/	14	53	29	6
Parathion-Ethyl	0	0	24	12	0
Parathion-Methyl	0	0	88	43	9
Permethrin	11	5	6	10	66
Profenofos	4	3	6	14	5
Sulfur	349	31	372	86	34
Thiodicarb	0	17	7	5	6
Other	93	56	58	41	58
TOTAL	1,011	567	1,003	766	885
HERBICIDES					
Benefin	10	7	18	22	30
Chlorthal Dimethyl	0	0	0	33	58
Cyanazine	17	30	21	19	22
DCPA	7	22	25	45	34
Diuron	14	22	29	25	21
EPTC	40	44	47	47	47
Glyphosate	124	58	54	87	114
MSMA	6	2/	20	12	18
Pendimethalin	35	39	35	34	17
Prometryn	54	76	130	68	78
Pronamide	12	12	12	24	28
Trifluralin	43	61	62	45	41
Other	54	32	42	44	43
TOTAL	416	403	495	505	551
FUNGICIDES AND BACTERICIDES					
Aluminum Tris	0	8	1	9	54
Copper Sulfate	43	83	151	301	381
Maneb	0	0	2/	12	41
Manex	0	0	0	1	16
Metalaxyl	10	2	2	5	7
PCNB	3	5	3	3	4
Zinc Sulfate	2/	8	3	3	20
Other	15	9	12	21	27
TOTAL	71	115	172	355	550
DEFOLIANTS, DESSICANTS, AND GROWTH REGULATORS					
Arsenic Acid	24	3	2/	0	0
DEF	37	69	50	47	42
Merphos	18	29	73	2/	1
Paraquat	7	5	7	10	10
Sodium Chlorate	463	438	685	539	366
Other	18	11	13	14	15
TOTAL	567	555	828	610	434
FUMIGANTS					
Dichloropropene	204	39	9	0	0
Metam Sodium	7	65	32	10	7
Methyl Bromide	8	0	0	0	0
Other	12	0	0	0	13
TOTAL	231	104	41	10	20

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, 1990-94

Fertilizer and minerals	1990	1991	1992	1993	1994
			Tons		
DRY FERTILIZERS					
Ammonium phosphate, 11-52(53)-0	30,873	27,974	28,223	31,798	30,535
Ammonium phosphate, 11-48-0	500	0	0	0	0
Ammonium phosphate, 16-20-0	6,956	6,136	6,613	6,371	7,049
Ammonium phosphate, 18-46-0	3,687	3,699	3,446	1,964	2,172
Ammonium nitrate	4,314	4,245	4,187	3,506	11,551
Ammonium sulfate	9,491	11,634	8,992	7,624	9,876
Calcium nitrate and sodium nitrate	1,353	894	1,187	1,349	1,282
Potassium sulfate and/or chloride	2,561	1,398	709	720	365
Super phosphate, treble	2,995	1,491	829	1,148	1,104
Urea	20,173	17,579	18,429	20,198	23,450
Miscellaneous dry fertilizer	27,881	32,086	33,920	39,546	44,591
Total Dry Fertilizers	110,783	107,136	106,534	114,224	131,976
LIQUID FERTILIZERS					
Anhydrous ammonia	20,287	13,872	15,799	14,614	18,083
Ammonia solution, 20-0-0	7,460	8,458	5,688	5,097	8,702
Ammonium nitrate solution, 20-0-0	21,773	22,527	20,521	33,706	19,310
Urea, ammonium nitrate solution, 32-0-0	118,025	108,983	108,319	100,886	113,256
Calcium ammonium nitrate solution, 17-0-0	17,728	18,919	18,013	12,403	19,326
Phosphoric acid	2,082	2,554	1,855	2,761	2,823
Miscellaneous liquids	46,807	35,435	34,778	45,562	59,536
Total Liquid Fertilizers	234,162	210,748	204,972	215,029	241,036
AGRICULTURAL MINERALS					
Gypsum	64,372	60,219	40,074	30,528	29,363
Iron products	3,377	786	1,086	850	630
Sulfur products	2,178	1,603	1,397	5,165	1,059
Lime sulfur solution	289	252	261	1,157	107
Sulfuric acid	6,266	7,999	9,749	9,457	11,377
Micro nutrients	1,484	2,589	2,133	2,015	1,406
Miscellaneous minerals	42	0	0	0	0
Total Agricultural Minerals	78,009	73,448	54,699	49,172	43,943
TOTAL TONNAGE ALL PRODUCTS	422,954	391,332	366,205	378,425	416,954

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 1994 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 1994 1/

Agricultural Chemical 2/	Area applied 3/	Rate per crop year	Total applied
	Percent	Lbs per acre	Mil lbs
FERTILIZERS			
nitrogen	99	223	68.6
phosphate	45	53	7.4
potash	22	10	.7
	Percent	Lbs per acre	1,000 lbs
HERBICIDES			
cyanazine	6	.99	19
MSMA	6	.91	18
pendimethalin	26	.77	63
prometryn	32	1.08	110
trifluralin	37	.95	110
INSECTICIDES			
acephate	71	1.53	339
amitraz	11	.23	8
azinphos-methyl	12	3.67	138
chlorpyrifos	62	1.44	278
dimethoate	17	.57	30
endosulfan	12	.88	34
esfenvalerate	15	.04	2
fenpropathrin	66	.48	100
lambdacyhalothrin	29	.06	5
malathion	12	1.91	74
methyl parathion	14	1.62	70
oxamyl	11	.22	7
profenofos	5	.70	10
tralomethrin	11	.03	1
zeta-cypermethrin	18	.11	6
OTHER CHEMICALS			
endothall	6	.13	3
paraquat	11	.15	5
solium chlorate	43	5.73	773
thidiazuron	34	.38	40
tribufos	11	1.18	40

1/ Area planted in 1994 for Arizona was 313,000 acres.

2/ Insufficent reports to publish data for the following agricultural chemicals; Herbicides: Clethodim, Diuron, Fluazifop-P-butyl, Glyphosate, Insecticides: Bifenthrin, Cyfluthrin, Cypermethrin, Diazinon, Methamidophos, Methomyl, Permethrin, Phorate. Fungicides: Mancozeb, PCNB. Other Chemicals: Cacodylic acid, Cytokinins, Dichloropropene, Gossyplure, Maleic hydrazide, Mepiquat chloride.

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
glyphosate	Roundup, Ranger, Rattler, Rodeo
MSMA	several
pendimethalin	Prowl
prometryn	Caparol, Cotton-Pro
trifluralin	Treflan, Trilin, Trific
INSECTICIDES	
acephate	Orthene, Payload
amitraz	Ovasyn
azinphos-methyl	Guthion
bifenthrin	Capture
chlorpyrifos	Lorsban, Dursban
cyfluthrin	Baythroid
cypermethrin	Ammo, Cymbush
diazinon	several
dimethoate	several
endosulfan	Thiodan
esfenvalerate	Asana
fenpropathrin	Danitol
lambdacyhalothrin	Karate
malathion	several
methamidophos	Monitor
methomyl	Lannate
methyl parathion	several
oxamyl	Vydate
permethrin	Ambush, Pounce
phorate	Thimet
profenofos	Curacron
tralomethrin	Scout
zeta-cypermethrin	Fury, Mustang
FUNGICIDES	
mancozeb	several
PCNB	Terraclor
OTHER CHEMICALS	
cacodylic acid	Bolls-eye, Cotton-Aide
cytokinins	Triggrr, Burst, Promalin
dichloropropene	Telone
endothall	Des-I-Cate, Accelerate
gossyplure	Nomate, Stirrup
maleic hydrazide	Royal MH-30, Super Sprout Stop
mepiquat chloride	Pix, Ponnax
paraquat	Gramoxone, Cyclone, Starfire
sodium chlorate	several
thidiazuron	Dropp
tribufos	Def, Folex

WEATHER

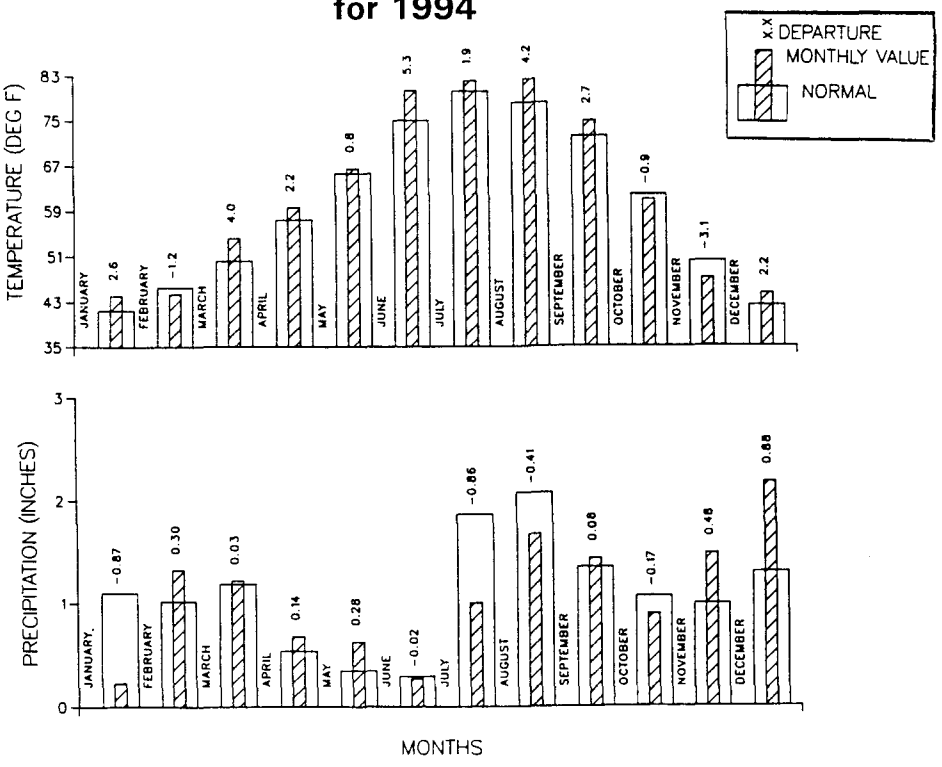
Northern Arizona experienced above normal temperatures, and generally below normal amounts of precipitation. Stations in Mohave County recorded above normal temperatures in all months except February and November, with above normal precipitation being reported in only February and December. Data showed temperatures 4.1 degrees above normal and rainfall 3.28 inches below normal. Yavapai County stations had similar annual readings with temperatures 2 degrees above normal and precipitation 2.11 inches below normal. Below normal temperature averages were recorded in February, October, and November, with above normal precipitation recorded in February, April, May, September, and December. Coconino, Navajo, and Apache counties were also above normal with temperature readings, but unlike the other counties also had above normal precipitation. Annual averages were 1 degree above normal and .52 inch of rainfall above normal. Below normal averages were recorded in February, October, and November, with below normal precipitations recorded in January, March, July, and August.

Central Arizona, including Maricopa and Pinal counties, had above normal monthly temperatures every month except February and October. For the year, temperatures were 1.3 degrees above normal. Precipitation was near average, with annual readings being .08 inch below normal. Below normal rainfall was recorded in January, April, June, July, August and October. Monsoon moisture did not produce expected precipitation levels anywhere in the State. Extremes for the area showed a high temperature of 123 degrees recorded on June 20 at the Casa Grande National Monument and a low of 19 degrees at Wickenburg on November 20.

La Paz and Yuma counties in southwest Arizona, along the Colorado River, experienced some of the state's warmest temperatures as a region. Salome was 125 degrees on June 29, with the coolest recording of 24 degrees in Bouse on November 28. February, October, and November were the only months with below normal averages, with the annual departure from normal being 1.3 degrees. Precipitation was .41 inch above normal for the year with only January, April, June, August, October, and November being below normal.

Higher elevations of East Central and Southeast Arizona also experienced above normal precipitation and temperature readings. Below normal monthly averages were only reported in October and November, as annual readings were 2 degrees above normal in the district containing the most counties. Cochise, Gila, Graham, Greenlee, Pima, and Santa Cruz counties recorded an annual precipitation of .85 inch above normal, with January, April, July, August, September, and October being below normal. Extremes recorded were 7 degrees on February 12 at the Black River Pumps station and 116 degrees recorded in Clifton on June 26 and at a Tucson station on June 29.

Arizona Temperature and Precipitation areally weighted state averages and departures from normal (1961-1990) for 1994



MEAN MONTHLY TEMPERATURE: Arizona, 1994 and long-term average 1/

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
						Degrees fahreneheit							
Aguila	49.3	47.4	57.4	62.9	68.7	82.8	85.6	87.6	79.8	64.6	49.4	49.1	65.4
	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	53.6	54.8	63.6	69.9	76.1	89.0	91.9	94.1	85.9	71.1	56.8	54.2	71.8
	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	52.7	54.7	63.6	70.5	75.9	90.0	91.9	92.4	85.1	71.3	57.8	54.6	71.7
	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	53.2	62.6	M	75.0	88.5	90.4	91.3	83.5	70.5	55.9	52.9	70.5
	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	50.7	51.7	63.6	69.4	75.8	90.0	92.4	92.9	84.9	69.3	54.2	52.0	70.6
	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	45.8	47.9	55.6	62.0	69.4	81.7	81.5	80.4	74.4	62.6	51.5	47.1	63.3
	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	32.8	29.8	40.6	44.3	51.7	59.9	65.4	66.4	58.1	44.2	32.2	32.1	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	55.4	57.0	66.9	73.0	78.4	92.6	94.8	96.5	89.0	73.3	58.6	M	2/ 76.0
	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/	31.4	28.0	40.4	43.8	53.1	65.6	69.0	68.4	61.0	45.6	33.1	33.0	47.7
McNary	34.3	29.6	39.3	44.1	51.8	65.5	66.4	65.3	59.1	46.2	35.4	34.7	47.6
	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	55.5	56.1	66.7	72.1	77.6	M	M	94.3	87.8	72.6	57.0	54.3	4/ 69.4
	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	40.0	39.9	47.9	53.1	58.6	72.5	75.4	77.2	69.8	55.9	42.3	41.3	56.2
	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	56.8	58.1	65.0	71.8	78.3	92.2	93.9	95.3	86.9	73.1	58.0	55.3	73.7
	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	39.3	37.8	47.0	52.6	58.8	72.7	75.2	75.2	67.3	53.2	39.8	38.8	54.8
	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	47.7	57.0	63.2	70.4	84.5	84.2	83.5	76.8	63.6	50.5	46.9	64.4
	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	53.7	55.2	62.9	68.6	75.6	89.2	90.4	90.3	84.2	70.5	56.7	53.9	70.9
	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	49.6	48.0	M	64.5	70.9	83.5	87.4	88.2	80.8	64.9	50.3	48.9	2/ 67.0
	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	43.6	47.4	54.2	59.8	67.0	80.3	81.5	81.1	73.8	61.4	50.2	46.3	62.2
	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	31.8	32.1	42.4	47.0	55.4	69.3	71.7	70.3	61.4	48.1	M	33.6	51.2
	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	34.7	38.0	47.6	53.9	61.3	75.1	78.0	78.2	69.0	54.3	40.1	36.4	55.6
	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	59.4	59.6	68.8	73.6	79.3	93.3	95.8	97.1	90.4	75.7	59.8	56.4	75.8
	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 1994, 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, 1994 and long-term average 1/

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							Inches						
Aguila	.05	.77	.22	.00	.91	.35	1.18	.37	.00	M	.00	1.50	2/ 5.35
	1.00	.89	1.14	.31	.19	.12	.91	1.49	.93	.81	.78	1.01	9.58
Buckeye	T	.88	1.05	.03	.20	.02	.61	.17	1.15	.22	.54	2.38	7.25
	.69	.71	.79	.21	.11	.04	.63	1.16	1.00	.55	.68	.93	7.50
Casa Grande	.06	1.01	1.38	.21	.40	T	.33	.51	1.53	1.44	1.11	2.37	10.35
	.73	.69	.88	.27	.13	.13	.88	1.98	.86	.77	.76	1.17	9.25
Chandler Heights	.08	1.10	1.02	M	1.17	T	.38	.69	1.59	.76	.92	2.26	2/ 9.06
	.83	.90	1.12	.32	.12	.06	.76	1.20	.94	.77	.86	1.16	9.04
Coolidge	.15	1.24	1.33	.48	.89	.05	.22	.52	.55	1.05	1.22	2.66	10.36
	.75	.82	1.00	.31	.13	.11	.95	1.20	.80	.91	.76	1.31	9.05
Douglas	.08	.31	.45	.07	.12	1.28	1.72	2.52	2.21	.35	3.35	3.86	16.32
	.73	.52	.40	.21	.20	.47	3.41	2.98	1.77	1.09	.60	1.04	13.42
Flagstaff	.38	2.47	3.03	2.48	1.01	.23	1.70	3.61	2.75	1.12	1.91	1.43	22.12
	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	.09	.81	.64	.09	.65	T	.39	.67	.87	.04	.50	M	2/ 4.75
	.61	.60	.61	.20	.14	.03	.67	1.24	.71	.45	.67	.93	6.86
Grand Canyon 3/	.51	2.01	1.36	.96	.07	.05	1.41	1.64	1.16	1.59	1.03	1.32	13.11
McNary	.46	2.63	2.36	1.90	.89	.93	3.43	4.80	3.52	2.82	5.30	1.76	30.80
	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	.08	.37	1.35	T	.34	.22	.77	T	.00	.00	.42	2.89	6.44
	.60	.44	.50	.17	.06	.02	.30	.54	.50	.37	.45	.55	4.50
Payson	.27	2.18	2.03	1.30	1.88	.31	1.46	1.65	1.36	1.10	1.42	2.74	17.70
	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	.13	.54	1.36	.09	.39	T	.25	.02	1.74	.55	.68	3.03	8.78
	.67	.68	.88	.22	.12	.13	.83	.96	.86	.65	.66	1.00	7.66
Prescott	.35	1.66	1.16	1.64	.46	.25	1.53	3.79	3.28	.98	1.09	2.06	18.25
	1.53	1.54	1.82	.81	.55	.46	3.20	3.43	2.00	1.12	1.54	1.63	19.63
Safford	.09	.68	.62	.22	.35	.16	.77	1.61	.81	.74	1.77	1.71	9.53
	.68	.65	.52	.21	.18	.26	1.73	1.57	1.36	1.00	.56	.96	9.68
Tucson	.02	1.03	1.14	.04	.52	.26	.41	.45	1.46	.76	1.83	3.71	11.63
	.87	.70	.72	.30	.18	.20	2.37	2.19	1.67	1.06	.67	1.07	12.00
Wikieup	.00	.23	M	.34	.24	.00	.49	.16	.10	.06	1.12	1.39	2/ 4.13
	1.14	1.15	1.14	.45	.18	.11	.91	1.53	1.06	.66	.95	1.06	10.34
Willcox	.31	.62	1.07	.05	.70	.65	1.65	2.76	2.31	.34	2.80	4.08	17.34
	.94	.72	.57	.26	.22	.30	2.67	2.71	1.47	1.16	.61	1.29	12.92
Window Rock	.00	.20	2.64	.00	.48	.00	.29	.23	.10	1.04	M	M	4/ 4.98
	.66	.71	.92	.61	.37	.41	1.89	2.14	1.39	1.26	1.01	.91	12.28
Winslow	.17	.35	.59	.75	.62	.09	.12	.79	1.56	.32	.44	.44	6.24
	.45	.52	.55	.26	.31	.31	1.20	1.39	.91	.91	.57	.66	8.04
Yuma	T	.26	.12	T	.31	.00	T	.06	1.44	.00	T	1.02	3.21
	.35	.22	.21	.14	.04	.02	.26	.64	.31	.29	.24	.45	3.17

1/ Top row 1994, 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 1990-94

District and Station	1990		1991		1992		1993		1994	
	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 17	Sept. 29	June 27	Oct. 5	May 25	Oct. 5	June 9	Sept. 14	June 5	Sept. 15
Grand Canyon	June 16	Oct. 8	June 2	Oct. 25	June 15	Oct. 4	June 9	Sept. 14	May 22	Sept. 14
McNary	May 30	Oct. 9	June 1	Oct. 28	Apr. 24	Oct. 26	June 8	Oct. 19	May 26	Oct. 6
Prescott	May 2	Oct. 9	May 11	Oct. 26	Apr. 20	Nov. 1	May 9	Oct. 21	Apr. 29	Oct. 16
Window Rock	Apr. 27	Oct. 9	May 19	Oct. 26	Apr. 21	Oct. 8	June 7	Sept. 25	May 25	Oct. 6
Winslow	Apr. 3	Oct. 9	May 12	Oct. 28	Mar. 25	Oct. 8	May 9	Oct. 21	Apr. 29	Oct. 17
DISTRICT 5										
Aguila	Mar. 14	Nov. 26	Apr. 13	Oct. 29	Jan. 22	Nov. 12	Feb. 22	Nov. 25	Mar. 27	Nov. 12
Buckeye	Feb. 22	Nov. 27	Feb. 1	Dec. 2	Jan. 17	Nov. 25	Jan. 4	Nov. 26	Mar. 8	Nov. 20
Casa Grande	Mar. 14	Nov. 28	M	Dec. 2	Jan. 23	M	Jan. 12	Nov. 26	Feb. 6	Nov. 22
Chandler Heights	Mar. 14	Dec. 22	Feb. 1	Dec. 2	Jan. 17	Nov. 24	Jan. 4	Nov. 27	Feb. 24	Nov. 20
Coolidge	Mar. 15	Nov. 28	Mar. 13	Dec. 2	Feb. 25	Nov. 11	Feb. 4	Nov. 14	Feb. 28	Nov. 18
Gila Bend	Feb. 16	Dec. 18	Jan. 30	1/	1/	Nov. 25	1/	Dec. 22	Feb. 3	Nov. 20
Phoenix	Feb. 16	Dec. 23	1/	1/	1/	1/	1/	1/	1/	1/
DISTRICT 7										
Parker	Feb. 17	Dec. 18	Jan. 30	Dec. 2	1/	Dec. 17	Jan. 4	Dec. 23	1/	1/
Wikieup	Mar. 16	Nov. 6	Apr. 12	Oct. 29	Jan. 23	Nov. 22	Mar. 4	Nov. 7	Feb. 1	Nov. 5
Yuma	Feb. 16	Dec. 23	Feb. 27	1/	1/	1/	1/	1/	1/	1/
DISTRICT 9										
Douglas	Mar. 17	Nov. 4	Apr. 29	Oct. 28	Mar. 19	Nov. 5	Apr. 15	Oct. 31	Apr. 6	Nov. 4
Payson	May 3	Oct. 10	May 12	Oct. 27	Apr. 21	Oct. 8	June 7	Oct. 28	May 21	Oct. 17
Safford	Mar. 16	Nov. 5	Apr. 29	Oct. 29	Mar. 11	Nov. 4	Apr. 8	Oct. 31	Mar. 28	Nov. 5
Tucson	Mar. 15	Nov. 28	Jan. 31	Dec. 2	Jan. 17	Nov. 21	Jan. 4	Nov. 26	Feb. 1	Nov. 20
Willcox	Mar. 30	Oct. 22	Apr. 29	Oct. 29	Mar. 25	Nov. 2	Apr. 15	Oct. 31	Apr. 28	Oct. 17

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, 1991-95

Basin or stream	Reservoir	Usable Capacity	Usable storage				
			1991	1992	1993	1994	1995
			Thousand acre feet				
GILA RIVER DRAINAGE							
Agua Fria	Lake Pleasant	1,100.0	104.8	91.2	465.0	807.1	738.3
Gila	San Carlos	935.0	448.9	707.6	824.9	502.0	866.5
Gila	Painted Rock Dam	2,492.0	1.3	162.8	2,161.2	.0	1/
Salt	Roosevelt, Apache Canyon, and Saguaro	1,710.0	1,486.8	1,445.3	1,461.7	1,302.3	1,580.8
Verde	Bartlett and Horseshoe	310.0	269.2	287.1	283.6	241.2	236.5
COLORADO RIVER DRAINAGE							
Colorado	Lake Havasu	619.0	607.8	573.8	571.7	581.3	598.4
Colorado	Lake Mohave	1,810.0	1,759.2	1,671.7	1,690.8	1,667.0	1,695.7
Colorado	Lake Mead	26,159.0	20,050.0	20,182.0	21,981.0	21,291.0	20,536.0
Colorado	Lake Powell	24,322.0	15,098.0	13,699.0	13,412.0	17,785.0	16,580.0
Little Colorado	Lyman Lake	30.0	.0	.0	19.1	22.5	21.8
Show Low Creek	Show Low Lake	5.1	5.1	5.1	5.1	6.2	5.1

1/ Not available.

SUMMARY: Snow surveys conducted at the end of March showed below normal snowpack conditions in the Verde, Little Colorado, San Francisco-Upper Gila, and Salt River basins. Additionally, reservoir storage remained good at all locations and the long range forecast for above median streamflows remained in effect for the Salt, San Francisco, Little Colorado, and Virgin Rivers.

SNOWPACK: Snow surveys showed the water content of the Arizona snowpack to vary from a low of 2 percent of average in the Verde River Basin to a high of 213 percent of average in the Chuska Mountains. In the Salt River Basin, snow water content was measured at 83 percent of average, while the San Francisco-Upper Gila River Basin was measured at 93 percent of average. In the Little Colorado River Basin, snow water content of the remaining snowpack was measured at 49 percent of average, while along the Central Mogollon Rim, the snowpack was measured at 53 percent of average. At the San Francisco Peaks, the water content of the snowpack was measured at 175 percent of average. At the Grand Canyon, combined snow survey data showed the snowpack to have a water content of 117 percent of average.

PRECIPITATION: Precipitation measurements the first half of March showed most Arizona locations to have above average conditions for this time of year. The big storm events which passed through the state left heaviest amounts of precipitation in central and northern Arizona where mid-month totals of 1.5 to 2.5 inches of precipitation were common. Rainfall amounts were one-half inch or less the remainder of March. Lighter precipitation fell over the southern portion of the state, where most stations reported one-half to three-quarters inch of precipitation the first two weeks of March and little or none the remainder of the month.

RESERVOIRS: April 1 reservoir storage remains good at most locations. In that regard, the SRP estimates the Salt River reservoir system to be 90 percent of combined capacity, with a total storage of 1,536,337 acre feet. On the Verde River, the reservoir system showed an 81 percent combined capacity, with 251,970 acre feet in total storage. On the Colorado River, Lakes Havasu, Mohave, Mead, and Powell were 73 percent of combined capacity, with a combined storage of 39,316,300 acre feet. Near Phoenix, Lake Pleasant was at 88 percent of capacity, with 743,100 acre feet in storage. In Gila County, San Carlos Reservoir reported 866,300 acre feet in storage, at 93 percent capacity. In northern Arizona, Lyman Lake was at 88 percent of capacity, with 27,400 acre feet in storage, while Show Low Lake was full at 5,100 acre feet. Near Flagstaff, Upper Lake Mary was full at 15,624 acre feet, while Lower Lake Mary was at 91 percent of capacity, with 7,844 acre feet in storage.

STREAMFLOW: With mild temperatures resulting in declining mountain snowpacks, it is predicted that streamflows will subside to near or below median levels throughout the State. For the Salt River, the forecast calls for 109 percent of median streamflow through May, while in Tonto Creek, the forecast calls for 78 percent of median streamflow. In the Verde River, streamflow is expected to be 42 percent of median through May. In the San Francisco River, near Clifton, flows are predicted to be 114 percent of median, while at Soloman, the Gila River is forecast to flow 82 percent of median. In northern Arizona, Little Colorado River inflow to Lyman Lake is forecast to be 113 percent of median through June. In northwestern Arizona, Colorado River inflow to Lake Powell is forecast to be 107 percent of median through July. In the Virgin River, at Littlefield, the forecast calls for 364 percent of median streamflow through July.

Source: United States Department of Agriculture, Soil Conservation Service; Arizona Basin Outlook Report, April 1, 1995.

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 1990-April 1995 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		
1990										
January 7-13	12	2	14	11	24	35	49	33.7	29.3	46.4
April 8-14	14	2	16	11	23	34	50	36.0	32.3	50.8
July 8-14	16	3	19	10	25	35	54	41.6	36.1	48.7
October 7-13	15	2	17	11	26	37	54	38.5	38.6	49.4
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

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

FARM WAGE RATES: Mountain III Region, by survey week, January 1990-April 1995 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								
1990									
January 7-13	5.51	4.96	5.20	5.04	8.92	7.87	4.99	2/	6.15
April 8-14	5.23	4.74	4.88	4.81	7.75	6.61	4.85	5.85	5.68
July 8-14	5.13	4.51	5.16	4.71	7.94	2/	4.79	2/	5.96
October 7-13	5.45	5.04	4.90	4.98	7.64	6.72	5.24	2/	5.74
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

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 1995 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		15		6.40			
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
	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

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.

LAND OWNERSHIP AND ADMINISTRATION: Acres and percent of total, Arizona, by counties, 1994 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	489	124	647	4,690	1,077	154	7,181	7,175	6
Cochise	490	376	1,372	0	1,630	112	3,980	3,980	0
Coconino	3,271	612	1,130	5,355	717	862	11,947	11,909	38
Gila	1,703	65	31	1,158	82	28	3,067	3,041	26
Graham	396	760	497	1,072	249	3	2,977	2,963	14
Greenlee	751	172	174	0	73	6	1,176	1,176	0
La Paz	0	1,691	255	256	121	566	2,889	2,870	19
Maricopa	658	2,433	664	263	1,805	81	5,904	5,841	63
Mohave	5	5,237	566	544	853	1,417	8,622	8,503	119
Navajo	487	88	370	3,465	1,934	30	6,374	6,371	3
Pima	390	364	872	2,491	760	1,003	5,880	5,880	0
Pinal	223	290	1,216	774	892	44	3,439	3,420	19
Santa Cruz	419	4	62	0	307	0	792	792	0
Yavapai	1,964	568	1,278	8	1,362	21	5,201	5,198	3
Yuma	0	1,474	269	9	336	1,443	3,531	3,526	5
Total	11,246	14,258	9,403	20,085	12,198	5,770	72,960	72,645	315

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	65	15	2
Cochise	12	9	35	0	41	3
Coconino	27	5	10	45	6	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	9	4	20
Maricopa	11	41	11	5	31	1
Mohave	6/	61	6	6	10	17
Navajo	8	1	6	54	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	25	6/	26	6/
Yuma	0	42	8	6/	9	41
Total	15	20	13	27	17	8

1/ Reference dates: Forest Service, September 30, 1993; Bureau of Land Management, July 1995; State of Arizona, September 30, 1993, and Bureau of Indian Affairs, December 31, 1989.

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 1989/90-1993/94 1/

COMMODITY GROUP	1989/90	1990/91	1991/92	1992/93	1993/94
			Million dollars		
Wheat and products	22.3	10.3	11.8	13.2	21.8
Cotton, including linters	241.1	210.3	156.5	84.2	124.0
Cottonseed and products	8.4	4.8	6.5	5.2	6.3
Fruits and preparations	50.6	63.7	70.8	46.4	53.6
Vegetables and preparations	29.1	43.1	52.4	49.5	45.5
Live animals and meat (excludes poultry)	24.4	27.0	34.1	32.7	35.4
Hides and skins	16.1	12.4	12.5	12.0	14.7
Fats, oils, and greases	4.3	3.5	4.4	4.6	4.7
Dairy products	3.5	3.0	7.2	9.1	9.3
Feeds and fodders	3.1	4.3	5.4	6.1	7.4
Seeds	9.9	11.3	14.7	12.1	12.9
Other 2/	3.8	4.2	4.3	3.3	3.6
ARIZONA	416.6	397.8	380.8	278.5	339.3
UNITED STATES	40,219.6	37,609.2	42,429.8	42,589.4	43,510.9

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.

VALUE OF U.S. FOREIGN TRADE AND TRADE BALANCE: Agricultural and nonagricultural, 1989/90-1993/94 1/

Year	Agricultural	Nonagricultural	Total	Agricultural percent of total
		Million dollars		Percent
U.S. EXPORTS 2/				
1989/90	40,220	326,059	366,279	11
1990/91	37,609	356,682	394,291	10
1991/92	42,430	383,517	425,947	10
1992/93	42,589	390,783	433,373	10
1993/94	43,511	425,506	469,017	9
U.S. IMPORTS 3/				
1989/90	22,560	458,101	480,661	5
1990/91	22,588	463,720	486,308	5
1991/92	24,323	488,556	512,879	5
1992/93	24,454	537,584	562,038	4
1993/94	26,365	605,333	631,697	4
TRADE BALANCE				
1989/90	17,660	-132,042	-114,382	
1990/91	15,021	-107,038	-92,017	
1991/92	18,107	-105,039	-86,932	
1992/93	18,135	-146,800	-128,665	
1993/94	17,146	-179,826	-162,680	

1/ Fiscal years October 1-September 30. 2/ Domestic exports, including Defense Department grant-aid. 3/ Imports for consumption, customs value basis. 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 and 1994/95 1/

Region	Supply			Use		Loss 2/	Ending stocks
	Beginning stocks	Production	Imports 3/	Domestic	Exports 3/		
			Million 480-pound bales				
			1993/94				
World	35.60	76.89	27.89	85.72	26.73	.52	27.42
United States	4.66	16.13	.01	10.42	6.86	-.01	3.53
Total Foreign	30.94	60.76	27.88	75.30	19.86	.53	23.89
Major exporters 5/	23.10	53.49	4.01	48.70	15.23	.39	16.28
China	10.44	17.20	.81	21.20	.75	.30	6.20
Pakistan	2.16	6.28	.35	6.73	.32	.06	1.69
India	2.92	9.60	.27	9.92	.31	.00	2.58
Uzbekistan	1.85	6.24	.00	.93	6.20	.00	.96
Turkmenistan	.45	1.85	.00	.10	2.00	.00	.20
Africa Free Zone 6/	.66	2.42	.04	.31	2.03	.00	.78
Southern Hemisphere 7/	3.26	5.00	1.94	4.72	2.39	.01	3.09
Australia	.74	1.51	.00	.15	1.53	.00	.57
Brazil	1.83	1.86	1.87	3.95	.01	.00	1.60
Major importers	5.00	1.74	18.81	18.45	1.78	.07	5.27
Europe	2.20	1.70	6.77	7.02	1.05	.02	2.59
Selected Asia 8/	2.64	.04	9.45	9.43	.13	.05	2.52
Japan	.50	.00	1.99	2.07	.00	.00	.42
South Korea	.66	4/	1.63	1.60	.00	.00	.68
Russia	.16	.00	2.60	2.00	.60	.00	.16
			1994/95 (Estimated)				
World	27.42	83.54	30.11	84.99	28.90	.16	27.01
United States	3.53	19.66	.02	11.40	10.20	-.09	1.70
Total Foreign	23.89	63.87	30.09	73.59	18.70	.25	25.31
Major exporters 5/	16.28	56.13	7.21	47.60	13.88	.09	18.04
China	6.20	19.50	3.60	20.00	.40	.00	8.90
Pakistan	1.69	6.20	.60	6.70	.20	.05	1.54
India	2.58	9.60	.63	10.00	.23	.00	2.58
Uzbekistan	.96	5.85	.00	.90	5.30	.00	.61
Turkmenistan	.20	1.79	.00	.10	1.70	.00	.18
Africa Free Zone 6/	.78	2.79	.04	.31	2.77	.00	.52
Southern Hemisphere 7/	3.09	5.91	1.55	4.88	2.84	.01	2.81
Australia	.57	1.28	.02	.16	1.20	.00	.51
Brazil	1.60	2.50	1.50	4.10	.10	.00	1.40
Major importers	5.27	1.82	17.82	17.73	1.96	.10	5.12
Europe	2.59	1.77	6.70	7.26	1.23	.05	2.52
Selected Asia 8/	2.52	.05	9.13	9.18	.13	.05	2.33
Japan	.42	.00	1.80	1.80	.00	.00	.42
South Korea	.68	4/	1.68	1.68	.00	.00	.69
Russia	.16	.00	2.00	1.30	.60	.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 3.26 million bales in 1993/94 and 2.55 million in 1994/95. 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/ Argentina, Australia, Brazil, and Paraguay. 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 1989/90-1994/95

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/							
1989/90	689	860 *	690	642	685 *	630	658	826 *	650	667	826 *	559	8,383
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 5/	855	1,052	858	823	882								
						Mill consumption per day 2/							
1989/90	34.4	34.4	34.5	32.1	27.4	31.5	32.9	33.0	32.5	33.3	33.0	28.0	32.2
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	38.6
1994/95 5/	42.8	42.1	42.9	41.2	35.3								
						Stocks in consuming establishments 4/							
1989/90	600	590	552	544	584	661	689	696	685	675	667	672	--
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 5/	634	580	570	578	644								
						Stocks in public storage 4/							
1989/90	4,975	4,458	7,378	10,558	10,762	9,524	8,052	6,566	5,447	4,224	3,185	2,187	--
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	10,140	9,450	8,036	6,639	5,211	3,624	2,483	--
1994/95 5/	1,738	2,011	6,492	11,064	11,846								
						Exports 4/							
1989/90	431	384	507	469	516	909	840	882	818	495	510	550	7,310
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 5/	430	523	238	503	952								

* *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.

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To request order forms for other state statistical reports write or call: (State) Agricultural Statistics Service.

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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 1994	Number	Texas 185,000	Mo. 104,000	Iowa 100,000	Ky. 89,000	Minn. 85,000	Tenn. 84,000	Wis. 78,000	Ill. 77,000	Calif. 76,000	Ohio 75,000	2,040,410	40 7,900
Land in farms and ranches June 1994	1,000 acres	Texas 129,300	Mont. 59,700	Kans. 47,800	Nebr. 47,100	N. Mex. 44,200	S. Dak. 44,200	N. Dak. 40,400	ARIZ. 36,000	Wyo. 34,700	Okla. 34,000	974,800	8 36,000
Cash receipts from farm marketings 1993	Mil. dols.	Calif. 19,850	Texas 12,617	Iowa 10,001	Nebr. 8,909	Ill. 8,082	Kans. 7,363	Minn. 6,574	Fla. 5,750	N.C. 5,457	Wis. 5,250	175,052	31 1,946
FIELD CROPS													
Pima cotton production	1,000 bales	Calif. 185	ARIZ. 80	Texas 53	N. Mex. 20							338	2 80
Upland cotton production	1,000 bales	Texas 4,915	Calif. 2,717	Miss. 2,132	Ark. 1,772	Ga. 1,537	La. 1,512	Tenn. 885	N.C. 829	ARIZ. 782	Ala. 726	19,324	9 782
Cottonseed production	1,000 tons	Texas 2,111	Calif. 1,063	Miss. 842	Ark. 712	La. 549	Ga. 516	Tenn. 348	ARIZ. 324	N.C. 295	Ala. 271	7,064	8 324
Durum wheat production	1,000 tons	N.Dak. 2,291	ARIZ. 257	Calif. 168	Mont. 160	Minn. 26	S. Dak. 18					2,920	2 257
Winter wheat production	1,000 tons	Kans. 12,996	Okla. 4,293	Wash 3,726	Colo. 2,295	Texas 2,262	Nebr. 2,142	Ohio 2,053	Mont. 1,943	Idaho 1,706	Oreg. 1,670	49,831	34 79
Corn for grain production	1,000 tons	Iowa 54,051	Ill. 50,014	Nebr. 32,304	Minn. 25,645	Ind. 24,031	Ohio 13,622	Wis. 12,239	S. Dak. 10,282	Kans. 8,529	Mo. 7,664	282,885	41 72
Barley production	1,000 tons	N.Dak. 3,168	Idaho 1,296	Mont. 1,267	Minn. 720	Wash. 344	Calif. 343	S. Dak. 312	Oreg. 228	Utah 193	Wyo. 182	8,997	16 75
Alfalfa hay production	1,000 tons	Calif. 6,650	Minn. 5,920	Wis. 5,750	S. Dak. 5,250	Nebr. 5,040	Iowa 4,625	Mich. 4,095	Idaho 3,978	Mont. 3,565	Kans. 3,120	81,398	24 1,200
Other hay production	1,000 tons	Texas 8,050	Mo. 5,510	Ky. 4,290	Tenn. 3,630	Okla. 3,008	Kans. 2,805	Ark. 2,420	Nebr. 2,375	N.Y. 2,132	Penn. 2,128	68,726	44 126
Potatoes production	1,000 cwt	Idaho 134,340	Wash. 88,920	Colo. 28,720	N. Dak. 28,200	Oreg. 25,784	Wis. 25,740	Minn. 20,035	Maine 17,250	Calif. 15,267	Mich. 14,910	459,342	21 1,670
Principal field crops harvested acreage	1,000 acres	Iowa 23,967	Ill. 23,393	Kans. 21,724	N. Dak. 20,719	Minn. 19,534	Nebr. 18,619	Texas 17,529	S.Dak. 15,714	Mo. 12,466	Ind. 12,071	308,474	38 744
Field and misc. crops value of production	Mil. dols.	Iowa 7,030	Ill. 6,840	Minn. 4,588	Nebr. 4,344	Texas 4,027	Kans. 3,493	Ind. 3,381	Calif. 3,249	N. Dak. 2,807	Ohio 2,654	77,500	34 557
FRUITS													
Lemons production	1,000 ctns	Calif. 41,400	ARIZ. 8,800									51,800	2 8,800
Oranges production	1,000 ctns	Fla. 348,400	Calif. 125,200	ARIZ. 3,800	Texas 1,100							478,500	3 3,800
Grapefruit production	1,000 ctns	Fla. 102,100	Calif. 18,200	Texas 6,000	ARIZ. 3,500							129,800	4 3,500
Tangerines production	1,000 ctns	Fla. 8,200	Calif. 4,600	ARIZ. 2,000								14,800	3 2,000
Grapes Utilized production	1,000 tons	Calif. 5,253	Wash. 225	N.Y. 187	Penn. 80	Mich. 65	ARIZ. 26	Oreg. 11	Ohio 7	Ark. 6	Ga. 3	5,866	6 26
Apples Utilized production	Mil. lbs	Wash. 5,600	N.Y. 1,100	Calif. 1,050	Mich. 1,020	Penn. 400	Va. 286	N.C. 250	Oreg. 200	Idaho 158	W. Va. 145	11,168	15 59
Fruits and nuts value of production	Mil. dols.	Calif. 5,431	Fla. 1,549	Wash. 1,011	Oreg. 237	N.Y. 170	Mich. 167	Haw. 135	ARIZ. 128	Mass. 112	Wis. 95	9,746	8 128

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. 43,690	ARIZ. 16,150	Fla. 876	Colo. 756	N.J. 468	N. Mex. 380	Wash. 286	N.Y. 245	Haw. 15		62,866	2 16,150
Leaf lettuce production	1,000 cwt	Calif. 6,175	ARIZ. 893	Ohio 125	Fla. 41							7,234	2 893
Romaine lettuce production	1,000 cwt	Calif. 4,625	ARIZ. 1,025	Fla. 110	Ohio 110							5,870	2 1,025
Cauliflower production	1,000 cwt	Calif. 4,980	ARIZ. 798	Oreg. 336	N.Y. 192	Texas 97	Mich. 84					6,487	2 798
Broccoli production	1,000 cwt	Calif. 9,828	ARIZ. 1,034	Oreg. 291	Texas 229							11,382	2 1,034
Spring onions production	1,000 cwt	Texas 4,704	Calif. 2,948	Ga. 1,957	ARIZ. 688							10,297	4 688
Carrots production	1,000 cwt	Calif. 16,088	Wash. 3,920	Mich. 2,310	Wis. 1,760	Texas 1,714	Colo. 1,178	Fla. 851	Oreg. 700	Minn. 589	N.Y. 560	30,508	11 308
Cantaloupe production	1,000 cwt	Calif. 11,267	ARIZ. 3,168	Texas 2,358	Ga. 875	Ind. 492	Colo. 324	Md. 153	Penn. 127	Ohio 90	Mich. 86	18,940	2 3,168
Honeydews production	1,000 cwt	Calif. 2,806	Texas 900	ARIZ. 533								4,239	3 533
Watermelons production	1,000 cwt	Fla. 8,510	Texas 7,800	Calif. 7,181	Ga. 5,100	ARIZ. 2,108	Ind. 1,728.	Mo. 1,564	N.C. 1,242	S.C. 1,000	Okla. 765	39,986	5 2,108
Principal vegetables harvested acres	1,000 acres	Calif. 709	Fla. 211	Texas 131	Ga. 107	ARIZ. 102	Mich. 64	N.Y. 63	Wash. 48	N.C. 41	Colo. 35	1,834	5 102
Principal vegetables value of production	Mil. dols.	Calif. 3,077	Fla. 974	ARIZ. 308	Texas 288	Ga. 210	N.Y. 164	Wash. 145	N.J. 135	Mich. 133	Oreg. 128	6,279	3 308
LIVESTOCK													
All cattle and calves January 1, 1995	1,000 head	Texas 15,100	Kans. 6,300	Nebr. 6,000	Okla. 5,700	Calif. 4,700	Mo. 4,500	Iowa 4,250	S. Dak. 4,000	Colo. 2,950	Minn. 2,800	103,265	36 830
Cattle on feed January 1, 1995	1,000 head	Texas 2,380	Kans. 2,040	Nebr. 1,940	Colo. 990	Iowa 910	Calif. 395	Okla. 370	S.Dak. 340	Minn. 310	Ill. 280	12,450	13 210
Calf crop 1994	1,000 head	Texas 5,750	Mo. 2,070	Okla. 1,970	Nebr. 1,800	Calif. 1,800	S. Dak. 1,740	Wis. 1,600	Mont. 1,520	Kans. 1,500	Iowa 1,260	40,729	36 300
Cows that have calved January 1, 1995	1,000 head	Texas 6,600	Mo. 2,350	Okla. 2,200	Calif. 2,140	Nebr. 1,960	S. Dak. 1,800	Wis. 1,690	Kans. 1,650	Mont. 1,610	Iowa 1,430	45,583	36 365
All cattle and calves value January 1, 1995	Mil. dols.	Texas 8,532	Nebr. 3,660	Kans. 3,497	Calif. 3,455	Okla. 3,135	Wis. 2,926	Iowa 2,656	Mo. 2,610	S. Dak. 2,500	Colo. 1,918	63,583	36 506
All sheep and lambs January 1, 1995	1,000 head	Texas 1,700	Calif. 1,060	Wyo. 790	Colo. 545	S. Dak. 530	Mont. 490	Utah 445	Oreg. 330	N. Mex. 315	Iowa 294	8,895	15 145
Angora goats January 1, 1995	1,000 head	Texas 1,230	N. Mex. 85	ARIZ. 52	Okla. 15	Mich. 4						5 States 1,386	3 52
Hogs and pigs December 1, 1994	1,000 head	Iowa 14,200	N.C. 7,000	Ill. 5,350	Minn. 4,850	Ind. 4,500	Nebr. 4,350	Mo. 3,450	Ohio 1,800	S. Dak. 1,740	Kans. 1,310	59,612	28 170
All chickens (Excludes commercial broilers) December 1, 1994	1,000 birds	Calif. 31,500	Ohio 27,000	Penn. 26,530	Ind. 26,400	Ark. 25,806	Ga. 25,762	Iowa 19,550	N.C. 19,440	Texas 19,300	Ala. 16,351	383,779	1/
Honey production total produced	1,000 lbs	N. Dak. 32,430	S. Dak. 26,000	Calif. 24,000	Fla. 19,320	Minn. 13,430	Mont. 12,495	Mich. 7,740	Texas 7,622	Idaho 7,493	Wis. 5,325	217,168	21 2,773
Milk production total produced	Mil. lbs	Calif. 25,019	Wis. 22,412	N.Y. 11,420	Penn. 10,230	Minn. 9,342	Texas 6,225	Mich. 5,545	Wash. 5,203	Ohio 4,520	Iowa 3,962	153,622	18 2,134
Egg production total produced	Mil. eggs	Calif. 6,602	Ohio 5,644	Penn. 5,597	Ind. 5,452	Ga. 4,543	Texas 3,860	Iowa 3,808	Ark. 3,803	N.C. 3,214	Ala. 2,732	73,866	43 81

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

UNITED STATES DEPARTMENT OF AGRICULTURE
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