

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL MARKETING SERVICE

COTTON DIVISION, MARKET NEWS BRANCH

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UNITED STATES COTTON QUALITY REPORT FOR GINNINGS PRIOR TO OCTOBER 1, 1986

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October 31, 1986

Upland cotton ginned in the United States prior to October 1 contained a smaller percentage of all white grades than the previous year and the largest proportion of Light Spotted grades for this period on record, according to the Cotton Division, Agricultural Marketing Service, USDA. The average staple length was 34.1 thirty-seconds inches, down from 34.4 a year ago. Cotton with mike 35-49 accounted for 82 percent of ginnings, up slightly from 81 percent a year ago. Average fiber strength in grams per tex was 24.8, the strongest since records were established in 1980.

Grade. Grade 41 was the predominant grade of upland cotton ginned prior to October 1 this season. This quality accounted for 33 percent of ginnings, the smallest proportion since the crop of 1974, and compares with 42 percent last year. White grades 31 and higher made up 12 percent this season against 22 percent a year ago. Grades 41 and higher accounted for 46 percent, down sharply from 72 percent in 1985. All white grades made up 55 percent of ginnings. This was the smallest proportion in all white grades since records began in 1938 and compares with 80 percent last year. Light Spotted grades, at 43 percent, made up the largest percentage since comparable records began in 1958 and was up from 20 percent the previous year. Spotted grades comprised 1 percent this season, about the same as a year earlier.

Staple. The average staple length of upland cotton ginned prior to October 1, 1986, was 34.1 thirty-seconds inches, down slightly from 34.4 a year earlier. Staple 34 was the predominant length, comprising 40 percent of ginnings, against 37 percent last season. In 1985, staple 35 was the prevailing length and accounted for 41 percent of ginnings. Staples 31 and shorter made up 2 percent of the crop, about the same as last season. Staples 32 and 33 made up 23 percent, up from 11 percent a year ago. Staples 34 and 35 accounted for 69 percent, down from 78 percent last year. Staples 36 and longer comprised 6 percent of the crop, the smallest proportion in the past four years and compares with 9 percent last year.

Mike. Upland cotton in the mike 35-49 range accounted for 82 percent of ginnings this season, up from 81 percent last year. Cotton with mike 34 and lower comprised 6 percent, compared with 13 percent a year ago. Cotton with mike 50 and higher, at 11 percent, made up the largest proportion of ginnings in this group since 1982 and was up from 7 percent the previous year. Average mike was 43 against 42 in 1985.

Strength. The average fiber strength of upland cotton ginned prior to October 1 this season was 24.8 grams per tex. This was the strongest average since records were established in 1980 and compares with 22.6 a year earlier. Strengths in the 19 and lower range accounted for 1 percent of ginnings against 5 percent in 1985. About 25 percent of ginnings had strengths in the 20 to 23 range, the smallest proportion on record and down from 62 percent last year. Cotton with strengths of 24 to 27 grams per tex, at 64 percent, made up the largest proportion in this range since records were established and was up from 32 percent last year. Fiber strength in the 28 and higher range was also a record high proportion at 11 percent, against 1 percent a year earlier.

Ginnings. Upland cotton ginned prior to October 1 this season totaled 2,407,280 running bales compared with 2,430,799 bales a year earlier. American Pima ginnings totaled 511 bales, according to the Bureau of the Census. Ginnings through September this season were equivalent to about 25 percent of the expected 1986 crop. About 19 percent of the 1985 crop was ginned through September last year.

Table 1. -- United States: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1966 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
<b>White:</b>															
11	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
21	*	-	-	*	*	*	0.1	0.1	0.1	0.1	*	-	-	-	0.5
30	-	-	-	*	-	*	*	*	*	*	*	-	-	-	*
31	*	*	*	*	0.1	0.6	3.0	5.2	2.3	0.6	*	*	-	*	11.8
40	-	-	*	*	*	0.1	0.3	0.7	0.4	0.1	*	*	*	*	1.5
41	*	-	*	*	0.1	0.8	5.2	14.5	10.4	1.4	0.1	*	*	*	32.6
50	-	*	*	*	*	*	0.2	0.8	1.0	0.3	*	*	-	*	2.3
51	-	*	*	*	*	0.2	1.0	2.2	2.0	0.6	0.1	*	*	*	6.0
60	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
61	-	-	*	*	*	*	0.1	0.1	0.1	*	*	*	-	-	0.4
70	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
71	-	-	*	*	*	*	*	*	*	*	-	-	-	-	0.1
<b>Lt. Spotted:</b>															
12	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
22	-	*	*	*	*	*	*	*	*	*	*	-	-	-	*
32	-	*	*	*	0.1	0.4	1.6	2.1	1.1	0.1	*	*	*	-	5.5
42	*	*	*	0.1	0.3	1.1	5.3	11.3	8.6	1.4	0.1	*	*	-	28.2
52	-	*	*	0.1	0.4	0.7	1.6	2.4	2.0	0.5	0.1	*	*	*	7.9
62	-	*	*	0.1	0.3	0.3	0.4	0.4	0.2	0.1	*	*	-	-	1.6
<b>Spotted:</b>															
13	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
23	-	-	*	*	-	*	*	*	*	*	*	-	-	-	*
33	*	*	*	*	*	*	*	*	*	*	*	*	-	-	0.1
43	-	*	*	*	*	0.1	0.2	0.2	0.1	*	*	*	*	-	0.6
53	-	*	*	*	*	*	0.1	0.1	0.1	*	*	*	-	-	0.4
63	-	*	*	*	*	*	0.1	*	*	*	*	*	-	-	0.2
<b>Tinged:</b>															
24	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
34	-	-	*	*	*	*	*	*	*	*	*	-	-	*	*
44	-	*	-	-	*	*	*	*	*	*	*	-	-	-	*
54	-	-	-	*	*	*	*	*	*	*	*	-	-	-	*
<b>Stained:</b>															
25	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
35	-	-	-	-	*	*	-	-	*	*	-	-	-	*	*
<b>Lt. Gray:</b>															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
36	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
<b>Gray:</b>															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
37	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
47	-	-	-	-	*	-	*	-	-	-	-	-	-	-	*
Below Grade 2/	-	*	*	*	0.1	0.1	0.1	*	*	*	*	-	-	-	0.3
All grades	*	*	0.1	0.4	1.6	4.4	19.0	40.4	28.4	5.2	0.6	*	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.2	0.5	2.0	3.6	82.4	7.1	4.2	43

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	*	0.5	5.1	19.5	35.1	29.0	8.7	1.7	0.5	24.8

1/ Ginnings, Bureau of the Census, 2,407,280 running bales.  
 2/ Lower in grade than the lowest grades of the official standards.  
 \* Less than 0.05 percent.

Average staple..... 34.1  
 Percent tenderable..... 45.9  
 Percent Average Rule Used (ARU)..... 1.7  
 Percent grade reductions..... 5.9

Table 2. -- Alabama: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	*	*	0.2	0.8	3.4	7.0	0.6	-	-	-	-	12.0
40	-	-	-	-	-	-	0.1	0.2	0.8	0.1	-	-	-	-	1.1
41	-	-	-	-	0.1	0.6	4.1	14.4	19.3	1.9	0.6	*	-	-	40.4
50	-	-	-	-	-	-	*	0.1	0.3	0.1	*	-	-	-	0.5
51	-	-	-	*	-	0.1	0.4	1.5	1.6	0.3	*	*	-	*	3.9
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	*	0.1	0.1	*	*	-	-	-	-	0.1
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	0.1	0.3	1.7	2.7	3.6	0.2	-	-	-	-	8.5
42	*	-	-	*	0.2	0.8	4.6	10.0	11.5	1.3	0.2	*	-	-	28.7
52	-	-	-	*	*	0.2	0.5	1.1	1.6	0.4	*	*	*	-	3.8
62	-	-	-	-	-	*	*	0.1	0.1	*	-	-	-	-	0.3
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
33	-	-	-	-	-	*	*	*	*	-	-	-	-	-	0.1
43	-	-	-	-	*	0.1	0.1	0.2	0.1	*	-	-	-	-	0.5
53	-	-	-	-	*	*	*	*	*	-	-	-	-	-	0.1
63	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/															
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All grades	*	-	-	0.1	0.5	2.2	12.5	33.7	45.9	4.8	0.3	0.1	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	-	*	*	0.1	58.0	25.3	16.6	49

Fiber strength	1/8" gage (grams per tex)									
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	Average strength
Percent	-	-	-	6.1	22.5	31.1	20.4	14.3	5.6	25.0

1/ Ginnings, Bureau of the Census, 31,220 running bales. Average staple..... 34.4  
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 35.9  
 \* Less than 0.05 percent. Percent Average Rule Used (ARU)..... 0.5  
 Percent grade reductions..... 5.3

Table 3. -- Arizona: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
<b>White:</b>															
11	-	-	-	-	-	-	-	-	0.2	0.5	*	-	-	-	0.7
21	*	-	-	-	-	*	-	0.1	7.9	16.2	1.2	-	-	-	25.4
30	-	-	-	-	-	-	-	-	0.3	0.7	*	-	-	-	1.0
31	-	-	-	-	-	-	-	0.4	17.8	28.5	3.0	-	-	-	49.7
40	-	-	-	-	-	-	-	-	0.2	1.2	0.3	*	-	-	1.7
41	-	-	-	-	-	-	-	0.1	2.6	2.5	0.1	-	-	-	5.3
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
51	-	-	-	-	-	-	-	*	0.1	*	*	-	-	-	0.2
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lt. Spotted:</b>															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	0.2	0.3	*	-	-	-	0.5
32	-	-	-	-	-	*	*	0.9	6.8	3.7	0.2	-	-	-	11.6
42	-	-	-	-	-	*	0.1	0.4	1.3	0.9	*	-	-	-	2.6
52	-	-	-	-	-	*	0.3	0.5	0.1	*	-	-	-	-	0.9
62	-	-	-	-	-	*	0.1	0.1	*	-	-	-	-	-	0.2
<b>Spotted:</b>															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	0.1	*	-	-	-	-	-	-	0.1
53	-	-	-	-	-	*	0.1	0.1	-	-	-	-	-	-	0.2
63	-	-	-	-	-	*	*	*	-	-	-	-	-	-	*
<b>Tinged:</b>															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Stained:</b>															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
<b>Lt. Gray:</b>															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gray:</b>															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
All grades	*	-	-	-	-	0.1	0.6	2.5	37.4	54.5	4.9	*	-	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.5	1.2	2.3	2.8	85.4	7.4	0.4	43

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	-	1.1	23.3	17.8	41.1	12.2	4.4	-	25.5

1/ Ginnings, Bureau of the Census, 19,415 running bales, which may include American Pima. Average staple..... 35.6  
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 80.6  
 \* Less than 0.05 percent. Percent Average Rule Used (ARU)..... \*  
 Percent grade reductions..... 4.2

Table 4. -- Arkansas: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple														All staple
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	*	*	*	0.1	*	*	-	-	-	-	0.2
30	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
31	*	-	-	-	0.1	0.3	0.9	6.9	3.9	0.4	*	-	-	-	12.6
40	-	-	-	-	*	0.1	0.1	0.8	1.0	0.2	*	*	*	-	2.3
41	-	-	-	*	0.2	0.6	1.2	8.7	15.9	3.9	0.4	*	-	-	30.9
50	-	-	-	*	*	*	0.1	0.5	2.1	0.9	0.1	*	-	-	3.8
51	-	-	-	-	*	*	0.1	0.4	1.4	1.0	0.1	*	*	-	3.0
60	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
61	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
70	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	*	*	*	*	*	-	-	-	-	-	*
32	-	-	-	*	0.1	0.6	1.0	2.8	2.7	0.3	*	*	-	-	7.5
42	-	-	-	*	0.2	0.8	2.8	10.5	15.4	4.5	0.5	*	*	-	34.6
52	-	-	-	*	*	0.1	0.3	1.1	1.9	0.9	0.1	*	-	-	4.4
62	-	-	-	-	*	-	*	*	*	*	*	-	-	-	0.1
Spotted:															
13	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
23	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
33	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
43	-	-	-	-	*	*	0.1	0.2	0.1	*	*	-	-	-	0.5
53	-	-	-	*	*	*	*	*	*	*	*	-	-	-	0.1
63	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	*	-	*	-	-	-	-	-	-	-	*
44	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
54	-	-	-	-	*	*	-	-	-	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	*	-	-	-	-	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/															
	-	-	-	-	-	*	*	-	*	*	-	-	-	-	*
All grades	*	-	-	*	0.6	2.5	6.6	32.1	44.6	12.1	1.4	0.1	*	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	*	0.3	0.9	71.6	15.1	12.1	46

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	0.1	1.8	6.7	27.5	40.2	20.7	2.8	0.2	26.0

1/ Ginnings, Bureau of the Census, 241,938 running bales. Average staple..... 34.6  
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 38.5  
 \* Less than 0.05 percent. Percent Average Rule Used (ARU)..... 0.7  
 Percent grade reductions..... 0.4

Table 5. -- California: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
<b>White:</b>															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	*	0.5	2.3	0.9	-	-	-	3.7
30	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
31	-	-	-	-	-	-	-	0.2	8.5	68.3	2.5	-	-	-	79.5
40	-	-	-	-	-	-	-	-	*	2.1	*	-	-	-	2.2
41	-	-	-	-	-	-	-	*	1.0	11.3	0.1	-	-	-	12.5
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51	-	-	-	-	-	-	-	-	*	0.1	-	-	-	-	0.1
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lt. Spotted:</b>															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	0.1	0.1	-	-	-	0.2
32	-	-	-	-	-	-	-	*	0.2	1.3	0.2	-	-	-	1.7
42	-	-	-	-	-	-	-	-	0.1	0.1	-	-	-	-	0.2
52	-	-	-	-	-	-	-	-	*	*	-	-	-	-	0.1
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Spotted:</b>															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tinged:</b>															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Stained:</b>															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lt. Gray:</b>															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gray:</b>															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Below Grade 2/</b>															
Below Grade 2/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All grades	-	-	-	-	-	-	-	0.3	10.4	85.6	3.8	-	-	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	-	-	-	-	90.2	8.4	1.4	44

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	INSUFFICIENT DATA									

1/ Ginnings, Bureau of the Census, 6,672 running bales. Average staple..... 35.9  
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 88.9  
 \* Less than 0.05 percent. Percent Average Rule Used (ARU)..... -  
 Percent grade reductions..... 2.9

Table 6. -- Georgia: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple													All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	
<b>White:</b>														
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	*	0.2	0.7	1.6	1.6	0.2	*	*	-	4.2
40	-	-	-	-	-	*	-	*	0.1	-	-	-	-	0.1
41	-	-	-	*	0.1	0.8	3.2	13.2	15.5	1.8	0.2	*	-	34.8
50	-	-	-	-	-	-	0.1	0.8	1.3	*	-	-	-	2.2
51	-	-	*	*	*	0.1	0.2	1.7	1.8	0.2	*	-	-	4.1
60	-	-	-	-	-	-	-	*	-	-	-	-	-	*
61	-	-	-	-	-	-	-	*	*	-	*	-	-	0.1
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	*	-	-	-	-	-	-	*
<b>Lt. Spotted:</b>														
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	*	*	*	0.3	0.9	1.6	1.8	0.2	-	-	-	4.8
42	-	-	*	0.2	0.6	2.3	5.6	12.5	13.2	1.8	0.2	0.1	-	36.5
52	-	-	*	0.1	0.2	0.6	1.2	2.3	2.3	0.2	*	-	-	6.9
62	-	-	-	*	*	*	0.1	0.1	0.1	*	-	-	-	0.3
<b>Spotted:</b>														
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	*	*	0.1	*	-	*	-	-	-	0.2
43	-	-	-	*	0.1	0.9	1.2	0.8	0.3	0.1	-	-	-	3.4
53	-	-	-	0.1	0.1	0.7	0.7	0.6	0.2	*	*	-	-	2.3
63	-	-	-	-	*	*	0.1	*	*	*	-	-	-	0.1
<b>Tinged:</b>														
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	*	*	*	-	-	-	-	-	-	*
54	-	-	-	-	-	0.1	0.1	*	*	-	-	-	-	0.1
<b>Stained:</b>														
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lt. Gray:</b>														
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	*	*	-	-	-	-	*
46	-	-	-	-	-	-	-	*	*	-	-	-	-	*
<b>Gray:</b>														
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	*	-	*	-	-	-	-	-	-	*
All grades	-	-	0.1	0.4	1.2	6.0	13.9	35.1	38.3	4.6	0.4	0.1	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	-	*	*	0.1	69.6	19.6	10.7	47

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	0.7	2.2	11.6	37.5	29.6	15.5	2.5	0.4	25.4

1/ Ginnings, Bureau of the Census, 18,623 running bales.  
 2/ Lower in grade than the lowest grades of the official standards.  
 \* Less than 0.05 percent.

Average staple..... 34.2  
 Percent tenderable..... 31.6  
 Percent Average Rule Used (ARU)..... 0.5  
 Percent grade reductions..... 1.6

Table 7. -- Louisiana: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple													All staples	
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39		40 and longer
<b>White:</b>															
11	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
21	-	-	-	-	-	-	-	*	*	*	-	-	-	-	0.1
30	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
31	-	-	-	-	*	*	0.7	2.6	1.4	0.1	-	-	-	-	4.8
40	-	-	-	-	-	*	*	0.3	0.2	*	-	-	-	-	0.6
41	-	-	-	-	*	0.2	2.3	13.6	13.1	1.5	*	-	-	-	30.5
50	-	-	-	*	*	*	0.1	0.7	1.3	0.3	0.1	*	-	-	2.4
51	-	-	-	-	*	*	0.1	1.1	2.1	0.6	*	*	-	-	3.9
60	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
61	-	-	-	-	-	-	-	*	*	*	*	-	-	-	0.1
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
<b>Lt. Spotted:</b>															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	*	-	-	*	-	-	-	-	-	*
32	-	-	-	*	*	0.2	1.0	2.5	1.0	0.1	-	-	-	-	4.9
42	-	-	-	*	*	0.6	5.1	19.0	17.6	2.2	*	*	-	-	44.7
52	-	-	-	-	*	0.1	0.4	2.1	2.9	0.8	*	-	-	-	6.3
62	-	-	-	-	*	*	*	0.1	0.1	0.1	*	-	-	-	0.3
<b>Spotted:</b>															
13	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
23	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
33	-	-	-	-	*	*	-	*	*	*	-	-	-	-	0.1
43	-	-	-	-	*	0.1	0.3	0.5	0.2	*	*	-	-	-	1.1
53	-	-	-	-	*	*	0.1	0.1	0.1	*	*	-	-	-	0.3
63	-	-	-	*	*	*	*	*	*	*	*	-	-	-	0.1
<b>Tinged:</b>															
24	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
34	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
44	-	-	-	-	-	*	*	*	-	*	-	-	-	-	*
54	-	-	-	-	-	*	*	*	-	-	-	-	-	-	*
<b>Stained:</b>															
25	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
35	-	-	-	-	-	*	-	-	*	-	-	-	-	-	*
<b>Lt. Gray:</b>															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
46	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
<b>Gray:</b>															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	*	-	-	-	-	-	-	-	-	-	*
Below Grade 2/	-	-	-	*	*	*	*	*	*	*	*	-	-	-	0.1
All grades	-	-	-	*	0.1	1.2	10.1	42.7	40.1	5.6	0.2	*	-	-	100.0

Mike	: 26 and below	: 27-29	: 30-32	: 33-34	: 35-49	: 50-52	: 53 and above	Average mike
Percent	*	0.1	0.3	0.6	90.5	7.3	1.2	44

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	-	0.3	4.2	28.2	43.9	16.5	5.1	1.9	26.3

1/ Ginnings, Bureau of the Census, 391,427 running bales. Average staple..... 34.4  
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 42.8  
 \* Less than 0.05 percent. Percent Average Rule Used (ARU)..... 0.4  
 Percent grade reductions..... 1.6



Table 8. -- Mississippi: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple													All staple
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	
<b>White:</b>														
11	-	-	-	-	-	-	*	-	-	-	-	-	-	*
21	-	-	-	-	*	0.1	0.3	0.2	*	*	-	-	-	0.6
30	-	-	-	*	*	*	*	*	*	*	-	-	-	*
31	-	-	-	*	*	0.5	3.5	4.3	1.4	0.1	-	*	-	9.8
40	-	-	-	-	*	*	0.1	0.3	0.2	*	-	*	-	0.6
41	-	-	*	*	*	0.6	6.6	16.8	9.3	0.5	*	*	-	33.8
50	-	-	-	-	-	*	0.3	1.0	0.7	0.1	*	-	-	2.0
51	-	-	-	*	*	*	0.5	1.7	1.4	0.1	*	*	-	3.8
60	-	-	-	-	-	-	*	*	*	*	-	-	-	*
61	-	-	-	-	-	*	*	*	*	*	-	-	-	*
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	*	*	*	*	-	-	-	-	*
<b>Lt. Spotted:</b>														
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	*	*	*	*	*	-	-	-	*
32	-	-	-	*	0.1	0.9	3.3	2.5	0.6	*	-	-	-	7.4
42	-	-	-	*	0.1	1.5	10.1	17.2	7.8	0.5	*	*	-	37.3
52	-	*	-	*	*	0.1	0.8	1.9	1.2	0.1	*	-	*	4.1
62	-	-	-	*	*	*	*	0.1	0.1	*	-	-	-	0.1
<b>Spotted:</b>														
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	*	-	*	-	-	-	-	*
33	-	-	-	-	*	*	*	*	*	*	-	-	-	*
43	-	-	-	*	*	*	0.1	0.1	*	*	-	-	-	0.2
53	-	-	-	-	*	*	*	*	*	*	-	-	-	0.1
63	-	-	-	-	-	*	*	*	*	*	-	-	-	*
<b>Tinged:</b>														
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	*	-	*	*	-	-	-	-	-	*
44	-	*	-	-	-	*	*	*	*	-	-	-	-	*
54	-	-	-	-	*	-	*	*	*	-	-	-	-	*
<b>Stained:</b>														
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lt. Gray:</b>														
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	*	*	*	*	-	-	-	-	*
36	-	-	-	-	-	-	*	*	*	-	-	-	-	*
46	-	-	-	-	-	*	*	*	*	-	-	-	-	*
<b>Gray:</b>														
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	*	-	-	-	-	-	-	*
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	*	*	*	*	*	*	-	-	-	*
All grades	-	*	*	*	0.3	3.8	25.7	46.1	22.8	1.3	*	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	*	0.4	1.1	91.5	6.3	0.8	44

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	*	1.3	13.2	43.7	34.6	6.3	0.7	0.1	25.1

1/ Ginnings, Bureau of the Census, 699,626 running bales. Average staple..... 33.9  
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 50.5  
 \* Less than 0.05 percent. Percent Average Rule Used (ARU)..... 0.5  
 Percent grade reductions..... 1.1

Table 9. -- Missouri: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
<b>White:</b>															
11	-	-	-	-	*	-	-	-	-	-	-	-	-	-	*
21	-	-	-	-	-	-	*	0.4	0.6	0.1	-	-	-	-	1.1
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	*	*	0.2	7.9	11.8	1.3	0.1	*	-	-	21.2
40	-	-	-	-	*	-	*	0.2	0.6	0.1	*	-	-	-	1.0
41	-	-	-	-	-	*	0.1	3.8	22.9	5.1	0.3	0.1	*	-	32.3
50	-	-	-	-	-	-	-	0.1	0.7	0.4	0.1	*	-	-	1.3
51	-	-	-	-	-	-	-	0.1	0.4	0.4	0.1	*	*	-	1.0
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lt. Spotted:</b>															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	*	0.1	*	-	-	-	-	-	0.1
32	-	-	-	-	-	-	0.2	4.2	9.3	1.0	*	*	*	-	14.7
42	-	-	-	-	-	-	0.1	2.4	16.8	6.1	0.4	0.1	*	-	25.7
52	-	-	-	-	-	-	*	0.1	0.4	0.3	0.2	0.1	*	-	1.0
62	-	-	-	-	-	*	-	*	*	*	-	-	-	-	*
<b>Spotted:</b>															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	*	*	*	*	-	-	-	0.1
43	-	-	-	-	-	-	*	0.1	0.2	0.1	*	*	*	-	0.4
53	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
63	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
<b>Tinged:</b>															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Stained:</b>															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lt. Gray:</b>															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gray:</b>															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
All grades	-	-	-	-	*	*	0.6	19.2	63.7	14.8	1.3	0.4	*	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	*	0.1	*	50.1	25.7	24.0	49

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	-	-	2.8	22.5	49.9	21.0	3.5	0.2	26.4

1/ Ginnings, Bureau of the Census, 60,144 running bales. Average staple..... 35.0  
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 35.1  
 \* Less than 0.05 percent. Percent Average Rule Used (ARU)..... 0.1  
 Percent grade reductions..... 0.3

Table 10. -- North Carolina: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple													All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	
White:														
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	0.4	3.3	9.5	5.7	*	-	-	-	18.9
40	-	-	-	-	-	-	0.8	1.3	0.6	0.1	-	-	-	2.7
41	-	-	-	-	-	*	6.4	15.0	6.8	0.2	-	-	-	28.4
50	-	-	-	-	-	-	0.4	2.6	2.7	0.5	-	-	-	6.3
51	-	-	-	-	-	-	-	1.2	1.9	-	-	-	-	3.0
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	0.1	-	-	-	-	0.1
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Spotted:														
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	*	0.1	1.3	5.2	3.9	0.1	-	-	-	10.7
42	-	-	-	-	-	0.4	5.3	10.2	6.2	1.1	-	-	-	23.2
52	-	-	-	-	*	0.4	1.6	2.2	1.8	0.3	-	-	-	6.3
62	-	-	-	-	-	-	-	*	-	-	-	-	-	*
Spotted:														
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	*	*	-	-	-	-	-	0.1
53	-	-	-	-	-	-	0.1	0.1	-	-	-	-	-	0.2
63	-	-	-	-	-	-	-	*	-	-	-	-	-	*
Tinged:														
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stained:														
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:														
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:														
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1
All grades	-	-	-	-	0.2	1.4	19.2	47.3	29.7	2.4	-	-	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	-	-	-	-	64.6	25.4	9.9	48

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	-	-	20.6	35.3	44.1	-	-	-	24.8

1/ Ginnings, Bureau of the Census, 4,403 running bales.  
 2/ Lower in grade than the lowest grades of the official standards.  
 \* Less than 0.05 percent.

Average staple..... 34.1  
 Percent tenderable..... 43.7  
 Percent Average Rule Used (ARU)..... 0.7  
 Percent grade reductions..... 5.0

Table 11. -- South Carolina: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple													All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	
White:														
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	*	0.2	0.1	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	0.5	1.6	4.1	5.5	1.6	-	-	-	-
40	-	-	-	-	*	*	0.1	0.1	0.3	0.1	-	-	-	-
41	-	-	-	-	0.1	2.8	6.5	7.4	9.6	2.1	0.2	-	-	-
50	-	-	-	-	-	0.1	0.3	0.8	1.3	0.3	*	-	-	-
51	-	-	-	-	-	-	0.1	0.3	0.3	0.2	*	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Spotted:														
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	0.1	1.7	2.9	3.0	2.8	1.1	*	-	-	-
42	-	-	-	*	0.4	6.2	11.2	8.9	5.4	2.3	0.1	-	-	-
52	-	-	-	-	0.1	1.0	2.0	1.2	1.0	0.4	*	-	-	-
62	-	-	-	-	-	*	*	*	-	-	-	-	-	-
Spotted:														
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	*	-	-	-	-	-	-	-	-
43	-	-	-	-	*	0.1	0.5	0.2	*	-	-	-	-	-
53	-	-	-	-	-	*	0.2	0.1	0.1	-	-	-	-	-
63	-	-	-	-	-	*	*	*	*	-	-	-	-	-
Tinged:														
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	*	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stained:														
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:														
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	*	*	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:														
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	-	*	-	-	-	-	-	-	-	-
All grades	-	-	-	*	0.7	12.6	25.5	26.4	26.3	8.1	0.4	-	-	-

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	-	-	-	*	77.9	17.1	5.0	47

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	-	1.2	10.2	35.1	31.4	13.5	8.2	0.4	25.8

1/ Ginnings, Bureau of the Census, 11,622 running bales. Average staple..... 33.9  
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 38.6  
 \* Less than 0.05 percent. Percent Average Rule Used (ARU)..... 0.4  
 Percent grade reductions..... 2.5

Table 12. -- Tennessee: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple														All staple
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
<b>White:</b>															
11	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
21	-	-	-	-	-	*	0.2	0.2	*	-	-	-	-	-	0.5
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	*	0.3	6.4	18.1	3.8	0.1	*	-	-	-	28.5
40	-	-	-	-	-	*	0.4	2.3	0.8	*	-	-	-	-	3.5
41	-	-	-	-	*	0.1	2.8	20.4	10.1	0.3	-	-	-	-	33.6
50	-	-	-	-	-	*	0.1	0.8	0.8	*	-	-	-	-	1.7
51	-	-	-	-	*	*	0.1	0.9	0.9	0.1	-	-	-	-	2.0
60	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
61	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
<b>Lt. Spotted:</b>															
12	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
22	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
32	-	-	-	-	*	0.2	2.4	7.1	1.8	*	-	-	-	-	11.5
42	-	-	-	-	*	*	1.2	9.6	5.1	0.2	-	-	-	-	16.1
52	-	-	-	-	*	*	0.1	0.6	0.7	0.1	-	-	-	-	1.4
62	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
<b>Spotted:</b>															
13	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
23	-	-	-	-	-	*	*	*	-	-	-	-	-	-	*
33	-	-	-	-	-	*	0.1	0.2	*	-	-	-	-	-	0.3
43	-	-	-	-	-	*	0.2	0.3	0.1	*	-	-	-	-	0.6
53	-	-	-	-	-	*	*	*	*	*	-	-	-	-	0.1
63	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
<b>Tinged:</b>															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	*	-	*	*	-	-	-	-	-	-	*
44	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
54	-	-	-	-	-	-	-	*	-	-	-	-	-	-	-
<b>Stained:</b>															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lt. Gray:</b>															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
<b>Gray:</b>															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
All grades	-	-	-	-	*	0.6	14.1	60.5	24.0	0.9	*	-	-	-	100.0

Mike	: 26 and below	: 27-29	: 30-32	: 33-34	: 35-49	: 50-52	: 53 and above	Average mike
Percent	-	*	*	*	30.3	30.6	39.0	51

Fiber strength	1/8" gage (grams per tex)									Average strength
	: 17 and below	: 18-19	: 20-21	: 22-23	: 24-25	: 26-27	: 28-29	: 30-31	: 32 and above	
Percent	-	-	0.2	6.7	43.7	38.0	10.8	0.6	-	25.5

1/ Ginnings, Bureau of the Census, 147,369 running bales. Average staple..... 34.1  
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 22.4  
 \* Less than 0.05 percent. Percent Average Rule Used (ARU)..... 0.3  
 Percent grade reductions..... 1.1

Table 13. -- Texas: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed prior to October 1, 1986 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
<b>White:</b>															
11	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
21	-	-	-	-	*	*	0.1	0.1	0.1	*	*	-	-	-	0.3
30	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
31	-	*	*	*	0.2	1.1	3.9	5.0	1.8	0.2	*	*	-	*	12.2
40	-	-	*	*	*	0.1	0.5	0.9	0.5	0.1	*	-	-	*	2.1
41	*	-	*	*	0.3	1.4	7.1	14.8	8.1	1.4	0.2	*	*	*	33.4
50	-	*	*	*	*	0.1	0.2	0.8	0.8	0.3	*	*	-	-	2.2
51	-	*	*	*	0.1	0.5	2.1	3.8	2.8	0.9	0.1	*	-	-	10.4
60	-	-	-	-	*	*	*	*	*	*	*	-	-	-	0.1
61	-	-	*	*	*	0.1	0.3	0.4	0.2	0.1	*	*	-	-	1.0
70	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
71	-	-	*	*	*	*	*	*	*	*	-	-	-	-	0.1
<b>Lt. Spotted:</b>															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	*	*	*	*	*	*	*	*	*	-	-	-	-	*
32	-	*	*	0.1	0.2	0.2	0.6	0.8	0.4	0.1	*	*	-	-	2.3
42	-	*	*	0.2	0.7	1.2	3.1	4.7	3.8	0.9	0.2	*	*	-	14.8
52	-	*	0.1	0.4	1.2	1.6	3.2	3.8	2.6	0.7	0.2	*	*	*	13.8
62	-	*	0.1	0.3	0.9	0.8	1.0	0.9	0.5	0.1	*	*	-	-	4.5
<b>Spotted:</b>															
13	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
23	-	-	*	*	-	*	*	*	*	*	*	-	-	-	*
33	*	*	*	*	*	*	0.1	*	*	*	*	*	-	-	0.1
43	-	*	*	*	*	0.1	0.2	0.2	0.2	*	*	*	-	-	0.8
53	-	*	*	*	*	0.1	0.2	0.2	0.2	*	*	*	-	-	0.8
63	-	*	*	*	*	0.1	0.1	0.1	0.1	*	*	*	-	-	0.4
<b>Tinged:</b>															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	*	*	*	*	*	*	*	*	*	-	-	*	*
44	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
54	-	-	-	*	*	*	*	*	*	*	*	-	-	-	*
<b>Stained:</b>															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	*	*
<b>Lt. Gray:</b>															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
36	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
<b>Gray:</b>															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	*	-	*	-	-	-	-	-	-	-	*
Below Grade 2/	-	*	*	0.1	0.2	0.2	0.2	0.1	*	*	*	-	-	-	0.8
All grades	*	*	0.2	1.1	3.9	7.6	22.9	36.6	21.9	4.8	0.9	0.1	*	*	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.4	1.3	5.0	8.4	84.3	0.6	0.1	39

Fiber strength	1/8" gage (grams per tex)										Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above		
Percent	0.1	1.2	11.9	37.2	33.2	13.0	3.0	0.4	0.1	23.5	

1/ Ginnings, Bureau of the Census, 774,115 running bales, which may include American Pima. Average staple..... 33.8  
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 48.9  
 \* Less than 0.05 percent. Percent Average Rule Used (ARU)..... 3.8  
 Percent grade reductions..... 13.7