

UNITED STATES DEPARTMENT OF AGRICULTURE
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QUALITY OF COTTON IN THE 1950 CARRY-OVER

The quality of upland cotton in the United States carry-over on July 29, 1950, averaged higher in grade than for any other year since 1941 but slightly shorter in staple than for last year, according to the Department of Agriculture. This year's carry-over of upland cotton compared with a year earlier contained, (1) slightly smaller proportions of Middling and higher grade cotton, (2) larger proportions of Strict Low Middling, and (3) substantially smaller proportions of Low Middling and lower. As for staple length, the carry-over was characterized by, (1) larger proportions of the lengths 29/32" and shorter, (2) increased proportions of 15/16" through 1", (3) smaller proportions of 1-1/32" through 1-3/32", and (4) slightly larger proportions of 1-1/8" and longer. The improvement in grade and the decrease in average staple length is, in part, a reflection of somewhat similar changes in the 1949 crop but the relatively heavy disappearance of lower quality cotton during the 1949-50 season was an important factor. The total carry-over of all kinds of cotton was 6,846,000 bales, nearly half of which was in loan and pooled stocks of the Commodity Credit Corporation.

Grade Index Highest In Nine Years

The grade index of the 1950 carry-over was estimated to be 96.1 (Middling White = 100). This is slightly above the index of 95.9 for the 1949 carry-over and the highest since the 1941 carry-over. The grade index for mill stocks of 94.9 was however slightly below the mill stocks index of a year ago and lowest in the last 11 years with the exception of 1947 which was the same as for 1950. The grade index of stocks in public storage, much of which was Commodity Credit Corporation stocks, was estimated to be 96.3 compared with 96.0 last year and 92.9 two years ago. The steady rise in the grade index of stocks in public storage in recent years largely reflects a comparable rise in the quality of Commodity Credit Corporation stocks.

Grade Indexes, August 1
(Middling White equals 100)

<u>Year</u>	<u>Mill stocks</u>	<u>Public Storage stocks</u>	<u>Total Carry-over</u>
1940	98.4	96.6	96.7
1941	97.1	96.4	96.5
1942	96.9	93.1	93.9
1943	97.2	92.0	93.0
1944	97.9	93.1	93.9
1945	96.6	91.6	92.5
1946	95.0	90.4	91.8
1947	94.9	91.0	93.2
1948	96.4	92.9	94.6
1949	95.3	96.0	95.9
1950	94.9	96.3	96.1

Strict Middling and higher grade cotton in the carry-over this year totaled about 780,000 bales or 12 percent of the total. Last year, stocks of these higher grades totaled 714,000 bales or 14 percent of the total. The proportion of these qualities in the 1949-50 supply was only slightly larger than the proportion in this season's carry-over.

Carry-over of upland cotton in the
United States, August 1

Grade and Staple	1947		1948		1949		1950	
	Quan-	Per-	Quan-	Per-	Quan-	Per-	Quan-	Per-
	tity	centage	tity	centage	tity	centage	tity	centage
	1,000	Percent	1,000	Percent	1,000	Percent	1,000	Percent
	bales		bales		bales		bales	
S.M. & higher*	474	20	592	20	714	14	780	12
Middling*	671	28	1,049	35	2,107	40	2,625	39
Strict Low Middling*	544	23	607	20	1,589	30	2,521	37
Low Middling & lower*	703	29	737	25	806	16	819	12
Total	2,392	100	2,985	100	5,216	100	6,745	100
29/32" & shorter	180	8	295	10	145	3	566	8
15/16" - 1"	853	36	1,001	34	1,086	21	1,551	23
1-1/32" - 1-3/32"	1,056	44	1,408	47	3,702	71	4,253	63
1-1/8" & longer	295	12	281	9	283	5	373	6
Total	2,392	100	2,985	100	5,216	100	6,745	100
L. M. & lower, 29/32" and shorter	802	34	892	30	910	17	1,306	19

* White and Extra White, including grades of colored cotton of approximately equivalent values.

Middling and Strict Low Middling cotton comprised the bulk of the 1950 carry-over. These grades accounted for 76 percent of the total as compared with 70 percent for 1949. About 39 percent of the August 1, 1950, stocks was Middling or approximately equivalent grades. This is a one percent reduction from last year when 40 percent of the carry-over was of these grades. Strict Low Middling and equivalent grades accounted for 37 percent of the carry-over compared with 30 percent a year earlier. This year's carry-over contained about 5,146,000 bales of these qualities as compared with 3,696,000 in 1949.

Low Middling and lower grade cotton in the 1950 carry-over totaled 819,000 bales or 12 percent of the total as compared with 806,000 bales or 16 percent a year ago.

Average Staple Length Slightly Shorter

The average staple length of the 1950 carry-over was 33.0 thirty-seconds inches. The length of carry-over stocks a year ago averaged 33.3 thirty-seconds, the longest on record. This decrease in the average staple resulted in part from increased production in Western Texas and Oklahoma where the bulk of the shorter staples are ordinarily produced and a decrease in the Mississippi delta area which ordinarily produces a large proportion of the longer lengths. The average staple length of mill stocks on August 1, 1950, was 33.1 thirty-seconds compared with 33.4 thirty-seconds a year earlier. Stocks in public storage this year also averaged shorter than a year ago. The average was 32.9 thirty-seconds as compared with 33.3 in 1949.

Average Staple Length, August 1
(Thirty-seconds inches)

<u>Year</u>	<u>Mill stocks</u>	<u>Public storage stocks</u>	<u>Total carry-over</u>
1940	33.1	30.6	30.8
1941	32.9	30.7	31.1
1942	32.9	30.3	30.9
1943	33.1	30.4	30.9
1944	33.0	30.2	30.7
1945	32.9	30.5	30.9
1946	32.9	31.2	31.7
1947	33.1	32.5	32.8
1948	33.1	32.2	32.7
1949	33.4	33.3	33.3
1950	33.1	32.9	33.0

The shorter staple lengths (29/32" and shorter) in the 1950 carry-over totaled 566,000 bales or 8 percent of the total compared with 145,000 bales or only 3 percent in the 1949 carry-over. Most of these shorter lengths were in public storage stocks.

Stocks of 15/16" through 1" in this year's carry-over totaled 1,551,000 bales or about 500,000 bales more than in the 1949 carry-over. These lengths constituted 23 percent of this year's carry-over against 21 percent last year.

Cotton 1-1/32" through 1-3/32" totaled 4,255,000 bales or 63 percent of all stocks. Last year these lengths comprised 71 percent of the total carry-over.

Long staple (1-1/8" and longer) in the 1950 carry-over totaled 373,000 bales or 6 percent of all stocks. This compares with 5 percent in 1949 and 9 percent in 1948. A substantial proportion of the carry-over stocks of these longer lengths was in Commodity Credit Corporation stocks. The production of these longer lengths has increased during recent years.

Supply and Distribution

The following table shows the grade indexes and average lengths of the supply and distribution of upland cotton from 1946 through 1950. The supply figures are for the carry-over at the beginning of the season plus production. The disappearance figures include cotton consumed, exported, and destroyed during the season.

Item	<u>Grade index</u>					<u>Average length</u>				
	(Middling White equals 100)					(Thirty-seconds inches)				
	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>
Supply	93.3	96.2	95.5	94.6	-	32.2	31.9	32.5	32.5	-
Disappearance	93.3	96.7	95.3	93.9	-	32.0	31.7	32.1	32.0	-
Carry-over	91.8	93.2	94.6	95.9	96.1	31.7	32.8	32.7	33.3	33.0
Mill Stocks	95.0	94.9	96.4	95.3	94.9	32.9	33.1	33.1	33.4	33.1
Free Stocks	91.6	88.1	92.9	96.0	94.3	31.6	32.4	32.2	33.3	31.9
CCG Stocks	86.3	-	-	95.9	96.7	29.6	-	-	33.4	33.3

Untenderable Stocks

Cotton untenderable in settlement of futures contracts in this year's carry-over totaled about 833,000 bales or 12 percent of the total. The corresponding figures for 1949 were 628,000 bales and 12 percent.

Total Carry-over 1-1/2 Million Bales Larger

The Bureau of the Census reported a total carry-over on July 29, 1950 of 6,846,135 bales. This is about 1-1/2 million larger than last year's carry-over of 5,287,128 bales. Stocks of upland cotton in the 1950 carry-over totaled 6,745,250 bales and the foreign growth total was 97,574 bales.

American-Egyptian stocks on July 29, 1950 were reported to be 2,759 bales. This compares with 1,851 on the corresponding date a year earlier. Over three-fourths of the current carry-over consists of Grade No. 2 and higher and more than half of this cotton was 1-1/2 inches or longer in length.

Foreign growths in the 1950 carry-over totaled 97,574 bales compared with 68,949 bales a year earlier. Stocks of Egyptian cotton totaled 58,497 bales, Peruvian 3,161 bales, Indian 32,985 bales and other growths 2,931 bales. The bulk of the Egyptian cotton was of the lengths 1-3/8" through 1-19/32". On August 1, 1949 stocks of Egyptian cotton totaled 42,178 bales, Peruvian 1,049 bales, Indian 23,699 bales and other foreign growths 2,023 bales.

Table 1. Grade and staple length of upland cotton in the carry-over, United States, August 1, 1950

Grade	13/16" & shorter		7/8"		29/32"		15/16"		31/32"		1"		1-1/32"		1-1/16"		1-3/32"		1-1/8" & longer		Total	
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales		
Extra White:																						
G.M.	-	-	-	-	5	19	1,076	4,438	6,979	13,005	25,522											
S.M.	-	-	-	40	104	1,136	110,128	54,664	66,483	67,616	300,203											
M.	11	122	106	361	654	7,733	104,936	78,547	49,051	37,378	278,899											
S.L.M.	33	283	199	1,174	2,778	11,290	29,508	24,818	13,531	4,523	86,137											
L.M.	41	416	51	1,403	1,326	4,384	7,128	5,880	1,330	578	22,537											
S.G.O.	24	99	20	665	644	908	1,399	1,449	-	4	5,661											
G.O.	17	99	5	179	125	245	69	365	-	1	1,105											
White:																						
S.G.M.	17	264	372	2,360	1,385	2,122	3,015	3,628	3,429	1,490	18,082											
G.M.	912	5,982	10,926	27,786	18,229	37,863	65,487	127,296	72,317	50,719	417,517											
S.M.	2,609	37,651	46,447	94,361	76,428	224,752	430,873	687,747	371,857	125,046	2,097,771											
M.	8,371	55,990	71,036	123,063	84,222	283,415	517,277	561,312	252,983	62,092	2,019,761											
S.L.M.	1,593	13,540	11,589	32,468	31,241	123,344	170,345	118,230	32,687	4,678	539,715											
L.M.	655	3,036	1,881	6,288	5,315	18,195	11,994	3,952	1,503	277	53,096											
S.G.O.	257	1,136	1,022	1,272	1,616	1,913	566	528	63	7	8,380											
Spotted:																						
G.M.	663	2,736	2,792	3,048	917	1,218	2,548	2,780	1,985	426	19,113											
S.M.	5,528	41,309	36,398	42,018	17,092	33,438	38,404	23,067	6,779	2,413	246,446											
M.	24,661	73,652	53,128	54,688	21,607	51,251	51,654	41,041	10,203	1,542	383,427											
S.L.M.	2,450	12,663	7,317	13,525	5,659	14,897	14,552	7,097	1,264	143	80,067											
L.M.	714	1,548	1,351	3,538	1,673	7,242	4,647	1,492	51	11	22,267											
Tinged:																						
G.M.	10	75	28	53	20	34	14	5	1	-	240											
S.M.	963	2,167	520	1,147	610	1,591	1,613	216	25	2	8,854											
M.	11,730	3,625	461	3,378	982	1,965	1,635	470	32	2	14,286											
S.L.M.	1,455	1,853	506	2,272	628	2,807	2,369	818	38	-	12,746											
L.M.	275	539	7	879	552	771	379	97	-	-	3,499											
Stained 2/	167	126	15	113	20	26	10	-	-	-	477											
Gray 2/	509	2,064	2,163	6,407	5,322	14,389	19,099	16,358	4,695	553	71,559											
Below Grade	422	2,190	320	1,875	412	623	39	1	1	1	5,884											
All grades	54,093	263,166	249,161	424,261	279,566	847,571	1,503,319	1,853,741	897,736	372,537	6,745,251											
																					Ave. staple length	96.1
																					Grade index	33.0

1/ See table on reverse side for 1-1/8" and longer by staple lengths.
 2/ Includes all grades.
 3/ As reported by the Bureau of the Census.

Grade and staple length of upland cotton in the carry-over,
United States, August 1, 1950 (Continued)

Grade	1-1/8"	1-5/32"	1-3/16"	1-7/32"	1-1/4" and longer	Total 1-1/8" and longer
	Bales	Bales	Bales	Bales	Bales	Bales
<u>Extra White:</u>						
G.M.	8,337	2,036	1,153	1,084	395	13,005
S.M.	41,541	8,763	3,596	8,854	4,892	67,646
M.	20,816	3,056	5,507	5,388	2,611	37,378
S.L.M.	2,734	988	547	174	80	4,523
L.M.	526	32	17	2	1	578
S.G.O.	4	-	-	-	-	4
G.O.	-	1	-	-	-	1
<u>White:</u>						
S.G.M.	-	-	-	-	-	-
G.M.	1,224	221	20	25	-	1,490
S.M.	31,359	9,538	4,146	1,171	4,505	50,719
M.	79,741	24,947	7,100	4,162	9,096	125,046
S.L.M.	44,247	9,250	3,578	1,669	3,348	62,092
L.M.	3,359	650	255	125	289	4,678
S.G.O.	189	72	2	-	14	277
G.O.	1	2	3	-	1	7
<u>Spotted:</u>						
G.M.	219	32	146	21	8	426
S.M.	893	886	463	115	56	2,413
M.	854	428	85	91	84	1,542
S.L.M.	121	9	13	-	-	143
L.M.	4	5	2	-	-	11
Tinged 1/	3	1	-	-	-	4
Stained 1/	-	-	-	-	-	-
Gray 1/	319	50	25	38	121	553
Below Grade	1	-	-	-	-	1
All Grades	236,492	60,967	26,658	22,919	25,501	372,537

1/ Includes all grades.

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 Table 2. Grade and staple length of upland cotton in consuming establishments,
 United States, August 1, 1950

Grade	13/16" & shorter		7/8"		29/32"		15/16"		31/32"		1"		1-1/32"		1-1/16"		1-3/32"		1-1/8" & longer		Total
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	
Extra White:																					
G.M.	-	-	-	-	-	-	-	18	234	682	584	1,518	-	-	-	-	-	-	-	-	-
S.M.	-	-	-	-	-	-	644	9,131	7,533	10,141	27,449	-	-	-	-	-	-	-	-	-	-
M.	-	-	-	-	-	-	1,096	13,971	4,739	6,411	26,518	-	-	-	-	-	-	-	-	-	-
S.L.M.	-	-	-	-	-	1144	1,583	3,528	1,998	352	8,243	-	-	-	-	-	-	-	-	-	-
L.M.	-	-	-	-	-	-	2,534	4,088	424	351	7,991	-	-	-	-	-	-	-	-	-	-
S.G.O.	-	-	-	-	344	558	390	1,227	226	-	3,125	-	-	-	-	-	-	-	-	-	-
G.O.	-	-	-	-	5	91	15	-	-	-	125	-	-	-	-	-	-	-	-	-	-
White:																					
G.M.	-	-	-	-	-	168	728	100	1,305	1,077	121	4,124	-	-	-	-	-	-	-	-	-
S.M.	-	-	-	-	-	3,678	12,070	10,476	28,312	16,866	24,239	102,781	-	-	-	-	-	-	-	-	-
M.	-	-	-	-	-	21,199	77,549	60,181	97,236	60,231	51,708	402,387	-	-	-	-	-	-	-	-	-
S.L.M.	-	-	-	-	-	14,968	101,969	82,178	81,569	23,185	20,203	347,663	-	-	-	-	-	-	-	-	-
L.M.	-	-	-	-	-	8,752	40,861	37,774	22,732	5,982	3,043	132,089	-	-	-	-	-	-	-	-	-
S.G.O.	-	-	-	-	-	3,180	8,737	13,911	3,052	1,332	227	33,747	-	-	-	-	-	-	-	-	-
G.O.	-	-	-	-	-	1,214	292	1,018	483	62	-	4,156	-	-	-	-	-	-	-	-	-
Spotted:																					
G.M.	-	-	-	-	-	102	251	158	461	380	24	2,151	-	-	-	-	-	-	-	-	-
S.M.	-	-	-	-	-	983	5,152	4,201	2,995	1,699	491	22,521	-	-	-	-	-	-	-	-	-
M.	-	-	-	-	-	1,672	7,814	8,714	4,880	1,259	515	42,276	-	-	-	-	-	-	-	-	-
S.L.M.	-	-	-	-	-	1,080	7,135	6,493	3,670	636	24	26,724	-	-	-	-	-	-	-	-	-
L.M.	-	-	-	-	-	1,037	3,048	4,319	1,111	23	-	11,294	-	-	-	-	-	-	-	-	-
Tinged:																					
G.M.	-	-	-	-	-	20	287	138	69	11	-	956	-	-	-	-	-	-	-	-	-
S.M.	-	-	-	-	-	388	705	810	220	16	-	4,664	-	-	-	-	-	-	-	-	-
M.	-	-	-	-	-	380	2,035	1,692	752	26	-	6,680	-	-	-	-	-	-	-	-	-
S.L.M.	-	-	-	-	-	409	339	439	97	-	-	1,702	-	-	-	-	-	-	-	-	-
L.M.	-	-	-	-	-	13	-	-	-	-	-	206	-	-	-	-	-	-	-	-	-
Gray 1/2	-	-	-	-	-	986	5,753	2,872	2,936	759	114	14,665	-	-	-	-	-	-	-	-	-
Below Grade	-	-	-	-	-	45	38	106	-	-	-	1,025	-	-	-	-	-	-	-	-	-
All grades	-	-	-	-	-	60,812	281,287	237,306	284,059	129,446	118,778	1,236,810	2/	-	-	-	-	-	-	-	-
1/ Includes all grades.																					
2/ As reported by the Bureau of the Census.																					

Grade index 94.9
 Ave. staple length 33.1

Table 3. Grade and staple length of upland cotton in public storage and "Elsewhere" 1/
United States, August 1, 1950

Grade	13/16" & shorter		7/8"		29/32"		15/16"		31/32"		1"		1-1/32"		1-1/16"		1-3/32"		1-1/8" & longer		Total		
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales			
Extra White:																							
G.M.	-	-	-	-	-	5	19	1,058	4,204	6,297	12,421	24,004											
S.M.	-	-	1	40	104	1,136	54,020	100,997	58,950	57,505	272,754												
M.	11	122	106	361	654	7,632	77,451	90,965	44,312	30,737	252,351												
S.L.H.	33	283	199	1,174	2,634	10,652	23,235	25,980	11,533	4,171	79,894												
L.H.	41	404	51	1,403	1,326	3,802	3,346	3,040	906	227	14,546												
S.G.O.	24	99	20	321	264	518	891	172	223	4	2,536												
G.O.	17	99	5	174	111	230	274	69	-	-	1	980											
White:																							
S.G.M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
G.M.	17	201	372	1,798	1,217	2,022	2,267	2,323	2,352	1,369	13,958												
S.M.	612	4,657	10,169	22,628	14,551	27,337	53,417	98,984	55,451	26,480	314,736												
M.	1,555	28,641	41,065	75,524	55,229	164,571	353,324	590,511	311,626	73,338	1,695,384												
S.L.H.	8,148	50,692	66,625	109,704	201,237	415,303	479,743	229,498	229,498	41,889	1,672,098												
L.H.	1,327	9,236	10,352	25,330	22,489	85,570	129,484	95,498	26,705	1,635	407,626												
S.G.O.	655	2,612	1,653	3,632	2,135	4,284	3,257	900	171	50	19,349												
G.O.	98	1,136	662	704	402	895	274	45	1	7	4,224												
Spotted:																							
G.M.	663	2,590	2,533	2,678	815	1,060	2,297	2,319	1,605	402	16,962												
S.M.	5,330	38,537	33,923	40,463	16,109	29,237	53,252	20,072	5,080	1,922	223,925												
M.	23,428	64,771	49,763	50,745	19,935	42,537	43,840	36,161	8,944	1,027	341,151												
S.L.H.	2,175	10,517	6,907	9,170	4,579	8,404	7,417	3,427	628	119	53,343												
L.H.	661	1,444	1,318	1,972	636	2,923	1,599	381	28	11	10,973												
Tinged:																							
G.M.	10	75	28	53	20	34	14	5	1	-	240												
S.M.	790	2,031	441	1,104	590	1,453	1,326	147	14	2	7,898												
M.	1,422	2,366	228	2,659	594	1,155	930	250	16	2	9,622												
S.L.H.	1,387	1,315	258	1,331	248	1,115	334	66	12	-	6,066												
L.H.	241	539	7	495	143	332	40	-	-	-	1,797												
Stained 2/	84	41	10	93	7	26	10	-	-	-	271												
Gray 2/	503	1,661	2,078	5,656	4,336	11,517	13,346	13,422	3,936	439	56,894												
Below Grade	116	1,954	320	1,281	367	517	1	1	1	1	4,859												
All Grades	49,848	226,024	229,094	360,693	218,754	610,265	1,222,032	1,569,682	768,290	253,759	5,508,441												
1/ Includes cotton on farms and in other private storage, cotton in transit, cotton																							
on docks and on shipboard but not yet cleared, etc. 2/ Includes all grades																							
																				Grade index		96.3	
																				Ave. staple length		32.9	

Table 4. Grade and staple length of upland cotton in the supply 1/1, United States, 1949-50

Grade	13/16" & shorter	7/8"	29/32"	15/16"	31/32"	1"	1-1/32"	1-1/16"	1-3/32"	1-1/8" & longer	Total
Extra White	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales
G.M.	-	-	5	5	22	1,631	16,866	12,459	23,687	54,675	
S.M.	-	8	61	116	1,393	74,033	303,792	170,121	139,699	689,225	
M.	14	176	459	763	19,399	241,369	405,099	233,019	113,951	1,014,494	
S.L.M.	33	284	1,572	3,097	45,013	191,925	226,150	87,369	19,444	575,086	
L.M.	68	509	2,698	2,653	20,828	45,983	57,325	9,687	769	140,582	
S.G.O.	151	1,445	6,145	1,229	12,157	9,724	4,313	325	30	35,545	
G.O.	148	1,557	2,850	568	5,357	1,624	306	6	6	12,430	
White:											
S.G.M.	-	-	31	31	-	7	6	16	73	155	
G.M.	48	336	1,645	5,696	2,980	4,036	4,152	3,579	1,850	35,125	
S.M.	2,433	13,153	39,934	75,524	84,728	123,230	194,474	152,968	75,905	900,594	
M.	17,921	125,572	197,309	260,873	516,465	1,185,852	1,667,957	756,934	196,330	5,294,483	
S.L.M.	70,256	327,734	321,652	304,463	687,258	1,606,502	1,683,409	528,127	83,425	6,062,672	
L.M.	57,810	163,792	148,940	150,209	404,126	535,993	309,905	62,658	6,274	2,059,677	
S.G.O.	12,603	23,787	20,233	33,873	95,293	95,493	31,700	2,674	909	360,715	
G.O.	2,123	2,606	1,854	3,327	15,886	7,443	2,423	141	150	42,528	
Spotted:											
G.M.	2,652	7,185	7,571	6,867	3,091	4,547	5,988	8,532	3,345	62,258	
S.M.	40,651	176,505	140,602	64,084	81,249	153,117	87,823	23,818	7,975	917,049	
M.	215,864	413,655	170,778	58,919	136,973	209,591	128,714	20,975	3,190	1,482,634	
S.L.M.	134,173	150,240	41,450	23,779	69,956	78,045	34,131	4,284	779	583,216	
L.M.	21,024	22,938	4,955	11,025	37,462	37,688	11,472	331	87	178,328	
Tinged:											
G.M.	26	103	72	89	151	119	84	12	1	705	
S.M.	3,850	3,143	904	1,520	1,976	2,103	898	70	3	15,438	
M.	25,705	13,273	1,965	3,899	5,800	3,190	1,356	62	13	57,217	
S.L.M.	19,279	5,819	708	4,530	6,059	4,419	949	62	1	43,944	
L.M.	2,980	3,809	388	11,790	4,728	2,020	376	16	-	28,352	
Stained 2/	656	576	63	145	97	76	54	-	-	1,724	
Gray 2/	3,821	16,657	32,087	49,397	70,350	139,385	89,932	14,240	1,289	448,648	
Below Grade:	3,054	5,431	428	5,863	5,074	1,647	245	23	12	22,847	
All grades:	637,343	480,362	1,134,033	1,685,287	2,333,871	4,760,792	5,269,899	2,092,508	679,197	21,120,346	
1/1949 carry-over plus 1949-50 crop:											
2/											

Grade index 94.6
 Average staple length 32.3
 United States Department of Agriculture, Production and Marketing Administration, Cotton Branch.

Table 5. Supply and distribution of upland cotton, United States, 1949-50.

Grade and staple length	Supply			Distribution 1/		Carry-over as percent of Disappearance
	Carry-over 1949	Production 1949	Total 1949-50	Disappearance 2/	Carry-over 1950	
Upland	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	Percent
S. M. & higher 3/						
29/32" & shorter	15	60	75	50	25	50
15/16" - 1"	97	244	341	245	96	39
1-1/32" - 1-3/32"	485	595	1,080	554	526	95
1-1/8" & longer	117	128	245	112	133	119
Total	714	1,027	1,741	961	780	81
Middling 3/						
29/32" & shorter	49	651	700	530	170	32
15/16" - 1"	347	1,109	1,456	959	497	52
1-1/32" - 1-3/32"	1,596	3,160	4,756	2,964	1,792	60
1-1/8" & longer	116	202	318	152	166	109
Total	2,108	5,122	7,230	4,605	2,625	57
Strict Low Middling 3/						
29/32" & shorter	41	1,500	1,541	1,249	292	23
15/16" - 1"	314	1,536	1,850	1,204	646	54
1-1/32" - 1-3/32"	1,186	3,551	4,737	3,222	1,515	47
1-1/8" & longer	47	59	106	38	68	179
Total	1,588	6,646	8,234	5,713	2,521	44
Low Middling & lower 3/						
29/32" & shorter	40	896	936	857	79	9
15/16" - 1"	329	1,091	1,420	1,108	312	28
1-1/32" - 1-3/32"	434	1,118	1,550	1,128	422	37
1-1/8" & longer	3	7	10	4	6	150
Total	806	3,110	3,916	3,097	819	26
All grades						
29/32" & shorter	145	3,107	3,252	2,686	566	21
15/16" - 1"	1,087	3,980	5,067	3,516	1,551	44
1-1/32" - 1-3/32"	3,701	8,422	12,123	7,868	4,255	54
1-1/8" & longer	283	396	679	306	373	122
Total	5,216	15,905	21,121	14,376	6,745	47
American-Egyptian	1.9	3.9	5.8	3.0	2.8	93

1/ Preliminary.

2/ Supply minus 1950 carry-over, includes domestic consumption and exports of upland cotton.

3/ Includes White and Extra White and in addition the grades of colored cotton of approximately equivalent value. Strict Middling and higher includes Good Middling Spotted; Middling includes Strict Middling Spotted, Good Middling Tinged and Good Middling Gray; Strict Low Middling includes Middling Spotted, Strict Middling Tinged, Good Middling Yellow Stained, and Strict Middling Gray; Low Middling and lower includes all other grades below those specified.

Table 6. Grade and staple length of American-Egyptian cotton in the carry-over, United States, August 1, 1950.

Grade	1-3/8" & shorter	1-7/16" & 1-15/32"	1-1/2" & 1-17/32"	1-9/16" & longer	Total
	Bales	Bales	Bales	Bales	Bales
1	-	-	39	-	39
1 1/2	-	15	62	-	77
2	108	108	850	-	1,066
2 1/2	-	-	1,128	-	1,128
3	-	-	-	-	-
3 1/2	-	31	-	-	31
4	-	-	-	-	-
4 1/2	-	31	-	-	31
5	-	31	294	-	325
Below Grade	-	62	-	-	62
Total	108	278	2,373	-	2,759 1/2
Percent	3.9	10.1	86.0	-	100.0

	Percent	Percent	Percent	Percent	Percent
1	-	-	1.6	-	1.4
1 1/2	-	5.4	2.6	-	2.8
2	100.0	38.7	35.8	-	38.7
2 1/2	-	-	47.6	-	40.9
3	-	-	-	-	-
3 1/2	-	11.2	-	-	1.1
4	-	-	-	-	-
4 1/2	-	11.2	-	-	1.1
5	-	11.2	12.4	-	11.8
Below Grade	-	22.3	-	-	2.2
Total	100.0	100.0	100.0	-	100.0

1/2 As reported by the Bureau of the Census.

United States Department of Agriculture, Production and Marketing Administration, Cotton Branch.

Table 7. - Staple length of cotton of foreign growth 1/ in the carry-over August 1, 1945-50

Growth and length (inches)	1945	1946	1947	1948	1949	1950
	Bales <u>2/</u>	Bales <u>2/</u>	Bales <u>2/</u>	Bales <u>2/</u>	Bales <u>2/</u>	Bales <u>2/</u>
Egyptian:						
1-3/32 and shorter	-	-	-	-	-	-
1-1/8 and 1-5/32	253	246	-	180	-	-
1-3/16 and 1-7/32	2,691	734	13	-	353	346
1-1/4 to 1-11/32	35,256	10,741	3,084	719	5,495	11,080
1-3/8 to 1-15/32	11,050	16,241	34,540	12,055	35,418	34,257
1-1/2 to 1-19/32	9,687	11,979	16,848	19,187	912	11,779
1-5/8 to 1-23/32	-	-	3	1,430	-	1,035
1-3/4 and longer	-	128	-	-	-	-
All lengths <u>3/</u>	58,937	40,069	54,488	33,571	42,178	58,497
Peruvian:						
31/32 and shorter	-	-	-	171	-	-
1 and 1-1/32	-	-	-	-	-	-
1-1/16 and 1-3/32	-	-	237	-	147	-
1-1/8 and 1-5/32	-	420	927	-	16	-
1-3/16 and 1-7/32	199	385	630	122	23	-
1-1/4 and longer	3,386	5,583	12,716	7,128	863	3,161
All lengths <u>3/</u>	3,585	6,388	14,510	7,421	1,049	3,161
Chinese:						
13/16 and shorter	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
All lengths <u>3/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Indian:						
13/16 and shorter	47,006	101,729	60,797	46,425	23,699	32,985
All lengths <u>3/</u>	47,006	101,729	60,797	46,425	23,699	32,985
Other Foreign:						
13/16 and shorter	731	484	172	514	531	50
7/8 and 29/32	-	164	49	29	-	-
15/16 and 31/32	-	1,669	416	42	-	-
1 and 1-1/32	10,402	2,246	970	98	-	1,924
1-1/16 and 1-3/32	-	64	92	-	-	957
1-1/8 and 1-5/32	-	-	-	-	10	-
1-3/16 and 1-7/32	-	-	-	-	-	-
1-1/4 and longer	4,719	2,006	2,917	1,629	2,166	552
All lengths <u>3/</u>	15,852	6,633	4,616	2,312	2,707	3,483
All Foreign <u>3/</u>	125,380	154,819	134,411	89,729	69,633	98,126

1/ Includes American sea island cotton.

2/ Quantities are in equivalent 500-pound bales.

3/ As reported to the Bureau of the Census.

4/ Included in "other foreign".

United States Department of Agriculture, Production and Marketing Administration, Cotton Branch.