



# ARIZONA CROPS

November 2004

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## Arizona's Cotton Production Forecast Increased From October

Arizona's all cotton production as of November 1 is forecast at 666,000 bales, 2 percent higher than the October 1 forecast and 20 percent above the final 2003 production. Acres for harvest, at 239,000, are up 23,600 acres from 2003. All cotton yield, at 1,338 pounds per acre, is up 102 pounds from last year.

Arizona's 236,000 acres of upland cotton for harvest are expected to produce 660,000 bales, up 10,000 bales from last month, and 110,000 bales more than last year. The crop is expected to yield 1,342 pounds per acre, up 103 pounds from the previous season. California upland cotton is forecast at 1.75 million bales, up 17 percent from a year earlier.

Arizona's 3,000 acres of American-Pima cotton for harvest are expected to produce 6,000 bales, unchanged from last month, but up 1,400 bales from the 2003 production. This year's crop is

expected to yield 960 pounds per acre, 40 pounds per acre more than last year. California American-Pima is forecast at 650,000 bales, up 75 percent from a year earlier.

U.S. all cotton production is forecast at 22.5 million 480-pound bales, up 5 percent from October and up 23 percent from last year's production. Yield is expected to average a record high 818 pounds per harvested acre, up 36 pounds from last month. If realized, the yield will be 88 pounds above the previous record high yield established in 2003. Record high yields are expected in Arkansas, California, Mississippi, Missouri, New Mexico, North Carolina, Oklahoma, Tennessee, and Texas. Harvested area, at 13.2 million acres, is unchanged from October but 10 percent above 2003.

**Cotton: Area Harvested, Yield, and Production by Type, State, and United States, 2003 and Forecasted November 1, 2004**

State	Area Harvested		Yield Per Acre			Production 1/	
	2003	2004	2003	Oct 1, 2004	Nov 1, 2004	2003	2004
	1,000 Acres		Pounds			1,000 Bales 2/	
<b>Upland</b>							
AL	510.0	535.0	772	673	727	820.0	810.0
<b>AZ</b>	<b>213.0</b>	<b>236.0</b>	<b>1,239</b>	<b>1,322</b>	<b>1,342</b>	<b>550.0</b>	<b>660.0</b>
AR	945.0	920.0	916	976	1,028	1,804.0	1,970.0
CA	545.0	557.0	1,317	1,508	1,508	1,495.0	1,750.0
GA	1,290.0	1,260.0	785	667	686	2,110.0	1,800.0
LA	510.0	490.0	967	764	784	1,027.0	800.0
MS	1,090.0	1,090.0	934	925	960	2,120.0	2,180.0
MO	390.0	385.0	862	860	960	700.0	770.0
NM	38.0	64.0	884	938	938	70.0	125.0
NC	770.0	725.0	646	781	847	1,037.0	1,280.0
OK	170.0	195.0	616	645	714	218.0	290.0
SC	218.0	218.0	718	731	815	326.0	370.0
TN	530.0	540.0	806	827	844	890.0	950.0
TX	4,350.0	5,500.0	478	637	672	4,330.0	7,700.0
VA	85.0	81.0	674	836	889	119.4	150.0
Oth Sts 3/	172.0	174.0	576	607	607	206.5	220.0
US	11,826.0	12,970.0	723	771	808	17,822.9	21,825.0
<b>American-Pima</b>							
<b>AZ</b>	<b>2.4</b>	<b>3.0</b>	<b>920</b>	<b>960</b>	<b>960</b>	<b>4.6</b>	<b>6.0</b>
CA	149.0	219.0	1,194	1,414	1,425	370.5	650.0
NM	6.0	11.0	1,056	916	916	13.2	21.0
TX	20.0	20.0	1,056	1,032	1,032	44.0	43.0
US	177.4	253.0	1,170	1,357	1,366	432.3	720.0
<b>All</b>							
US	12,003.4	13,223.0	730	782	818	18,255.2	22,545.0

1/ Production ginned and to be ginned.

2/ 480-lb. net weight bales.

3/ Other States include FL and KS. Individual State level estimates will be published in the "Crop Production 2004 Summary."

## Regional Cotton Information

In the Southeastern States, ideal weather conditions in early October allowed defoliation and harvesting to progress rapidly. Scattered showers toward the end of the month in north Alabama, the Carolinas, and Virginia delayed harvesting. Lingering fog and misty mornings delayed picking in Georgia until mid-day. Objective yield data continue to show above average boll counts in North Carolina, with average boll weight at the highest level of the previous five years.

Cotton producers in the Delta region made excellent progress harvesting their crop under warm, sunny conditions during early October. Heavy showers returned during mid-October and continued during the rest of the month. In parts of Louisiana and Mississippi, harvest was interrupted for several days as a result of saturated fields. Despite the weather conditions, harvest in the lower Delta remained at the 5-year average or only slightly behind. Boll counts and average boll weights in Mississippi and Louisiana are above the 15-year average. Boll counts in Arkansas are slightly above the 15-year average and boll weights are the highest on record.

At the beginning of the month, cooler than normal temperatures delayed maturity and muddy conditions hindered equipment from

entering fields around Lubbock, Texas. Harvesting gained momentum later in the month even though producers encountered snow and heavy thunderstorms. In southern Texas, harvest was almost complete. Oklahoma and Kansas cotton crops were progressing slightly behind the 5-year average due to storms and cooler weather earlier in the season. Objective yield measurements show Texas boll counts and average boll weights are the highest in the 15-year data series.

The cotton harvest in the San Joaquin Valley rapidly advanced throughout the month under ideal conditions. Data from objective yield measurements show California boll counts are the second highest in the 15-year data series, surpassed only by 2002. Boll weights are below the 15-year average, but the highest since 1997. Arizona's harvest was well underway by October 1 and made rapid progress with the excellent harvest weather.

All cotton ginned totaled 8,756,750 running bales prior to November 1, compared with 7,392,800 running bales ginned by the same date last year and 6,696,650 running bales ginned in 2002.

### Cottonseed: Production, United States

STATE	Production		
	2002	2003	2004 1/
		1,000 Tons	
US	6,183.9	6,664.6	8,245.0

1/ Based on a 3-year average lint-seed ratio.

### Cotton Ginnings: Running Bales Ginned (Excluding Linters) Prior To November 1, by Crop, State, and United States, Crop Years 2001-2004

Crop And State	Running Bales Ginned			
	2001	2002	2003	2004
<b>All Cotton</b>				
AL	287,400	234,150	301,600	355,850
AZ	<b>216,400</b>	<b>214,500</b>	<b>147,000</b>	<b>185,500</b>
AR	1,089,000	832,700	928,650	1,019,100
CA	667,700	584,000	365,950	700,150
FL	45,950	16,800	41,450	36,250
GA	666,700	478,500	607,350	723,150
LA	706,600	474,400	823,850	605,550
MS	1,345,400	1,051,050	1,446,600	1,408,500
MO	407,300	309,000	261,150	383,150
NM	23,400	8,800	13,050	7,600
NC	444,900	275,900	208,100	560,000
OK	56,500	59,750	50,050	65,300
SC	166,600	34,750	70,700	160,750
TN	566,300	403,000	369,500	451,200
TX	2,069,900	1,689,000	1,740,600	2,046,400
VA	46,300	30,350	17,200	48,300
US	8,806,350	6,696,650	7,392,800	8,756,750
<b>American-Pima</b>				
AZ 1/				
CA 1/	85,950	90,200		159,850
NM 1/				
TX 1/			6,500	5,800
US	99,900	104,600	59,350	167,600

1/ Withheld to avoid disclosing individual gins.

## Corn Production Up 1 Percent

Corn production is forecast at 11.7 billion bushels, up 1 percent from last month and 16 percent above 2003. Based on conditions as of November 1, the yield is expected to average 160.2 bushels per acre, up 1.8 bushels from October and 18.0 bushels above last year. If realized, both production and yield would be the largest on record. The previous records for both were set last year when production was estimated at 10.1 billion bushels and yield was 142.2 bushels

per acre. Across the U.S., yields are forecast at record high levels in 19 of the 33 published corn States. With the exception of Wisconsin, yields in the Corn Belt States are forecast at record highs as weather conditions have been mostly favorable throughout the growing season.

**Corn For Grain: Area Harvested, Yield, And Production By State and United States, 2003 and Forecasted November 1, 2004**

State	Area Harvested		Yield			Production	
	2003	2004	2003	Oct 1, 2004	Nov 1, 2004	2003	2004
	1,000 Acres		Bushels			1,000 Bushels	
AL	190	210	122.0	120.0	123.0	23,180	25,830
AR	350	300	140.0	140.0	140.0	49,000	42,000
CA	170	190	160.0	165.0	165.0	27,200	31,350
CO	890	1,000	135.0	132.0	128.0	120,150	128,000
DE	162	155	123.0	144.0	144.0	19,926	22,320
GA	285	280	129.0	130.0	130.0	36,765	36,400
IL	11,050	11,550	164.0	180.0	180.0	1,812,200	2,079,000
IN	5,390	5,500	146.0	167.0	169.0	786,940	929,500
IA	12,000	12,300	157.0	180.0	183.0	1,884,000	2,250,900
KS	2,500	2,750	120.0	148.0	151.0	300,000	415,250
KY	1,080	1,110	137.0	150.0	150.0	147,960	166,500
LA	500	405	134.0	135.0	135.0	67,000	54,675
MD	410	420	123.0	152.0	152.0	50,430	63,840
MI	2,090	1,950	126.0	127.0	132.0	263,340	257,400
MN	6,650	6,900	146.0	155.0	157.0	970,900	1,083,300
MS	530	440	135.0	136.0	136.0	71,550	59,840
MO	2,800	2,850	108.0	156.0	159.0	302,400	453,150
NE	7,700	7,900	146.0	168.0	168.0	1,124,200	1,327,200
NJ	61	72	113.0	128.0	135.0	6,893	9,720
NM	48	49	180.0	180.0	180.0	8,640	8,820
NY	440	450	121.0	121.0	121.0	53,240	54,450
NC	680	760	106.0	115.0	115.0	72,080	87,400
ND	1,170	1,500	112.0	110.0	110.0	131,040	165,000
OH	3,070	3,100	156.0	160.0	160.0	478,920	496,000
OK	190	205	125.0	140.0	135.0	23,750	27,675
PA	890	900	115.0	134.0	145.0	102,350	130,500
SC	215	285	105.0	97.0	100.0	22,575	28,500
SD	3,850	4,100	111.0	120.0	127.0	427,350	520,700
TN	630	610	131.0	140.0	140.0	82,530	85,400
TX	1,650	1,600	118.0	133.0	135.0	194,700	216,000
VA	330	340	115.0	145.0	147.0	37,950	49,980
WA	70	100	195.0	200.0	200.0	13,650	20,000
WI	2,850	2,750	129.0	136.0	136.0	367,650	374,000
Oth Sts 1/	248	280	134.8	144.0	144.0	33,428	40,320
US	71,139	73,311	142.2	158.4	160.2	10,113,887	11,740,920

1/ Other States include AZ, FL, ID, MT, OR, UT, WV, and WY. Individual State level estimates will be published in the "Crop Production 2004 Summary."

### Published Monthly

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### October Farm Prices Received Index Down 4 Points From Last Month

The preliminary All Farm Products Index of Prices Received by Farmers in October, at 111, based on 1990-92=100, is 4 points (3.5 percent) below the September Index. Declines occurred in both the Crop Price Index and the Livestock Price Index. The Crop Index declined 6 points (5.4 percent) from September while the Livestock Index decreased 1 point (0.8 percent). Producers received higher commodity prices for lettuce, tomatoes, oranges, grapes, and cucumbers. Lower prices were received for corn, soybeans, hogs, broilers, and potatoes. 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 soybeans, corn, and cotton offset decreased marketings of dairy, grapes, and sweet corn. The preliminary All Farm Products Index is down 2 points (1.8 percent) from October 2003.

The Food Commodities Index declined 2 points (1.7 percent) from last month to 116. The index is unchanged from October 2003.

### Prices Paid Index Unchanged

The October Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 134 percent of the 1990-92 average. The index is unchanged from September but 5 points (3.9 percent) above October 2003. Lower prices in October for

feed grains, complete feeds, and feed concentrates are offset by higher prices for diesel fuel, feeder cattle, gasoline, and feeder pigs.

### Prices Received by Farmers: Arizona and United States, October 2003 and 2004 and September 2004

Commodity	Unit	Arizona			United States		
		October 2003	September 2004	October 2004	October 2003	September 2004	October 2004
		Entire Month	Entire Month	Mid-Month	Entire Month	Entire Month	Mid-Month
Upland Cotton 1/	¢ Lb	2/	2/	2/	67.8	49.3	47.7
Durum Wheat 3/	\$ Cwt	---	---	---	129.70	130.00	124.70
Alfalfa Hay Baled 4/	\$ Ton	83.00	90.00	95.00	89.10	95.50	97.80
Lemons 5/	\$ Box	26.70	---	31.70	25.60	34.70	32.70
Cows 6/	\$ Cwt	42.40	52.90	51.70	44.60	53.10	50.40
Steers and Heifers	\$ Cwt	92.10	107.00	111.00	97.80	89.30	91.10
Beef Cattle 7/	\$ Cwt	91.60	106.00	110.00	91.50	85.80	86.40
Calves	\$ Cwt	109.00	128.00	125.00	112.00	129.00	127.00
All Milk 8/	\$ Cwt	14.50	15.30	15.60	15.00	15.40	15.50

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: Lemons 76 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.

### United States Price Index Summary Table

Index 1990-92 = 100	2003		2004	
	September	October	September	October
Prices Received	111	113	115	111
Prices Paid	128	129	134	134
Ratio 1/	87	88	86	83

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