

Cottonseed
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UNITED STATES DEPARTMENT OF AGRICULTURE
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COTTONSEED QUALITY IN THE UNITED STATES
1951



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COTTONSEED QUALITY IN THE UNITED STATES
CROP OF 1951

This publication contains information on the quality of cottonseed graded from the 1951 crop. The quality information was obtained from cottonseed grade certificates issued by approved testing laboratories and is broken down to show detailed quality information by states, crop reporting districts, and by months. To facilitate comparison, the data for the 1950 crop are included. During the year ending July 31, 1952, licensed chemists under the supervision of the Department of Agriculture issued certificates covering 124,398 samples of cottonseed. These samples were drawn at random from cottonseed delivered to crushing mills during the season. Cottonseed quality data for 1951-52 for certain concentrated production areas in the Far West was published in the report, "Cottonseed Quality in the Far West, 1951-52", which was released in August 1952. Although the sample data may not fully represent the quality of cottonseed produced in every district, the sample for the most part adequately reflects the quality of cottonseed sold to oil mills in the major portion of the Cotton Belt. The production of cottonseed, deliveries to oil mills, and the number of samples graded, by states, are shown in Table 1.

Table 1. Cottonseed: Production, deliveries to oil mills, and certificates included, by States and United States, 1950 and 1951 ^{1/}

State	Production of cottonseed		Deliveries to oil mills		Certificates included	
	1950	1951	1950	1951	1950	1951
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Number	Number
Alabama	225	371	195	330	6,724	11,087
Arizona	190	360	170	340	-	-
Arkansas	448	524	375	460	17,323	20,309
California	402	735	380	700	-	-
Florida	6	14	5	13	26	97
Georgia	205	382	180	355	2,133	5,361
Illinois	2/	2/	2/	2/	2/	2/
Kentucky	2/	2/	2/	2/	2/	2/
Louisiana	169	308	140	280	6,039	9,672
Mississippi	534	656	440	555	19,048	21,853
Missouri	110	136	95	125	4,782	5,964
N. Mexico	76	115	69	110	852	1,462
N. Carolina	75	228	60	210	3,478	6,551
Oklahoma	98	191	80	170	2,504	5,526
S. Carolina	165	374	135	325	6,024	5,305
Tennessee	165	218	140	195	6,278	7,956
Texas	1,232	1,704	1,035	1,465	12,214	22,908
Virginia	2	6	1	5	94	256
Other States ^{3/}	3	3	2	3	144	91
U. S.	4,105	6,325	3,502	5,641	87,663	124,398

^{1/} Season beginning August 1.

^{2/} Included in all other States.

^{3/} Illinois, Kansas, and Kentucky.

Quality Determination

There are five basic quality factors involved in the determination of the quality of cottonseed in accordance with the United States Official Standards for Grades. These factors are (1) oil; (2) ammonia or protein (meal and cake); (3) moisture; (4) free fatty acids in the oil (indicator of oil deterioration); and (5) foreign matter (trash, shale, sand, etc., in the seed). These five basic factors are combined to form indices of quantity and quality which in turn are used to determine the official grade of cottonseed.

A complete outline of the method of calculating the grade of cottonseed was published in COTTONSEED QUALITY IN THE UNITED STATES, CROPS OF 1944 AND 1945, issued in March 1947. This outline includes a discussion of the quality factor tolerances and the description of the various qualities of cottonseed.

The average quality factors ^{1/} of cottonseed by states and for the United States for 1950 and 1951 are shown in Table 2. Average percentages of oil and ammonia are shown along with the average percentages of moisture, free fatty acids in the oil, and foreign matter. In addition to these basic elements of quality the table also shows the average quantity and quality indices and the average grade for the United States and for each state except Arizona and California. This information is also shown by specified periods for each state in Table 3 and by districts within each state in Table 4. The regular crop reporting districts for each state were used.

GRADE HIGHER

The average grade of cottonseed in the United States for the samples included was 98.0 in 1951 against 96.0 in 1950. Compared with a year earlier the average grade was higher in Arkansas, Mississippi, Missouri, New Mexico, South Carolina, and Tennessee. The greatest improvement occurred in South Carolina.

QUANTITY INDEX SLIGHTLY HIGHER

The average quantity index for the United States in 1951 was 101.56, slightly higher than the index of 101.02 in 1950. The index was higher in Arkansas, Illinois, Kentucky, Missouri, New Mexico, South Carolina, and Tennessee. Missouri showed the greatest improvement over a year earlier. The proportions of all cottonseed samples graded having specified quantity indices are shown in Table 5, Page 18.

QUALITY INDEX HIGHER

The average quality index of cottonseed in 1951 averaged 96.5 an improvement of 1.5 from that of a year earlier. Increases in the quality index from the previous year were recorded in Arkansas, Mississippi, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, and Virginia. The greatest improvement was noted in South Carolina and Mississippi. Of the total samples graded in the 1951 season 47.5 percent were prime seed, 51.9 percent below prime and off quality, and 0.5 percent were below grade. In the previous season 17.7 percent of the total samples were prime seed, 82.3 below prime and off quality, and less than 0.05 percent were below grade. The proportion of all cottonseed samples graded containing specified quality indices are shown in Table 6, Page 19.

^{1/} Averages for quality index, quantity index, and grade are not calculated on the basis of average quality factors and the formulas for computing indices and grades for individual certificates. In each case averages are the arithmetic means of indices and grades for individual certificates.

Oil Content Lower

The average percentage of oil in the samples graded in 1951 was slightly less than a year earlier--18.5 in 1951 against 18.7 in 1950. The percentage of oil in the samples included declined in all states except Arkansas, Illinois, Missouri, New Mexico, and South Carolina. The sharpest increase was in Missouri while the greatest decline was in Oklahoma. The proportions of total cottonseed samples containing specified percentages of oil, by states and for the United States are shown in Table 9, Page 21.

Ammonia Content Higher

The percentage of ammonia in all samples graded during the 1951 season averaged 3.88 compared with 3.64 in 1950. The ammonia content in the samples graded increased in all states with the exception of Florida, New Mexico, North Carolina, South Carolina, and Virginia. Alabama cottonseed showed the greatest increase in ammonia and North Carolina and Virginia the largest decrease. The proportion of cottonseed samples containing specified percentages of ammonia, by states and for the United States, are shown in Table 10, Page 22.

Moisture Content Lower

The average content of moisture in cottonseed graded in 1951 was 11.0 percent, 1.8 percentage points less than in 1950. The average percentage of moisture was lower in all states except Oklahoma, Texas, and Virginia. The moisture content declined more in Florida than any other state. The percentage of the various qualities of cottonseed with respect to moisture and the proportion of samples containing specified percentages of moisture appear in Table 12, Page 24.

Free Fatty Acid Content Declines

The percentage of free fatty acids in the oil averaged 1.5 percent in all samples graded in 1951 against 1.9 a year earlier. The percentage of free fatty acids declined in Mississippi, North Carolina, South Carolina, and Virginia, remained the same in Arkansas and Tennessee, and increased in all other states. According to samples graded the greatest reductions in the free fatty acid content were in Mississippi and South Carolina. The percentage of the total samples containing specified percentages of free fatty acids, by states and for the United States, are shown in Table 14, Page 26.

Foreign Matter Content Slightly Lower

The average percentage of foreign matter in the samples tested during 1951 was 1.0 compared with 1.1 in 1950. The tolerance for prime quality cottonseed is 1.0 percent of foreign matter. The percent of foreign matter in the samples graded was the same as or less than a year earlier in all states except Louisiana and North Carolina. Cottonseed produced in the Southeastern states contained the smallest percentages of foreign matter for both 1950 and 1951. Samples graded which showed 1.0 percent or less of foreign matter were equivalent to 74.5 percent of the total in 1951 against 71.4 in 1950. The proportions of total cottonseed samples containing specified percentages of foreign matter, by states and for the United States, are shown in Table 16, Page 28.

Number of Samples by Qualities and Reductions

The total number of samples graded by qualities and the number of samples reduced in grade on account of excessive percentages of moisture, free fatty acids, or foreign matter, are shown in Table 17, Page 29. Some samples were reduced for two or more reasons which accounts for the fact that the total number of reductions for some states exceeds the total number of samples tested.

Information on quality of cottonseed produced in the Far West was published for the first time by the Department of Agriculture in the report entitled "Cottonseed Quality in the Far West, 1951-52". This report which was released in August 1952, contains data based on official analyses of samples of cottonseed drawn twice a week from representative gins in the principal producing areas in that region. Copies of this report may be obtained upon request from the Research and Testing Division, Cotton Branch, Production and Marketing Administration, U. S. Department of Agriculture, Washington 25, D. C.

Table 2. Average qualities of cottonseed, by States and United States 1/, 1950 and 1951 2/

State	Oil		Ammonia		Moisture		Free fatty acids		Foreign matter		Average index		Average grade		
	1950 Pct.	1951 Pct.	1950 Pct.	1951 Pct.	1950 Pct.	1951 Pct.	1950 Pct.	1951 Pct.	1950 Pct.	1951 Pct.	Quantity 1950	Quality 1951			
Ala.	18.8	17.7	3.56	3.99	13.3	11.0	1.6	1.7	0.7	0.6	101.78	99.75	97.0	97.0	96.9
Ark.	18.4	18.8	3.44	3.69	14.2	12.7	1.6	1.6	1.3	1.1	99.18	102.35	95.4	95.7	97.8
Fla.	17.2	16.9	3.78	3.70	16.3	13.1	3.0	3.5	2.2	.7	96.02	94.23	96.0	90.2	84.3
Ga.	18.2	17.9	3.75	3.91	13.0	11.3	1.9	2.3	.8	.6	100.31	100.14	95.5	94.6	94.6
Ill.	18.0	18.6	3.27	3.49	15.0	14.4	4.6	6.2	3.1	2.6	96.63	100.23	82.0	80.0	74.6
Ky.	17.5	17.2	3.29	3.58	17.0	15.2	2.1	3.0	2.9	2.2	94.63	95.12	91.4	87.5	83.1
La.	18.7	17.9	3.60	3.95	13.5	11.4	2.4	3.0	.7	.8	101.68	100.39	94.9	92.2	92.2
Miss.	18.7	18.3	3.70	3.95	13.8	10.7	2.9	1.3	.8	.7	101.84	101.79	92.4	97.8	99.6
Mo.	17.1	18.2	3.31	3.61	15.3	13.9	1.9	2.8	2.0	1.7	92.80	99.52	92.0	89.7	88.2
N. Mex.	19.4	19.7	3.91	3.83	8.2	7.5	.6	.7	1.8	1.8	105.92	106.54	98.8	99.0	105.5
N. C.	18.6	18.4	3.67	3.56	12.2	11.9	1.8	1.5	.5	.6	101.41	99.82	97.1	97.7	97.4
Okla.	19.6	17.9	3.94	4.13	8.8	9.7	.5	.6	1.3	.9	105.73	101.87	99.4	99.6	101.4
S. C.	18.4	18.6	3.77	3.76	12.7	11.4	3.5	1.9	.5	.5	101.12	102.19	90.8	96.4	98.5
Tenn.	18.7	18.4	3.40	3.70	15.3	13.4	1.2	1.2	1.1	1.0	99.77	100.80	95.1	96.3	97.0
Tex.	19.8	19.3	3.96	4.09	7.9	8.1	.7	.8	2.0	1.5	104.19	103.21	98.7	98.9	102.1
Va.	18.8	18.1	3.59	3.48	13.5	14.7	3.0	1.6	1.1	.6	104.41	97.97	95.3	95.5	93.6
U. S. 1/	18.7	18.5	3.64	3.88	12.8	11.0	1.9	1.5	1.1	1.0	101.02	101.56	95.0	96.5	98.0

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

Table 3. Average qualities of cottonseed, by specified periods and States, 1950 and 1951

ALABAMA

Month	Oil		Ammonia		Moisture		Free fatty acids		Foreign matter		Average index		Average grade		Samples			
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951		
Aug.	17.8	17.3	3.72	3.91	13.3	11.1	0.9	0.9	0.5	0.4	98.71	97.66	98.0	99.1	96.5	97.1	131	1,085
Sept.	17.5	17.9	3.56	4.00	15.6	10.1	1.9	.8	.6	.5	96.44	100.55	94.5	99.7	91.0	100.3	1,444	3,349
Oct.	18.9	17.5	3.54	4.00	13.1	11.3	1.5	2.1	.5	.6	101.84	99.14	97.4	95.6	99.0	94.9	2,116	3,598
Nov.	19.6	17.8	3.60	4.01	12.3	11.5	1.4	2.3	.7	.8	104.80	100.25	98.3	94.9	103.0	95.4	1,264	1,499
Dec.	19.7	18.0	3.58	3.98	12.2	11.8	1.4	2.1	.8	.8	105.18	100.83	98.6	95.8	104.0	96.6	907	885
Jan.	19.4	17.7	3.56	3.95	12.8	12.0	1.6	2.7	1.3	1.0	104.03	99.56	97.8	94.1	102.0	93.3	352	344
Feb.	19.4	17.8	3.49	3.98	13.2	11.4	2.0	2.2	1.6	1.4	103.43	100.15	96.5	95.8	100.0	96.2	124	152
Mar-Jul.	19.0	17.8	3.65	4.04	11.7	10.5	3.5	2.9	1.5	1.4	102.97	100.02	91.8	93.1	94.5	93.3	86	175
Season	18.8	17.7	3.56	3.99	13.3	11.0	1.6	1.7	0.7	0.6	101.78	99.75	97.0	97.0	99.0	96.9	6,724	11,087

ARKANSAS

Aug.	18.4	18.4	3.67	3.67	11.3	11.3	2.6	3.0	0.9	1.3	100.47	100.47	91.6	91.6	91.7	91.7	91	91
Sept.	17.6	18.9	3.34	3.66	18.8	12.8	2.6	.7	0.9	.5	95.10	102.73	89.1	98.3	84.5	100.8	1,755	3,610
Oct.	18.6	19.1	3.39	3.74	14.7	11.8	1.5	.6	.7	.5	99.64	103.72	95.9	99.2	95.5	103.0	6,382	7,214
Nov.	18.9	18.9	3.50	3.74	12.9	12.0	1.1	.8	.9	.9	101.38	103.08	98.3	99.2	99.5	102.3	4,129	3,588
Dec.	18.3	18.1	3.49	3.61	12.7	14.9	1.2	1.3	2.0	1.7	99.09	99.18	97.4	95.9	96.5	95.3	2,766	2,371
Jan.	18.0	18.2	3.46	3.59	13.4	14.9	1.7	3.5	2.8	2.3	97.63	99.34	95.3	88.9	93.0	88.4	1,131	1,844
Feb.	17.8	18.7	3.47	3.62	13.8	13.3	2.7	6.2	3.2	3.2	96.59	101.46	91.9	78.6	89.0	79.5	402	799
Mar-Jul.	17.8	18.9	3.50	3.67	12.6	11.9	4.5	9.2	3.1	3.9	96.81	102.48	85.8	67.4	83.0	64.4	758	792
Season	18.4	18.8	3.44	3.69	14.2	12.7	1.6	1.6	1.3	1.1	99.18	102.35	95.4	95.7	95.0	97.8	17,323	20,309

Table 3. Average qualities of cottonseed, by specified periods and States, 1950 and 1951-continued

FLORIDA

Month	Oil		Ammonia		Moisture		Free fatty acids		Foreign matter		Average index		Average grade		Samples			
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951		
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Quantity	Quality	No.	No.			
Aug.	17.1	16.3	3.61	3.60	16.2	14.2	0.9	1.4	0.3	0.4	94.90	91.24	95.8	97.6	91.0	89.1	10	24
Sept.	16.8	16.8	3.76	3.73	14.7	12.1	2.4	2.3	.3	.4	94.33	94.04	91.8	95.9	89.5	90.3	12	39
Oct.	19.2	16.7	4.26	3.75	21.3	12.2	10.2	12.4	1.3	.8	103.88	93.59	100.0	60.1	103.5	53.1	4	9
Nov.	-	17.5	-	3.70	-	14.6	-	2.4	-	1.3	-	97.40	-	90.6	-	87.7	-	21
Dec.	-	17.5	-	4.10	-	12.0	-	26.0	-	.1	-	99.60	-	3.2	-	3.2	-	1
Jan.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb.	-	14.4	-	3.84	-	10.2	-	16.5	-	3.5	-	81.44	-	38.7	-	31.5	-	1
Mar.-Jul.	-	19.8	-	3.87	-	10.5	-	3.7	-	.3	-	107.19	-	92.6	-	99.3	-	2
Season	17.2	16.9	3.78	3.70	16.3	13.1	3.0	3.5	2.2	0.7	96.02	94.23	96.0	90.2	92.0	84.7	26	97

GEORGIA

Aug.	17.5	16.8	3.68	3.78	14.0	13.5	1.0	0.9	0.5	0.5	97.07	94.43	97.4	98.0	94.5	92.7	238	725
Sept.	17.3	18.3	3.72	3.95	14.8	10.3	1.9	.8	.8	.4	96.60	101.73	94.4	99.6	91.0	101.3	578	1,725
Oct.	18.6	18.0	3.77	3.94	12.1	11.4	1.9	2.9	.7	.6	102.09	100.58	95.9	93.1	98.0	93.6	690	1,535
Nov.	18.9	18.0	3.77	3.90	12.1	11.9	1.8	4.1	.8	.8	103.03	100.36	96.6	88.7	99.5	88.8	378	667
Dec.	19.0	18.1	3.83	3.87	11.5	11.7	2.6	4.4	.8	.8	104.07	100.44	94.8	87.9	99.0	87.9	157	297
Jan.	18.5	17.9	3.84	3.88	10.9	11.3	3.2	6.1	1.0	1.1	101.83	99.97	93.2	81.5	94.5	79.5	56	140
Feb.	18.0	18.2	3.74	3.90	12.1	10.3	4.4	4.0	2.0	1.1	99.47	101.33	87.6	89.7	86.0	90.7	22	116
Mar.-Jul.	18.0	18.5	3.88	3.90	11.3	11.1	4.4	3.5	1.2	1.2	100.23	102.38	89.1	91.8	89.5	93.9	14	156
Season	18.2	17.9	3.75	3.91	13.0	11.3	1.9	2.3	0.8	0.6	100.31	100.14	95.5	94.6	96.0	94.6	2,133	5,361

Table 3. Average qualities of cottonseed, by specified periods and States, 1950 and 1951-continued

ILLINOIS

Month	Cottonseed analysis												Average index				
	Oil		Ammonia		Moisture		Free fatty acids		Foreign matter		Quantity		Quality		Average grade	Samples	
	1950 Pct.	1951 Pct.	1950 Pct.	1951 Pct.	1950 Pct.	1951 Pct.	1950 Pct.	1951 Pct.	1950 Pct.	1951 Pct.	1950 Pct.	1951 Pct.	1950 Pct.	1951 Pct.			
Aug.	20.8	3.38	-	-	10.2	-	3.5	-	1.5	-	108.15	-	91.1	-	99.0	-	2
Sept.	18.8	3.23	3.53	-	16.9	13.6	2.1	1.1	0.3	-	99.74	103.12	92.1	97.6	92.0	100.8	5
Oct.	18.6	3.26	3.54	-	16.4	15.3	0.6	0.5	0.6	-	98.96	101.78	95.6	96.6	94.5	98.4	7
Nov.	18.1	3.19	-	-	18.0	-	1.1	-	2.1	-	96.49	-	92.9	-	89.5	-	7
Dec.	17.9	3.22	3.40	-	15.7	16.9	1.4	6.2	4.4	2.9	95.75	94.72	92.5	75.5	88.5	71.7	6
Jan.	17.7	3.06	3.39	-	16.7	14.4	5.1	8.5	5.9	5.6	94.23	96.92	77.3	66.3	73.0	64.3	4
Feb.	17.3	3.39	3.53	-	12.3	12.4	9.7	15.1	4.4	5.2	94.15	101.95	64.2	57.8	54.5	34.7	16
Mar.-July	18.0	3.27	3.49	-	15.0	14.4	4.6	6.2	3.1	2.6	96.63	100.23	82.0	80.0	77.5	74.6	17
Season	18.0	3.27	3.49	-	15.0	14.4	4.6	6.2	3.1	2.6	96.63	100.23	82.0	80.0	77.5	74.6	17

KENTUCKY

Aug.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sept.	17.8	3.12	3.71	-	14.3	-	1.2	1.7	0.4	0.5	94.75	98.02	93.8	97.9	89.0	96.0	25	33
Oct.	18.0	3.32	-	-	16.4	-	0.7	0.6	0.6	-	97.17	-	95.8	-	92.5	-	26	-
Nov.	17.5	3.35	-	-	16.4	-	1.0	-	2.7	-	94.77	-	93.9	-	89.0	-	20	-
Dec.	16.8	3.31	3.38	-	16.1	17.8	2.4	5.3	4.6	4.9	91.79	89.10	89.2	76.4	82.0	68.2	13	17
Jan.	16.1	3.24	3.44	-	16.6	15.9	4.3	8.9	8.8	4.8	87.76	91.66	77.6	63.9	68.0	58.5	7	6
Feb.	18.1	3.68	3.42	-	20.7	12.5	12.2	14.5	13.4	9.9	96.77	97.12	73.9	39.8	70.5	38.7	6	1
Mar.-July	17.5	3.29	3.58	-	17.0	15.2	2.1	3.0	2.9	2.2	94.63	95.12	91.4	87.5	86.5	83.7	97	62
Season	17.5	3.29	3.58	-	17.0	15.2	2.1	3.0	2.9	2.2	94.63	95.12	91.4	87.5	86.5	83.7	97	62

Table 3. Average qualities of cottonseed, by specified periods and States, 1950 and 1951-continued

LOUISIANA

Month	Oil		Ammonia		Moisture		Free fatty acids		Foreign matter		Average index		Average grade		Samples			
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	Quantity	Quality	1950	1951				
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.					No.			
Aug.	17.7	17.7	3.37	3.88	15.7	11.9	1.6	0.8	0.7	0.6	96.48	98.88	94.3	98.6	90.5	97.6	390	1,248
Sept.	18.4	18.1	3.52	3.93	15.2	11.1	2.1	.9	.7	.6	99.68	101.04	94.6	99.0	94.5	100.1	2,202	3,111
Oct.	19.1	18.0	3.66	3.98	12.5	11.3	2.4	4.6	.7	.9	103.55	100.82	96.1	87.3	99.5	87.5	2,003	3,239
Nov.	19.1	17.7	3.70	3.97	12.0	11.8	2.8	5.1	.9	1.1	103.81	99.71	95.2	85.6	98.5	84.3	941	1,291
Dec.	19.1	17.7	3.76	3.99	11.3	11.6	3.3	4.5	1.0	1.4	103.78	99.87	93.5	89.1	97.0	87.3	352	496
Jan.	18.9	17.4	3.84	3.96	11.3	12.8	4.8	6.3	1.0	1.8	103.68	98.53	87.5	80.7	90.5	78.7	49	181
Feb.	17.3	17.3	3.75	3.99	12.1	12.2	5.1	5.8	1.4	1.6	90.65	97.83	86.0	82.4	82.0	80.0	22	44
Mar.-Jul.	18.7	17.8	3.85	4.13	10.7	10.3	6.3	6.2	1.0	1.6	102.50	100.83	83.0	82.3	83.5	81.0	80	62
Season	18.7	17.9	3.60	3.95	13.5	11.4	2.4	3.0	0.7	0.8	101.68	100.39	94.9	92.2	96.5	92.2	6,039	9,672

MISSISSIPPI

Aug.	18.1	18.2	3.69	3.85	15.3	10.4	2.3	1.0	0.6	0.6	99.38	100.95	92.2	98.7	91.5	99.6	241	1,160
Sept.	18.0	18.4	3.60	3.93	16.5	10.2	2.4	.6	.6	.5	98.51	102.37	92.2	99.7	91.0	102.1	5,250	6,991
Oct.	16.9	18.2	3.69	3.98	13.3	10.5	2.7	1.4	.6	.6	102.77	101.86	93.8	97.5	96.5	99.4	7,274	8,062
Nov.	19.1	18.2	3.80	3.98	12.0	11.3	3.2	1.7	.9	.8	104.13	101.58	92.9	96.9	97.0	98.4	3,547	3,257
Dec.	19.0	18.0	3.80	3.94	11.8	11.9	3.3	1.9	1.1	1.1	103.66	100.65	92.4	96.4	96.0	97.0	1,379	1,281
Jan.	18.6	17.8	3.76	3.88	12.9	13.0	4.1	2.9	1.8	1.6	101.82	99.00	88.4	92.5	90.0	91.4	443	547
Feb.	18.3	17.9	3.76	3.94	13.2	12.4	4.6	3.4	2.6	1.9	100.67	100.35	85.6	90.7	85.5	91.2	196	197
Mar.-Jul.	18.7	18.5	3.88	3.94	11.4	10.7	6.2	3.5	1.8	1.5	103.03	102.70	81.0	91.3	83.0	93.2	718	358
Season	18.7	18.3	3.70	3.95	13.8	10.7	2.9	1.3	0.8	0.7	101.84	101.79	92.4	97.8	94.0	99.6	19,048	21,853

Table 3. Average qualities of cottonseed, by specified periods and States, 1950 and 1951-continued

MISSOURI

Month	Oil		Ammonia		Moisture		Free fatty acids		Foreign matter		Average index		Average grade		Samples			
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	Quantity	Quality	1950	1951				
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.					No.	No.		
Aug.	19.2	17.5	3.50	3.55	10.7	10.7	7.7	10.2	1.8	3.7	102.94	87.7	71.5	76.5	95.33	76.6	9	15
Sept.	17.0	18.3	3.13	3.59	14.1	14.1	4.6	1.1	1.5	.7	91.29	80.2	96.4	70.5	99.86	70.5	180	916
Oct.	17.4	18.6	3.23	3.70	16.8	12.3	1.0	.6	.6	.5	93.66	91.9	98.9	89.0	101.62	89.0	1,455	2,004
Nov.	17.5	18.3	3.38	3.69	14.3	13.3	.6	.6	.8	1.1	94.74	97.5	98.2	92.5	100.47	98.8	966	1,019
Dec.	16.7	17.1	3.34	3.44	15.0	18.2	.9	1.4	2.8	2.5	91.03	93.72	92.0	86.5	93.72	86.3	866	687
Jan.	16.9	17.6	3.34	3.47	14.4	16.6	1.5	5.6	4.2	3.3	91.92	93.7	77.8	86.0	95.99	74.7	568	493
Feb.	16.9	18.2	3.32	3.52	14.4	14.7	2.7	9.9	4.4	4.2	91.89	90.2	61.9	83.0	98.82	59.6	218	385
Mar.-Jul.	16.8	18.6	3.38	3.61	13.4	12.2	7.9	14.3	4.1	5.3	91.40	74.7	49.9	63.0	100.79	36.4	520	445
Season	17.1	18.2	3.31	3.61	15.3	13.9	1.9	2.8	2.0	1.7	92.80	92.0	89.7	85.0	99.52	88.2	4,782	5,964

NEW MEXICO

Aug.	19.4	20.1	3.77	3.96	12.2	7.7	0.8	0.7	0.7	0.7	105.32	99.3	100.0	104.5	109.29	109.2	18	76
Sept.	19.8	20.4	3.88	3.92	9.9	7.1	.4	.6	.5	.7	107.13	99.7	99.9	107.0	109.69	109.6	317	493
Oct.	19.7	19.9	3.99	3.83	7.0	7.9	.5	.5	1.2	1.0	107.65	99.6	99.8	107.0	107.69	107.5	292	382
Nov.	18.7	19.2	3.91	3.78	6.7	7.6	.8	.8	3.7	2.9	102.99	97.3	98.1	100.5	104.48	102.5	160	234
Dec.	17.8	18.7	3.83	3.70	7.4	7.8	.9	1.2	6.0	4.2	99.15	94.9	96.7	93.5	100.79	97.5	53	187
Jan.	18.0	18.3	3.89	3.67	6.7	7.0	.8	1.2	6.0	4.7	100.28	95.0	96.2	95.5	98.85	95.1	5	78
Feb.	17.7	18.9	3.58	3.82	7.8	7.4	2.8	1.6	11.7	5.6	102.20	87.2	94.8	89.5	102.31	97.0	7	12
Mar.-Jul.	19.4	19.7	3.91	3.83	8.2	7.5	0.6	0.7	1.8	1.8	105.92	98.8	99.0	104.5	106.54	105.5	852	1,462

Table 3. Average qualities of cottonseed, by specified periods and States, 1950 and 1951-continued

NORTH CAROLINA

Month	Cottonseed analysis						Average index		Average grade	Samples								
	Oil	Ammonia	Moisture	Free fatty acids	Foreign matter	Quantity	Quality	Quantity			Quality							
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	No.	No.						
Aug.	18.1	19.0	3.55	4.02	14.7	11.5	5.6	0.9	0.7	0.3	98.38	105.12	80.6	98.7	79.0	103.8	5	11
Sept.	18.4	18.3	3.54	3.56	14.0	12.3	1.9	.7	.4	.5	99.76	99.48	95.7	99.1	95.5	98.6	403	1,346
Oct.	18.5	18.4	3.63	3.57	12.5	11.6	1.6	1.1	.4	.5	100.39	100.05	97.7	99.0	98.5	98.8	1,358	2,558
Nov.	18.8	18.4	3.72	3.55	11.8	12.1	1.8	1.8	.6	.6	102.40	99.81	97.4	97.7	100.0	97.5	884	1,564
Dec.	18.8	18.4	3.77	3.55	11.3	12.1	1.7	2.8	.5	.7	102.94	99.75	98.0	94.6	101.0	94.3	436	665
Jan.	18.9	18.3	3.75	3.57	11.5	12.2	2.0	3.5	.6	.7	103.34	99.17	96.9	91.7	100.0	90.8	134	249
Feb.	18.7	18.3	3.68	3.62	11.6	11.6	2.4	4.7	.9	.8	101.83	99.99	95.9	87.6	98.0	86.7	53	119
Mar.-Jul.	18.8	18.5	3.73	3.64	10.2	10.8	3.2	3.7	.9	1.2	102.66	100.69	93.7	91.1	96.5	91.8	205	39
Season	18.6	18.4	3.67	3.56	12.2	11.9	1.8	1.5	0.5	0.6	101.41	99.82	97.1	97.7	98.5	97.4	3,478	6,551

OKLAHOMA

Aug.	18.9	-	3.85	-	9.9	-	1.8	-	1.4	-	103.65	-	98.7	-	102.5	-	2	-
Sept.	18.1	17.2	3.77	4.19	14.1	9.7	.9	0.5	.7	0.9	100.08	98.98	97.2	99.7	97.5	98.7	26	430
Oct.	19.8	17.7	3.87	4.19	10.0	9.6	.4	.4	.7	.5	106.90	101.43	99.6	99.8	106.5	101.2	743	1,987
Nov.	19.8	18.3	3.97	4.17	8.2	9.9	.4	.4	1.0	.7	106.38	103.20	99.8	99.8	106.0	102.9	944	1,311
Dec.	19.3	18.0	3.99	4.03	7.9	9.9	.6	.7	1.9	1.3	104.91	101.82	99.0	99.4	104.0	101.2	529	1,090
Jan.	18.9	17.7	3.96	3.96	8.5	9.5	1.0	1.1	2.5	1.7	103.39	102.49	98.4	99.0	101.5	101.3	164	476
Feb.	18.7	17.7	3.96	3.98	8.5	9.3	1.0	1.2	2.4	2.7	102.78	102.56	98.4	97.8	101.0	100.3	51	183
Mar.-Jul.	17.9	17.9	3.88	4.04	9.2	9.6	1.3	1.4	3.4	2.9	97.64	101.88	97.2	97.1	95.0	99.0	45	49
Season	19.6	17.9	3.94	4.13	8.8	9.7	0.5	0.6	1.3	0.9	105.73	101.87	99.4	99.6	105.0	101.4	2,504	5,526

Table 3. Average qualities of cottonseed, by specified periods and States, 1950 and 1951-continued

SOUTH CAROLINA

Month	Cottonseed analysis										Average index		Average grade		Samples				
	Oil	Ammonia	Moisture	Free fatty acids	Foreign matter	Quantity	Quality	Quantity	Quality	Quantity	Quality	1950	1951	1950		1951	No.	No.	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	No.	No.		
1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	No.	No.		
Aug.	16.7	17.9	3.47	3.62	18.3	15.4	1.5	1.0	0.4	0.4	0.4	92.29	98.29	92.3	96.4	85.5	94.9	315	521
Sept.	18.0	18.9	3.71	3.76	13.9	11.0	2.8	.7	.4	.3	.3	99.40	103.06	92.7	99.7	92.0	102.7	2,442	2,143
Oct.	18.8	18.7	3.85	3.77	11.3	10.7	4.4	2.1	.5	.5	.5	103.16	102.59	88.5	96.9	91.5	99.5	2,176	1,470
Nov.	18.8	18.6	3.84	3.80	11.2	11.2	3.8	3.4	.5	.6	.6	103.44	102.02	90.2	92.6	93.0	94.1	732	618
Dec.	18.9	18.4	3.82	3.82	11.1	11.2	3.0	4.9	.5	1.0	1.0	103.53	101.52	93.2	86.7	96.5	87.3	248	248
Jan.	18.9	18.1	3.89	3.87	11.2	11.3	3.2	5.5	.6	1.1	1.1	103.24	100.71	93.0	84.0	97.0	84.4	46	114
Feb.	18.4	18.6	3.91	3.81	10.9	10.4	7.0	4.6	1.1	.9	.9	102.10	102.50	78.4	87.9	79.0	89.6	24	173
Mar.-Jul.	19.0	18.7	3.86	3.77	10.9	10.9	3.7	3.4	.8	1.1	1.1	104.19	102.47	91.7	92.7	95.5	95.1	41	18
Season	18.4	18.6	3.77	3.76	12.7	11.4	3.5	1.9	0.5	0.5	0.5	101.12	102.19	90.8	96.4	92.0	98.5	6,024	5,305

TENNESSEE

Aug.	16.6	18.7	3.63	3.64	10.9	12.0	4.6	9.7	1.8	2.0	1.8	101.13	101.76	86.6	66.1	87.5	66.8	3	6
Sept.	17.6	18.9	3.16	3.69	20.3	13.0	2.1	.6	.8	.3	.3	94.49	102.92	88.2	98.6	83.5	101.4	385	1,246
Oct.	18.8	18.5	3.32	3.74	16.2	12.5	1.0	.6	.5	.4	.4	99.53	101.69	95.5	98.8	95.5	100.4	2,569	3,294
Nov.	19.1	18.4	3.49	3.75	13.8	12.8	.7	.6	.6	1.0	1.0	102.31	101.28	97.8	98.7	100.0	100.0	1,533	1,592
Dec.	18.5	17.6	3.51	3.57	14.0	16.5	.9	1.2	1.8	2.0	2.0	99.95	96.55	96.9	94.2	97.0	91.1	994	963
Jan.	18.1	17.8	3.47	3.58	14.5	15.5	1.5	3.7	2.9	2.9	2.9	97.92	97.81	94.9	87.1	93.0	84.9	470	618
Feb.	18.3	18.1	3.44	3.51	14.7	14.9	2.5	7.9	3.1	3.4	3.4	98.47	97.69	91.6	70.2	90.5	68.0	126	125
Mar.-Jul.	18.1	18.5	3.49	3.69	13.3	12.4	6.9	10.2	3.8	3.2	3.2	97.73	101.05	76.2	63.7	74.5	58.9	198	112
Season	18.7	18.4	3.40	3.70	15.3	13.4	1.2	1.2	1.1	1.0	1.0	99.77	100.80	95.1	96.3	95.5	97.0	6,278	7,956

Table 3. Average qualities of cottonseed, by specified periods and States, 1950 and 1951-continued

TEXAS

Month	Oil		Ammonia		Moisture		Free fatty acids		Foreign matter		Average index		Average grade		Samples			
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	Quantity	Quality	1950	1951	1950	1951		
	Pet.	Pet.	Pet.	Pet.	Pet.	Pet.	Pet.	Pet.	Pet.	Pet.					No.	No.		
Aug.	19.2	18.1	4.13	4.06	8.8	8.3	1.7	0.7	2.1	0.7	103.70	101.64	97.2	99.8	100.5	101.3	100	278
Sept.	18.2	17.5	3.99	4.11	11.2	8.5	1.0	.7	1.4	.8	100.17	99.01	98.3	99.5	98.5	98.6	331	1,970
Oct.	19.6	18.9	3.97	4.18	9.7	8.1	.6	.9	.8	.7	104.98	103.35	99.6	98.6	104.5	101.9	3,129	5,536
Nov.	20.5	19.8	3.98	4.11	7.3	8.4	.6	.5	1.2	1.0	106.22	104.87	99.6	99.7	106.5	104.6	4,284	5,913
Dec.	19.7	19.8	3.95	4.05	6.7	7.7	.7	.7	2.8	1.8	103.34	104.28	98.1	99.1	101.5	103.3	2,758	5,204
Jan.	18.6	19.1	3.86	3.96	7.4	7.8	1.0	1.0	4.0	2.6	99.51	101.28	96.9	98.1	96.5	99.5	847	2,462
Feb.	18.5	18.8	3.84	3.92	7.3	7.6	1.0	1.0	5.2	3.6	99.74	101.13	95.7	97.2	95.5	98.4	321	876
Mar.-Jul.	18.5	19.8	3.86	3.93	8.4	7.7	1.6	1.6	5.9	4.5	99.38	101.83	94.6	95.2	94.0	97.1	444	669
Season	19.8	19.3	3.96	4.09	7.9	8.1	0.7	0.8	2.0	1.5	104.19	103.21	98.7	98.9	103.0	102.1	12,214	22,908

VIRGINIA

Aug.	18.6	16.8	3.41	3.37	13.6	17.9	8.5	1.5	0.8	0.7	99.80	91.39	70.7	92.8	71.5	85.1	2	17
Sept.	16.9	17.8	3.30	3.44	18.4	15.7	3.9	1.7	.7	.6	92.14	96.70	85.3	94.3	74.5	91.5	16	97
Oct.	18.9	18.3	3.61	3.49	12.7	14.2	3.0	1.4	.6	.5	102.04	98.74	97.3	96.9	99.5	94.9	30	84
Nov.	19.3	18.6	3.62	3.53	11.7	13.0	1.6	1.5	.6	.5	104.00	100.68	99.0	97.5	103.0	98.3	24	36
Dec.	19.1	18.8	3.70	3.61	12.1	12.6	1.9	2.1	.5	.5	103.30	101.66	98.6	95.3	102.0	98.3	4	16
Jan.	19.4	18.5	3.66	3.60	11.4	13.0	1.1	3.2	.5	1.1	104.64	100.56	100.0	91.7	104.5	92.2	8	5
Feb.	19.4	18.5	3.66	3.60	11.4	13.0	1.1	3.2	.5	1.1	104.64	100.56	100.0	91.7	104.5	92.2	8	5
Mar.-Jul.	19.6	18.2	3.83	3.50	14.3	10.7	6.0	8.9	5.7	1.7	105.12	98.80	96.4	90.9	101.5	90.0	10	1
Season	18.8	18.1	3.59	3.48	13.5	14.7	3.0	1.6	1.1	0.6	101.41	97.97	95.3	95.5	96.0	93.6	94	256

Table 4. Average qualities of cottonseed, by crop-reporting districts, 1950 and 1951 1/

ALABAMA

Dist. No.	Oil		Ammonia		Meisture		Free fatty acids		Foreign Matter		Average index		Average grade		Samples			
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	Quantity	Quality	1950	1951	1950	1951	No.	No.
1	19.0	18.0	3.51	4.02	14.0	10.3	1.2	0.8	0.8	0.7	102.16	100.91	97.3	99.5	99.5	100.6	522	673
2	19.6	18.2	3.45	3.96	13.3	11.4	1.1	1.0	.8	.6	104.06	101.36	98.0	99.1	102.0	100.5	2,861	3,736
3	19.6	18.1	3.41	3.03	13.7	12.6	1.2	.9	1.0	.7	103.75	100.67	97.2	98.6	101.0	99.3	600	827
4	18.2	17.6	3.70	4.11	13.7	10.0	3.0	1.6	.5	.6	100.03	100.22	93.1	98.0	93.0	98.2	982	1,101
5	17.7	17.2	3.73	4.17	12.6	10.3	1.8	2.6	.5	.6	98.36	98.80	97.6	94.5	96.0	93.4	794	1,343
6	18.2	17.5	3.68	4.02	12.7	11.1	1.4	1.9	.4	.4	99.92	99.10	98.1	96.5	98.0	96.0	523	1,011
7	17.2	17.1	3.76	3.96	13.2	10.2	2.6	2.1	.4	.5	96.47	97.21	95.0	95.6	91.5	93.0	99	155
8	17.2	17.3	3.77	3.84	13.3	11.0	1.8	3.0	.5	.6	96.21	97.23	96.9	91.9	93.0	89.4	278	1,167
9	17.1	17.2	3.76	3.94	13.1	11.0	1.6	2.3	.5	.5	95.67	97.10	97.5	95.3	93.5	92.6	65	1,074
State	18.8	17.7	3.56	3.99	13.3	11.0	1.6	1.7	0.7	0.6	101.78	99.75	97.0	97.0	99.0	96.9	6,724	11,087

ARKANSAS

1	19.3	18.6	3.51	3.59	13.3	13.6	1.1	2.5	1.9	1.6	103.38	100.79	98.0	91.7	101.5	92.1	81	120
2	17.9	18.8	3.31	3.59	14.7	13.5	1.2	2.0	1.6	1.4	96.19	101.57	95.3	93.3	91.5	94.5	6,632	9,030
3	20.3	18.9	3.29	3.71	12.3	12.3	1.8	1.2	1.0	.8	106.10	102.84	97.4	98.3	103.5	101.1	159	270
4	19.6	19.0	3.40	3.73	12.7	12.0	1.9	1.1	1.5	1.0	103.75	103.22	95.8	98.1	99.5	101.1	515	483
5	18.5	18.9	3.52	3.75	14.1	12.3	1.6	1.2	1.1	.9	99.88	103.27	96.2	97.3	96.0	100.5	6,709	7,362
6	19.2	17.7	3.59	3.95	12.9	11.5	2.2	1.4	1.1	.6	103.19	99.49	95.2	97.5	98.5	97.0	263	357
7	19.0	17.7	3.50	3.84	13.3	11.2	2.9	.9	1.0	.7	102.20	98.90	93.7	99.5	96.0	98.3	378	392
8	19.1	18.9	3.56	3.80	13.6	11.4	2.7	1.3	1.0	.7	102.73	103.34	94.1	98.0	97.0	101.1	2,586	2,295
State	18.4	18.8	3.44	3.69	14.2	12.7	1.6	1.6	1.3	1.1	99.18	102.35	95.4	95.7	95.0	97.8	17,323	20,309

1/ Season beginning August 1.

Table 4. Average qualities of cottonseed by crop-reporting districts, 1950 and 1951 1/

GEORGIA

Dist. No.	Oil		Ammonia		Moisture		Free fatty acids		Foreign matter		Average index		Average grade		Samples			
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951		
1	19.6	18.7	3.41	3.82	14.1	12.9	1.3	1.0	0.7	0.6	103.81	102.92	96.8	98.5	100.5	101.2	210	428
2	18.7	18.3	3.73	4.05	13.0	11.0	1.1	.8	.5	.2	102.13	102.35	98.2	99.6	100.5	101.4	123	156
3	18.8	18.4	3.81	4.07	12.8	9.9	1.0	.6	.3	.2	103.25	103.24	98.4	99.7	101.5	102.2	278	226
4	18.6	18.2	3.76	3.98	12.9	11.5	1.4	1.9	.5	.4	101.84	101.48	98.3	96.2	100.0	97.8	268	668
5	17.9	17.9	3.79	3.90	12.9	11.1	1.6	2.2	1.0	.6	99.27	99.94	96.7	95.1	96.0	95.1	392	1,373
6	17.6	18.1	3.82	3.83	12.7	10.9	2.9	3.1	1.1	.9	98.31	100.34	92.0	92.0	90.5	92.1	731	1,186
7	18.0	17.3	4.02	4.03	12.1	11.5	2.0	2.7	.2	.4	101.00	98.11	96.8	94.0	98.0	92.2	10	235
8	17.9	17.2	3.71	3.97	12.3	11.8	.8	2.5	.2	.5	98.79	97.37	99.1	94.3	98.0	91.6	58	729
9	17.4	17.6	3.68	3.85	13.9	11.6	2.8	3.9	.4	.5	96.64	98.46	91.4	89.2	88.0	87.6	63	360
State	18.2	17.9	3.75	3.91	13.0	11.3	1.9	2.3	0.8	.6	100.31	100.14	95.5	94.6	96.0	94.6	2,133	5,361

LOUISIANA

1	18.7	17.5	3.75	4.10	12.8	11.0	3.3	1.7	0.5	0.5	102.82	99.65	92.8	97.0	95.0	96.7	1,119	1,492
2	18.8	17.5	3.50	3.98	13.6	11.4	2.5	2.0	.9	.9	100.82	99.00	95.1	96.2	96.0	95.3	526	673
3	19.1	18.2	3.58	3.96	13.6	10.9	2.5	2.1	.6	1.0	103.06	101.61	94.8	96.0	97.5	97.7	2,397	3,525
4	18.2	17.7	3.78	4.03	12.7	10.8	2.2	4.7	1.4	1.4	100.62	100.75	95.1	85.0	95.5	86.2	348	546
5	18.5	18.0	3.52	3.88	14.0	12.1	1.8	4.7	.9	.7	100.18	100.38	96.2	85.8	96.5	84.4	1,256	2,516
6	17.7	17.6	3.69	3.72	13.8	12.3	1.6	3.5	.7	.7	97.94	97.90	97.3	90.9	95.5	88.7	185	463
7	17.4	16.9	3.57	3.94	14.0	12.8	1.5	4.3	.6	.7	95.89	95.87	97.2	86.8	93.5	81.9	102	175
8	17.7	17.5	3.50	3.91	15.5	12.7	2.0	4.2	.4	.5	95.85	98.66	94.5	87.1	91.5	84.6	102	273
9	16.8	17.6	3.94	3.87	14.9	14.5	1.9	6.1	1.3	2.3	95.20	98.30	95.3	79.8	91.0	78.9	4	9
State	18.7	17.9	3.60	3.95	13.5	11.4	2.4	3.0	0.7	0.8	101.68	100.39	84.9	92.2	96.5	92.2	6,039	9,672

1/ Season beginning August 1.

Table 4. Average qualities of cottonseed, by crop-reporting districts, 1950 and 1951 1/

MISSISSIPPI

Dist. No.	Cottonseed analysis				Foreign matter	Average index		Average grade	Samples									
	Oil	Ammonia	Moisture	Free fatty acids		Quantity	Quality											
	1950	1951	1950	1951	1950	1951	1950	1951	No.									
1	18.4	18.4	3.75	3.98	14.0	10.9	2.9	0.9	1.0	0.7	101.05	102.41	92.6	98.8	93.5	101.2	4,493	4,578
2	18.8	18.5	3.57	3.87	14.1	11.4	1.5	.8	.7	.7	101.58	102.37	96.3	99.0	98.0	101.4	2,138	2,968
3	19.3	18.6	3.44	3.90	14.3	11.0	1.3	.5	.5	.5	102.92	102.63	97.1	99.7	100.0	102.4	1,070	1,479
4	19.0	18.5	3.76	3.91	13.5	10.5	4.4	1.0	.8	.6	103.71	102.56	87.5	98.9	90.5	101.4	5,193	4,623
5	18.6	18.1	3.70	4.01	13.6	10.2	3.4	1.1	.8	.6	101.84	101.34	91.4	99.0	93.0	100.3	2,220	2,585
6	18.4	17.9	3.65	4.11	13.9	10.0	2.7	.9	.7	.6	100.20	101.33	94.0	99.6	94.5	100.7	1,059	1,271
7	18.7	18.0	3.69	3.91	13.5	11.1	1.7	2.7	.7	.8	101.75	100.56	96.9	93.9	98.5	94.4	904	1,376
8	17.9	17.9	3.80	3.93	13.7	10.4	1.8	3.1	.7	1.1	99.31	100.10	97.0	91.7	96.5	91.6	1,317	2,013
9	18.0	17.5	3.70	4.03	13.9	10.3	2.5	2.3	.6	.8	99.34	99.24	94.9	94.8	94.5	94.1	654	960
State	18.7	18.3	3.70	3.95	13.8	10.7	2.9	1.3	0.8	0.7	101.84	101.79	92.4	97.8	94.0	99.6	19,048	21,853

NORTH CAROLINA

1	19.1	18.7	3.64	3.52	11.7	12.2	1.6	0.9	0.5	0.5	103.22	100.77	98.8	99.2	102.0	98.6	196	511
2	18.5	18.2	3.50	3.46	12.7	12.9	2.9	1.9	.6	.6	99.78	98.42	94.3	96.5	94.0	95.0	504	1,847
3	19.6	18.9	3.67	3.79	11.9	11.0	.7	.5	.3	.4	104.78	103.34	99.5	99.8	104.5	103.1	53	37
4	18.9	18.2	3.73	3.80	12.2	11.6	1.0	.7	.5	.3	102.84	100.81	98.5	99.4	101.5	100.3	398	300
5	18.1	18.3	3.58	3.45	12.1	11.6	1.7	1.6	.7	.6	98.89	98.90	97.6	98.0	96.5	96.9	321	1,376
6	18.7	18.1	3.95	3.95	12.3	11.8	1.0	.7	.4	.4	102.61	101.17	98.5	99.2	101.5	100.3	929	649
7	18.6	18.6	3.61	3.58	11.9	11.2	2.4	1.7	.5	.6	100.88	100.97	96.2	97.5	97.0	98.3	1,077	1,831
State	18.6	18.4	3.67	3.56	12.2	11.9	1.8	1.5	0.5	0.6	101.41	99.82	97.1	97.7	98.5	97.4	3,478	6,551

1/ Season beginning August 1.

Table 4. Average qualities of cottonseed, by crop-reporting districts, 1950 and 1951 1/

OKLAHOMA

Dist. No.	Oil		Ammonia		Moisture		Free fatty acids		Foreign matter		Average index		Samples					
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	Quantity	Quality		1950	1951	No.	No.	
1	20.5	17.8	3.92	4.01	10.0	11.6	0.4	0.9	0.5	1.7	110.00	100.05	100.0	98.8	110.0	98.8	3	33
2	19.5	17.5	3.79	3.98	10.2	12.2	.8	1.1	1.5	1.3	105.91	98.85	98.7	98.7	104.5	97.5	20	119
3	19.2	18.0	3.91	4.10	8.8	9.5	.5	.6	1.6	1.2	104.01	102.05	99.1	99.5	103.5	101.5	655	1,326
4	19.4	17.6	3.97	4.17	9.0	10.4	.5	.6	1.8	1.1	105.64	100.30	99.0	99.5	104.0	99.5	181	619
5	18.8	17.1	3.63	3.89	11.9	12.7	.9	1.0	1.3	.9	102.04	96.51	98.2	98.4	100.5	94.9	55	463
6	19.7	18.1	3.97	4.19	8.6	8.9	.5	.5	1.1	.8	106.50	103.63	99.5	99.8	106.0	103.5	1,522	2,555
7	20.3	17.5	3.83	4.11	8.7	9.3	.6	.5	1.2	.9	108.26	99.60	99.5	99.6	107.5	99.2	64	310
8	19.6	18.0	3.67	3.85	11.8	11.6	1.3	.8	2.9	.8	105.30	100.15	97.1	99.4	102.5	99.5	4	101
State	19.6	17.9	3.94	4.13	8.8	9.7	0.5	.6	1.3	0.9	105.73	101.87	99.4	99.6	105.0	101.4	2,504	5,526

SOUTH CAROLINA

1	19.1	18.5	3.72	3.94	12.2	10.9	0.9	0.6	0.4	0.3	103.61	102.86	98.8	99.6	102.5	102.4	571	346
2	18.7	18.3	3.83	3.86	12.5	10.8	1.4	.7	.4	.4	102.68	100.94	97.8	99.8	100.5	100.7	571	229
3	18.7	18.7	3.79	3.79	11.9	11.1	4.4	2.7	.5	.6	102.52	102.79	88.1	94.1	90.0	96.7	1,395	1,437
4	18.3	18.7	3.75	3.84	13.0	10.5	2.1	.9	.5	.5	100.86	102.89	96.3	99.2	97.0	102.2	511	479
5	18.2	18.8	3.77	3.70	12.9	11.5	4.1	1.8	.5	.5	100.55	102.40	88.4	96.7	88.5	99.0	2,240	1,926
8	17.4	18.3	3.76	3.72	13.9	12.3	4.1	2.0	.6	.5	97.23	100.45	88.1	95.7	85.5	96.2	736	888
State	18.4	18.6	3.77	3.76	12.7	11.4	3.5	1.9	0.5	.5	101.12	102.19	90.8	96.4	92.0	98.5	6,024	5,305

1/ Season beginning August 1.

Table 4. Average qualities of cottonseed, by crop-reporting districts, 1950 and 1951 1/

TENNESSEE

Dist. No.	Oil		Ammonia		Moisture		Free fatty acids		Foreign matter		Average index		Average grade		Samples			
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Quantity	Quality	Quantity	Quality	No.	No.		
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951		
1	18.4	18.3	3.39	3.64	15.5	13.9	1.4	1.4	1.1	1.0	98.46	100.16	94.4	95.1	93.5	95.2	2,996	3,526
2	18.8	18.5	3.40	3.72	15.3	13.1	1.1	1.0	1.0	.9	100.58	101.29	95.7	97.2	96.5	98.4	2,909	4,013
3	19.6	18.3	3.51	3.93	13.5	12.1	1.5	1.0	.9	1.0	104.01	102.20	96.6	98.0	100.5	99.7	174	233
4	19.5	18.1	3.43	3.97	13.3	11.9	1.3	1.0	.9	.9	103.75	101.06	97.1	98.0	101.0	98.9	169	157
5	19.8	17.9	3.41	3.99	12.7	11.8	1.1	.7	1.1	.5	104.83	100.55	98.2	99.6	103.0	100.2	23	19
6	19.4	17.7	3.57	3.87	12.7	13.2	1.3	1.4	.6	.7	104.07	98.72	98.9	97.7	103.0	96.5	7	8
State	18.7	18.4	3.40	3.70	15.3	13.4	1.2	1.2	1.1	1.0	99.77	100.80	95.1	96.3	95.5	97.0	6,278	7,956

TEXAS

1	20.1	20.2	3.93	4.06	7.6	7.8	0.7	0.7	2.5	1.9	103.76	104.45	98.2	98.9	102.5	103.3	7,074	11,742
2	19.5	18.6	4.00	4.18	8.2	8.2	.6	.5	1.2	1.1	105.05	103.55	99.4	99.6	104.5	103.1	4,122	5,238
3	19.4	17.6	3.98	4.20	7.8	8.4	.6	.5	.9	.6	106.45	100.32	99.8	99.8	106.0	100.1	162	293
4	18.7	16.7	3.76	4.09	9.9	8.6	.8	.6	.8	.9	102.12	96.15	99.4	99.6	101.5	95.8	319	2,506
5	18.8	17.2	3.64	4.03	11.7	9.6	1.6	1.4	.7	.8	102.37	97.83	98.0	97.4	100.5	95.1	98	844
6	20.3	20.6	3.96	3.92	7.7	6.8	.7	.6	1.4	1.0	109.91	109.04	99.3	99.5	109.0	108.5	81	1,328
7	18.3	17.7	4.22	4.28	8.5	8.1	.6	.9	.6	.5	102.58	102.79	99.9	99.4	102.5	102.8	335	174
8	18.1	17.4	3.98	4.03	9.1	8.6	.8	3.6	.3	.6	101.25	98.79	100.0	92.0	101.5	90.6	2	39
9	18.9	18.1	3.66	4.02	10.5	9.8	1.9	3.7	1.0	.8	102.25	101.44	96.3	88.7	98.5	90.6	18	559
10	18.5	18.8	3.78	4.04	10.5	9.4	.7	1.0	.7	1.0	101.63	104.41	100.0	99.3	101.5	103.9	3	185
State	19.8	19.3	3.96	4.09	7.9	8.1	0.7	0.8	2.0	1.5	104.19	103.21	98.7	98.9	103.0	102.1	12,214	22,908

1/ Season beginning August 1.

Table 5. Proportions of total cottonseed samples having specified quantity indices, by States and United States 1/, 1950 and 1951 2/

State	Quantity Index														Total		
	Under 65	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100-104	105 and over	Pct.	Pct.	Pct.	Pct.		Pct.	Pct.
Ala.	* .2	* .1	* .1	* .4	* .1	0.2	0.7	1.0	7.5	26.4	41.3	36.8	43.4	28.6	6.6	100	
Ark.	-	-	0.1	* .4	* .3	* .1	5.1	.3	15.6	2.6	27.8	18.6	32.5	55.9	16.9	22.4	100
Fla.	-	-	-	-	1.0	4.1	3.8	21.6	42.3	19.6	50.1	44.4	-	4.1	3.8	5.2	100
Ga.	* .1	* .1	* .1	-	* .1	.3	.7	2.4	10.7	7.6	34.8	31.6	35.9	49.5	17.6	8.6	100
Ill.	-	-	-	-	-	-	8.5	3.4	27.7	13.8	42.5	27.6	17.0	44.9	4.3	10.3	100
Ky.	-	-	-	-	3.1	4.8	17.5	11.3	24.7	17.7	48.5	53.3	5.2	12.9	1.0	-	100
La.	.2	.1	* .1	* .1	* .1	.2	.6	.7	5.7	5.6	25.5	36.7	44.6	46.2	23.3	10.5	100
Miss.	.1	* .1	* .1	* .1	* .2	* .1	.9	.1	5.4	1.0	24.7	24.1	43.3	61.6	25.4	13.1	100
Mo.	.4	.1	.4	2.2	.1	.5	15.7	2.6	31.9	10.8	29.7	34.2	10.2	43.8	.9	7.9	100
N. Mex.	-	-	-	-	.1	-	.6	.3	1.6	1.1	7.3	9.8	25.4	18.4	65.0	70.4	100
N. C.	.2	* .1	.1	.1	.1	.1	.3	.3	2.2	4.8	26.5	45.1	55.9	46.5	14.6	3.2	100
Okla.	.1	-	-	.1	* .1	* .1	.2	.4	.6	4.9	6.5	25.0	32.1	47.4	60.4	22.3	100
S. C.	-	* .1	-	-	.1	.2	1.8	.6	8.3	2.6	20.8	15.0	53.4	64.4	15.6	17.1	100
Tenn.	.4	* .1	.1	* .1	.2	.3	1.9	1.0	12.3	5.4	32.4	28.6	36.4	54.1	16.2	10.4	100
Tex.	.3	.1	* .1	.1	.2	.1	.7	.7	3.6	5.4	13.7	18.3	29.3	35.1	52.1	40.2	100
Va.	-	.4	-	1.1	1.1	2.3	1.1	3.9	14.9	10.2	13.8	49.2	38.2	32.4	29.8	1.6	100
U. S. 1/	0.2	0.1	* .1	* .2	* .8	0.2	2.6	0.7	9.4	4.5	24.2	26.4	37.0	49.1	25.6	18.9	100

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

* Less than 0.05 percent.

Table 6. Proportions of total cottonseed samples having specified quality indices, by States and United States 1/, 1950 and 1951 2/

State	Prime quality 100	Quality index										Total					
		Prime quality		Below prime quality		Below prime quality		Below prime quality		Below prime quality							
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.				
Ala.	19.7	55.1	* 0.3	0.1	2.2	0.2	2.1	1.0	1.4	4.2	2.9	14.7	4.4	60.1	31.4	0.2	100
Ark.	12.7	34.7	0.1	.5	1.9	1.4	2.7	2.0	2.3	7.3	3.6	21.3	7.9	54.6	45.7	0.1	100
Fla.	7.7	20.6	-	1.0	4.1	-	3.1	-	2.1	7.7	2.1	23.1	10.3	61.5	51.5	-	100
Ga.	22.4	42.5	.4	.8	1.8	3.5	4.6	2.7	3.1	3.4	4.8	11.1	7.1	55.1	33.2	.4	100
Ill.	-	10.3	2.1	10.3	17.0	13.8	8.5	13.8	4.3	6.4	-	38.3	6.9	19.1	38.0	4.3	100
Ky.	3.0	8.1	1.0	1.6	3.0	9.7	3.0	16.1	6.2	9.7	1.6	33.1	-	39.4	51.6	-	100
La.	6.9	38.3	.4	1.8	.6	5.1	.8	4.5	2.1	6.4	5.1	26.1	10.4	56.7	29.6	-	100
Miss.	8.0	65.5	.2	.2	1.8	1.4	5.0	1.6	7.0	12.7	2.0	26.2	3.2	39.1	24.6	-	100
Mo.	3.3	18.7	1.8	2.2	4.0	6.9	2.8	5.0	2.2	8.2	3.7	24.5	9.4	53.1	48.2	.1	100
N. Mex.	50.9	52.2	-	-	-	.4	.1	.1	.1	.4	.1	4.7	4.1	43.5	43.5	-	100
N. C.	34.0	45.1	.2	*	.3	.7	1.0	1.0	1.1	3.4	2.9	12.2	7.0	47.8	41.9	*	100
Okla.	51.8	68.1	*	-	-	*	.1	.1	-	.2	.2	1.1	.6	46.8	31.0	*	100
S. C.	14.8	49.7	.5	.2	5.0	1.0	8.5	1.7	6.2	12.3	5.9	19.4	11.4	33.2	27.3	.1	100
Tenn.	5.6	28.8	.5	.3	1.0	1.5	1.1	1.9	1.4	5.4	3.0	23.5	9.3	61.5	53.2	-	100
Tex.	42.6	52.6	*	.1	.1	.2	.3	.3	.4	.6	.4	4.2	1.7	51.8	44.2	*	100
Va.	41.5	7.0	-	.4	2.1	1.2	1.1	.8	6.4	2.3	8.5	9.0	11.7	28.7	65.2	-	100
U. S. 1/	17.7	47.5	0.3	0.5	1.3	1.9	2.4	2.0	2.9	1.6	7.0	2.7	18.7	49.7	37.6	*	100

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

* Less than 0.05 percent.

Table 7. Proportions of total cottonseed samples, having specified grades, by States and United States 1/, 1950 and 1951 2/

State	Grade																				
	Below Grade	40.0-44.9	45.0-49.9	50.0-54.9	55.0-59.9	60.0-64.9	65.0-69.9	70.0-74.9	75.0-79.9	80.0-84.9	85.0-89.9	90.0-94.9	95.0-99.9	100.0	105.0	110.0	Total				
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.				
Ala.	* 0.2	0.2	3.7	0.5	1.5	2.6	2.5	7.8	3.9	15.8	9.7	23.6	32.1	25.7	39.3	21.8	7.0	2.0	0.1	100	
Ark.	0.8	.8	2.6	3.7	3.2	1.6	7.5	12.1	4.5	16.8	8.0	22.8	17.1	23.0	41.1	10.5	20.1	.7	.5	100	
Fla.	-	5.2	-	11.3	3.8	2.1	11.5	8.2	13.4	38.6	27.9	26.9	26.8	-	4.1	-	1.0	3.8	-	100	
Ga.	.1	.6	3.6	6.5	1.9	3.1	3.6	4.3	7.8	18.7	10.0	23.0	22.4	23.5	36.7	15.4	8.4	.5	.2	100	
Ill.	6.4	10.3	25.5	34.6	-	3.4	6.4	3.4	25.5	-	12.8	3.4	19.2	13.8	2.1	20.8	-	10.3	2.1	100	
Ky.	1.0	1.6	12.4	32.3	8.2	1.6	9.3	4.8	18.7	3.2	30.9	21.0	17.5	29.0	1.0	6.5	-	1.0	-	100	
La.	.4	1.8	1.0	9.0	1.0	2.7	2.2	3.8	7.0	6.1	20.3	11.9	33.8	27.5	26.1	30.3	7.7	6.6	.5	100	
Miss.	.1	.2	3.2	2.3	3.4	1.0	7.2	1.5	13.1	2.2	18.9	4.1	23.7	20.5	21.3	54.3	8.8	13.5	.3	100	
Mo.	1.5	4.1	13.2	12.8	8.3	3.6	13.9	4.5	18.7	6.0	22.0	9.4	16.5	24.8	5.2	28.3	.6	6.4	.1	100	
N. C.	.1	.2	1.0	1.4	.8	1.0	1.3	2.0	4.4	4.3	11.9	11.6	28.4	36.5	40.1	39.8	11.9	3.2	.1	100	
N. Mex.	-	-	.6	-	.4	.1	.2	.1	1.3	.8	4.7	6.4	10.6	11.2	21.7	14.2	42.3	44.4	18.2	22.8	
Okla.	* .1	.1	.1	.1	*	*	.2	.2	.4	1.0	1.6	6.0	8.7	24.4	31.6	45.5	43.0	20.9	14.4	1.8	
S. C.	.2	.3	7.2	2.0	5.0	1.2	8.6	2.7	14.4	5.4	18.3	8.8	18.9	17.8	21.0	47.4	6.3	14.3	.1	100	
Tenn.	1.0	.4	2.9	3.4	1.8	1.5	5.5	2.7	10.2	5.2	19.6	12.0	23.6	24.6	24.2	39.8	10.7	10.3	.5	100	
Tex.	* .3	.3	.6	.6	.3	.3	.7	.4	2.2	1.2	6.7	6.4	14.2	19.5	26.2	33.8	37.7	30.5	11.4	7.0	
Va.	1.0	.4	4.3	4.7	5.3	3.5	4.3	3.5	10.6	9.0	6.4	19.9	12.8	36.3	25.5	20.7	27.7	2.0	2.1	-	
U. S. 1/	0.2	0.6	3.0	3.5	2.6	1.4	5.4	2.1	9.9	3.7	15.9	8.1	21.7	22.7	23.4	40.1	15.3	16.0	2.6	1.8	100

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

* Less than 0.05 percent.

Table 8. Proportions of total cottonseed samples containing specified percentages of oil, by States and United States 1/ 1950 2/

State	Oil											Total
	Under 15.0	15.0-15.9	16.0-16.4	16.5-16.9	17.0-17.4	17.5-17.9	18.0-18.4	18.5-18.9	19.0-19.9	20.0-20.9	21.0 & over	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	
Ala.	0.1	0.3	1.5	4.9	9.0	11.2	11.5	11.4	27.8	20.0	2.3	100
Ark.	.9	2.9	4.1	6.4	8.7	11.6	13.7	14.7	23.8	11.6	1.6	100
Fla.	-	3.8	15.4	38.6	26.9	3.8	7.7	-	-	-	3.8	100
Ga.	.2	.9	3.5	7.4	14.0	18.8	16.0	11.3	20.9	6.8	.2	100
Ill.	-	2.1	8.5	8.5	8.5	19.2	19.2	19.2	10.6	2.1	2.1	100
Ky.	-	6.2	13.4	9.3	9.3	26.8	24.7	7.2	2.1	-	1.0	100
La.	.6	.3	.7	1.9	5.9	11.1	15.0	19.8	33.2	10.5	1.0	100
Miss.	.3	.7	1.3	3.1	6.3	11.8	16.9	18.6	31.0	9.0	1.0	100
Mo.	5.3	12.1	10.9	14.1	15.9	14.7	11.5	8.8	6.0	.6	.1	100
N. Mex.	.1	.7	.6	1.5	2.7	4.0	7.2	11.3	38.6	28.4	4.9	100
N. C.	.2	.3	.2	.7	3.3	10.2	22.6	29.0	30.7	2.7	.1	100
Okla.	.2	.2	.2	.6	1.6	3.1	6.6	12.0	38.1	31.1	6.3	100
S. C.	.1	1.2	2.8	5.1	6.7	11.7	19.2	24.9	26.6	1.6	.1	100
Tenn.	.4	.4	1.2	3.2	7.1	11.2	16.4	18.6	31.5	9.6	.4	100
Tex.	.3	.4	.6	1.4	2.8	4.4	7.0	9.5	24.9	28.3	20.4	100
Va.	1.1	1.1	1.1	3.2	12.7	3.2	9.6	18.1	41.4	6.4	2.1	100
U. S. 1/	0.7	1.7	2.3	4.2	7.0	10.5	14.0	16.0	27.0	12.7	3.9	100

1/ Quality information not available for cottonseed produced in Arizona and Calif.
 2/ Season beginning August 1.

Table 9. Proportions of total cottonseed samples containing specified percentages of oil, by States and United States 1/ 1951 2/

State	Oil											Total
	Under 15.0	15.0-15.9	16.0-16.4	16.5-16.9	17.0-17.4	17.5-17.9	18.0-18.4	18.5-18.9	19.0-19.9	20.0-20.9	21.0 & over	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	
Ala.	0.3	1.7	4.4	11.8	19.0	23.1	19.6	12.4	7.4	0.3	-	100
Ark.	.2	.2	.5	1.2	3.4	8.1	15.5	25.5	38.9	6.3	0.2	100
Fla.	5.2	17.5	11.3	21.6	16.5	18.6	3.1	2.1	1.0	2.1	1.0	100
Ga.	.4	2.9	3.8	6.5	11.7	20.6	24.4	17.6	11.6	.5	-	100
Ill.	-	-	3.4	6.9	-	17.2	6.9	31.1	24.2	10.3	-	100
Ky.	1.6	12.9	6.5	12.9	14.5	27.5	16.1	3.2	4.8	-	-	100
La.	.9	1.2	3.2	8.6	17.6	21.2	18.5	14.5	12.4	1.8	.1	100
Miss.	.2	.2	.5	3.0	9.2	19.2	26.9	23.6	15.5	1.5	.2	100
Mo.	.3	1.9	2.4	5.7	9.1	14.4	21.0	22.8	20.5	1.8	.1	100
N. Mex.	.1	-	.1	.7	1.7	4.2	6.2	7.6	31.3	42.1	6.0	100
N. C.	.1	.1	.5	1.9	6.2	15.5	28.8	28.7	17.7	.4	*	100
Okla.	.1	1.5	3.5	8.4	14.6	22.1	25.5	16.3	7.4	.5	.1	100
S. C.	.2	.5	.7	1.7	3.5	9.3	20.0	26.5	35.1	2.5	-	100
Tenn.	.3	.7	1.1	2.9	6.5	14.0	23.0	26.3	23.5	1.7	*	100
Tex.	.2	1.4	3.6	6.0	6.5	6.5	6.9	7.5	19.6	27.7	14.1	100
Va.	.4	3.5	4.7	2.7	7.0	14.1	29.7	25.8	11.7	.4	-	100
U. S. 1/	0.3	1.0	2.1	4.9	9.0	14.4	18.9	19.0	20.3	7.4	2.7	100

1/ Quality information not available for cottonseed produced in Arizona and Calif.
 2/ Season beginning August 1.
 * Less than 0.05 percent.

Table 10. Proportions of total cottonseed samples containing specified percentages of ammonia, by States and United States 1/ 1950 and 1951 2/

State	Ammonia																				
	Under 2.95	2.95-3.09	3.10-3.24	3.25-3.39	3.40-3.54	3.55-3.69	3.70-3.84	3.85-3.99	4.00-4.14	4.15 and over	Total										
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.									
Ala.	0.3	*	6.1	0.1	13.2	0.2	26.3	0.7	24.4	4.3	17.5	14.9	8.8	30.4	1.6	30.6	0.2	18.7	100		
Ark.	1.5	*	4.5	.1	11.1	1.3	23.3	5.8	27.7	15.0	20.6	26.2	8.9	30.2	2.1	16.8	.2	4.1	.1	100	
Fla.	-	-	-	1.0	-	-	4.1	11.5	18.6	38.6	24.7	26.9	30.0	15.4	13.4	3.8	7.2	3.8	1.0	100	
Ga.	.2	0.1	.5	*	3.4	*	7.7	2.3	19.1	8.5	34.4	23.4	24.9	33.1	7.5	22.1	1.0	10.1	100		
Ill.	2.1	-	4.3	-	31.9	17.2	17.0	51.8	4.3	20.7	-	6.9	-	-	-	-	-	-	-	100	
Ky.	6.2	-	3.1	3.2	27.8	4.8	11.6	48.5	11.3	12.4	24.2	1.0	29.1	-	16.1	-	9.7	-	1.6	100	
La.	.2	.1	1.1	.3	4.9	.1	11.6	.4	20.8	2.0	26.1	7.7	21.9	17.5	10.3	26.7	2.5	27.7	.6	17.5	
Miss.	.1	.1	.3	*	1.7	*	5.5	.2	14.3	.9	24.8	5.3	27.6	19.5	18.3	33.1	6.2	28.5	1.2	12.4	
Mo.	3.1	*	7.0	.1	20.0	1.7	38.5	9.1	25.8	23.5	4.6	31.7	.7	25.6	.1	7.3	.1	.8	.1	100	
N. C.	.1	.2	.7	.7	1.2	4.3	5.6	16.9	19.3	31.8	30.8	21.4	22.3	11.6	12.7	7.0	6.0	4.5	1.3	100	
N. Mex.	.2	.1	-	-	.4	-	.1	.8	2.5	5.2	15.0	21.0	34.8	42.2	32.2	27.3	12.7	2.9	2.6	100	
Okla.	.1	.2	.2	*	.2	*	.1	1.2	.3	6.0	2.0	18.4	6.0	33.3	13.7	30.3	27.2	10.1	50.5	100	
S. C.	-	.1	*	.1	.5	.5	2.9	2.6	8.7	12.1	18.6	22.7	31.9	25.9	26.3	21.2	9.6	11.2	1.5	100	
Tenn.	2.4	.1	5.4	.1	14.3	1.2	24.2	4.5	28.0	14.1	20.2	28.4	5.0	29.4	.4	16.6	.1	5.0	*	100	
Tex.	*	.1	*	.1	.5	*	.1	2.8	.6	10.0	3.0	18.4	8.5	24.1	17.4	22.2	30.1	21.9	40.1	100	
Va.	-	-	2.1	.4	3.2	5.5	13.8	22.7	22.3	39.8	34.2	23.8	20.2	7.0	2.1	.8	-	-	2.1	-	100
U. S. 1/	0.7	0.1	2.0	0.1	5.7	0.7	12.1	2.8	17.5	7.4	19.4	12.9	18.2	19.2	13.5	21.7	7.0	19.5	3.9	15.6	100

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

* Less than 0.05 percent.

Table 11. Proportions of total cottonseed samples containing specified percentages of moisture, by States and United States 1/ 1950 2/

State	Moisture														
	Pot.	Pet.	Pot.	Pet.	Pot.	Pet.	Pot.	Pet.	Pot.	Pet.					
	Prime	Below	Off	0.0	5.1	7.1	9.1	10.1	11.1	12.1	14.1	16.1	18.1	20.1	Total
	quality	quality	quality	20.1	and	5.0	7.0	9.0	11.0	12.0	14.0	16.0	18.0	20.0	over
	12.1-20.0	over													
Ala.	31.6	66.9	1.5	*	-	0.2	1.6	8.5	21.3	38.9	18.9	6.1	3.0	1.5	100
Ark.	26.2	67.4	6.4	*	-	.1	1.6	7.7	16.8	34.9	17.3	8.7	6.5	6.4	100
Fla.	19.2	77.0	3.8	-	-	-	-	-	19.2	19.2	23.2	23.1	11.5	3.8	100
Ge.	41.8	57.8	.4	-	-	.3	3.3	15.8	22.4	29.7	18.8	7.8	1.5	.4	100
Ill.	19.2	76.5	4.3	-	-	-	4.3	4.3	10.6	17.0	21.2	31.9	6.4	4.3	100
Ky.	2.1	87.6	10.3	-	-	-	-	-	2.1	11.3	36.1	21.6	18.6	10.3	100
La.	33.2	65.5	1.3	0.1	-	1.1	4.7	11.0	16.3	28.1	22.0	11.4	4.0	1.3	100
Miss.	32.4	65.4	2.2	-	-	.3	3.3	10.9	17.9	28.2	17.3	13.5	6.4	2.2	100
Mo.	9.0	81.2	9.8	*	-	.1	.3	1.7	6.9	31.2	31.1	12.5	6.4	9.8	100
N. Mex.	92.6	7.4	-	.2	36.5	37.8	8.9	5.4	3.8	5.0	1.9	.5	-	-	100
N. C.	59.9	39.8	.3	*	-	.6	4.6	21.5	33.2	27.1	8.3	3.5	.9	.3	100
Okla.	94.6	5.4	*	.1	5.4	62.9	16.8	7.0	2.4	3.6	1.4	.2	.2	*	100
S. C.	55.1	43.4	1.5	-	-	.3	6.5	23.8	24.5	20.5	12.3	7.4	3.2	1.5	100
Tenn.	9.1	82.2	8.7	*	-	*	.1	1.2	7.8	33.6	25.3	14.5	8.8	8.7	100
Tex.	95.2	4.8	*	.1	38.0	42.5	8.1	3.6	2.9	3.4	1.2	.2	*	*	100
Va.	55.4	39.3	5.3	1.1	-	-	3.2	17.0	34.1	19.1	4.3	13.8	2.1	5.3	100
U. S. 1/	42.1	54.6	3.3	*	5.8	8.3	3.9	9.1	15.0	26.0	15.5	8.6	4.5	3.3	100

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

* Less than 0.05 percent.

Table 12. Proportions of total cottonseed samples containing specified percentages of moisture, by States and United States 1/, 1951 2/

State	Moisture													
	Pot.	Pot.	Pot.	Pot.	Pot.	Pot.	Pot.	Pot.	Pot.	Pot.				
Ala.	73.9	25.9	0.1	0.1	13.6	17.9	22.0	20.3	21.6	3.5	0.5	0.3	0.1	100
Ark.	42.4	57.2	.4	*	2.2	7.1	13.0	20.1	34.1	14.9	6.2	2.0	.4	100
Fla.	41.3	58.7	-	-	-	5.2	17.5	18.6	15.5	35.0	7.2	1.0	-	100
Ge.	67.3	32.6	.1	0.1	11.2	17.1	21.0	17.9	22.8	7.6	1.9	.3	.1	100
Ill.	10.3	89.7	-	-	-	-	6.9	3.4	38.0	38.0	10.3	3.4	-	100
Ky.	9.7	83.8	6.5	-	-	-	-	9.7	25.8	30.6	19.3	8.1	6.5	100
La.	68.2	31.5	.3	.2	9.7	14.5	21.0	22.7	23.5	5.3	1.8	.9	.3	100
Miss.	82.2	17.8	*	.1	14.9	22.4	25.4	19.3	14.5	2.9	.3	.1	*	100
Mo.	23.7	73.2	3.1	*	.2	2.9	8.9	11.7	37.0	20.1	10.0	6.1	3.1	100
N. Mex.	99.7	.3	-	.3	61.8	4.9	1.0	-	.1	.1	.1	-	-	100
N. C.	58.9	40.9	.2	.1	1.4	8.5	20.7	28.2	31.8	7.2	1.3	.6	.2	100
Okla.	89.9	10.1	*	.1	40.9	27.7	13.4	7.5	8.1	1.6	.3	.1	*	100
S. C.	77.0	22.1	.9	-	4.1	18.9	30.1	23.9	15.8	3.0	1.8	1.5	.9	100
Tenn.	33.0	65.5	1.5	-	1.2	5.5	10.9	15.4	32.0	20.8	9.1	3.6	1.5	100
Tex.	99.2	.7	*	.3	66.7	10.7	4.3	1.3	.6	.1	*	*	*	100
Va.	8.6	84.0	7.4	-	-	.4	2.0	6.2	43.4	24.6	12.5	3.5	7.4	100
U. S. 1/	69.3	30.3	0.4	0.1	3.3	20.6	16.0	15.7	19.6	7.0	2.6	1.1	0.4	100

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

* Less than 0.05 percent.

Table 13. Proportions of total cottonseed samples containing specified percentages of free fatty acids, by States and United States 1/1950 2/

State	Free fatty acids													Total	
	Prime quality: 0-1.8	Below prime quality: 1.9-2.4	Off quality: 2.5-2.9	0	0.5	1.0	1.5	1.9	3.0	5.0	7.0	9.0	11.0		12.5 and over:
Ala.	75.3	24.7	*	0.7	33.8	25.7	15.1	13.2	10.3	1.0	0.2	*	*	*	100
Ark.	71.5	28.3	0.2	2.4	35.3	21.0	12.8	17.0	8.4	1.8	.7	0.3	0.1	0.2	100
Fla.	53.9	42.3	3.8	-	23.1	15.4	15.4	30.8	11.5	-	-	-	-	3.8	100
Ga.	74.2	25.2	.6	1.1	38.8	25.3	9.0	10.3	6.7	3.7	2.7	1.1	.7	.6	100
Ill.	51.1	38.2	10.7	-	23.4	21.3	6.4	2.1	12.6	6.4	6.4	6.4	4.3	10.7	100
Ky.	75.1	22.8	2.1	1.0	46.4	22.5	5.2	6.2	12.4	2.1	2.1	-	-	2.1	100
La.	38.5	60.9	.6	.3	5.4	14.7	18.1	40.5	16.1	3.0	.7	.4	.2	.6	100
Miss.	35.1	64.5	.4	.1	8.2	14.3	12.5	28.1	22.5	8.6	3.5	1.3	.5	.4	100
Mo.	79.8	17.8	2.4	5.4	47.6	21.1	5.7	7.6	3.9	1.6	1.8	2.1	.8	2.4	100
N. Mex.	99.4	.6	-	50.0	42.0	7.0	.4	.1	.1	.4	-	-	-	-	100
N. C.	63.8	35.9	.3	5.6	26.1	20.6	11.5	21.2	11.3	2.4	.8	.1	.1	.3	100
Okla.	98.8	1.2	-	57.0	34.6	5.8	1.4	1.0	.2	-	-	-	-	-	100
S. C.	41.6	56.8	1.6	2.9	16.4	13.8	8.5	14.9	18.2	11.3	7.3	3.6	1.5	1.6	100
Tenn.	90.3	9.2	.5	3.3	56.0	25.0	6.0	4.2	2.4	1.1	.6	.6	.3	.5	100
Tex.	98.2	1.7	.1	21.4	64.1	10.8	1.9	1.2	.4	.1	*	*	-	.1	100
Va.	48.9	49.0	2.1	-	10.6	21.3	17.0	26.7	19.1	1.1	-	-	2.1	2.1	100
U. S. 1/	65.9	33.6	0.5	6.7	31.8	17.4	10.0	16.3	10.8	3.7	1.7	0.8	0.3	0.5	100

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

* Less than 0.05 percent.

Table 14. Proportions of total cottonseed samples containing specified percentages of free fatty acids, by States and United States 1/, 1951 2/

State	Free fatty acids															
	Prime quality	0-1.8	Below prime quality	Off	0	0.5	1.0	1.5	1.9	3.0	5.0	7.0	9.0	11.0	12.5 and over	Total
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Ala.	80.9	18.1	1.0	6.8	50.9	17.4	5.8	6.1	5.7	2.7	1.7	1.1	0.8	1.0	100	
Ark.	82.7	15.9	1.4	16.2	51.0	11.1	4.4	4.4	5.7	2.6	1.8	.9	.5	1.4	100	
Fla.	63.8	30.0	6.2	1.0	23.6	19.6	19.6	12.4	7.2	3.1	3.1	2.1	2.1	6.2	100	
Ga.	68.7	29.3	2.0	3.6	43.3	16.5	5.3	8.3	8.7	5.3	3.6	2.5	.9	2.0	100	
Ill.	44.9	34.3	20.8	-	38.1	3.4	3.4	3.4	3.4	10.3	10.3	6.9	-	20.8	100	
Ky.	58.1	38.7	3.2	9.7	45.2	3.2	-	1.6	12.9	12.9	8.1	3.2	-	3.2	100	
La.	58.1	37.0	4.9	19.1	22.2	10.9	5.9	11.2	12.5	5.4	3.6	2.9	1.4	4.9	100	
Miss.	85.4	14.1	.5	26.0	17.0	9.0	3.4	5.1	4.2	2.2	1.3	.9	.4	.5	100	
Mo.	75.5	17.7	6.8	14.3	50.7	8.0	2.5	3.0	2.7	3.7	3.8	2.7	1.8	6.8	100	
N. Mex.	98.4	1.6	-	30.0	49.2	16.1	3.1	1.4	.1	-	-	.1	-	-	100	
N. C.	76.8	23.0	.2	7.8	36.7	22.8	9.5	12.2	7.6	1.9	.7	.5	.1	.2	100	
Okla.	99.1	.9	-	50.1	37.0	10.3	1.7	.6	.2	*	.1	*	-	-	100	
S. C.	68.3	31.1	.6	16.8	31.7	13.7	6.1	11.3	12.1	5.2	1.5	.6	.4	.6	100	
Tenn.	89.6	9.7	.7	14.6	62.2	10.1	2.7	2.7	3.3	1.6	1.1	.7	.3	.7	100	
Tex.	97.3	2.3	.4	33.8	51.4	9.9	2.2	1.2	.5	.2	.2	.1	.1	.4	100	
Va.	75.7	24.3	-	1.2	33.9	28.5	12.1	12.9	9.0	-	1.6	.8	-	-	100	
U. S. 1/	83.2	15.4	1.4	21.0	46.3	11.9	4.1	5.1	4.9	2.3	1.5	1.0	0.5	1.4	100	

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

* Less than 0.05 percent.

Table 15. Proportions of total cottonseed samples containing specified percentages of foreign matter, by States and United States 1/ 1950 2/

State	Prime quality		Off quality		Below prime quality		Foreign matter		Foreign matter		Foreign matter		Foreign matter		Foreign matter		Total
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	
Ala.	85.6	14.3	0.1	11.2	1.8	0.6	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	10.1	100
Ark.	67.3	32.3	.4	18.2	6.2	3.6	2.5	1.0	.6	.2	.2	.2	.2	.2	.2	.4	100
Fla.	96.2	-	3.8	77.0	-	-	-	-	-	-	-	-	-	-	-	3.8	100
Ga.	79.3	20.7	*	51.3	4.6	1.5	1.5	.1	-	*	*	*	*	*	*	*	100
Ill.	31.9	68.1	-	17.0	6.4	12.8	17.0	14.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1	-	100
Ky.	52.5	45.4	2.1	28.7	5.2	10.3	8.2	5.2	5.2	3.1	3.1	3.1	3.1	3.1	3.1	2.1	100
La.	83.2	16.7	.1	46.6	2.5	.5	.3	.1	-	.1	.1	.1	.1	.1	.1	.1	100
Miss.	80.0	19.9	.1	47.4	3.4	1.2	.5	.2	.2	.1	.1	.1	.1	.1	.1	.1	100
Mo.	47.7	51.2	1.1	28.4	11.8	8.4	7.0	4.1	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.1	100
N. Mex.	57.4	41.9	.7	36.3	9.3	7.5	5.3	3.1	1.9	.6	.6	.6	.6	.6	.6	.7	100
N. C.	93.0	6.9	.1	71.0	.7	.3	.3	-	.1	*	*	*	*	*	*	.1	100
Okla.	56.0	43.8	.2	24.0	10.0	3.1	2.0	.6	*	.1	.1	.1	.1	.1	.1	.2	100
S. C.	94.5	5.5	*	67.2	.4	.1	-	*	-	-	-	-	-	-	-	*	100
Tenn.	71.0	28.8	.2	50.0	6.0	4.1	2.1	1.0	.4	.2	.2	.2	.2	.2	.2	.2	100
Tex.	46.2	52.5	1.3	19.2	10.3	6.6	5.1	2.6	1.3	.6	.6	.6	.6	.6	.6	1.3	100
Va.	90.4	8.5	1.1	55.3	2.1	-	-	-	-	-	-	-	-	-	-	1.1	100
U. S. 1/	71.5	28.1	0.4	40.8	5.4	3.0	2.1	1.0	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.4	100

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

* Less than 0.05 percent.

Table 16. Proportions of total cottonseed samples containing specified percentages of foreign matter, by States and United States 1/, 1951 2/

State	Prime		Off		0		0.6		1.1		2.1		3.1		4.1		5.6		7.1		8.6		10.1		Total
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	
Ala.	88.5	11.4	0.1	0.1	60.5	28.0	9.0	1.7	0.4	0.2	0.1	*	0.1	*	0.1	*	0.1	*	0.1	*	0.1	*	0.1	100	
Ark.	71.7	27.9	.4	5.8	41.6	30.1	15.3	5.8	2.9	2.1	1.0	0.5	2.1	0.5	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	100	
Fla.	79.4	20.6	*	4.1	54.7	24.7	15.5	4.1	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	
Ge.	85.6	14.3	*	3.0	65.4	20.2	9.7	3.0	1.0	.4	.2	*	.4	*	*	*	*	*	*	*	*	*	*	100	
Ill.	48.4	51.6	-	10.3	41.5	6.9	6.9	10.3	3.4	13.8	6.9	6.9	13.8	6.9	3.4	3.4	6.9	6.9	6.9	6.9	6.9	6.9	6.9	100	
Ky.	61.4	37.0	1.6	4.8	51.7	9.7	-	4.8	6.5	17.7	4.8	1.6	17.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	100	
La.	81.0	18.8	.2	3.3	45.4	35.6	13.5	3.3	.9	.6	.2	.1	.6	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	100	
Miss.	84.3	15.6	.1	2.2	54.9	29.4	11.9	2.2	.8	.4	.2	.1	.4	.1	*	*	*	*	*	*	*	*	*	100	
Mo.	57.7	40.9	1.4	9.2	38.4	19.3	17.2	9.2	5.1	4.6	2.4	1.5	4.6	1.5	.9	.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	100	
N. Mex.	52.2	47.6	.2	8.0	16.2	36.0	18.7	8.0	7.7	8.1	3.2	1.5	8.1	1.5	.4	.4	.2	.2	.2	.2	.2	.2	.2	100	
N. C.	88.7	11.1	.1	1.3	65.8	22.9	9.2	1.3	.5	.1	*	*	.1	*	-	-	.1	.1	.1	.1	.1	.1	.1	100	
Okla.	75.5	24.2	.3	4.5	42.2	33.3	17.3	4.5	1.3	.5	.3	.2	.5	.2	.1	.1	.3	.3	.3	.3	.3	.3	.3	100	
S. C.	91.2	8.8	*	1.1	69.0	22.2	7.2	1.1	.2	.2	-	.1	.2	.1	-	-	*	*	*	*	*	*	*	100	
Tenn.	71.9	27.9	.2	6.5	54.4	17.5	15.1	6.5	3.2	1.8	.9	.3	1.8	.9	.1	.1	.2	.2	.2	.2	.2	.2	.2	100	
Tex.	53.9	45.5	.6	9.6	26.1	27.8	26.6	9.6	4.7	2.9	1.0	.4	2.9	1.0	.3	.3	.6	.6	.6	.6	.6	.6	.6	100	
Va.	89.9	10.1	-	3.1	69.6	20.3	6.6	3.1	.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	
U. S. 1/	74.5	25.2	0.3	4.9	47.1	27.5	15.3	4.9	2.3	1.5	0.6	0.3	1.5	0.6	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	100	

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.

* Less than 0.05 percent.

Table 17. Number of samples graded, by qualities and number reduced in grade for specified causes, by States and United States 1/, 1950 and 1951 2/

State	Prime		Quality and below prime		Below grade		Total samples graded		Reduced for specified causes		Free fatty acids		Foreign matter	
	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951	1950	1951
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Ala.	1,327	6,119	5,396	4,947	1	21	6,724	11,087	4,596	2,888	1,675	2,108	963	1,282
Ark.	2,197	7,043	15,111	13,125	15	141	17,323	20,309	12,794	11,698	4,929	3,511	5,666	5,749
Fla.	2	20	24	72	-	5	26	97	21	57	12	35	1	20
Ga.	477	2,277	1,656	3,061	2	23	2,133	5,361	1,243	1,754	549	1,679	1445	773
Ill.	-	3	45	24	2	2	47	29	38	26	23	16	32	15
Ky.	3	5	94	56	-	1	97	62	95	56	24	26	46	24
La.	418	3,712	5,621	5,797	-	163	6,039	9,672	4,034	3,076	3,711	4,054	1,012	1,840
Miss.	1,525	14,296	17,523	7,533	-	24	19,048	21,853	12,881	3,874	12,364	3,201	3,773	3,423
Mo.	157	1,113	4,621	4,629	4	222	4,782	5,964	4,350	4,550	962	1,462	2,501	2,525
N. Mex.	434	764	418	698	-	-	852	1,462	63	3	5	23	363	698
N. C.	1,181	2,953	2,296	3,596	1	2	3,478	6,551	1,394	2,690	1,257	1,520	246	738
Okla.	1,298	3,761	1,206	1,764	-	1	2,504	5,526	135	556	29	51	1,102	1,344
S. C.	889	2,635	5,126	2,660	9	10	6,024	5,305	2,706	1,223	3,519	1,683	332	463
Tenn.	349	2,295	5,929	5,638	-	23	6,278	7,956	5,701	5,329	602	820	1,846	2,236
Tex.	5,209	12,041	7,004	10,810	1	57	12,214	22,908	599	171	219	604	6,577	10,560
Va.	39	18	55	238	-	-	94	256	42	234	48	62	9	26
U. S.	15,505	59,055	72,125	64,648	33	695	87,663	124,398	50,692	38,185	29,928	20,855	24,914	31,716

1/ Quality information not available for cottonseed produced in Arizona and California.

2/ Season beginning August 1.