



# ARIZONA CROPS MAY 2003

Released May 13, 2003, by the Arizona Agricultural Statistics Service and University of Arizona, College of Agriculture, 3003 N Central Avenue, Suite 950, Phoenix, Arizona 85012-2994, (602) 280-8850, Fax: (602) 280-8897, [www.nass.usda.gov/az/](http://www.nass.usda.gov/az/)

## ARIZONA COTTON

Final figures on Arizona's 2002 cotton crop are as follows: Acreage planted to upland total 215,000, with 213,000 acres harvested, yielding 1,381 pounds per acre, resulting in a final production of 613,000 bales, 11 percent below 2001. Pima cotton planted acreage totaled 8,300 acres, with 8,200 acres harvested, yielding 1,013 pounds per acre, for a total production of 17,300 bales. Figures on Arizona's 2001 cotton crop are as follows: Acreage planted to upland total 295,000, with 290,000 acres harvested, yielding 1,142 pounds per acre, resulting in a final production of 690,000 bales. Pima cotton planted acreage totaled 7,800 acres, with 7,500 acres harvested, yielding 928 pounds per acre, for a total production of 14,500 bales.

## UNITED STATES COTTON

The 2002 U.S. all cotton production is estimated at 17.2 million bales, 15 percent below the record high 2001 production. Upland cotton production, at 16.5 million bales, was 16 percent less than the previous year. American-Pima production totaled 678,300 bales, down 3 percent from 2001.

The area planted to all cotton totaled 14.0 million acres, down 11 percent from 2001. Harvested area decreased 10 percent to 12.4 million acres. Yields for the U.S. averaged 665 pounds per harvested acre, down 40 pounds per acre from a year ago. Data from the combined seven Objective Yield States showed the highest number of bolls, highest average boll weight, and highest harvest loss of the previous five years.

## ARIZONA AND CALIFORNIA COTTON PRODUCTION HIGHLIGHTS

Arizona and California upland cotton growers began planting during March under ideal conditions. Cool, spring weather in a few areas of California slowed development but warm summer temperatures promoted growth and good boll retention. The crop was in good to excellent condition throughout the season. Harvest was well underway by mid-September and progressed under ideal conditions. Data from the Objective Yield survey show California boll counts were the highest in the last fifteen years but the weights were the lowest. A record yield of 1,439 pounds per harvested acre was set in California, surpassing the 1,378 pound yield set in 2000.

## PUBLISHED MONTHLY

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Steven Manheimer, State Statistician  
Eddie Oaks, Deputy State Statistician  
Clare Jervis, Agricultural Statistician  
Maria Bautista, Agricultural Statistician  
Dennis Koong, Agricultural Statistician  
Tenopra Shepphard, Agricultural Statistician

**COTTON: AREA PLANTED AND HARVESTED AND YIELD BY TYPE, STATE, AND UNITED STATES, 2001-2002 1/**

Type and State	Area Planted		Area Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002
	1,000 Acres				Lbs		1,000 Bales	
<b>Upland</b>								
AL	610.0	590.0	605.0	540.0	730	507	920.0	570.0
<b>AZ</b>	<b>295.0</b>	<b>215.0</b>	<b>290.0</b>	<b>213.0</b>	<b>1,142</b>	<b>1,381</b>	<b>690.0</b>	<b>613.0</b>
AR	1,080.0	960.0	1,065.0	920.0	826	871	1,833.0	1,669.0
CA	630.0	480.0	625.0	477.0	1,359	1,469	1,770.0	1,460.0
FL	125.0	120.0	124.0	115.0	612	401	158.0	96.0
GA	1,490.0	1,450.0	1,480.0	1,360.0	720	557	2,220.0	1,578.0
KS	40.5	80.0	35.5	68.0	407	539	30.1	76.3
LA	870.0	520.0	855.0	495.0	580	717	1,034.0	739.0
MS	1,620.0	1,170.0	1,600.0	1,150.0	719	808	2,396.0	1,935.0
MO	405.0	380.0	400.0	368.0	834	796	695.0	610.0
NM	68.0	54.0	65.0	50.0	916	816	124.0	85.0
NC	970.0	940.0	965.0	920.0	832	421	1,673.0	806.0
OK	270.0	200.0	185.0	180.0	511	557	197.0	209.0
SC	300.0	290.0	296.0	200.0	686	314	423.0	131.0
TN	620.0	565.0	615.0	530.0	763	741	978.0	818.0
TX	6,000.0	5,600.0	4,250.0	4,500.0	481	538	4,260.0	5,040.0
VA	105.0	100.0	104.0	98.0	929	465	201.3	95.0
US	15,498.5	13,714.0	13,559.5	12,184.0	694	651	19,602.4	16,530.3
<b>American-Pima</b>								
<b>AZ</b>	<b>7.8</b>	<b>8.3</b>	<b>7.5</b>	<b>8.2</b>	<b>928</b>	<b>1,013</b>	<b>14.5</b>	<b>17.3</b>
CA	240.0	210.0	239.0	209.0	1,283	1,386	639.0	603.3
NM	5.2	7.1	5.2	7.1	969	1,041	10.5	15.4
TX	17.0	18.5	16.5	18.3	1,059	1,110	36.4	42.3
US	270.0	243.9	268.2	242.6	1,254	1,342	700.4	678.3

1/ 2002 revised.

**COTTONSEED: PRODUCTION AND FARM DISPOSITION BY STATE AND UNITED STATES, 2001-2002**

State	Production		Farm Disposition				Seed for Planting 2/	
			Sales to Oil Mills		Other 1/			
	2001	2002	2001	2002	2001	2002	2001 3/	2002
	1,000 Tons							
AL	315.0	195.0	44.0	48.0	271.0	147.0	6.8	6.7
<b>AZ</b>	<b>261.0</b>	<b>232.4</b>	<b>3.0</b>	<b>5.6</b>	<b>258.0</b>	<b>226.8</b>	<b>2.0</b>	<b>1.9</b>
AR	708.0	627.0	568.0	491.0	140.0	136.0	9.1	9.8
CA	849.0	731.0	20.0	81.0	829.0	650.0	5.9	6.0
FL	53.0	29.0	38.0	18.0	15.0	11.0	1.3	1.1
GA	764.0	544.0	434.0	309.0	330.0	235.0	18.0	17.0
KS	11.4	28.0	7.3	13.0	4.1	15.0	0.8	1.1
LA	380.0	271.0	170.0	131.0	210.0	140.0	4.7	4.8
MS	877.0	697.0	820.0	548.0	57.0	149.0	11.7	12.5
MO	268.0	218.0	183.0	139.0	85.0	79.0	4.0	4.3
NM	47.8	35.5	15.6	15.3	32.2	20.2	0.7	0.7
NC	559.0	272.0	79.0	44.0	480.0	228.0	8.5	8.1
OK	80.0	81.0	66.0	72.0	14.0	9.0	2.2	2.2
SC	137.0	44.0	89.0	20.0	48.0	24.0	2.0	1.8
TN	351.0	291.0	296.0	244.0	55.0	47.0	4.0	4.2
TX	1,724.0	1,855.0	1,028.0	1,109.0	696.0	746.0	56.2	58.2
VA	67.0	33.0	0.0	0.0	67.0	33.0	0.9	0.9
US	7,452.2	6,183.9	3,860.9	3,287.9	3,591.3	2,896.0	138.8	141.3

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.

**WINTER WHEAT**

Production is forecast at 1.56 billion bushels, up 37 percent from 2002. Based on May 1 conditions, the U.S. yield is forecast at 42.9 bushels per acre, 4.4 bushels more than last year. Yields are above a year ago in all States except California, Idaho, Michigan, and the Mid-Atlantic States. Grain area totals 36.4 million acres, up 23 percent from last season. The sharp increase in harvested acreage is the result of both increased plantings and a rebound from larger than normal abandonment last year. The portion of the winter wheat crop rated good to excellent on April 27, at 54 percent, was 18 percentage points higher than last year.

**DURUM WHEAT**

Production of Durum wheat in Arizona and California is forecast at a collective 18.5 million bushels. This is up 6 percent from their 2002 total of 17.5 million. Cool temperatures have slowed crop development in California's Imperial and San Joaquin valleys. Some wheat stripe rust has been reported throughout the State.

**WHEAT: AREA HARVESTED, YIELD, AND PRODUCTION BY SELECTED STATES AND UNITED STATES, 2002 AND FORECASTED MAY 1, 2003**

State	Area Harvested		Yield		Production	
	2002	2003	2002	2003	2002	2003
	1,000 Acres		Lbs		1,000 Tons	
<b>Winter Wheat</b>						
CA	300	350	4,500	4,200	675	735
CO	1,650	2,200	1,320	1,800	1,089	1,980
ID	690	710	4,740	4,740	1,635	1,683
KS	8,100	9,700	1,980	2,400	8,019	11,640
MT	750	1,700	1,680	2,160	630	1,836
NE	1,520	1,650	1,920	2,280	1,459	1,881
OK	3,500	4,700	1,680	2,040	2,940	4,794
OR	710	940	2,460	3,180	873	1,495
SD	625	1,440	1,740	2,340	544	1,685
TX	2,700	3,700	1,740	1,860	2,349	3,441
WA	1,750	1,800	3,540	3,720	3,098	3,348
WY	120	160	1,140	1,560	68	125
OTHER STATES 1/	920	976	2,478	2,652	1,139	1,295
US	29,651	36,447	2,310	2,574	34,284	46,899
<b>Durum Wheat 2/</b>						
<b>AZ</b>	<b>89</b>	<b>103</b>	<b>5,700</b>	<b>5,820</b>	<b>254</b>	<b>300</b>
CA	90	95	6,000	5,400	270	257
MT	565		1,380		390	
ND	1,950		1,500		1,463	
OTHER STATES 3/	9		1,668		8	
US	2,703		1,764		2,384	

1/ Other States include AL, AZ, FL, IA, LA, MN, NV, NJ, NM, ND, UT, WV, and WI. Individual state level estimates will be published in the "Small Grains 2003 Summary."

2/ Area harvested for the U.S. and remaining states will be published in "Acreage" released June 30, 2003. Yield and production will be published in "Crop Production" released July 11, 2003.

3/ Other states include MN and SD. Individual state level estimates will be published in the "Small Grains 2003 Summary."

**HAY: STOCKS ON FARMS BY SELECTED STATES AND UNITED STATES, DECEMBER 1 AND MAY 1, 2000-2003**

State	December 1			May 1		
	2000	2001	2002	2001	2002	2003
	1,000 Tons					
<b>AZ</b>	<b>250</b>	<b>223</b>	<b>203</b>	<b>33</b>	<b>28</b>	<b>45</b>
CA	1,954	1,961	2,235	180	232	200
CO	1,770	1,990	1,560	286	535	360
ID	2,857	2,568	2,972	265	444	673
MT	3,168	3,600	4,019	427	845	970
NV	801	776	881	112	111	167
NM	600	600	620	75	65	110
OR	1,766	1,901	2,550	241	183	330
UT	1,150	1,470	1,200	200	210	175
WA	1,303	1,513	1,620	195	170	285
WY	1,550	1,506	1,250	151	180	200
<b>US</b>	<b>105,582</b>	<b>110,510</b>	<b>103,756</b>	<b>21,106</b>	<b>22,494</b>	<b>22,188</b>

**SPRING POTATOES: AREA HARVESTED, YIELD, AND PRODUCTION BY STATE AND UNITED STATES, 2002 AND FORECASTED MAY 1, 2003**

State	Area Harvested		Yield		Production	
	2002	2003	2002	2003	2002	2003
	1,000 Acres		Cwt		1,000 Cwt	
<b>AZ</b>	<b>7.8</b>	<b>7.6</b>	<b>270</b>	<b>275</b>	<b>2,106</b>	<b>2,090</b>
CA	19.0	18.5	405	410	7,695	7,585
FL	26.3	27.3	300	250	7,883	6,825
Hastings	19.0	19.0	315	250	5,985	4,750
Other FL	7.3	8.3	260	250	1,898	2,075
NC	21.0	17.0	170	165	3,570	2,805
TX	12.0	12.5	170	240	2,040	3,000
<b>US</b>	<b>86.1</b>	<b>82.9</b>	<b>271</b>	<b>269</b>	<b>23,294</b>	<b>22,305</b>

**CITRUS FRUIT: UTILIZED PRODUCTION BY CROP, STATE, AND UNITED STATES, 2000-2001, 2001-2002 AND FORECASTED MAY 1, 2003 1/**

Crop and State	Utilized Production Boxes			Crop and State	Utilized Production Boxes		
	2000-01	2001-02	2002-03		2000-01	2001-02	2002-03
	1,000 Boxes 2/				1,000 Boxes 2/		
<b>Oranges</b>				<b>Tangerines</b>			
<b>Early Mid and Navel 3/</b>				<b>AZ 4/ 5/</b>	<b>650</b>	<b>620</b>	<b>400</b>
<b>AZ 4/</b>	<b>480</b>	<b>270</b>	<b>200</b>	CA 4/ 5/	2,200	2,200	2,500
CA 4/	35,500	34,000	40,000	FL 6/	5,600	6,600	5,400
FL	128,000	128,000	112,000	US	8,450	9,420	8,300
TX 4/	2,000	1,530	1,400	<b>Lemons 4/</b>			
US	165,980	163,800	153,600	<b>AZ</b>	<b>3,600</b>	<b>2,800</b>	<b>2,900</b>
<b>Valencia</b>				CA	22,600	19,000	23,000
<b>AZ 4/</b>	<b>420</b>	<b>250</b>	<b>200</b>	US	26,200	21,800	25,900
CA 4/	19,000	20,500	22,000	<b>Tangelos</b>			
FL	95,300	102,000	88,000	FL	2,100	2,150	2,350
TX 4/	235	210	180	<b>K-Early Citrus 7/</b>			
US	114,955	122,960	110,380	FL	40	30	
<b>All</b>							
<b>AZ 4/</b>	<b>900</b>	<b>520</b>	<b>400</b>				
CA 4/	54,500	54,500	62,000				
FL	223,300	230,000	200,000				
TX 4/	2,235	1,740	1,580				
US	280,935	286,760	263,980				
<b>Temples</b>							
FL	1,250	1,550	1,300				
<b>All Grapefruit</b>							
<b>AZ 4/</b>	<b>250</b>	<b>160</b>	<b>100</b>				
CA 4/	6,300	6,000	5,600				
FL	46,000	46,700	39,000				
TX 4/	7,200	5,900	5,500				
US	59,750	58,760	50,200				

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, K-Early Citrus & 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.  
 6/ 2000-01 through 2001-02 includes Robinson, Fallglo, Sunburst, Dancy, and Honey varieties; 2002-03 includes Fallglo, Sunburst, and Honey varieties only.  
 7/ Estimates discontinued as of the 2002-03 crop.

**RELEASE DATES FOR UPCOMING NATIONAL REPORTS**

May 14 . . . . . Agricultural Chemical Usage-Field Crops  
 May 16 . . . . . Farm Labor  
 May 30 . . . . . Agricultural Prices  
 June 11 . . . . . Crop Production

OFFICIAL BUSINESS  
 ADDRESS SERVICE REQUESTED

### APRIL FARM PRICES RECEIVED INDEX UP FROM LAST MONTH

The preliminary All Farm Products Index of Prices Received by Farmers in April is 101, based on 1990-92=100, up two 2 points (2.0 percent) from the March Index. Higher prices for cattle, lettuce, onions, and soybeans more than offset lower prices for tomatoes, broilers, wheat, and hogs. 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 strawberries, cattle, oranges, and milk offset decreased marketings of soybeans, corn, cotton, and wheat.

This preliminary All Farm Products Index is up 7 points (7.4 percent) from April, 2002. Higher prices for cattle, corn, soybeans, and broilers more than offset lower prices for potatoes, dry beans, celery, and lemons. The Food Commodities Index increased 3 points (3.1 percent) above last month to 99, and is 6 points (6.4 percent) above April last year.

### PRICES PAID INDEX UP 1 POINT

The April Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) was 128 percent of the 1990-92 average. The index was up 1 point from March and 5 points (4.1 percent) above April 2002. Higher prices in April for feeder cattle, self-propelled machinery, hay and forages, and feed grains more than offset lower prices for diesel fuel, complete feeds, milk cows, and feeder pigs.

### PRICES RECEIVED BY FARMERS: ARIZONA AND U.S., APRIL 2002 AND 2003 AND MARCH 2003

Commodity	Unit	ARIZONA			UNITED STATES		
		April 2002 Entire Month	March 2003 Entire Month	April 2003 Mid-Month	April 2002 Entire Month	March 2003 Entire Month	April 2003 Mid-Month
Upland Cotton 1/		2/	53.4	2/	29.3	47.3	45.0
All Wheat 3/	\$ Cwt	---	---	---	2.84	3.54	3.34
Durum Wheat 3/	\$ Cwt	---	---	---	3.39	4.14	3.85
Winter Wheat 3/	\$ Cwt	---	---	---	2.75	3.29	3.17
All Hay Baled 4/	\$ Ton	103.00	98.00	94.00	99.90	92.80	94.50
Alfalfa Hay Baled 4/	\$ Ton	103.00	98.00	94.00	106.00	96.20	96.20
Other Hay Baled 4/	\$ Ton	96.00	90.00	87.00	78.70	82.30	86.40
Grapefruit 5/	\$ Box	12.60	12.30	13.70	13.60	14.70	14.90
Oranges 5/	\$ Box	11.10	19.10	9.90	18.30	15.40	16.60
Lemons 5/	\$ Box	3/	18.50	22.50	27.20	19.20	24.00
Tangerines 5/	\$ Box	11.10	19.60	22.80	28.30	23.30	24.60
Cows 6/	\$ Cwt	36.90	43.00	42.60	40.10	39.50	40.10
Steers and Heifers	\$ Cwt	68.60	77.80	78.40	70.60	76.70	79.30
Beef Cattle 7/	\$ Cwt	68.30	77.50	78.00	67.20	72.70	75.00
Calves	\$ Cwt	99.00	93.60	93.90	100.00	97.00	99.10
All Milk 8/	\$ Cwt	11.90	10.40	10.40	12.50	11.00	10.90

1/ Includes both spot and contract sales.

2/ Price not published to avoid disclosure of individual operations.

3/ Not available for Arizona.

4/ Mid-month.

5/ F.O.B. packed fresh Arizona box weights: Grapefruit 67 lbs., Oranges 75 lbs., Lemons 76 lbs., Tangerines 75 lbs.

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

7/ "Cows" and "steers and heifers" combined.

8/ Preliminary: Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

### U.S. PRICE INDEX SUMMARY TABLE

INDEX 1990-92 = 100	2002		2003	
	March	April	March	April
Prices Received	105	94	99	101
Prices Paid	123	123	127	128
Ratio 1/	85	76	78	79

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