

cotton production



ANNUAL SUMMARY

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COTTON AND COTTONSEED PRODUCTION 1970 AND 1971 REVISED

The 1971 cotton crop is estimated at 10,473,000 bales, according to the Crop Reporting Board. Production is 3 percent above the 1970 crop of 10,192,000 bales and 5 percent above the 1969 crop. Cottonseed production for last year is estimated at 4,244,000 tons, 4 percent above the revised estimate of 4,068,000 tons produced in 1970.

Planted acreage for 1971 is estimated at 12,355,000 acres, 3 percent more than the 11,945,000 acres planted in 1970 and 4 percent above 1969. Abandonment is estimated at 7.2 percent of the planted total. Harvested acreage in 1971 was 11,471,000 acres, of which 11,369,900 were upland cotton and 101,000 were American-Pima.

Yield Per Acre Unchanged

The 1971 average yield per harvested acre is 438 pounds -- the same as the previous year. Average yield per acre for upland cotton was down 1 pound but American-Pima was up 97 pounds.

1971 Ginnings Total 10,229,326 Running Bales

The Bureau of the Census reported 10,229,326 running bales ginned during the 1971 season, including 95,907 bales of American-Pima cotton. Average net weight per running bale ginned in 1971 was 491.2 pounds, indicating 10,472,986 equivalent 480 pounds net weight bales. Ginnings in 1970 totaled 10,112,375 running bales, including 57,138 bales of American-Pima cotton.

Value Of 1971 Crop Higher

The preliminary season average price for lint (excluding price support) is 28.6 cents per pound, compared with 22.0 cents in 1970. Average price received for cottonseed was \$56.80 per ton in 1971, up slightly from the \$56.40 per ton in 1970. The combined value of lint and cottonseed production for the 1971 crop is \$1,680 million, 24 percent above the 1970 value of \$1,351 million.

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COTTON: Acreage and production, 1971 crop with comparisons

State	Planted acres			Harvested acres			Yield per planted acre		
	1969	1970	1971	1969	1970	1971	1969	1970	1971
	1,000 acres						Pounds		
North Carolina	184	173	194	166	160	175	259	429	335
South Carolina	350	346	381	287	290	320	281	292	346
Georgia	410	408	426	385	380	385	330	343	421
Tennessee	420	425	447	400	390	425	481	443	567
Alabama	566	565	579	545	538	558	390	431	531
Missouri	312	310	343	292	250	313	499	348	561
Mississippi	1,225	1,235	1,355	1,185	1,190	1,325	517	634	600
Arkansas	1,090	1,120	1,180	1,055	1,070	1,140	501	449	503
Louisiana	440	465	510	420	450	500	526	537	564
Oklahoma	500	525	445	465	450	396	267	176	191
Texas, All	5,175.0	5,251.8	5,265.7	4,675.0	4,896.0	4,735.4	265	293	238
Upland	5,147.5	5,225.0	5,230.0	4,648.0	4,870.0	4,700.0	264	294	237
Amer-Pima	27.5	26.8	35.7	27.0	26.0	35.4	483	332	474
New Mexico, All	163.0	154.5	156.5	146.0	141.3	150.6	463	444	471
Upland	147.0	139.0	135.0	131.5	126.0	130.0	473	457	474
Amer-Pima	16.0	15.5	21.5	14.5	15.3	20.6	366	330	453
Arizona, All	311.0	276.1	286.5	310.0	273.8	285.4	976	852	851
Upland	277.4	243.0	242.0	276.6	241.0	241.0	1,030	913	924
Amer-Pima	33.6	33.1	44.5	33.4	32.8	44.4	530	403	455
California, All	707.0	665.5	760.6	701.0	662.4	741.6	891	837	705
Upland	706.5	665.0	760.0	700.6	662.0	741.0	891	837	705
Amer-Pima	.5	.5	.6	.4	.4	.6	448	268	325
Virginia	5.5	4.8	4.8	5.0	4.3	4.2	183	344	216
Florida	13.6	13.3	11.5	9.7	8.2	9.3	331	269	486
Illinois	1.8	.6	1.7	.4	.4	.8	102	163	114
Kentucky	5.7	4.3	5.3	5.4	3.4	4.3	489	272	465
Nevada	2.3	2.3	2.3	2.3	2.2	2.3	654	521	319
<u>United States</u>									
Upland	11,804.3	11,869.3	12,252.6	10,979.5	11,085.5	11,369.9	403	410	406
Amer-Pima	77.6	75.9	102.3	75.3	74.5	101.0	479	362	460
All Cotton 1/	11,882	11,945.2	12,354.9	11,055	11,160.0	11,470.9	404	410	407

See footnotes on next page.

Cotton acreage and production, 1971 crop with comparisons

State	Yield per harvested acre			Production 2/ 480 lb. net weight bales			Bales ginned as reported by Census (480 lb. net weight)	
	1969	1970	1971	1969	1970	1971	1970	1971
	Pounds			1,000 bales			Bales	
North Carolina	287	464	371	99	155	135	158,158	138,305
South Carolina	342	349	412	205	211	275	210,695	273,836
Georgia	351	368	466	282	292	374	284,386	365,833
Tennessee	505	483	600	421	392	528	390,844	526,800
Alabama	405	453	551	460	507	640	514,797	648,657
Missouri	533	431	614	325	224	401	3/224,321	3/398,107
Mississippi	534	658	613	1,319	1,631	1,693	1,628,310	1,687,774
Arkansas	518	470	520	1,137	1,048	1,236	1,054,455	1,244,608
Louisiana	551	555	576	482	521	600	520,225	602,749
Oklahoma	288	206	215	279	193	177	191,802	175,543
Texas, All	294	315	265	2,859	3,209.1	2,614.3	3,221,327	2,627,437
Upland	292	315	263	2,831.3	3,190.5	2,579	3,198,421	2,583,607
Amer-Pima	492	342	478	27.6	18.6	35.3	22,906	43,830
New Mexico, All	517	486	490	157	142.9	153.3	130,487	139,521
Upland	529	504	493	145	132.3	133	124,020	127,822
Amer-Pima	404	334	473	12.2	10.6	20.3	6,467	11,699
Arizona, All	979	859	854	632	489.9	508.1	487,989	507,772
Upland	1,033	920	928	595.1	462.1	466	4/1,620,882	4/1,583,324
Amer-Pima	533	407	456	37.1	27.8	42.1	4/27,975	4/42,565
California, All	898	841	723	1,312	1,160.3	1,117.4	1,160,868	1,118,117
Upland	899	841	723	1,311.6	1,160.0	1,117	4/	4/
Amer-Pima	498	335	325	.5	.3	.4	4/	4/
Virginia	201	384	247	2.1	3.4	2.2	5/6,278	5/6,087
Florida	464	436	602	9.4	7.4	11.7	7,502	11,840
Illinois	460	245	242	.4	.2	.4	3/	3/
Kentucky	516	344	573	5.8	2.4	5.1	5/	5/
Nevada	654	545	319	3.1	2.5	1.5	5/	5/
<u>United States</u>								
Upland	433	439	438	9,912.8	10,134.8	10,374.9	10,134,796	10,374,892
Amer-Pima	493	369	466	77.4	57.3	98.1	57,348	98,094
All Cotton 1/	434	438	438	9,990	10,192.1	10,473.0	10,192,144	10,472,986

- 1/ 1969 acreage and production rounded to thousands.
- 2/ Equivalent 480-pounds net weight bales ginned.
- 3/ Missouri and Illinois combined.
- 4/ Arizona and California combined.
- 5/ Virginia, Kentucky, and Nevada combined.

COTTON LINT: Season average price received by farmers and value of production, 1970 and 1971 crops 1/

State	Price per pound 2/		Value of production		Price per pound plus price support payments 3/		Value of production plus price support payments	
	1970 4/	1971 5/	1970	1971	1970 4/	1971 5/	1970	1971
	Cents		1,000 dollars		Cents		1,000 dollars	
N. C.	22.53	29.7	17,468	19,306	37.40	49.0	28,995	31,837
S. C.	22.39	29.1	23,664	38,371	51.33	51.8	54,249	68,284
Ga.	21.66	29.2	31,653	52,420	45.55	47.7	66,572	85,691
Tenn.	22.07	27.7	43,379	70,226	38.89	39.7	76,436	100,687
Ala.	21.96	28.9	55,863	88,838	39.67	43.2	100,907	132,937
Mo.	22.43	27.0	25,223	51,924	41.33	37.3	47,151	71,775
Miss.	21.94	27.0	179,275	219,373	36.55	40.6	298,679	329,510
Ark.	22.27	27.7	116,899	164,348	37.18	40.0	195,176	237,205
La.	22.10	29.0	57,649	83,455	37.12	41.5	96,840	119,438
Okla.	20.00	29.0	19,284	24,688	44.38	54.5	42,790	46,415
Texas All	20.68	27.66	332,082	347,093	39.70	49.7	637,449	624,066
Upland	20.56	27.40	328,310	339,204	39.63	49.6	632,844	614,213
Amer-Pima	42.40	46.6	3,772	7,889	51.76	58.2	4,605	9,853
N. M. All	25.04	32.27	17,867	23,809	44.78	49.8	31,953	36,709
Upland	23.66	30.00	15,674	19,209	44.19	48.8	29,276	31,235
Amer-Pima	42.90	47.2	2,193	4,600	52.38	56.2	2,677	5,474
Ariz. All	23.81	30.95	58,316	75,462	41.74	47.3	102,217	115,423
Upland	22.65	29.80	52,448	66,619	41.08	46.8	95,114	104,709
Amer-Pima	44.00	43.7	5,868	8,843	53.26	52.9	7,103	10,714
Calif. All	24.28	32.90	141,167	176,439	39.70	47.9	230,779	256,861
Upland	24.28	32.90	141,114	176,354	39.68	47.9	230,615	256,763
Amer-Pima	39.30	43.5	53	85	122.39	50.3	164	98
Va.	21.00	28.00	363	291	37.79	55.1	653	573
Fla.	23.60	30.50	883	1,706	48.02	46.4	1,796	2,595
Ill.	22.00	26.00	23	50	147.57	80.4	152	156
Ky.	22.00	27.50	270	678	58.37	43.3	715	1,067
Nev.	23.50	31.50	294	231	51.12	69.1	640	507
U. S. All	21.98	28.62	1,121,622	1,438,708	39.47	45.0	2,014,149	2,261,736
Upland	21.86	28.46	1,109,736	1,417,291	39.39	44.9	1,999,600	2,235,597
Amer-Pima	43.25	45.47	11,886	21,417	52.95	55.5	14,549	26,139

1/ 1971 crop preliminary. 2/ Beginning August 1971 (1971 crop), basis for upland cotton prices was changed from 500 pound gross weight to a 480 pound net weight bale; to compute comparable prices for previous periods multiply price times 1.04167. 3/ Does not include payments for acreage diversion, conservation practices, etc. 4/ Includes allowance for unredeemed loans. 5/ Average price to April 1, 1971; includes allowance for outstanding loans.

COTTONSEED: Production, farm disposition, and value of sales to oil mills
1970 and 1971 crops 1/

State	Production		Farm Disposition				Used for		Value of sales	
	:		:		:		:		:	
	1970	1971	1970	1971	1970	1971	1971	1972	1970	1971
	1,000 tons						1,000 dollars			
N. C.	65	49	61	45	4	4	2.6	2.8	3,111	2,183
S. C.	87	110	32	105	5	5	4.0	4.2	4,166	5,492
Ga.	121	153	114	146	7	7	6.0	6.2	5,426	7,315
Tenn.	160	212	153	205	7	7	5.6	5.9	8,231	11,275
Ala.	204	256	195	246	9	10	7.5	8.2	9,906	12,546
Mo.	95	169	88	161	7	8	6.0	7.2	4,189	8,871
Miss.	631	663	590	621	41	42	16.3	19.3	33,276	35,894
Ark.	419	495	400	471	19	24	17.1	22.0	22,920	26,659
La.	205	229	197	220	8	9	5.4	6.7	10,658	12,320
Okla.	79	75	72	67	7	8	5.1	6.4	4,190	3,806
Texas	1,242	1,050	1,142	970	100	80	71.1	76.7	62,810	54,805
N. Mex.	54	59	51	56	3	3	2.1	2.1	3,111	3,517
Ariz.	200	221	194	216	6	5	2.6	2.7	11,640	12,960
Calif.	499	494	487	481	12	13	11.4	11.5	32,580	30,303
Other States 4/	7	9	6	8	1	1	0.3	0.3	320	454
U. S.	4,068	4,244	3,832	4,018	236	226	163.1	182.2	216,534	228,400

COTTONSEED: Season average price received by farmers and value of production, 1970 and 1971 crops 1/

State	1970		1971	
	Price	Value of	Price	Value of
	per ton	production	per ton	production
	Dollars	1,000 dollars	Dollars	1,000 dollars
N. C.	51.00	3,315	48.50	2,377
S. C.	50.80	4,420	52.30	5,753
Ga.	47.60	5,760	50.10	7,665
Tenn.	53.80	8,608	55.00	11,660
Ala.	50.80	10,363	51.00	13,056
Mo.	47.60	4,522	55.10	9,312
Miss.	56.40	35,588	57.80	38,321
Ark.	57.30	24,009	56.60	28,017
La.	54.10	11,091	56.00	12,824
Okla.	58.20	4,598	56.80	4,260
Texas	55.00	68,310	56.50	59,325
N. Mex.	61.00	3,294	62.80	3,705
Ariz.	60.00	12,000	60.00	13,260
Calif.	66.90	33,383	63.00	31,122
Other States 4/	50.80	345	56.70	499
U. S.	56.40	229,606	56.80	241,156

1/ 1971 crop preliminary.

2/ Includes planting seed, exports, some sales between farms, shrinkage, losses and other uses.

3/ Included in "other" farm disposition. Planting seed from previous year's crop.

4/ Data not shown separately for Virginia, Florida, Illinois, Kentucky, and Nevada.

Cotton: Estimated percent of production sold each month of the crop marketing year, 1970 crop 1/

State	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total through July 2/
	P e r c e n t												
N. C.	0	1	35	18	8	5	3	4	3	5	9	9	100
S. C.	0	9	26	23	16	15	5	2	1	1	1	1	100
Ga.	0	6	15	24	21	10	8	6	3	3	3	1	100
Tenn.	0	3	26	44	21	2	1	1	1	1	0	0	100
Ala.	0	6	27	31	22	9	2	2	1	0	0	0	100
Mo.	0	3	34	32	24	3	1	2	1	0	0	0	100
Miss.	0	3	11	23	20	12	4	8	8	4	4	3	100
Ark.	0	1	21	33	26	5	3	4	3	2	1	1	100
La.	0	2	16	29	24	10	4	5	5	3	1	1	100
Okla.	0	1	2	13	35	19	4	8	4	5	4	5	100
Texas 3/	4	8	7	18	25	20	3	4	2	3	3	3	100
N. Mex.	0	0	0	9	15	10	10	14	7	12	12	10	99
Ariz.	0	1	11	31	21	19	3	3	3	1	2	5	100
Calif.	0	1	10	16	19	11	7	10	5	6	7	8	100
U. S. 3/	1.2		13.5		22.5		3.9		3.6		3.2		99.9
		4.0		23.4		13.1		5.4		3.0		3.1	

1971 Crop-Preliminary

State	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total through March 4/
	P e r c e n t								
N. C.	0	1	5	21	19	17	4	5	72
S. C.	0	7	30	29	17	7	6	2	98
Ga.	0	2	17	21	28	15	8	5	96
Tenn.	0	2	33	46	16	2	1	0	100
Ala.	0	2	19	40	24	12	2	1	100
Mo.	0	5	47	38	8	1	1	0	100
Miss.	0	1	19	33	23	17	2	2	97
Ark.	0	2	33	42	15	5	1	0	98
La.	0	1	12	40	28	15	1	2	99
Okla.	0	0	0	4	16	40	18	7	85
Texas 3/	9	10	7	5	15	33	8	3	90
N. Mex.	0	0	3	11	27	19	9	9	78
Ariz.	0	1	6	19	26	26	4	5	87
Calif.	0	1	6	22	24	16	6	8	83
U. S. 3/	2	4	16	25	20	18	5	3	93

1/ Percents of four-tenths or less shown as "0".

2/ Excludes unredeemed loans on August 1, 1971.

3/ A small percent for July is included in August.

4/ Excludes unredeemed loans and cotton still in producers' hands on April 1, 1972.

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About 12 Percent Placed Under Loan

A total of 1,244,999 bales of 1971 crop cotton entered the Commodity Credit Corporation cotton loan program through March 31, 1972. Loans on 619,828 bales had been repaid leaving loans outstanding of 625,171 bales on that date.

Weather Conditions for 1971 Cotton Crop

Cool, wet weather at planting time in the Southeast and in the major Delta States caused considerable replanting and difficulty in obtaining adequate stands. Extensive drought in the major growing areas of Texas delayed planting in that State.

The crop in the Southeast and Delta States was still about 10 days later than normal at the first of August. Rains in Texas improved soil moisture but were too late for full benefit on some acreage.

In September excessive moisture in the Delta area resulted in rank stalk growth. Insect control was difficult and boll rot became a problem. In Texas and Oklahoma rains and cool weather delayed maturity and slowed harvest. In October and November near ideal harvest weather existed in the Delta States and harvest was about 97 percent complete by December 1. Cool, wet weather continued to delay harvest in Texas and Oklahoma and by December 1 only 34 percent of the crop had been ginned. Harvest moved at a rapid pace during periods of open weather in late December, January, and February in this two State area.

