

Cotton Ginning Charges, Harvesting Practices, and Selected Marketing Costs, 1982/83 Season



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GINNING CHARGES

The average charge for saw-ginning and wrapping a 480-pound net-weight bale of upland cotton in the United States was \$43.46 during the 1982/83 season, an increase of 56 cents per bale from that of 1981/82. Average charges varied from \$33.70 per bale in Alabama to \$49.01 per bale in Texas.

North and South Carolina showed the largest increases, with total charges per bale up by \$4.85 and \$3.92, respectively. Ginning charges dropped in three States. New Mexico showed the sharpest decrease, with the average charge down by \$1.53 per bale. Charges for ginning American-Pima cotton are estimated at \$59 per bale during the 1982/83 season, an increase of \$2.73 over charges in 1981/82.

ACTIVE GINS

Active cotton gins in 1982/83 numbered 1,996, compared with 2,186 during 1981/82. Despite 190 fewer active gins, the average volume processed per gin fell from 6,887 bales in 1981/82 to an average of 5,719 during the 1982/83 season. The sharply smaller 1982/83 cotton crop reduced Beltwide gin volumes in 1982/83. Gin numbers varied from 37 in New Mexico and North Carolina to 672 in Texas.

METHOD OF HARVESTING

Machine-picking and machine-stripping are the primary methods of harvesting cotton. A small amount of the U.S. crop is harvested by machine-scraping (gleaning from the ground), especially in Arizona. The percentage of cotton harvested by the machine-picking method increased to 74 percent this season, compared with 62 percent last season. This increase is attributed to a much smaller proportionate share of U.S. production in Texas in 1982/83 compared with last season, as most Texas cotton is machine-stripped. The percentage of the 1982/83 crop ginned from field-stored modules decreased to approximately 36 percent, down slightly from last season's 39 percent. Sharply lower production in 1982/83 reduced the need for temporary field storage in many areas.

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Note: Data for previous seasons were collected through actual gin visits by the Cotton Division, Agricultural Marketing Service. Because of budget constraints, data for the 1982/83 season are estimates based on numerous telephone contacts and secondary sources of information.

Average charges for saw-ginned upland cotton
marketing, and related infor

Item	Unit	U.S.	Ala.	Ariz.	Ark.
Bales ginned <u>1/</u> (running bales)	:Thous.:	11,416	439	1,039	526
Active gins <u>2/</u>	: No. :	1,996	96	112	155
Ginning and wrapping charges:					
Total charge per 480-lb. net-weight bale <u>3/</u>	: Dol. :	43.46	33.70	42.87	37.61
Method of harvesting:					
Machine-picked	: Pct. :	74	100	86	100
Machine-stripped	: Pct. :	25	<u>4/</u>	3	---
Machine-scraped	: Pct. :	1	---	11	---
Weight of seed cotton per 480-lb. net-weight bale:					
Machine-picked	: Lbs. :	1,518	<u>5/</u>	1,443	1,510
Machine-stripped	: Lbs. :	2,263	---	<u>4/</u>	---
Machine-scraped	: Lbs. :	1,901	---	1,881	---
Cotton ginned from:					
Trailers	: Pct. :	64	90	40	97
Modules	: Pct. :	36	10	60	3
Ricks	: Pct. :	<u>4/</u>	---	---	---
Charges for warehousing and related services: <u>7/</u>					
Charge per bale for receiving	: Dol. :	2.16	2.78	<u>8/</u>	1.53
Charge per bale per month for insured storage	: Dol. :	1.41	1.45	1.57	1.40
Charge per bale for compressing to universal density	: Dol. :	6.45	6.00	6.08	7.43
Charge per bale for outhandling	: Dol. :	4.94	3.55	5.02	6.83

--- = 0. 1/ Based on report of March 1983 by Bureau of the Census, but exclude 14,546 bales ginned in Fla. and Nev. 2/ Based on Bureau of the Census lint cleaners, but does not reflect any patronage dividends, customer rebates not weighed. 6/ No data available. 7/ Based on published tariffs. 8/ Sepa

Upland cotton, average charges for selected services incident to
 ginning, by State, 1982/83 season

Ark.	Calif.	Ga.	La.	Miss.	Mo.	N. Mex.	N.C.	Okla.	S.C.	Tenn.	Tex.
526	2,983	223	842	1,687	195	70	101	226	140	324	2,621
155	192	59	95	263	59	37	37	79	57	83	672
37.61	48.59	44.50	35.32	36.00	39.99	47.02	44.50	47.35	42.75	33.86	49.01
100	99	100	100	100	100	55	100	4	100	97	4
---	1	---	<u>4/</u>	<u>4/</u>	---	45	---	95	---	3	96
---	<u>4/</u>	---	---	---	---	<u>4/</u>	---	1	---	---	---
1,510	1,527	<u>5/</u>	<u>6/</u>	<u>5/</u>	<u>6/</u>	1,530	<u>5/</u>	1,631	<u>5/</u>	<u>5/</u>	1,492
---	1,985	---	<u>6/</u>	---	---	2,294	---	2,042	---	---	2,285
---	<u>6/</u>	---	---	---	---	<u>6/</u>	---	2,730	---	---	---
97	50	96	92	85	100	80	100	80	99	100	42
3	49	4	8	15	---	20	---	20	1	---	57
---	1	---	---	---	---	---	---	<u>4/</u>	---	---	1
1.53	<u>8/</u>	2.32	2.35	1.86	1.56	1.80	1.63	2.05	1.47	<u>9/</u>	2.41
1.40	1.43	1.35	1.68	1.34	1.45	1.36	1.09	1.31	1.01	1.42	1.31
7.43	5.54	---	6.08	7.26	7.31	6.64	---	7.00	---	5.87	7.08
6.83	4.77	3.54	6.27	6.75	6.55	3.90	1.89	3.60	2.56	6.68	3.54

Excluding all American-Pima and upland cotton ginned on roller gins. Also excluded
 Census information. 3/ Includes bagging and ties, drying of seed cotton, and use of
 rebates, or cotton classing fees. 4/ Less than 0.5 percent. 5/ Seed cotton usually
8/ Separate charges not available.

**POUNDS OF SEED
COTTON REQUIRED
FOR A 480-POUND
NET-WEIGHT BALE**

For the 1982/83 season, approximately 1,518 pounds of seed cotton were required to yield a 480-pound net-weight bale of cotton by the machine-picked method of harvesting, only about 9 pounds more than last year's figure.

However, under the machine-stripped method, 2,263 pounds of seed cotton were needed, compared with 2,203 during 1981/82. Cotton harvested by machine-scraping required 1,901 pounds of seed cotton for each 480-pound net-weight bale in 1982/83, about 152 pounds less than that of last year.

**SELECTED SERVICES
INCIDENT TO
MARKETING**

The four primary cotton warehousing functions are receiving bales at warehouses, insured storage, compressing of bales to universal density, and outhandling services at time of shipment to mills or ports. During the 1982/83 season, average receiving charges were \$2.16 per bale, down 3 cents from a year ago. Insured storage charges averaged \$1.41 per month during 1982/83, compared with \$1.38 per month last season, while universal density compression averaged \$6.45 a bale, down 9 cents from the 1981/82 average. The average charge for outhandling services was \$4.94 a bale during 1982/83, an increase of 66 cents over charges during 1981/82.

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