ARIZONA CROPS

MAY 2005

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Final 2004 Arizona Cotton Estimates

Final figures on Arizona's 2004 cotton crop show area planted to upland totaled 240,000 acres with 238,000 acres harvested, an increase of 12 percent for both planted and harvested. Yield of 1,458 pounds per acre was 219 pounds above the previous year's 1,239 pounds per acre. Final production was 723,000 bales, 31 percent more than 2003. American-Pima cotton planted and harvested area totaled 3,000 acres. Average yield was estimated at 896 pounds per acre, down 24 pounds from 2003. Total production was 5,600 bales, an increase of 1,000 bales from a year ago.

Arizona and California Cotton Production Highlights

Some Arizona and California upland cotton growers began planting during early-spring, due to above normal temperatures. Despite the favorable weather, some growers delayed planting and waited for more traditional planting dates due to erratic spring weather in the prior years. This resulted in variable cotton growth and development. The continued warm weather conditions in June and July promoted crop development ahead of the 5-year average. In the San Joaquin Valley, harvest started the last week of September. However, rain arrived in mid-October and delayed harvest for many growers. By the end of December, harvest was virtually complete except in Arizona where it was delayed by frequent scattered showers. Data from objective yield measurements showed California boll counts were the second highest in the last 15 years, surpassed only by 2002. Boll weights were below the 15-year average, but the highest since 1998.

United States Cotton

All cotton production is estimated at 23.3 million 480-pound bales, 27 percent above the 2003 production level. The U.S. all cotton yield averaged 855 pounds per harvested acre, up 125 pounds per acre from a year ago. The 2004 yield and production are both record highs. Upland cotton production is estimated at 22.5 million 480-pound bales, 26 percent more than last year's production. This is the largest production in history, surpassing the 2001 record of 19.6 million 480-pound bales. The U.S. yield for upland cotton is a record high 843 pounds per acre, up 120 pounds more than 2003. American-Pima production totaled 745,600 bales, up 72 percent from 2003 due to a 40 percent increase in harvested area and a 273 pound higher yield per acre. American-Pima yield and production are both record highs.

Cotton: Area Planted and Harvested, Yield, and Production by Type, State, and United States, 2003-2004

Type and State	Area Planted		Area Harvested		Yield		Production [1]	
	2003	2004	2003	2004	2003	2004 [2]	2003	2004 [2]
	1,000 Acres				Pounds		1,000 Bales [3]	
Upland								
AL	525.0	550.0	510.0	540.0	772	724	820.0	814.0
AZ	**215.0**	**240.0**	**213.0**	**238.0**	**1,239**	**1,458**	**550.0**	**723.0**
AR	980.0	910.0	945.0	900.0	916	1,114	1,804.0	2,089.0
CA	550.0	560.0	545.0	557.0	1,317	1,543	1,495.0	1,790.0
FL	94.0	89.0	92.0	87.0	610	601	117.0	109.0
GA	1,300.0	1,290.0	1,290.0	1,280.0	785	674	2,110.0	1,797.0
KS	90.0	85.0	80.0	80.0	537	424	89.5	70.7
LA	525.0	500.0	510.0	490.0	967	867	1,027.0	885.0
MS	1,110.0	1,110.0	1,090.0	1,100.0	934	1,024	2,120.0	2,346.0
MO	400.0	380.0	390.0	378.0	862	1,054	700.0	830.0
NM	53.0	68.0	38.0	64.0	884	848	70.0	113.0
NC	810.0	730.0	770.0	725.0	646	900	1,037.0	1,360.0
OK	180.0	220.0	170.0	200.0	616	727	218.0	303.0
SC	220.0	215.0	218.0	214.0	718	875	326.0	390.0
TN	560.0	530.0	530.0	525.0	806	900	890.0	984.0
TX	5,600.0	5,850.0	4,350.0	5,350.0	478	694	4,330.0	7,740.0
VA	89.0	82.0	85.0	81.0	674	956	119.4	161.4
US	13,301.0	13,409.0	11,826.0	12,809.0	723	843	17,822.9	22,505.1
American-Pima								
AZ	**2.5**	3.0	**2.4**	3.0	**920**	**896**	**4.6**	**5.6**
CA	150.0	215.0	149.0	214.0	1,194	1,532	370.5	683.0
NM	6.1	10.6	6.0	10.5	1,056	869	13.2	19.0
TX	20.0	21.0	20.0	20.5	1,056	890	44.0	38.0
US	178.6	249.6	177.4	248.0	1,170	1,443	432.3	745.6
All - US	13,479.6	13,658.6	12,003.4	13,057.0	730	855	18,255.2	23,250.7

[1] *Production ginned and to be ginned.*
[2] *Revised*
[3] *480 lb. net weight bales.*

Cottonseed: Production and Farm Disposition by State and United States, 2003-2004

State	Production		Farm Disposition				Seed for Planting[2]	
			Sales to Oil Mills		Other[1]			
	2003	2004	2003	2004	2003	2004	2003[3]	2004
	1,000 Tons							
AL	327.0	282.0	49.0	16.0	278.0	266.0	6.3	6.4
AZ	**216.8**	**301.6**	**4.1**	**3.3**	**212.7**	**298.3**	**2.2**	**2.1**
AR	689.0	734.0	462.0	529.0	227.0	205.0	8.6	9.3
CA	680.0	902.0	93.5	116.0	586.5	786.0	6.6	6.1
FL	37.0	35.0	21.7	25.0	15.3	10.0	1.0	0.9
GA	732.0	560.0	405.0	343.0	327.0	217.0	15.0	14.0
KS	34.2	26.0	4.2	7.0	30.0	19.0	0.9	0.8
LA	365.0	295.0	191.0	138.0	174.0	157.0	4.5	5.6
MS	773.0	804.0	604.0	675.0	169.0	129.0	11.0	13.0
MO	274.0	268.0	200.0	186.0	74.0	82.0	4.0	4.3
NM	31.6	52.5	3.8	11.7	27.8	40.8	0.8	0.8
NC	349.0	447.0	52.0	79.0	297.0	368.0	6.6	6.8
OK	79.0	113.0	64.0	91.0	15.0	22.0	2.4	2.5
SC	109.0	94.0	58.0	54.0	51.0	40.0	1.5	1.6
TN	311.0	336.0	232.0	262.0	79.0	74.0	5.7	6.0
TX	1,616.0	2,939.0	939.3	2,010.0	676.7	929.0	53.2	51.5
VA	41.0	53.0	0.0	0.0	41.0	53.0	0.7	0.8
US	6,664.6	8,242.1	3,383.6	4,546.0	3,281.0	3,696.1	131.0	132.5

[1] *Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses.*
[2] *Included in "other" farm disposition. Seed for planting is produced in crop year shown, but used in the following year.*
[3] *Revised.*

Durum Wheat

Production of Durum wheat in Arizona and California is forecast at a collective 16.6 million bushels. This is down 11 percent from their 2004 total of 18.6 million. Lower acreage more than offset higher expected yields in both States. Very few disease or insect problems have been reported.

Winter Wheat

Production is forecast at 1.59 billion bushels, up 6 percent from 2004. Based on May 1 conditions, the U.S. yield is forecast at 45.4 bushels per acre, 1.9 bushels more than last year. Grain area totals 35.1 million acres, up 2 percent from last season. The portion of the winter wheat crop rated good to excellent on May 1, at 63 percent, was 15 percentage points higher than last year.

Wheat: Area Harvested, Yield, and Production by Selected States and United States, 2004 and Forecasted May 1, 2005[1]

State	Area Harvested		Yield		Production	
	2004	2005	2004	2005	2004	2005
	1,000 Acres		Bushels		1,000 Bushels	
Durum Wheat						
AZ	**99**	**80**	**97.0**	**100.0**	**9,603**	**8,000**
CA	100	82	90.0	105.0	9,000	8,610
MT	545		33.0		17,985	
ND	1,600		33.0		52,800	
Other States[2]	19		26.6		505	
US	2,363		38.0		89,893	
Winter Wheat						
CA	320	265	85.0	76.0	27,200	20,140
CO	1,700	2,450	27.0	35.0	45,900	85,750
ID	700	730	90.0	90.0	63,000	65,700
KS	8,500	9,600	37.0	44.0	314,500	422,400
MT	1,630	2,050	41.0	41.0	66,830	84,050
NE	1,650	1,700	37.0	45.0	61,050	76,500
OK	4,700	4,300	35.0	34.0	164,500	146,200
OR	780	840	61.0	55.0	47,580	46,200
SD	1,250	1,400	45.0	45.0	56,250	63,000
TX	3,500	3,500	31.0	30.0	108,500	105,000
WA	1,750	1,850	67.0	68.0	117,250	125,800
Other States[3]	1,105	1,007	38.5	39.6	42,573	39,891
US	34,462	35,069	43.5	45.4	1,499,434	1,590,862

[1] *Area harvested for the U.S. and remaining States will be published in "Acreage" released June 30, 2005. Yield and production will be published in "Crop Production" released July 12, 2005*
[2] *For 2004, Other States include MN and SD. For 2005, Other States include ID and SD. Individual State level estimates will be published in the "Small Grains 2005 Summary".*
[3] *Other States include AL, AZ, FL, IA, LA, MN, NV, NJ, NM,ND, UT, WV, and WY. Individual State level estimates will be published in the "Small Grains 2005 Summary".*

Hay: Stocks on Farms by Selected States and United States, December 1 and May 1, 2002-2005

State	December 1			May 1		
	2002	2003	2004	2003	2004	2005
	1,000 Tons					
AZ	**203**	**280**	**250**	**45**	**55**	**35**
CA	1,840	2,086	1,724	200	306	215
CO	1,548	1,841	2,527	360	610	470
ID	2,824	2,772	2,782	635	445	535
MT	4,086	3,986	4,427	953	790	860
NV	882	857	741	167	121	80
NM	550	525	545	98	115	164
OR	2,550	2,357	2,366	340	371	362
UT	1,210	1,495	1,383	175	279	300
WA	1,600	1,620	1,560	285	470	322
WY	1,250	1,963	1,818	200	478	383
US	102,978	111,027	114,294	22,013	25,947	27,708

Spring Potatoes: Area Harvested, Yield, and Production by State and United States, 2004 and 2005

State	Area Harvested		Yield		Production	
	2004	2005	2004	2005	2004	2005
	1,000 Acres		Cwt		1,000 Cwt	
AZ	**6.2**	**4.3**	**285**	**275**	**1,767**	**1,183**
CA	17.5	13.8	475	410	8,313	5,658
FL	24.5	23.2	313	282	7,678	6,550
Hastings	18.0	17.0	320	285	5,760	4,845
Other FL	6.5	6.2	295	275	1,918	1,705
NC	13.5	14.0	200	190	2,700	2,660
TX	10.5	9.1	210	225	2,205	2,048
Total	72.2	64.4	314	281	22,663	18,099

.

Citrus Fruit: Utilized Production by Crop, State and United States, 2002-2003, 2003-2004 and Forecasted May 1, 2005 [1]

Crop and State	Utilized Production Boxes		
	2002-03	2003-04	2004-05
	1,000 Boxes [2]		
Oranges			
Early Mid and Navel [3]			
AZ [4]	**200**	**300**	**240**
CA [4]	42,000	38,000	43,000
FL	112,000	126,000	79,200
TX [4]	1,350	1,420	1,750
US	155,550	165,720	124,190
Valencia			
AZ [4]	**270**	**170**	**190**
CA [4]	20,000	14,000	18,000
FL	91,000	116,000	72,000
TX [4]	220	230	230
US	111,490	130,400	90,420
All			
AZ [4]	**470**	**470**	**430**
CA [4]	62,000	52,000	61,000
FL	203,000	242,000	151,200
TX [4]	1,570	1,650	1,980
US	267,040	296,120	214,610
Temples			
FL	1,300	1,400	650
All Grapefruit			
AZ [4]	**130**	**140**	**160**
CA [4]	5,600	5,400	5,400
FL	38,700	40,900	13,000
TX [4]	5,650	5,700	6,500
US	50,080	52,140	25,060

Crop and State	Utilized Production Boxes		
	2002-03	2003-04	2004-05
	1,000 Boxes [2]		
Tangerines			
AZ [4 5]	**430**	**690**	**400**
CA [4 5]	2,800	2,700	3,000
FL	5,500	6,500	4,450
US	8,730	9,890	7,850
Lemons [4]			
AZ	**3,000**	**3,000**	**2,400**
CA	24,000	18,000	19,500
US	27,000	21,000	21,900
Tangelos			
FL	2,350	1,000	1,550

1/ The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year.
2/ Net lbs. per box: oranges-AZ & CA-75, FL-90, TX-85; grapefruit-AZ & CA-67, FL-85, TX-80; lemons-76; tangelos & Temples-90; tangerines-AZ & CA-75, FL-95.
3/ Navel and miscellaneous varieties in AZ and CA. Early (including Navel) and midseason varieties in FL and TX. Small quantities of tangerines in TX.
4/ Estimates for current year carried forward from earlier forecast.
5/ Includes tangelos and tangors.

Release Dates For Upcoming National Reports

May 18 . . . . . Agricultural Chemical Usage-Field Crops
May 20 . . . . . Farm Labor
May 31 . . . . . Agricultural Prices
June 10 . . . . . Crop Production

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April Farm Prices Received Index Up 1 Point From Last Month

The preliminary All Farm Products Index of Prices Received by Farmers in April, at 120, based on 1990-92=100, is 1 point (0.8 percent) above the March Index. The Crop Index is up 2 points (1.7 percent) while the Livestock Index is unchanged. Producers received higher commodity prices for tomatoes, asparagus, broccoli, and hay. Lower prices were received for lettuce, corn, celery, and eggs. The seasonal change in the mix of commodities farmers sell, based on the past 3-year average, also affects the overall index. Increased average marketings of several commercial vegetables, cattle, strawberries, and dairy offset decreased marketings of soybeans, corn, hogs, and grapefruit. This preliminary All Farm Products Index is down 5 points (4.0 percent) from April 2004. The Food Commodities Index, at 124, is 1 point (0.8 percent) above last month but down 3 points (2.4 percent) from April 2004.

Prices Paid Index Up

The April Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 140 percent of the 1990-92 average. The index is up 1 point from March and 7 points (5.3 percent) above April 2004. Higher prices in April for field crop seed, feeder cattle, hay & forages, and insecticides more than offset lower prices for feed grains, trucks, other machinery, and LP gas.

Prices Received By Farmers: Arizona and United States, April 2004 and 2005 and March 2005

Commodity	Unit	ARIZONA			UNITED STATES		
		April 2004 Entire Month	March 2005 Entire Month	April 2005 Mid-Month	April 2004 Entire Month	March 2005 Entire Month	April 2005 Mid-Month
Upland Cotton 1/	¢ Lb		**48.9**		60.3	41.5	42.0
Durum Wheat 2/	$ Ton	**------**	**---**	**---**	139.70	122.30	122.00
All Hay Baled 3/	$ Ton	**90.00**	**112.00**	**115.00**	88.90	89.10	96.90
Alfalfa Hay Baled 3/	$ Ton	**90.00**	**112.00**	**115.00**	93.00	96.40	103.00
Other Hay Baled 3/	$ Ton	**85.00**	**110.00**	**112.00**	75.50	70.40	75.40
Grapefruit 4/	$ Box	**15.40**	**18.50**	**22.70**	16.80	27.90	27.80
Oranges 4/	$ Box	**11.30**	**22.70**	**9.32**	18.30	19.00	20.10
Lemons 4/	$ Box				31.00	30.30	31.50
Tangerines 4/	$ Box		**20.70**	**11.40**	26.80	29.10	31.80
Cows 5/	$ Cwt	**51.00**	**55.50**	**56.00**	50.60	55.50	57.10
Steers and Heifers	$ Cwt	**98.00**	**110.00**	**112.00**	88.90	95.50	95.60
Beef Cattle 6/	$ Cwt	**97.50**	**109.00**	**111.00**	85.00	91.30	91.60
Calves	$ Cwt	**120.00**	**133.00**	**138.00**	117.00	135.00	139.00
All Milk 7/	$ Cwt	**17.30**	**15.10**	**14.80**	18.10	15.60	15.40

1/ Price not published to avoid disclosure of individual firms.
2/ Not available for Arizona.
3/ Mid-month.
4/ F.O.B. packed fresh Arizona box weights: Grapefruit 67 lbs., Oranges 75 lbs., Lemons 76 lbs., Tangerines 75 lbs.
5/ Beef cows and cull dairy cows sold for slaughter.
6/ "Cows" and "steers and heifers" combined.
7/ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

Index Summary Table

INDEX 1990-92 = 100	2004		2005	
	March	April	March	April
Prices Received	121	125	119	120
Prices Paid	132	133	139	140
Ratio 1/	92	94	86	86

1/ Ratio of index of prices received by farmers to index of prices paid by farmers.