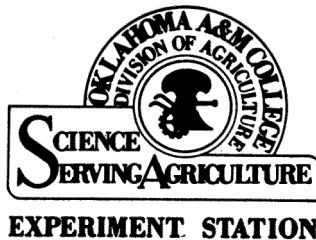


1956 COTTON VARIETY TEST RESULTS

by

John M. Green, E. S. Oswald, N. E. Justus and J. W. Simmons

AGRONOMY DEPARTMENT



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Cotton variety tests for 1956 are reported under 3 headings: stripper-harvested tests, hand-harvested irrigated tests, and hand-harvested dry-land tests. All tests were replicated. Stripper tests consisted of 4 row plots 100 feet long, the two center rows being harvested with a 2-row John Deere stripper. Bulk samples of each variety were taken to the laboratory for determining lint % and staple. Other information on stripper tests is in table 1.

Lint per cent was not determined on all hand-harvested tests. Variety samples were saved from Madill, Chickasha, and Tipton dry-land tests, and from the Altus and Bryan County irrigated tests. Lint yields at other locations were calculated using turnout figures from the above locations. Staple lengths are reported only for the locations where bulk variety samples were saved. The cost of conducting the tests was reduced considerably by the reduction in laboratory work.

Care should be taken in interpreting short-term variety comparisons. Irrigation practices varied considerably among the irrigated tests, and table 7 should be referred to when the 1956 irrigated test results are considered. More attention should be given to the average results at each location, and the most confidence should be placed in results with varieties tested 3 or more years. Average results have been adjusted for seasonal effects when varieties have been tested for different numbers of years at a location.

It is a pleasure to acknowledge the assistance of the following cooperators:
Galen Briggs, Davidson; Dale McClain, Elk City; Bryan Gentry, Hobart; Leroy Bridge,
Hollis; J. W. Haynie, Tipton; Carol Smith, Sickles; W. B. Allen & Sons, Kemp; Samuel
Roberts Noble Foundation, Ardmore; and E. L. Cude, Webbers Falls.

TABLE 1. Location, soil type, and other information on the 1956
stripper-harvested tests.

<u>Nearest Town</u>	<u>Soil Type*</u>	<u>Planted</u>	<u>Harvested</u>	<u>Other</u>
Altus	Foard clay loam.	May 8	Nov. 21	Irrigated 267# 15-15-0 per A, 9 insecticides sprays
Davidson	Enterprise very fine sandy loam.	May 18	Oct. 10	3 insecticide sprays. Desiccated on Oct. 1.
Elk City	Dill fine sandy loam.	June 8	Nov. 16	
Chickasha	Silty clay loam.	May 11	Oct. 9	Desiccated on Sept. 25.
Hobart	Reinach very fine sandy loam.	June 6	Nov. 1	Desiccated on Oct. 25.

*Soil classification by H. M. Galloway, SCS Soil Surveyor.

ALTUS

TABLE 2. 1956 and average data on varieties tested in stripper-harvested tests at Altus.

Variety	Net yield Lint per A.	Staple in 32's	Lint %	Losses in %	
				Pre-Harvest	Harvest
Paymaster 101	816	30	27.5	3.9	10.5
Parrott	810	31	28.1	8.3	4.3
Lockett 88	803	29	28.7	2.9	3.2
Lockett No. 1	762	31	28.7	5.8	6.3
Western Stormproof	760	30	29.3	2.9	7.4
Wacona	758	29	26.1	4.6	5.3
Northern Star No. 11	754	30	26.0	6.8	7.9
CR-4	740	29	27.8	1.5	5.3
Northern Star No. 5	647	28	24.1	8.1	5.8
Lankart 611	612	30	23.1	1.5	6.5
Lankart 57	596	31	24.8	1.7	8.8
Paymaster 54-B	487	28	23.3	30.2	8.7

Average Results

	<u>Years tested</u>				
Western Stormproof	3	973	30.2	0.7	5.8
Parrott	4	927	28.0	3.2	5.6
CR-4	3	889	27.6	0.4	6.1
Lockett No. 1	4	888	27.6	2.4	8.5
Northern Star	4	879	25.8	2.2	7.1
Wacona	3	849	25.7	1.3	6.9
Lankart 57	4	846	26.1	0.6	7.6
Lankart 611	4	765	25.5	0.5	6.7

DAVIDSON

TABLE 3. 1956 and average data on varieties tested in stripper tests at Davidson.

Variety	Harvested Lint per A.	Staple in 32's	Lint %	Losses in %	
				Pre-Harvest	Harvest
Northern Star No. 11	183	28	21.6	0.5	1.7
Parrott	176	26	25.1	0.7	2.3
Lockett No. 1	176	26	25.0	0.4	2.9
Northern Star No. 5	175	28	23.9	0.4	3.0
Lockett 88	173	28	23.8	0.1	1.8
Western Stormproof	170	26	25.6	0.2	4.1
CR-4	165	28	23.3	0.2	2.8
Lankart 57	164	28	21.6	0.0	3.1
Lankart 611	155	29	22.6	0.2	2.9
Wacona	141	28	22.2	0.1	3.6
Paymaster 101	128	28	20.1	0.7	6.4

Average Results

	Years tested				
Parrott	4	270	26.8	1.7	7.8
Western Stormproof	2	261	27.3	1.0	9.9
Northern Star	4	258	24.4	1.6	8.6
Lockett No. 1	4	253	25.7	1.7	8.2
Lankart 611	4	248	24.2	1.0	8.0
CR-4	2	242	25.5	0.7	9.9
Lankart 57	4	233	23.9	0.7	10.1
Wacona	2	229	23.7	1.3	9.5

ELK CITY

TABLE 4. 1956 and average date on varieties tested in stripper-harvested tests at Elk City.

Variety	Net yield per A.	Staple in 32's	Lint %	Lint loss / Acre	
				Pre-Harvest	Harvest
Lockett 88	284	28	27.3	3.9	3.0
CR-4	276	30	27.5	2.1	2.1
Western Stormproof	256	28	28.5	3.0	2.3
Lankart 57	239	31	27.4	3.9	2.7
Paymaster 101	232	30	27.1	6.7	3.9
Lankart 611	230	31	25.6	2.6	2.6
Wacona	222	31	25.4	5.4	2.9
Northern Star No. 11	214	29	24.6	8.7	3.7
Parrott	205	28	26.6	10.1	3.8
Lockett No. 1	200	31	26.4	7.7	2.7
Northern Star No. 5	199	30	25.8	6.3	3.4

Average Results

	Years tested				
Western Stormproof	3	263	29.3	4.1	3.3
CR-4	3	263	28.1	4.4	3.0
Parrott	5	257	27.9	6.6	4.9
Lankart 611	5	251	26.0	4.0	2.6
Lockett No. 1	5	242	26.7	5.2	3.9
Lankart 57	5	237	28.6	5.0	3.7
Wacona	3	237	26.0	5.3	3.3
Northern Star	5	225	26.0	9.2	4.7

CHICKASHA

TABLE 5. 1956 and average data on varieties compared in a stripper-harvested test at Chickasha.

Variety	Harvested Lint per A.	Staple in 32's	Lint %	Losses in %	
				Pre-Harvest	Harvest
Parrott	189*	29	23.7	2.1	2.7
Stormrider	175	28	19.2	1.3	2.4
Lankart 611	167	30	22.7	0.5	3.9
Northern Star No. 11	154	28	23.2	1.6	2.9
Northern Star No. 5	151	29	22.3	2.4	3.1
Western Stormproof	149	28	21.9	2.3	3.1
Harper's R-4	148	29	20.9	1.5	3.1
Lockett 88	148	28	23.4	1.6	2.7
Lankart 57	146	29	20.8	0.8	3.0
CR-4	143	28	23.7	0.5	2.7
Lockett No. 1	136	28	22.8	2.1	2.8
Wacona	130	29	18.2	1.8	3.4
Paymaster 101	125	28	20.5	2.6	5.2
Watson's Stormproof	107	29	17.7	1.0	1.4
C. A. 119	102	29	19.1	1.1	2.4

* Yields included under the same line do not differ significantly.

3-Year Average Results

CR-4	372	27.1	0.8	3.7
Western Stormproof	362	26.7	2.5	3.3
Northern Star	362	25.5	3.0	4.3
Lankart 611	357	25.8	1.1	2.7
Lockett No. 1	356	26.3	3.7	3.5
Parrott	355	26.8	3.4	3.5

HOBART

TABLE 6. 1956 and average data on varieties in a stripper-harvested test at Hobart.

<u>Variety</u>	<u>Net yield Lint per A.</u>	<u>Staple in 32's</u>	<u>Lint %</u>	<u>Losses in %</u>	
				<u>Pre-Harvest</u>	<u>Harvest</u>
Lockett 88	322	30	27.6	0.8	0.7
Lockett No. 1	295	29	26.5	2.1	0.7
Lankart 57	288	29	27.7	1.9	0.9
Parrott	275	29	26.2	5.2	1.2
CR-4	269	28	27.6	0.6	1.5
Western Stormproof	267	28	28.2	1.3	0.7
Lankart 611	259	28	26.0	2.4	1.1
Wacona	249	28	25.5	4.7	1.0
Northern Star No. 5	242	28	25.0	6.1	1.6
Northern Star No. 11	238	30	24.6	7.8	1.5
Paymaster 101	183	29	24.5	5.9	2.8

Average Results

	<u>Years tested</u>				
Parrott	4	244	25.5	4.8	7.0
Lockett No. 1	4	238	24.6	3.1	4.7
Lankart 57	4	237	26.7	1.4	2.4
Western Stormproof	2	225	27.1	0.7	4.6
CR-4	2	211	26.7	0.0	6.2
Northern Star	4	209	23.2	5.0	5.8
Lankart 611	4	199	24.3	1.5	4.8
Wacona	2	199	23.7	2.6	4.7

TABLE 7. Location, soil type, and other information on hand harvested tests grown under irrigation in 1956.

<u>Nearest Town</u>	<u>Soil Type</u>	<u>Planted</u>	<u>Harvested</u>	<u>Irrigation</u>	<u>Other</u>
Altus	Foard clay loam.	May 8	Sept. 20 Nov. 21	6 times 21" total	267# 15-15-0/A.
Hollis	Abilene silt loam.	June 12	Oct. 12 Nov. 23	1 pre-Planting 4 times Approx. 15" total	200# 12-24-12
Tipton	Tipton loam.	May 9	Oct. 23 Nov. 27	5 times 15" total	5 insecticide spray. Hail on June 23
Sickles	Vanoss loam.	May 17	Sept. 21 Oct. 16 Nov. 29	Pre-planting 8" 1 time, 4"	Followed Rye & Vetch fertilized with 100# 10-30-10 50# 10-30-10 2 Sprays.
Chickasha	Reinach Silt Loam.	April 27	Sept. 5 Nov. 3 Nov. 24	5 times 15" total	7 Dusts
Bryan County, Red River Bottom		May 9	Sept. 5 Oct. 1	5 times 4-6" per time.	120# Ammonia 150# Super Phos. 12 Dusts

ALTUS

TABLE 8. Data on varieties tested at Altus in 1956 and average data on varieties tested from 1952 through 1956.

Variety	Yield Lint/A.	Staple in 32's	Lint %		Grams per Boll	% 1st Harvest
			Picked	Pulled		
Parrott	761	31	38.4	28.8	5.8	56.9
Western Stormproof	746	28	38.2	29.4	5.8	56.5
Lockett 88	731	30	36.7	27.9	6.1	49.9
Acala 44	729	31	38.2	28.1	6.4	64.4
Lockett No. 1	728	30	36.9	27.5	5.4	48.2
D & PL Fox	685	32	36.1	25.9	5.5	61.8
Stoneville 62	679	32	36.7	27.1	5.7	67.5
Paymaster 54-B	677	31	40.0	29.9	6.0	71.0
Deltapine 15	676	32	37.7	27.5	5.0	52.5
CR-4	658	30	38.6	28.8	5.2	55.8
Stormmaster	651	31	34.8	26.5	5.3	60.2
Webb 3-41	639	31	38.2	28.0	6.8	47.7
Hi Bred	632	28	38.5	29.0	5.9	67.5
Empire	628	32	35.7	25.3	6.1	58.0
Lankart 57	625	31	37.7	27.3	6.3	54.3
Northern Star No. 11	622	31	35.8	26.4	5.9	57.5
Cluster	607	31	37.4	27.3	6.0	52.6
Deltapine Staple	578	31	35.2	25.0	5.1	56.6
Lankart 611	563	32	37.0	26.8	6.6	59.4
Acala 4-42	559	33	39.1	27.9	5.9	59.5
Acala 1517-C	540	34	33.6	24.1	5.5	61.5
L.S.D. (5%)	93					

Variety	Yield	Years tested		Average Results		Grams per Boll	% 1st Harvest
		3	30	Picked	Pulled		
Western Stormproof	868	3	30	39.7	30.3	6.8	63.8
Paymaster 54	864	4	30	38.7	28.8	6.8	70.6
Lockett #1	836	4	30	38.1	28.3	6.2	55.8
D & PL Fox	831	4	33	35.4	25.8	5.9	62.7
Deltapine 15	828	4	33	38.3	27.4	6.0	57.5
Hi Bred	818	3	28	39.6	30.2	6.8	71.3
Stoneville 62	807	4	32	37.0	27.6	6.2	64.6
CR-4	799	3	30	38.6	28.3	5.8	54.9
Parrott	764	4	31	38.9	28.3	6.7	61.7
Stormmaster	762	4	31	36.3	26.0	6.1	62.7
Lankart 57	761	4	31	37.7	26.8	8.0	53.8
Northern Star	761	4	32	35.8	26.5	6.9	59.0
Acala 1517	755	3	34	34.6	25.0	6.7	58.8
Lankart 611	741	4	32	36.8	26.5	7.7	61.5
Acala 4-42	712	2	33	38.8	27.2	7.0	60.1
Empire	681	4	33	35.5	25.2	7.3	54.8
Cluster	673	3	31	38.0	27.4	6.4	48.1

HOLLIS

TABLE 9. 1956 and average data on varieties tested under irrigation at Hollis.

<u>Variety</u>	<u>Yield Lint per A.</u>	<u>Staple in 32's</u>	<u>Grams per Boll</u>	<u>% Harvested 1st Harvest</u>
Paymaster 54-B	917		6.1	65.5
Lankart 57	874		7.5	48.0
D & PL Fox	863		5.5	61.4
Empire	822		6.7	60.1
Stoneville 62	818		5.3	63.6
Deltapine 15	811		5.9	46.6
Hi Bred	806		5.8	50.2
Northern Star No. 11	796		6.3	51.8
Lockett 58	793		5.6	45.0
Lankart 611	786		6.9	57.0
Parrott	744		6.3	45.2
Lockett No. 1	722		6.1	43.9
Cluster	689		6.1	39.5
Stormmaster	665		5.3	38.7
Western Stormproof	630		6.7	36.2
Acala 1517-C	599		6.9	36.1
Acala 44	594		6.5	35.6
Acala 4-42	504		7.7	30.7

Average Results

	<u>Years tested</u>		<u>(2 Year Average)</u>		
Lankart 57	3	781	31	8.5	44.2
Hi Bred	3	777	29	6.6	51.7
Lankart 611	3	772	32	8.1	58.6
Stoneville 62	3	753	32	6.5	53.0
Deltapine 15	3	739	33	6.2	47.5
D & PL Fox	3	739	32	5.7	53.8
Empire	3	731	32	7.5	52.7
Parrott	3	681	30	6.8	43.7
Cluster	3	639	29	6.7	34.2
Acala 1517	3	637	34	7.6	37.6
Lockett #1	3	633	29	6.5	36.8
Stormmaster	3	605	32	6.4	40.0

TIPTON

TABLE 10. 1956 and 2 year average data on varieties tested under irrigation at Tipton.

<u>Variety</u>	<u>Lbs. Lint per A.</u>	<u>Grams per Boll</u>	<u>% Harvested 1st Harvest</u>
Paymaster 54-B	933	6.5	59.9
Lockett No. 1	923	5.3	45.5
Deltapine 15	920	5.7	40.2
Hi Bred	903	6.3	57.4
D & PL Fox	858	5.5	62.7
Lankart 611	831	6.6	55.2
Lankart 57	816	7.6	48.6
Parrott	810	5.0	41.8
Stoneville 62	793	6.2	52.4
Empire	764	6.9	52.9
Western Stormproof	760	6.4	33.0
Stormmaster	731	5.7	42.2
Cluster	723	5.9	50.9
Acala 44	721	6.9	44.4
Lockett 88	712	5.6	44.2
Acala 1517-C	698	5.0	42.3
Northern Star No. 11	694	6.1	52.5
Acala 4-42	676	6.5	38.0

2-Year Average Results

Paymaster 54-B	651	6.7
Hi Bred	569	6.9
Deltapine 15	551	5.8
D & PL Fox	523	5.9
Lockett No. 1	519	5.6
Lankart 611	518	7.2
Western Stormproof	513	6.6
Parrott	508	5.7
Lankart 57	479	8.0
Stoneville 62	475	6.3
Acala 1517	443	6.0
Acala 4-42	441	7.3
Stormmaster	430	5.9
Empire	418	7.4
Cluster	405	5.9

SICKLES

TABLE 11. 1956 and average data on varieties tested under irrigation at Sickles.

<u>Variety</u>	<u>Yield of Lint per A.</u>	<u>Grams per Boll</u>	<u>% 1st Harvest</u>
Lankart 611	557	5.2	59.8
Cluster	520	5.1	53.4
Lockett 88	517	4.4	70.9
Paymaster 54-B	516	5.1	67.5
Parrott	491	5.2	78.2
Lankart 57	489	5.6	64.1
Stoneville 62	482	4.3	63.4
Hi Bred	482	4.8	64.6
Northern Star No. 11	468	4.7	49.3
Western Stormproof	462	5.3	59.2
Stormmaster	454	5.2	58.8
D & PL Fox	443	3.7	67.3
Acala 44	432	5.7	53.8
Deltapine 15	422	4.4	78.6
Empire W.R.	411	4.9	62.4
Acala 4-42	409	5.4	56.6
Lockett No. 1	404	4.2	66.2
Acala 1517-C	393	4.9	55.0

2-Year Averages

Paymaster 54	494	6.1	58.6
Lankart 611	428	7.1	53.7
Hi Bred	422	6.3	56.8
Stoneville 62	421	5.6	52.1
Parrott	377	6.1	64.4
Cluster	360	6.2	44.4
Deltapine 15	357	5.4	57.9
Lankart 57	355	7.1	48.0
Western Stormproof	345	6.2	50.8
D & PL Fox	343	4.8	52.2
Northern Star	341	6.4	41.3
Acala 1517	336	6.2	48.2
Stormmaster	326	5.8	51.6
Acala 4-42	317	6.6	50.3
Lockett No. 1	314	5.7	62.1
Empire	302	6.4	55.0

CHICKASHA

TABLE 12. 1956 and average data on 20 varieties tested under irrigation at Chickasha.

<u>Variety</u>	<u>Lbs. Lint per A.</u>	<u>% Harvested 1st Harvest</u>
Paymaster 54-B	728	57.8
Lankart 57	675	45.4
Hi Bred	667	53.8
Stoneville 62	657	53.5
Pope	647	52.3
Parrott	620	41.6
Empire	620	41.1
Lankart 611	611	42.8
Western Stormproof	592	34.8
Cluster	591	49.9
D & PL Fox	585	47.1
Lockett No. 1	585	29.3
Stormmaster	583	34.3
Lockett 88	577	38.3
Deltapine 15	567	36.7
Northern Star No. 11	555	42.9
Acala 44	517	34.8
Acala 4-42	513	45.0
Webb 3-41	506	39.7
Acala 1517-C	476	38.1
2 Year Average		
Paymaster 54-B	800	48.1
Stoneville 62	787	45.8
Hi Bred	775	44.2
Lankart 57	768	36.1
Empire	755	36.1
Cluster	744	35.7
Deltapine 15	740	30.5
D & PL Fox	737	41.0
Lankart 611	732	39.7
Parrott	712	33.5
Northern Star No. 11	706	38.9
Stormmaster	704	26.8
Lockett No. 1	702	29.8
Acala 4-42	666	33.5
Acala 1517	657	32.8
Western Stormproof	633	24.0

TABLE 13. 1956 data on 7 varieties tested under irrigation in the Red River bottom in Bryan county.

<u>Variety</u>	<u>Yield Lint* per A.</u>	<u>Staple in 32's</u>	<u>Lint % picked</u>	<u>% Harvested 1st Harvest</u>
Deltapine 15	1302**	34	38.0	34.0
Stoneville 62	1278	33	36.0	51.6
D & PL Fox	1265	33	36.4	35.3
Acala 44	1156	34	36.6	42.4
Acala 1517-C	1151	35	34.9	35.9
Acala 4-42	1114	34	37.2	41.9
Empire	1073	34	33.3	37.1

*The authors believe there should have been a third harvest on this test, since the second harvest preceded frost by more than one month. Yields reported are for the first two harvests only. The final harvest was bulked.

**Yields included under the same line do not differ significantly.

TABLE 14. Location, soil types, and other information concerning hand-harvested dry land tests in 1956.

<u>Nearest town</u>	<u>Soil type</u>	<u>Planted</u>	<u>Other</u>
Madill		May 10	100# 10-20-0 3 Sprays
Lone Grove	Deep sand, deep plowed	May 11	160# 5-10-5 Vetch cover crop
Webber Falls	Reinach silt loam	May 8	300# 3-9-18 125# Ammonium Nitrate 6 Sprays
Chickasha	Reinach silt loam	May 11	
Tipton	Tipton silt loam	May 21	140# 10-20-10

MADILL

TABLE 15. Data on varieties tested at Madill in 1956 and average data for 3 years.

Variety	Lbs. Lint per A.	Staple in 32's	Lint %		Percent 1st Harvest
			Picked	Pulled	
Lankart 57	211*	29	37.9	26.9	67.8
Parrott	196	28	38.7	28.3	71.3
Western Stormproof	191	28	39.6	29.2	66.0
Stoneville 62	186	30	35.3	25.1	82.4
Lankart 611	181	30	37.2	26.2	72.4
Hi Bred	172	28	37.7	27.5	83.5
Deltapine 15	164	31	36.1	24.6	65.6
Pope	144	28	35.2	23.8	83.7
Empire	142	30	34.8	23.9	78.3
Acala 1517	133	33	33.5	22.5	61.4
D & PL Fox	127	30	33.9	23.1	81.3
Acala 44	112	31	37.1	25.5	58.9

3 - Year Averages

Parrott	258	29	39.7	28.5	78.6
Lankart 611	251	30	37.8	26.6	83.2
Lankart 57	247	29	38.9	26.7	73.3
Stoneville 62	232	30	36.9	25.8	87.6
Hi Bred	231	28	39.0	27.9	86.0
D & PL Fox	215	31	35.2	24.0	88.8
Empire	215	31	35.7	24.7	82.5
Deltapine 15	204	31	37.7	23.8	73.1

* Yields bracketed by the same line do not differ significantly at the 1% level of probability.

TABLE 16. Data on varieties tested at Lone Grove in 1956 and average data for 2 years.

<u>Variety</u>	<u>Lbs. Lint per A.</u>	<u>Staple in 32's</u>	<u>% 1st Harvest</u>
Parrott	263*	28	94.1
Hi Bred	239	26	94.6
Pope	223	28	91.6
Empire	218	29	89.5
Deltapine 15	214	28	83.2
Lankart 611	214	28	92.2
Lankart 57	212	28	85.8
Stoneville 62	204	29	93.5
D & PL Fox	199	29	91.3
Western Stormproof	191	26	80.8
Acala 1517	178	29	84.0
Acala 44	172	30	88.8

2 - Year Averages

Hi Bred	287	26	93.8
Parrott	284	29	93.1
Stoneville 62	256	29	90.9
Deltapine 15	233	30	82.7
Lankart 611	229	29	90.0
D & PL Fox	228	31	89.4
Empire	228	30	89.4
Lankart 57	222	29	80.2
Western Stormproof	167	27	78.9

*Yields bracketed by the same line do not differ at the 1% level of probability.

WEBBER FALLS

TABLE 17. Four year average data and data for 1956 on yield and earliness of varieties tested at Webber Falls.

<u>Variety</u>	<u>Yield of Lint per A.</u>		<u>% Harvested 1st Harvest</u>	
	<u>1956*</u>	<u>4-Year Average</u>	<u>1956</u>	<u>4-Year Average</u>
Parrott	261	613	81.3	54.6
Hi Bred	272	595	81.2	64.2
Deltapine 15	236	592	70.9	45.9
Lankart 57	243	569	83.9	51.1
D & PL Fox	209	557	83.7	61.7
Stoneville 62	242	544	80.1	62.7
Empire	215	534	77.7	61.0
Lankart 611	221	505	81.5	59.0
Western Stormproof	258		85.8	
Pope	251		81.9	
Acala 44	223		82.1	
Acala 1517	209		70.4	

*There were no significant differences in yield among varieties.

CHICKASHA

TABLE 18. 1956 and average data on varieties tested on dry land at Chickasha.

Variety	Yield of Lint / A.	Staple in 32's	Lint %		Grams per Boll	% lnt Harvest
			Picked	Pulled		
Pope	* 175	32	33.7	22.0	3.3	70.2
Stoneville 62	144	31	31.0	19.8	3.5	69.8
Lankart 611	140	31	32.6	20.7	3.8	76.1
Cluster	135	28	36.5	24.5	3.9	54.0
Parrott	130	31	33.7	21.4	4.4	77.1
Hi Bred	127	30	33.7	22.6	4.0	70.7
Paymaster 54-B	119	30	33.0	20.7	4.5	85.4
Lockett No. 1	118	30	29.4	21.6	3.3	62.0
Lankart 57	111	30	31.0	19.0	3.6	73.6
D & PL Fox	107	31	31.2	19.7	3.4	53.0
Empire	105	31	28.6	17.9	3.9	74.9
Deltapine 15	96	31	32.8	20.3	4.2	46.6
Northern Star No. 11	88	31	29.1	18.7	3.5	76.7
Dunn No. 7	87	31	31.1	19.9	3.9	55.7
Blightmaster	86	31	30.1	19.1	3.8	57.1
Webb 3-41	80	31	35.2	22.2	3.6	55.3

*Yields bracketed by the same line do not differ significantly.

	Years tested	Average Results					
		Yield	Staple	Lint %	Grams	% lnt	
Parrott	4	392	29	38.7	26.7	5.9	70.2
Stoneville 62	5	379	29	35.1	24.1	5.4	68.0
Lockett No. 1	4	375	28	34.5	25.4	5.4	60.9
Empire	5	368	30	33.9	22.8	6.1	63.4
Hi Bred	4	364	28	37.6	26.9	5.8	71.7
D & PL Fox	5	362	31	35.3	24.2	4.9	62.7
Paymaster 54	5	351	29	36.3	24.6	5.9	72.5
Deltapine 15	5	350	31	36.9	24.8	5.3	50.4
Lankart 57	5	346	30	36.6	23.8	6.3	60.3
Lankart 611	4	343	30	36.1	24.5	6.3	66.9
Northern Star	5	328	30	33.8	23.6	5.7	63.2

TIPTON

TABLE 19. 1956 and average data on varieties tested on dry land at Tipton.

Variety	Lbs. Lint per A.	Staple in 32's	Lint %		Grams per Boll	% 1st Harvest
			Picked	Pulled		
Lockett No. 1	161	26	35.5	26.0	3.7	
Lockett 88	152	26	35.4	26.1	3.7	
Lockett 140	150	27	36.0	26.4	4.4	
Cluster	150	28	36.2	27.3	4.2	
CR-4	145	28	34.4	24.8	3.3	
Parrott	138	27	36.7	26.2	4.1	
Northern Star No. 5	132	27	32.6	23.6	4.0	
Paymaster 54-B	131	26	34.3	24.3	4.1	
Lankart 611	129	26	34.1	24.1	4.2	
Northern Star No. 11	127	28	33.4	24.3	4.2	
Lankart 57	126	28	35.5	24.8	4.7	
Blightmaster	123	29	32.2	23.1	3.3	
Hi Bred	122	26	35.7	26.6	4.1	
Webb 3-41	120	31	35.8	25.3	4.4	
G. A. 119	117	28	32.7	23.1	3.7	
Watson's Stormproof	116	30	31.6	22.7	3.4	
L. S. D. (5%)						

Average Results

	Years tested						
Parrott	5	186	28	38.0	26.9	5.1	80.1
Lockett 140	5	176	27	35.6	26.6	4.6	72.3
Lankart 611	5	175	28	36.4	25.2	5.4	83.0
Lockett No. 1	5	174	27	35.8	25.8	4.3	73.6
Hi Bred	4	168	27	37.1	27.3	4.8	81.6
Lankart 57	5	163	29	37.1	25.7	5.3	75.8
Paymaster 54	5	159	28	36.2	25.1	4.9	90.1
Northern Star	5	151	30	33.9	25.0	5.1	79.3