1995 National Cotton Variety Test

Cotton Physiology & Genetics Research Unit
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National Cotton Variety Tests, 1995
Yield, Boll, Seed, Spinning and Data

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Program Headquarters are located in the Crop Genetics & Production Research Unit, Jamie Whitten Delta States Research Center, United States Department of Agriculture - Agricultural Research Service, Stoneville, Mississippi, in cooperation with the agricultural experiment stations of Alabama, Arkansas, Arizona, California, Georgia, Louisiana, Mississippi, Missouri, New Mexico, North Carolina, Oklahoma, South Carolina, and Texas.

The National Cotton Variety Test series is available free of charge from the National Cotton Variety Test Program.

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Yield, Boll, Seed, Spinning, and Fiber Data.

Issued September 1996.

Processed by National Cotton Variety Testing Program:

United States Department of Agriculture
Agricultural Research Service

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Acknowledgments

The success of the National Cotton Variety Testing Program results from the interest and diligence of many workers who conducted the tests, processed the fiber samples, tabulated the information and analyzed the data. The following were primarily responsible for furnishing field data and providing samples:

Alabama	--	D. Bransby
Arizona	--	J. M. Nelson, and R. Percy (USDA-ARS)
Arkansas	--	F. M. Bourland
California	--	D. M. Bassett
Georgia	--	S. H. Baker
Louisiana	--	W. D. Caldwell, D. S. Boquet, and R. C. Griffin
Mississippi	--	D. S. Calhoun, and W. R. Meredith, Jr. (USDA-ARS)
Missouri	--	D. Albers
New Mexico	--	C. E. Barnes, and R. Cantrell (USDA-ARS)
North Carolina	--	D. Bowman
Oklahoma	--	B. Greenhagen
South Carolina	--	L. May (USDA-ARS)
Texas	--	J. R. Gannaway, C. W. Smith, and N. Assidian

The interest and cooperation of the commercial cottonseed firms of the United States are acknowledged. For the most part, seeds of the regional varieties were contributed by commercial firms. Seeds of varieties used as national standards were supplied by the following organizations: Acala 1517-88 -- New Mexico Crop Improvement Association, Las Cruces, NM; Deltapine 90 -- Delta and Pine Land, Scott, MS; Deltapine 50 -- Delta and Pine Land, Scott, MS; and Paymaster HS-26 -- Cargill Research, Plainview, TX.

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(As of January 1996)

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National Cotton Variety Test Archive File

The National Cotton Variety Test, from its inception in 1960 to the current year, is maintained in an archive file at the NCVT Program headquarters, Stoneville, MS. These files are available from the ARS Coordinator for the NCVT Program. The following files are available on diskette:

Cottonseed Quality Archive File	1977 - 1995
Yield Archive File	1960 - 1995

Fiber Quality Archive File 1960 - 1995
Pima Combed Yarn Archive File 1962 - 1995

Code Files:
Alpha & Numeric Variety Listings (2 files)
Alpha & Numeric Location Listings (2 files)
(includes Regional Codes)

The Archive Files, Codes, Content and Index files will be updated to include the current data each year, following the publication of the Annual Report. Write or phone:

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Introduction

The National Cotton Variety Testing Program, developed from recommendations of the Joint Cotton Breeding Policy Committee, is a uniform system of reporting data from cotton-yield trials across the US Cotton Belt. The trials are conducted annually at selected locations involved in the variety-testing programs of the cooperating State Agricultural Experiment Stations and the Agricultural Research Service. The National Cotton Variety Testing Committee is responsible for coordinating program plans from year to year.

National standard varieties are chosen for a 3-year testing cycle. For the twelveth 3-year testing cycle, beginning in 1993, the national standards were Acala 1517-88, Paymaster HS26, Deltapine 50, and Deltapine 90. Within each region, cooperators annually select a group of regional standard varieties that are common to all tests within the region for the particular year. In 1984, the cooperators for the Eastern, Central, and Delta regions elected to include interregional standards. Data on the national, regional, and interregional standards were included in this report. All varieties were grown to obtain experimental data, and the designation of national, regional, and interregional standards is not an endorsement of these varieties by the U. S. Department of Agriculture or the cooperating State Agricultural Experiment Stations.

Plot size, cultural practices, number of entries, and sampling methods were left to the discretion of the participating stations. While these details were not rigidly standardized, all tests were conducted by experienced personnel using sound experimental designs and procedures.

Yield, boll size, lint percentage, and seed index were supplied by the cooperating stations. Fiber, yarn, and HVI tests were made by Starlab, Inc., Knoxville, TN, and combed yarn tests were made by USDA-AMS Cotton Testing Section at Clemson, SC. Chemical analyses of seed were done by Woodsen-Tenent Laboratories, Inc., Memphis, TN. All data were compiled, analyzed, tabulated, and duplicated by the staff of the office of the Program Analyst for the National Cotton Variety Test.

In 1995, the National Cotton Variety Testing Program was organized as shown on the cover map. Upland varieties were grown in all tests except the Pima Region. Strains developed in the southern states with superior fiber properties and spinning performance were tested in three contiguous Regions (high quality test). Extra-long-staple American Pima varieties were tested in the Western and Arizona Regions.

In 1995, results of the Regional Project S-205 Regional Bollworm-Budworm Tests were reprinted in this report. The purpose in reprinting this vital information is to assist Regional Project S-205 by making the data more widely available to the Cotton Improvement Community.

REGIONAL TESTS & PARTICIPATING STATIONS

Eastern Regional Cotton Variety Test (Upland Varieties)

Alabama Agricultural Experiment Station	
Main Station	Auburn, AL
Tennessee Valley Substation	Belle Mina, AL
Georgia Agricultural Experiment Station	
Georgia Coastal Experiment Station	Tifton, GA
Clemson University	
Pee Dee Experiment Station	Florence, SC

Delta Regional Cotton Variety Test (Upland Varieties)

Arkansas Agricultural Experiment Station	
Delta Substation	Clarkedale, AR
Mississippi Agricultural and Forestry Experiment Station	
Delta Branch	Stoneville, MS
Missouri Agricultural Experiment Station	
Delta Center	Portageville, MO
Louisiana Agricultural Experiment Station	
Northeast Louisiana Experiment Station	St. Joseph, LA

Central Regional Cotton Variety Test (Upland Varieties)

Louisiana Agricultural Experiment Station	
Red River Valley Experiment Station	Bossier City, LA
Texas A&M University	
Extension Center	Weslaco, TX
Main Station	College Station, TX
Off-Station Test	Neuces County, TX

Blackland Regional Cotton Variety Test (Upland Varieties)

Texas A&M University	
Agricultural Research and Extension	Dallas, TX
Stiles Farm Foundation	Thrall, TX

Plains Regional Cotton Variety Test (Upland Varieties)

Oklahoma Agricultural Experiment Station	
Cotton Research Station	
Irrigated Test	Chickasha, OK
Dryland Test	Chickasha, OK
Irrigation Experiment Station	Altus, OK
Southwest Agronomy Research Station	
Dryland Test	Tipton, OK
Texas A&M University	
Agricultural Research and Extension Center (Chillicothe)	
Dryland Test	Chillicothe, TX
Agricultural Research and Extension Center (Lubbock)	
Irrigated Test	Lubbock, TX
Off-Station (Dryland Test)	LaMesa, TX

Western Regional Cotton Variety Test (Upland Varieties)

New Mexico Agricultural Experiment Station	
Main Station	Las Cruces, NM
Southeastern Branch Station	Artesia, NM
Texas A&M University	
Agricultural Research Center	El Paso, TX
Agricultural Research Center	Pecos, TX

San Joaquin Valley Continuous Cotton Variety Test (Upland Varieties)

California Agricultural Experiment Station	
West Side Field Station	Five Points, CA
U.S. Cotton Field Station	Shafter, CA

High Quality Regional Cotton Variety Test

Alabama Agricultural Experiment Station	
Tennessee Valley Substation	Belle Mina, AL
Arkansas Agricultural Experiment Station	
Delta Substation	Keiser, AR
Clemson University	
Pee Dee Experiment Station	Florence, SC
Georgia Agricultural Experiment Station	
Georgia Coastal Plain Experiment Station	Tifton, GA
Louisiana Agricultural Experiment Station	
Red River Valley Experiment Station	Bossier City, LA
Mississippi Agricultural and Forestry Experiment Station	
Delta Branch	Stoneville, MS
Missouri Agricultural Experiment Station	
Delta Center	Portageville, MO
North Carolina State University	
Upper Coastal Plain Experiment Station	Rocky Mount, NC
Texas A&M University	
Texas Agricultual Experiment Station	College Station, TX

Arizona Regional Cotton Variety Test

Arizona Agricultural Experiment Station	
Cotton Research Center	Maricopa, AZ
Safford Branch Experiment Station	
Off-Station Test	Safford, AZ

Pima Regional Cotton Variety Test

Arizona Agricultural Experiment Station	
Cotton Research Center	Maricopa, AZ
Marana Experiment Station	Marana, AZ
Off-Station Test	
Yuma	Yuma, AZ
California Agricultural Experiment Station	
West Side Field Station	Five Points, CA
Safford Branch Experiment Station	
Off-Station Test	Safford (E), AZ
	Safford (P), AZ

New Mexico Agricultural Experiment Station
Off-Station Test — Las Cruces, NM
Texas A&M University
Agricultural Research Center — El Paso, TX

Combed-Yarn Test (American Pima Varieties)**

American Pima cottons are commonly spun into combed yarns. In addition to the carded yarn tenacity, combed-yarn tests of Pima cotton grown at two locations conducting the Pima Regional Cotton Variety Test were made by the Agricultural Marketing Service, United States Department of Agriculture, Cotton Testing Section at Clemson, SC. Classer's grade and staple, yarn tenacity of 11.8- and 7.4- tex (50's and 80's cotton count) yarns, appearance index, imperfections per 1,000 yards, and waste percentages are reported.

**Test was discontinued in 1994 due to costs of processing samples.

Explanations and Definitions

No interpretation of the test results other than the indication of the significant difference among means based on an analysis of variance is presented. The variety x location interaction mean square was used as the Error term in F tests and Duncan's Multiple Range tests in the combined-over-locations ANOVA for each region and subregion. Means followed by the same letter or letters cannot be considered significantly different at the 0.05 level of probability, as determined by Duncan's Multiple Range Test. Statistical analyses and Duncan's Multiple Range test were performed using SAS. A randomized complete block design was used for all analyses, although some tests were planted in lattice designs.

The yield reported for each variety is the average derived from the number of replications used. From three to eight replications were planted, depending on the station, with four replications being more commonly used. Boll size, lint percentage, and seed, fiber, and yarn data were based on two replications of each variety at all locations.

The tables for each regional test are arranged as follows: In the first four tables, average data for the entire region are given by cotton variety and location; the entries in these tables are

arranged in order of decreasing lint yield. For some tests, subregional summaries are also included. Following these tables average data for each location in the region are given, each table being arranged by variety in order of decreasing lint yield.

The column headings and symbols are defined as follows:

Arealometer. The arealometer is an instrument which measures fiber fineness and shape by measuring the resistance a given mass of fiber offers to the flow of air. Fineness and shape measures are used to calculate Immaturity Ratio (I), % Maturity (M), Perimeter (p), Weight Fineness (w), and Wall Thickness (t).

A. Is a measure of the external surface area of the fibers of a given volume of fibrous material, expressed in terms of square millimeters per cubic millimeter of fibrous material.

D. The difference between the value of the specific area determined at high pressure (AH) and the value of the specific area determined at standard pressure (the "A" measured above). "D" is presumably a measure of the flatness of the fiber ribbon; i.e., the higher the "D" value, the more ribbonlike are the fibers.

I. The immaturity ratio is a dimensionless number which describes a physical characteristic of the fiber cross section. It is defined as the ratio of the area that the fiber cross section would have if its perimeter enclosed a circle to the area that the perimeter actually encloses. It is found by substituting D in the formula:

$$I = \sqrt{(0.07D+1)}$$

M. The simple linear regression prediction of caustic soda percent maturity from Hertel and Craven Textile Research Journal 21: 765-774,1951. The prediction equation is: M = 150.5 - 38.1I. M is an unreliable prediction of caustic soda percent maturity above about 95% and below about 35%. Values of M above 100% were obtained on some samples and are reported as obtained. The caustic soda percent maturity has an upper limit of 100%.

(p) The perimeter is defined as the distance around the outside wall of the fiber cross section. The perimeter in microns is determined by:

$$p = \frac{12{,}566\ I}{A}$$

(w) The weight fineness, or linear density, is defined as the mass per unit length of fiber. It is calculated in ægm per inch by use of the following formula:

$$w = \frac{485 \times 10^3 I}{A^2}$$

(t) Wall thickness in microns calculated from:

$$t = \frac{2000}{A[1 + \sqrt{(1 - 1/I)}]}$$

Boll size. The mass, in grams, per boll of seed cotton.

Classer's designation. A description of the quality of cotton in terms of grade and staple according to the official cotton standards of the United States. For grade, classification is based on appearance and is accomplished chiefly through the sense of sight by integration of the three factors of grade--color, leaf, and preparation--in the sample. Classification for staple length involves both sight and touch and is made by pulling out and comparing a typical portion of fiber from a sample with the official staple types.

Digital Fibrograph. An instrument for measuring fiber length. S.L. (span length) is the distance spanned by a specific percentage of the fibers in the test specimen, where the initial starting point of the scanning in the test is considered 100 percent. The 2.5 percent S.L. is the length, in inches, on the test specimen spanned by 2.5 percent of the fibers scanned at the initial starting point. The 2.5 percent S.L. approximates classer's stable. The 50 percent S.L. is the length, in inches, on the test specimen spanned by 50 percent of the fibers scanned at the initial starting point.

Free gossypol. The gossypol in fuzzy seeds as determined by the HPLC Method described in Vol. 59, page 546, 1982 of the Journal of the American Oil Chemist's Society modified as follows: Immediately after obtaining the hull-free kernels, they were dried in a forced-draft oven at 180øF for 4 hours. At the end of 4 hours drying, the kernels were immediately placed in moisture-proof containers and cooled. In proceeding with the HPLC Method every effort was made to prevent the kernels from regaining moisture. The purpose of this modification was to reduce free moisture on the kernels with which the gossypol could interact and become bound to the protein thus reducing the free gossypol content. The use of this modification (starting with 1987 crop) resulted in higher estimates of free gossypol than in previous years. Free gossypol is

expressed as a percentage of the mass of the kernel.

High Volume Instrument. An instrument system used to measure length, strength, micronaire, and color of cotton fibers.

Lint percent. The mass of lint ginned from a sample of seed cotton, expressed as a percentage of the mass of seed cotton.

Lint yield. The mean production of the plots harvested, expressed in pounds of lint per acre and reported as estimated by each participant.

Micronaire. The fineness of the sample taken from the ginned lint, measured by a Fibronaire and expressed in standard (curvilinear scale) micronaire units.

Nitrogen. The nitrogen in fuzzy seeds as determined by AOCS Method Ba 4-38; expressed as a percentage of the mass of fuzzy seeds. The percentage of nitrogen multiplied by 6.25 is an approximation of the percentage of protein.

Oil. The oil in fuzzy seeds as determined by AOCS Method Aa 4-38; expressed as a percentage of the mass of the fuzzy seeds.

Seed index. The mass of 100 fuzzy seeds, in grams.

Seed Yield/Acre. The yield in pounds of seed per acre for each plot was calculated and reported. (Reporting started with the 1994 tests.) The calculation used is:

(LINT YIELD/ACRE) X ((100-LINT%) / LINT%)

SL-HVI AMS (Calibrated to USDA SL-HVI Standard). The SL-HVI is a High Volume Instrument system, manufactured by Spinlab, Inc. of Knoxville, Tennessee, used to measure length, strength, micronaire, and color of cotton fibers. The measurements were made on a Spinlab 900 High Volume Fiber Test System, by the USDA-AMS Quality Control Section at Memphis, Tennessee. The instrument was calibrated using the USDA Spinlab HVI Standard Cotton.

2.5 S.L. See Digital Fibrograph for definition

Uniformity Ratio (UR). Ratio of 50% S.L. to 2.5% S.L.

Elongation (E). Elongation at point of break in strength determination.

Strength. Is the fiber strength of a bundle of fibers measured with the two jaws holding the fiber bundle separated by one-eighth inch, expressed in grams force per tex. In previous reports, this measurement was called Tenacity. Since the physical nature of this measurement is under

investigation, use of the more general term seems appropriate.

Micronaire. The fineness of the sample taken from the ginned lint, measured by a Fibronaire-type instrument and expressed in standard (curvilinear scale) micronaire units.

Colorimeter

Rd. Is the percentage of the reflectance; the higher the value, the lighter the cotton.
Hunter's b value. Is a measure of increasing yellowness of the cotton.

Stelometer. An instrument for measuring fiber strength. T1 is the fiber strength of a bundle of fibers measured on the Stelometer with two jaws holding the fiber bundle separated by one-eighth inch spacer, expressed in millinewtons (mN) per tex. E1 is the percentage elongation at break of the center one-eighth inch of the fiber bundle measured for T1 strength on the Stelometer.

Tex. The linear density of fibers, filaments, and yarns expressed as the mass, in milligrams, of 1 meter of the fiber filaments or yarn.

Waste. The difference in mass, expressed as a percentage of the fed stock and delivered stock. Picker and card waste is the loss in mass during opening, picking and carding. Comber waste is the loss in mass during combing.

Yarn appearance index. The relative evenness, smoothness and freedom from foreign material of the yarn as evaluated by visual comparison of the yarn with the standards adopted by the American Society for Testing and Materials. Higher numbers indicate more even and smooth yarns with less foreign material.

Yarn tenacity. In the Regional test the standard skein strength of the yarn in millinewtons per tex(mN/tex) is estimated from miniature skeins. The data is adjusted to standard skein basis and corrected to 27 tex. The Pima Combed strength of 11.8 and 7.4 tex yarns in millinewtons per tex (mN/tex) is determined on standard skeins.

Reporting Variations

Arizona Region Test Results:

The two reporting locations did not utilize the same varieties of cottons in the tests.

Cotton varieties tested in the 1995 National Cotton Variety Tests:

VARIETY PLANTED	NATIONAL STANDARD	PLANTED IN REGION
87 D3 - 24		High Quality
87 G3 - 27		High Quality
ACALA 1517 SR-3		Western
ACALA 1517-88	*	All Regions
ACALA 1517-91		Western
ACALA 1517-95		Western
ACALA GC 510		Western
ACALA MAXXA		San Joaquin; Western
ACALA PREMA		Western
ACALA W 5250		Western
ALL-TEX QUICKIE		Plains
C 141		San Joaquin
C 142		San Joaquin
C 143		San Joaquin
C 144		San Joaquin
CA 3084		High Quality
CB 1233		Arizona; Eastern
CBX 194		San Joaquin
CBX 466		High Quality

CBX 477		High Quality
CHANEY RANCH 252		Pima
CHANEY RANCH 253		Pima
CHEMBRED 232		Arizona
CHEMBRED 407		Eastern
CHEMBRED CB 1135		Eastern
CHEMBRED CB 333		Eastern
CHEMBRED CBX1210		Arizona; Western
CONQUISTADOR		Pima
CX 294		San Joaquin
DELTAPINE 20		Delta
DELTAPINE 50	*	All Regions
DELTAPINE 5415		Arizona; Eastern
DELTAPINE 90	*	All Regions
DES 119		Central; Delta
DO6-70-07		High Quality
DP 5409		Arizona; Eastern
DPL 0227		High Quality
DPL 5690		Arizona; Eastern
DPL 9911		Pima
GA 89-227		High Quality
GA 89-41		High Quality
GC 717		Arizona
GC 9003		Arizona
GC 9203		San Joaquin
GC 9204		San Joaquin
GC 9209		San Joaquin
GC 95-MS-1		High Quality
GEORGIA KING		Eastern
GP 74+		Plains
H 1215 Hartz		Delta
H 1220		Arizona
H 1244 HARTZ		Arizona
HOLLAND 1919		Plains
HS 44		Arizona
HS46		Arizona; Eastern
HX 03392		High Quality
HX 06498		High Quality
HX 3368-69		High Quality
HY 39		Arizona
LANKART 142		Plains
MD 51ne		High Quality
OA 201		San Joaquin
OA 204		San Joaquin
OA 236		San Joaquin

OA 304		Pima
OA 44		Arizona
OA 50		Arizona
OA 7		Arizona
ORO BLANCO		Pima
PAYMASTER 147		Plains
PAYMASTER HS 200		Plains
PAYMASTER HS 26	*	All Regions
PHY 33		San Joaquin
PHY 43		San Joaquin
PIMA S-6		Pima
PIMA S-7		Pima
S-1001		Arizona; Eastern
SG 125		Delta; Eastern; Arizona
SOUTHLAND 400		Plains
SS 9202		Arizona
SS 9401		High Quality
SS 9505		Arizona
SS 9506		High Quality
SS 9509		High Quality
STONEVILLE 1324		Arizona
STONEVILLE 453		Blacklands
STV 474		Arizona; Delta; Eastern
STV KC311		Arizona; Eastern
STV LA 887		Arizona; Central; Delta; Eastern
SUREGROW 501		Arizona; Eastern
TAMCOT CD3H		Plains
TAMCOT HQ95		Blacklands

1995 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

1995 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
DELTAPINE 90	832	A	4.68	40.2	8.4	131	1.07	0.53	220	7.0	4.74
SUREGROW 501	820	A	4.38	43.1	8.6	141	1.10	0.55	239	8.2	4.85
CHEMBRED 407	807	A	4.65	40.1	8.9	131	1.08	0.53	201	6.8	4.78
SG 125	802	A	4.68	42.0	9.1	119	1.09	0.53	195	8.6	4.70
DPL 5690	800	A	4.65	40.5	8.6	134	1.07	0.53	223	7.2	4.85
DELTAPINE 5415	792	A	4.37	41.0	7.9	127	1.09	0.53	213	8.5	4.77
STV KC311	784	A	4.64	39.1	8.8	142	1.09	0.54	225	6.9	4.63
STV LA 887	779	A	5.59	41.8	9.9	139	1.12	0.55	228	7.8	4.72
CB 1233	776	A	4.49	40.5	8.8	131	1.07	0.53	215	7.1	4.85
STV 474	776	A	4.25	43.7	9.0	119	1.05	0.52	203	7.7	5.12
S-1001	774	A	4.56	39.2	9.1	139	1.11	0.55	236	7.3	4.63
CHEMBRED CB 333	772	A	5.02	40.3	9.4	121	1.06	0.53	195	7.3	4.72
GEORGIA KING	760	A	4.89	42.1	9.0	135	1.09	0.53	227	7.6	4.75
CHEMBRED CB 1135	750	A	5.03	40.3	9.1	125	1.07	0.53	210	6.9	4.63
DELTAPINE 50	717	B A	4.88	39.2	9.3	115	1.09	0.53	190	7.9	4.80
HS46	698	B A	4.49	39.6	9.0	141	1.09	0.54	234	7.6	4.50
DP 5409	686	B A	4.34	41.8	8.4	113	1.08	0.53	207	8.0	4.92
PAYMASTER HS 26	579	B C	5.40	39.3	10.1	122	1.04	0.54	212	8.5	4.77
ACALA 1517-88	544	C	4.71	39.1	9.8	158	1.16	0.56	248	6.4	4.35

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
DELTAPINE 90	1.06	82.2	32.2	9.9	72.1	8.3	4.74	1204	21.50	3.59	0.90
SUREGROW 501	1.09	83.0	32.0	10.2	71.0	8.7	4.85	954	19.28	3.50	0.99
CHEMBRED 407	1.08	82.3	29.1	9.7	72.1	8.3	4.75	1196	20.57	3.67	0.87
SG 125	1.09	82.4	26.2	10.0	71.1	9.3	4.75	1004	19.07	3.73	0.69
DPL 5690	1.07	82.8	31.7	10.0	73.3	8.3	4.87	1119	21.26	3.63	0.78
DELTAPINE 5415	1.09	82.7	29.3	10.3	72.8	8.5	4.85	1087	18.74	3.45	0.81
STV KC311	1.09	83.1	32.6	9.9	71.7	8.4	4.65	1040	21.03	3.64	0.84

STV LA 887	1.12	83.3	31.4	10.2	71.1	9.3	4.75	1002	20.92	3.66	0.92
CB 1233	1.07	82.4	31.3	10.1	71.0	8.3	4.85	1071	21.48	3.79	0.84
STV 474	1.06	81.8	28.0	10.1	70.4	9.2	5.25	1029	20.05	3.87	0.96
S-1001	1.10	82.8	32.4	9.8	72.4	8.6	4.70	1094	21.06	3.64	0.87
CHEMBRED CB 333	1.07	82.4	27.9	9.8	70.9	8.5	4.63	1064	21.46	3.67	0.79
GEORGIA KING	1.09	82.3	30.7	9.9	70.3	9.0	4.68	906	20.50	3.73	0.70
CHEMBRED CB 1135	1.07	82.0	29.6	9.9	71.6	8.6	4.55	1115	21.19	3.79	0.85
DELTAPINE 50	1.07	83.0	26.2	10.0	72.2	8.5	4.78	1068	20.91	3.58	0.92
HS46	1.11	82.4	32.3	10.1	72.5	8.9	4.38	995	20.21	3.62	0.72
DP 5409	1.08	82.5	28.4	10.2	73.1	8.7	4.88	973	19.95	3.75	0.76
PAYMASTER HS 26	1.02	82.6	30.1	10.3	70.5	8.4	4.88	826	21.41	3.68	0.81
ACALA 1517-88	1.16	82.6	34.6	9.8	71.1	8.8	4.40	779	21.20	3.80	0.62

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
DELTAPINE 90	416	21.1	1.57	90	47.47	4.41	3.02
SUREGROW 501	.	.	.	.	.	.	.
CHEMBRED 407	.	.	.	.	.	.	.
SG 125	.	.	.	.	.	.	.
DPL 5690	.	.	.	.	.	.	.
DELTAPINE 5415	.	.	.	.	.	.	.
STV KC311	.	.	.	.	.	.	.
STV LA 887	.	.	.	.	.	.	.
CB 1233	.	.	.	.	.	.	.
STV 474	.	.	.	.	.	.	.
S-1001	.	.	.	.	.	.	.
CHEMBRED CB 333	.	.	.	.	.	.	.
GEORGIA KING	.	.	.	.	.	.	.
CHEMBRED CB 1135	.	.	.	.	.	.	.
DELTAPINE 50	419	29.3	1.74	84	52.25	4.82	2.90
HS46	.	.	.	.	.	.	.
DP 5409	.	.	.	.	.	.	.
PAYMASTER HS 26	418	25.0	1.66	87	49.81	4.60	2.94
ACALA 1517-88	451	22.2	1.59	89	44.45	3.82	2.77

BOLL SIZE, GRAM PER BOLL		
STV LA 887	5.59	A
PAYMASTER HS 26	5.40	B A
CHEMBRED CB 1135	5.03	B C
CHEMBRED CB 333	5.02	B C
GEORGIA KING	4.89	D C
DELTAPINE 50	4.88	D C
ACALA 1517-88	4.71	D C E
DELTAPINE 90	4.68	D C E
SG 125	4.68	D C E
CHEMBRED 407	4.65	D C E
DPL 5690	4.65	D C E
STV KC311	4.64	D C E
S-1001	4.56	D C E
HS46	4.49	D E
CB 1233	4.49	D E
SUREGROW 501	4.38	E
DELTAPINE 5415	4.37	E
DP 5409	4.34	E
STV 474	4.25	E

YARN TENACITY		
ACALA 1517-88	158	A
STV KC311	142	B
SUREGROW 501	141	B
HS46	141	B
S-1001	139	C B
STV LA 887	139	C B
GEORGIA KING	135	C B D
DPL 5690	134	EC B D
CHEMBRED 407	131	EC F D
CB 1233	131	EC F D
DELTAPINE 90	131	EC F D
DELTAPINE 5415	127	EG F D
CHEMBRED CB 1135	125	EG F
PAYMASTER HS 26	122	G F H
CHEMBRED CB 333	121	G H
STV 474	119	G H
SG 125	119	G H
DELTAPINE 50	115	H
DP 5409	113	H

LINT PERCENT		
STV 474	43.7	A
SUREGROW 501	43.1	B A
GEORGIA KING	42.1	B A C
SG 125	42.0	DB A C
DP 5409	41.8	DB E C
STV LA 887	41.8	DB E C
DELTAPINE 5415	41.0	DF E C
DPL 5690	40.5	DFGE C
CB 1233	40.5	DFGE C
CHEMBRED CB 333	40.3	DFGE C
CHEMBRED CB 1135	40.3	DFGE
DELTAPINE 90	40.2	DFGE
CHEMBRED 407	40.1	FGE
HS46	39.6	FG
PAYMASTER HS 26	39.3	FG
DELTAPINE 50	39.2	FG
S-1001	39.2	FG
STV KC311	39.1	G
ACALA 1517-88	39.1	G

FIBROGRAPH--2.5% S. L.		
ACALA 1517-88	1.16	A
STV LA 887	1.12	B
S-1001	1.11	C B
SUREGROW 501	1.10	C B D
DELTAPINE 50	1.09	C B D
STV KC311	1.09	C B D
DELTAPINE 5415	1.09	C B D
GEORGIA KING	1.09	C B D
HS46	1.09	C B D
SG 125	1.09	C B D
CHEMBRED 407	1.08	C E D
DP 5409	1.08	C E D

SEED INDEX		
PAYMASTER HS 26	10.1	A
STV LA 887	9.9	A
ACALA 1517-88	9.8	B A
CHEMBRED CB 333	9.4	B C
DELTAPINE 50	9.3	D C
CHEMBRED CB 1135	9.1	D C E
SG 125	9.1	D C E
S-1001	9.1	D C E
HS46	9.0	FD C E
STV 474	9.0	FD C E
GEORGIA KING	9.0	FD C E
CHEMBRED 407	8.9	FD G E

FIBROGRAPH--50% S. L.		
ACALA 1517-88	0.56	A
STV LA 887	0.55	B A
SUREGROW 501	0.55	B A C
S-1001	0.55	DB A C
STV KC311	0.54	DB E C
HS46	0.54	DBFE C
PAYMASTER HS 26	0.54	D FE C
DELTAPINE 50	0.53	D FE C
DPL 5690	0.53	D FE C
GEORGIA KING	0.53	D FE C
DELTAPINE 90	0.53	D FE
CHEMBRED 407	0.53	D FE

DELTAPINE 90	1.07	F E D
CHEMBRED CB 1135	1.07	F E D
DPL 5690	1.07	F E D
CB 1233	1.07	F E D
CHEMBRED CB 333	1.06	F E D
STV 474	1.05	F E
PAYMASTER HS 26	1.04	F

CB 1233	8.8	FD G E
STV KC311	8.8	FD G E
DPL 5690	8.6	F G E
SUREGROW 501	8.6	F G
DELTAPINE 90	8.4	G
DP 5409	8.4	G
DELTAPINE 5415	7.9	H

CHEMBRED CB 333	0.53	D FE
CB 1233	0.53	D FE
SG 125	0.53	D FE
CHEMBRED CB 1135	0.53	FE
DELTAPINE 5415	0.53	FE
DP 5409	0.53	F
STV 474	0.52	F

STELOMETER - T1

ACALA 1517-88	248	A
SUREGROW 501	239	B A
S-1001	236	B C
HS46	234	B C D
STV LA 887	228	EB C D
GEORGIA KING	227	EF C D
STV KC311	225	EF C D
DPL 5690	223	EF G D
DELTAPINE 90	220	EF G H
CB 1233	215	IF G H
DELTAPINE 5415	213	IJ G H
PAYMASTER HS 26	212	IJ G H
CHEMBRED CB 1135	210	IJ H
DP 5409	207	IJ K H
STV 474	203	IJ K L
CHEMBRED 407	201	MJ K L
SG 125	195	M K L
CHEMBRED CB 333	195	M L
DELTAPINE 50	190	M

2.5% S.L. (INCHES)

ACALA 1517-88	1.16	A
STV LA 887	1.12	B
HS46	1.11	C B
S-1001	1.10	C B D
STV KC311	1.09	EC B D
DELTAPINE 5415	1.09	EC B D
SUREGROW 501	1.09	EC B D
SG 125	1.09	EC B D
GEORGIA KING	1.09	EC D
CHEMBRED 407	1.08	E D
DP 5409	1.08	E D
DELTAPINE 50	1.07	E D
CHEMBRED CB 1135	1.07	E D
DPL 5690	1.07	E D
CHEMBRED CB 333	1.07	E D
CB 1233	1.07	E D
DELTAPINE 90	1.06	E
STV 474	1.06	E
PAYMASTER HS 26	1.02	F

STELOMETER - E1

SG 125	8.6	A
PAYMASTER HS 26	8.5	B A
DELTAPINE 5415	8.5	B A
SUREGROW 501	8.2	B A C
DP 5409	8.0	DB A C
DELTAPINE 50	7.9	DB E C
STV LA 887	7.8	DF E C
STV 474	7.7	DFGE C
GEORGIA KING	7.6	DFGEHC
HS46	7.6	IDFGEHC
S-1001	7.3	IDFGEH
CHEMBRED CB 333	7.3	IDFGEH
DPL 5690	7.2	I FGEH
CB 1233	7.1	I FG H
DELTAPINE 90	7.0	I GJH
CHEMBRED CB 1135	6.9	I JH
STV KC311	6.9	I JH
CHEMBRED 407	6.8	I J
ACALA 1517-88	6.4	J

UR (PERCENT)

STV LA 887	83.3	A

MICRONAIRE

STV 474	5.12	A

STRENGTH (G/TEX)

ACALA 1517-88	34.6	A

STV KC311	83.1	B	A		DP 5409	4.92	B	A		STV KC311	32.6		B	
SUREGROW 501	83.0	B	A	C	DPL 5690	4.85	B	A	C	S-1001	32.4		CB	
DELTAPINE 50	83.0	B	A	C	CB 1233	4.85	B	A	C	HS46	32.3		CB	
S-1001	82.8	B	A	C	SUREGROW 501	4.85	B	A	C	DELTAPINE 90	32.2		CB	
DPL 5690	82.8	B	A	C	DELTAPINE 50	4.80	B	A	C	SUREGROW 501	32.0		CB	
DELTAPINE 5415	82.7	DB	A	C	CHEMBRED 407	4.78	B	A	C	DPL 5690	31.7		CB	D
PAYMASTER HS 26	82.6	DB	A	C	PAYMASTER HS 26	4.77	B	A	C	STV LA 887	31.4		CB	D
ACALA 1517-88	82.6	DB	A	C	DELTAPINE 5415	4.77	B	A	C	CB 1233	31.3		C	D
DP 5409	82.5	DB	A	C	GEORGIA KING	4.75	B	A	C	GEORGIA KING	30.7		E	D
SG 125	82.4	DB	A	C	DELTAPINE 90	4.74	B	A	C	PAYMASTER HS 26	30.1		FE	
HS46	82.4	DB	A	C	CHEMBRED CB 333	4.72	B	D	C	CHEMBRED CB 1135	29.6		FE	G
CHEMBRED CB 333	82.4	DB	A	C	STV LA 887	4.72	B	D	C	DELTAPINE 5415	29.3		F	G
CB 1233	82.4	DB	A	C	SG 125	4.70	B	D	C	CHEMBRED 407	29.1		FH	G
CHEMBRED 407	82.3	DB	A	C	STV KC311	4.63	B	D	C	DP 5409	28.4		H	G
GEORGIA KING	82.3	DB	A	C	CHEMBRED CB 1135	4.63	B	D	C	STV 474	28.0		H	
DELTAPINE 90	82.2	DB		C	S-1001	4.63	B	D	C	CHEMBRED CB 333	27.9		H	
CHEMBRED CB 1135	82.0	D		C	HS46	4.50		D	C	DELTAPINE 50	26.2		I	
STV 474	81.8	D			ACALA 1517-88	4.35		D		SG 125	26.2		I	

E

PAYMASTER HS 26	10.3		A	
DELTAPINE 5415	10.3		A	
STV LA 887	10.2	B	A	
SUREGROW 501	10.2	B	A	
DP 5409	10.2	B	A	
STV 474	10.1	B	A	C
CB 1233	10.1	B	A	C
HS46	10.1	DB	A	C
SG 125	10.0	DB	A	C
DELTAPINE 50	10.0	DB		C
DPL 5690	10.0	DB		C
DELTAPINE 90	9.9	DB		C
STV KC311	9.9	DB		C
GEORGIA KING	9.9	DB		C
CHEMBRED CB 1135	9.9	DB		C
S-1001	9.8	DB		C
CHEMBRED CB 333	9.8	DB		C
ACALA 1517-88	9.8	D		C

MICRONAIRE (SL-HVI)

STV 474	5.25		A	
PAYMASTER HS 26	4.88	B	A	
DP 5409	4.88	B	A	
DPL 5690	4.87	B	A	C
DELTAPINE 5415	4.85	DB	A	C
CB 1233	4.85	DB	A	C
SUREGROW 501	4.85	DB	A	C
DELTAPINE 50	4.78	DB		C
CHEMBRED 407	4.75	DB		C
STV LA 887	4.75	DB		C
SG 125	4.75	DB		C
DELTAPINE 90	4.74	DB		C
S-1001	4.70	DB		C
GEORGIA KING	4.68	DB		C
STV KC311	4.65	DB		C
CHEMBRED CB 333	4.63	DB		C
CHEMBRED CB 1135	4.55	DB		C
ACALA 1517-88	4.40	D		C

COLORIMETER - Rd

DPL 5690	73.3		A	
DP 5409	73.1		A	
DELTAPINE 5415	72.8	B	A	
HS46	72.5	B	A	
S-1001	72.4	B	A	
DELTAPINE 50	72.2	B	A	C
DELTAPINE 90	72.1	B	A	C
CHEMBRED 407	72.1	B	A	C
STV KC311	71.7	B	A	C
CHEMBRED CB 1135	71.6	B	A	C
SG 125	71.1	B		C
ACALA 1517-88	71.1	B		C
STV LA 887	71.1	B		C
SUREGROW 501	71.0	B		C
CB 1233	71.0	B		C
CHEMBRED CB 333	70.9	B		C
PAYMASTER HS 26	70.5			C
STV 474	70.4			C

CHEMBRED 407	9.7	D	HS46	4.38	D	GEORGIA KING	70.3	C

OIL (PERCENT)

DELTAPINE 90	21.50	A
CB 1233	21.48	A
CHEMBRED CB 333	21.46	A
PAYMASTER HS 26	21.41	A
DPL 5690	21.26	B A
ACALA 1517-88	21.20	B A
CHEMBRED CB 1135	21.19	B A
S-1001	21.06	B A C
STV KC311	21.03	B A C
STV LA 887	20.92	DB A C
DELTAPINE 50	20.91	DB A C
CHEMBRED 407	20.57	DB A C
GEORGIA KING	20.50	DB A C
HS46	20.21	DB E C
STV 474	20.05	DF E C
DP 5409	19.95	DF E
SUREGROW 501	19.28	F E G
SG 125	19.07	F G
DELTAPINE 5415	18.74	G

FREE GOSSYPOL (PERCENT)

SUREGROW 501	0.99	A
STV 474	0.96	B A
DELTAPINE 50	0.92	B A C
STV LA 887	0.92	B A C
DELTAPINE 90	0.90	DB A C
CHEMBRED 407	0.87	DBEA C
S-1001	0.87	DBEA C
CHEMBRED CB 1135	0.85	DBEF C
STV KC311	0.84	DBEF C
CB 1233	0.84	DBEF C
PAYMASTER HS 26	0.81	DGEF C
DELTAPINE 5415	0.81	DGEF C
CHEMBRED CB 333	0.79	DGEF
DPL 5690	0.78	DGEF
DP 5409	0.76	GEF
HS46	0.72	G F H
GEORGIA KING	0.70	G H
SG 125	0.69	G H
ACALA 1517-88	0.62	H

COLORIMETER - b

STV LA 887	9.3	A
SG 125	9.3	A
STV 474	9.2	B A
GEORGIA KING	9.0	B A C
HS46	8.9	DB A C
ACALA 1517-88	8.8	DB E C
DP 5409	8.7	DF E C
SUREGROW 501	8.7	DF E C
S-1001	8.6	DF E C
CHEMBRED CB 1135	8.6	DF E C
DELTAPINE 5415	8.5	DF E C
DELTAPINE 50	8.5	DF E
CHEMBRED CB 333	8.5	DF E
PAYMASTER HS 26	8.4	DF E
STV KC311	8.4	F E
CHEMBRED 407	8.3	F E
DELTAPINE 90	8.3	F E
CB 1233	8.3	F
DPL 5690	8.3	F

NITROGEN (PERCENT)

STV 474	3.87	A
ACALA 1517-88	3.80	B A
CHEMBRED CB 1135	3.79	B A
CB 1233	3.79	B A
DP 5409	3.75	B A
GEORGIA KING	3.73	B A
SG 125	3.73	B A

SEED YIELD (LB/ACRE)

DELTAPINE 90	1203	A
CHEMBRED 407	1196	A
DPL 5690	1118	B A
CHEMBRED CB 1135	1115	B A
S-1001	1094	B A
DELTAPINE 5415	1086	B A C
CB 1233	1070	B A C

AREALOMETER - A (mm2/mm3)

ACALA 1517-88	451	A
DELTAPINE 50	419	B
PAYMASTER HS 26	418	B
DELTAPINE 90	416	B

PAYMASTER HS 26	3.68	B	A	C	DELTAPINE 50	1067	B	A C
CHEMBRED 407	3.67	B	A	C	CHEMBRED CB 333	1064	B	A C
CHEMBRED CB 333	3.67	B	A	C	STV KC311	1039	B	A C
STV LA 887	3.66	DB	A	C	STV 474	1028	B	A C
STV KC311	3.64	DB		C	SG 125	1004	B	A C
S-1001	3.64	DB		C	STV LA 887	1001	B	A C
DPL 5690	3.63	DB		C	HS46	995	B	A C
HS46	3.62	DB		C	DP 5409	973	B	A C
DELTAPINE 90	3.59	DB		C	SUREGROW 501	954	B	A C
DELTAPINE 50	3.58	DB		C	GEORGIA KING	906	B	A C
SUREGROW 501	3.50	D		C	PAYMASTER HS 26	826	B	C
DELTAPINE 5415	3.45	D			ACALA 1517-88	779		C

AREALOMETER - M (PERCENT)

DELTAPINE 90	90		A
ACALA 1517-88	89		A
PAYMASTER HS 26	87		A
DELTAPINE 50	84		A

AREALOMETER - D (mm2/mm3)

DELTAPINE 50	29.3		A
PAYMASTER HS 26	25.0	B	A
ACALA 1517-88	22.2	B	A
DELTAPINE 90	21.1	B	

AREALOMETER - p (Microns)

DELTAPINE 50	52.25		A
PAYMASTER HS 26	49.81	B	A
DELTAPINE 90	47.47	B	C
ACALA 1517-88	44.45		C

AREALOMETER - t (MICRONS)

DELTAPINE 90	3.02		A
PAYMASTER HS 26	2.94	B	A
DELTAPINE 50	2.90	B	A
ACALA 1517-88	2.77	B	

AREALOMETER - I

DELTAPINE 50	1.7		A
PAYMASTER HS 26	1.7	B	A
ACALA 1517-88	1.6	B	A
DELTAPINE 90	1.6	B	

AREALOMETER -w (MG/INCH)

DELTAPINE 50	4.82		A
PAYMASTER HS 26	4.60		A
DELTAPINE 90	4.41		A
ACALA 1517-88	3.82		B

LOCATIONS COMBINING VARIETIES

LOCATION	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
FLORENCE, SC	1120	A	5.29	40.9	9.3	129	1.13	0.56	206	8.4	4.74
BELLE MINA, AL	721	B	5.18	40.8	9.2	137	1.11	0.54	223	7.3	4.74
AUBURN, AL	408	C	3.69	40.4	8.5	126	1.02	0.51	221	7.0	4.75

LOCATION	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	Colorimeter E	Colorimeter Rd	Colorimeter Hunter's b	Seed Data MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	Seed Data OIL (%)	Seed Data NITROGEN (%)	Seed Data FREE GOSSYPOL (%)
FLORENCE, SC	1.14	81.2	29.9	10.3	77.5	8.5	4.70	1474	22.08	3.29	1.05
BELLE MINA, AL	1.10	83.7	30.7	9.9	69.9	9.1	4.74	1017	20.05	3.76	0.84
AUBURN, AL	1.01	82.9	30.3	9.8	67.5	8.4	4.81	592	19.69	3.97	0.58

LOCATION	Arealometer Data A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
FLORENCE, SC	422	26.4	1.68	86	50.22	4.61	2.9
BELLE MINA, AL	427	23.9	1.63	88	48.04	4.37	2.9
AUBURN, AL	430	23.2	1.62	88	47.31	4.26	2.9

AUBURN, AL

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
SG 125	488	A	3.78	43.0	8.4	113	1.03	0.51	198	8.4	4.55
CHEMBRED CB 333	457	B A	3.71	40.5	8.7	121	0.99	0.50	196	6.3	4.80
DP 5409	449	B A C	3.66	42.6	8.1	112	1.00	0.50	220	7.0	5.10
STV LA 887	440	DB A C	4.10	40.2	9.7	138	1.10	0.54	233	6.8	4.80
CHEMBRED 407	438	DB A C	3.89	39.5	8.4	124	1.01	0.50	201	6.0	4.85
S-1001	430	DB A C	3.81	38.7	8.7	130	1.04	0.51	231	6.9	4.65
SUREGROW 501	429	DB A C	3.17	44.2	8.4	137	1.04	0.52	243	7.6	4.75
DPL 5690	426	DB A C	3.70	38.9	8.3	128	1.03	0.51	228	7.3	4.95
PAYMASTER HS 26	424	DB A C	4.25	39.0	9.6	122	0.98	0.51	222	8.0	4.65
DELTAPINE 50	413	DB A C	3.61	40.4	8.4	112	1.01	0.51	198	7.3	4.65
DELTAPINE 90	407	DB A C	3.92	39.3	8.0	124	1.02	0.52	230	6.3	4.70
STV KC311	406	DB A C	3.65	38.2	8.2	131	1.01	0.51	224	6.4	4.80
CB 1233	405	DB C	3.29	40.6	8.2	125	0.99	0.50	220	7.0	5.00
DELTAPINE 5415	394	DB C	3.35	40.2	7.3	124	1.03	0.51	230	7.8	4.65
STV 474	389	DB C	3.11	44.2	8.3	112	1.00	0.51	205	7.3	5.20
CHEMBRED CB 1135	376	DB C	4.25	39.0	8.8	119	0.99	0.50	204	6.8	4.60
GEORGIA KING	368	D C	3.72	41.3	8.1	132	1.01	0.50	227	6.9	4.65
HS46	357	D	3.61	38.0	8.6	137	1.02	0.51	238	7.0	4.65
ACALA 1517-88	258	E	3.56	39.1	9.1	160	1.11	0.54	257	6.0	4.30

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)							Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
SG 125	1.00	82.8	26.6	10.0	67.3	9.3	4.70	707	17.86	4.04	0.39

CHEMBRED CB 333	1.00	82.4	27.0	9.8	65.6	8.3	4.70	622	19.80	3.97	0.48
DP 5409	0.98	82.4	29.1	10.0	68.5	8.3	5.05	600	19.06	4.03	0.46
STV LA 887	1.08	84.5	31.7	10.0	67.8	9.0	4.85	655	20.41	4.02	0.67
CHEMBRED 407	1.00	82.7	28.8	9.5	67.8	8.0	4.85	622	19.66	3.92	0.59
S-1001	1.00	82.9	31.9	9.7	68.6	8.2	4.95	671	20.64	3.88	0.70
SUREGROW 501	1.03	83.0	32.0	10.0	65.9	8.3	4.85	510	18.47	3.85	0.77
DPL 5690	1.01	83.5	31.5	9.6	69.4	7.7	5.10	629	20.43	4.02	0.51
PAYMASTER HS 26	0.95	83.6	30.8	10.0	68.2	8.1	4.60	648	20.19	4.00	0.53
DELTAPINE 50	0.98	83.4	26.8	9.9	67.0	8.5	4.65	653	19.91	3.84	0.62
DELTAPINE 90	0.99	82.9	32.7	9.9	66.9	8.1	4.85	614	20.41	3.95	0.65
STV KC311	1.01	83.0	32.3	9.9	66.5	7.9	5.00	576	20.68	3.99	0.65
CB 1233	0.99	82.6	30.9	9.8	67.4	8.1	5.05	553	20.21	4.16	0.60
DELTAPINE 5415	1.03	83.2	29.2	10.0	69.0	8.4	4.65	595	18.10	3.51	0.59
STV 474	0.98	81.4	27.0	9.9	66.5	9.5	5.35	537	18.87	4.25	0.71
CHEMBRED CB 1135	0.97	82.7	29.3	9.7	67.1	8.2	4.50	588	20.17	4.22	0.61
GEORGIA KING	1.02	82.6	30.3	9.9	67.5	9.0	4.65	537	19.14	4.10	0.53
HS46	1.04	82.5	32.4	9.7	67.5	8.7	4.50	557	19.83	3.87	0.58
ACALA 1517-88	1.11	82.5	35.3	9.7	67.7	8.9	4.55	368	20.29	3.92	0.43

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
SG 125	.	.	.	.	.	.	.
CHEMBRED CB 333	.	.	.	.	.	.	.
DP 5409	.	.	.	.	.	.	.
STV LA 887	.	.	.	.	.	.	.
CHEMBRED 407	.	.	.	.	.	.	.
S-1001	.	.	.	.	.	.	.
SUREGROW 501	.	.	.	.	.	.	.
DPL 5690	.	.	.	.	.	.	.
PAYMASTER HS 26	431	26.3	1.69	86	49.14	4.41	2.8
DELTAPINE 50	423	27.8	1.71	85	51.00	4.66	2.9
DELTAPINE 90	414	21.0	1.57	90	47.71	4.46	3.0
STV KC311	.	.	.	.	.	.	.
CB 1233	.	.	.	.	.	.	.
DELTAPINE 5415	.	.	.	.	.	.	.
STV 474	.	.	.	.	.	.	.
CHEMBRED CB 1135	.	.	.	.	.	.	.
GEORGIA KING	.	.	.	.	.	.	.

HS46	.	.	.	.	.	.	.
ACALA 1517-88	454	17.8	1.50	93	41.38	3.52	2.8

FLORENCE, SC

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
DELTAPINE 90	1332	A	5.13	41.2	8.7	131	1.12	0.55	204	7.8	4.70
SUREGROW 501	1275	B A	4.89	42.4	8.9	138	1.12	0.57	228	9.3	4.80
CHEMBRED 407	1203	B A	5.05	40.4	9.0	131	1.11	0.54	198	7.5	4.85
CHEMBRED CB 1135	1202	B A	5.46	40.9	9.2	124	1.10	0.54	201	7.5	4.55
CB 1233	1199	B A	5.11	41.3	9.0	128	1.12	0.56	202	7.5	4.80
STV 474	1192	B A	4.75	43.4	9.4	113	1.08	0.54	188	8.4	5.30
CHEMBRED CB 333	1191	B A	5.88	40.6	10.1	118	1.10	0.56	191	8.3	4.70
DELTAPINE 5415	1188	B A	4.94	41.1	8.2	128	1.15	0.55	199	9.5	4.80
GEORGIA KING	1183	B A	5.98	43.0	9.4	133	1.15	0.56	225	8.8	4.95
SG 125	1164	B A	5.04	41.0	9.8	118	1.11	0.54	188	9.6	4.70
DPL 5690	1160	B A	5.28	41.8	8.8	129	1.10	0.55	207	7.5	4.95
STV LA 887	1130	B A	6.34	43.3	10.4	129	1.12	0.56	212	8.6	4.90
STV KC311	1104	B A	5.09	40.0	8.8	143	1.14	0.55	218	7.5	4.55
DELTAPINE 50	1086	B A	5.42	38.1	9.7	119	1.14	0.56	179	9.4	4.80
S-1001	1067	B A C	4.94	40.0	9.2	144	1.16	0.58	227	8.5	4.35
DP 5409	1046	B A C	4.57	40.7	8.6	119	1.14	0.56	199	8.8	4.45
HS46	1015	B D C	5.17	40.1	9.4	137	1.17	0.57	224	8.4	4.50
PAYMASTER HS 26	792	D C	6.04	38.4	10.6	116	1.07	0.56	194	9.4	4.75
ACALA 1517-88	760	D	5.41	39.1	10.6	152	1.19	0.59	238	6.9	4.65

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)					Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL

											(%)
DELTAPINE 90	1.12	81.0	31.9	10.0	78.3	8.3	4.60	1931	22.96	3.18	1.12
SUREGROW 501	1.15	82.1	31.6	10.5	77.1	8.6	4.85	1364	20.41	2.96	1.24
CHEMBRED 407	1.12	80.7	28.8	10.0	77.8	8.3	4.80	1790	21.80	3.36	1.08
CHEMBRED CB 1135	1.14	80.8	28.9	10.0	77.5	8.9	4.40	1786	22.44	3.27	1.10
CB 1233	1.12	80.8	31.4	10.5	76.6	8.1	4.70	1595	23.12	3.33	1.05
STV 474	1.12	80.3	26.9	10.5	76.4	8.8	5.30	1563	22.08	3.46	1.22
CHEMBRED CB 333	1.12	81.4	28.0	10.0	77.8	8.2	4.70	1587	23.58	3.28	0.98
DELTAPINE 5415	1.16	81.2	29.3	11.0	78.7	8.1	4.80	1615	19.49	3.10	0.99
GEORGIA KING	1.15	81.6	31.6	10.0	76.8	8.7	4.75	1243	23.20	3.42	0.90
SG 125	1.15	81.2	25.3	10.0	76.6	9.0	4.75	1329	20.51	3.31	1.03
DPL 5690	1.12	80.9	30.9	10.5	78.2	8.1	5.00	1559	22.75	3.31	1.01
STV LA 887	1.15	81.2	30.1	10.5	76.4	9.2	5.00	1323	22.45	3.38	1.19
STV KC311	1.16	81.8	32.7	10.0	78.6	8.4	4.45	1291	22.22	3.33	0.99
DELTAPINE 50	1.15	82.4	25.6	10.0	79.5	8.2	4.65	1648	22.52	3.19	1.23
S-1001	1.19	81.7	32.2	10.0	78.0	8.6	4.30	1287	21.28	3.31	1.09
DP 5409	1.18	81.8	28.2	10.5	79.3	8.4	4.30	1550	21.54	3.26	1.12
HS46	1.19	81.1	31.9	10.5	77.7	8.9	4.35	1410	21.17	3.36	0.80
PAYMASTER HS 26	1.06	80.9	29.3	11.0	75.1	8.4	5.00	1123	22.75	3.23	1.08
ACALA 1517-88	1.22	81.2	33.6	10.0	76.0	8.4	4.55	1005	23.30	3.59	0.84

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
DELTAPINE 90	417	25.5	1.67	86	50.30	4.66	2.9
SUREGROW 501	.	.	.	.	.	.	.
CHEMBRED 407	.	.	.	.	.	.	.
CHEMBRED CB 1135	.	.	.	.	.	.	.
CB 1233	.	.	.	.	.	.	.
STV 474	.	.	.	.	.	.	.
CHEMBRED CB 333	.	.	.	.	.	.	.
DELTAPINE 5415	.	.	.	.	.	.	.
GEORGIA KING	.	.	.	.	.	.	.
SG 125	.	.	.	.	.	.	.
DPL 5690	.	.	.	.	.	.	.
STV LA 887	.	.	.	.	.	.	.
STV KC311	.	.	.	.	.	.	.

DELTAPINE 50	426	32.5	1.81	81	53.21	4.83	2.8
S-1001	.	.	.	.	.	.	.
DP 5409	.	.	.	.	.	.	.
HS46	.	.	.	.	.	.	.
PAYMASTER HS 26	411	24.0	1.64	88	50.01	4.70	3.0
ACALA 1517-88	433	23.8	1.63	88	47.36	4.23	2.9

BELLE MINA, AL

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
STV KC311	842	A	5.17	39.2	9.4	152	1.12	0.57	234	6.8	4.55
S-1001	826	B A	4.94	38.8	9.3	145	1.14	0.56	250	6.6	4.90
DPL 5690	814	B A	4.96	40.9	8.9	145	1.08	0.54	236	6.9	4.65
DELTAPINE 5415	795	B A	4.83	41.7	8.2	129	1.09	0.53	209	8.1	4.85
CHEMBRED 407	780	B A C	5.01	40.3	9.2	139	1.11	0.55	205	7.0	4.65
STV LA 887	768	DB A C	6.32	41.8	9.7	150	1.13	0.56	239	7.9	4.45
DELTAPINE 90	756	DBEA C	5.00	40.2	8.7	143	1.08	0.54	229	7.0	4.90
SUREGROW 501	756	DBEA C	5.08	42.6	8.4	150	1.13	0.56	247	7.6	5.00
SG 125	755	DBEA C	5.21	42.1	9.2	125	1.12	0.54	200	7.9	4.85
STV 474	747	DBEA C	4.89	43.6	9.3	131	1.07	0.52	217	7.5	4.85
GEORGIA KING	730	DBE C	4.97	42.1	9.5	141	1.12	0.55	228	7.1	4.65
CB 1233	725	DBE C	5.06	39.7	9.4	139	1.09	0.54	223	6.9	4.75
HS46	721	DBE C	4.70	40.6	9.2	154	1.09	0.54	246	7.0	4.20
CHEMBRED CB 1135	673	D EF C	5.39	40.9	9.4	133	1.11	0.54	225	6.5	4.75
CHEMBRED CB 333	667	D EF	5.47	39.9	9.6	125	1.10	0.53	198	7.5	4.65
DELTAPINE 50	653	GEF	5.60	39.2	9.7	112	1.11	0.53	192	7.1	4.95
ACALA 1517-88	613	G F H	5.16	39.1	9.8	162	1.17	0.56	249	6.4	4.10
DP 5409	564	G H	4.79	42.0	8.6	109	1.10	0.52	204	8.1	5.20
PAYMASTER HS 26	522	H	5.91	40.5	10.3	129	1.07	0.54	221	8.0	4.90

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
STV KC311	1.12	84.5	32.9	9.9	70.0	8.9	4.50	1252	20.20	3.61	0.90
S-1001	1.12	83.9	33.1	9.8	70.8	9.1	4.85	1325	21.27	3.74	0.84
DPL 5690	1.08	84.2	32.6	9.8	72.4	9.0	4.50	1168	20.59	3.57	0.83
DELTAPINE 5415	1.09	83.6	29.3	10.0	70.7	9.1	5.10	1050	18.63	3.73	0.85
CHEMBRED 407	1.11	83.7	29.7	9.8	70.8	8.8	4.60	1177	20.25	3.75	0.95
STV LA 887	1.15	84.3	32.4	10.0	69.1	9.7	4.40	1028	19.90	3.58	0.92
DELTAPINE 90	1.10	83.5	31.8	9.8	70.1	8.9	4.80	1066	20.78	3.72	0.98
SUREGROW 501	1.10	83.9	32.5	10.0	70.1	9.1	4.85	988	18.97	3.70	0.96
SG 125	1.13	83.4	26.7	10.0	69.5	9.6	4.80	976	18.86	3.85	0.65
STV 474	1.08	83.7	30.0	10.0	68.3	9.3	5.10	987	19.21	3.92	0.96
GEORGIA KING	1.10	82.9	30.2	9.9	66.8	9.3	4.65	938	19.17	3.66	0.67
CB 1233	1.10	83.7	31.7	10.0	69.1	8.7	4.80	1065	21.12	3.87	0.87
HS46	1.11	84.7	33.1	10.0	72.3	9.2	4.20	1017	19.05	3.64	0.83
CHEMBRED CB 1135	1.11	82.6	30.5	9.9	70.2	8.7	4.75	973	20.96	3.89	0.83
CHEMBRED CB 333	1.10	83.4	28.7	9.7	69.4	8.9	4.50	982	21.01	3.77	0.90
DELTAPINE 50	1.10	83.2	26.3	10.0	70.0	8.8	5.05	901	20.31	3.72	0.91
ACALA 1517-88	1.17	84.2	35.1	9.7	69.7	9.1	4.10	966	20.03	3.91	0.58
DP 5409	1.08	83.3	27.9	10.0	71.5	9.5	5.30	769	19.25	3.97	0.71
PAYMASTER HS 26	1.04	83.5	30.4	10.0	68.1	8.9	5.05	705	21.29	3.80	0.82

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STV KC311	.	.	.	.	.	.	.
S-1001	.	.	.	.	.	.	.
DPL 5690	.	.	.	.	.	.	.
DELTAPINE 5415	.	.	.	.	.	.	.
CHEMBRED 407	.	.	.	.	.	.	.
STV LA 887	.	.	.	.	.	.	.
DELTAPINE 90	416	12.5	1.37	98	41.35	3.84	3.2
SUREGROW 501	.	.	.	.	.	.	.
SG 125	.	.	.	.	.	.	.

STV 474	.	.	.	.	.	.	.
GEORGIA KING	.	.	.	.	.	.	.
CB 1233	.	.	.	.	.	.	.
HS46	.	.	.	.	.	.	.
CHEMBRED CB 1135	.	.	.	.	.	.	.
CHEMBRED CB 333	.	.	.	.	.	.	.
DELTAPINE 50	409	27.8	1.71	85	52.55	4.97	3.0
ACALA 1517-88	466	25.0	1.66	87	44.62	3.70	2.7
DP 5409	.	.	.	.	.	.	.
PAYMASTER HS 26	413	24.8	1.65	87	50.29	4.71	3.0

1995 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

1995 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
STV 474	1181	A	4.93	40.5	9.7	135	1.11	0.59	191	7.5	4.90
SG 125	1144	A	5.14	39.0	9.6	133	1.12	0.58	184	8.0	4.68
DELTAPINE 20	1079	B	4.94	37.4	9.8	130	1.10	0.56	186	8.1	4.58
STV LA 887	1065	B	5.92	38.7	10.6	145	1.13	0.58	224	7.8	4.72
DES 119	1049	B	4.86	37.5	9.3	139	1.12	0.58	205	7.6	4.75
DELTAPINE 50	1049	B	5.26	34.7	10.5	133	1.12	0.57	203	7.7	4.73
H 1215 Hartz	1048	B	4.92	38.2	10.6	137	1.14	0.57	204	7.3	4.42
DELTAPINE 90	979	C	4.65	37.9	9.2	145	1.09	0.56	227	6.8	4.65
PAYMASTER HS 26	946	D C	6.14	35.3	10.8	139	1.08	0.56	226	7.9	4.45
ACALA 1517-88	896	D	5.15	36.3	10.1	166	1.18	0.60	246	6.3	4.33

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)							Seed Data			
	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
STV 474	1.08	84.9	29.6	9.7	72.4	7.9	4.88	1746	19.98	3.52	1.27
SG 125	1.10	84.6	26.9	9.7	74.4	8.2	4.68	1820	18.73	3.53	0.80
DELTAPINE 20	1.09	84.8	26.8	9.8	76.3	7.3	4.60	1881	20.00	3.44	1.06
STV LA 887	1.12	85.1	32.2	10.1	73.0	8.6	4.70	1746	20.17	3.42	1.04
DES 119	1.10	85.7	30.3	10.2	71.6	7.8	4.83	1785	20.01	3.46	1.05
DELTAPINE 50	1.10	85.2	29.2	9.8	73.6	7.2	4.68	1939	20.39	3.37	1.00
H 1215 Hartz	1.14	85.5	29.3	9.8	75.0	7.7	4.40	1725	19.37	3.69	1.17
DELTAPINE 90	1.09	84.1	32.6	9.7	74.1	7.9	4.77	1637	20.76	3.51	0.96
PAYMASTER HS 26	1.06	84.3	32.0	10.1	74.1	7.6	4.40	1741	20.56	3.54	0.99
ACALA 1517-88	1.15	85.0	34.6	9.5	73.3	8.1	4.22	1606	21.00	3.62	0.69

VARIETY	Arealometer Data						
	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STV 474	.	.	.	.	.	.	.
SG 125	.	.	.	.	.	.	.
DELTAPINE 20	.	.	.	.	.	.	.
STV LA 887	.	.	.	.	.	.	.
DES 119	.	.	.	.	.	.	.
DELTAPINE 50	411	20.6	1.56	91	47.77	4.50	3.05
H 1215 Hartz	.	.	.	.	.	.	.
DELTAPINE 90	418	22.0	1.59	90	47.72	4.41	3.00
PAYMASTER HS 26	432	27.7	1.71	85	49.78	4.47	2.83
ACALA 1517-88	463	22.4	1.59	89	43.26	3.63	2.72

BOLL SIZE, GRAM PER BOLL		
PAYMASTER HS 26	6.14	A
STV LA 887	5.92	B A
DELTAPINE 50	5.26	B C
ACALA 1517-88	5.15	B C
SG 125	5.14	B C
DELTAPINE 20	4.94	C
STV 474	4.93	C
H 1215 Hartz	4.92	C
DES 119	4.86	C
DELTAPINE 90	4.65	C

YARN TENACITY		
ACALA 1517-88	166	A
DELTAPINE 90	145	B
STV LA 887	145	B
DES 119	139	C B
PAYMASTER HS 26	139	C B
H 1215 Hartz	137	C B
STV 474	135	C
DELTAPINE 50	133	C
SG 125	133	C
DELTAPINE 20	130	C

LINT PERCENT		
STV 474	40.5	A
SG 125	39.0	B
STV LA 887	38.7	C B
H 1215 Hartz	38.2	C B D
DELTAPINE 90	37.9	C D
DES 119	37.5	D
DELTAPINE 20	37.4	D
ACALA 1517-88	36.3	E
PAYMASTER HS 26	35.3	F
DELTAPINE 50	34.7	F

FIBROGRAPH--2.5% S. L.		
ACALA 1517-88	1.18	A
H 1215 Hartz	1.14	B
STV LA 887	1.13	C B
DES 119	1.12	C B D
DELTAPINE 50	1.12	EC B D
SG 125	1.12	EC B D
STV 474	1.11	EC D
DELTAPINE 20	1.10	E F D
DELTAPINE 90	1.09	E F
PAYMASTER HS 26	1.08	F

SEED INDEX		
PAYMASTER HS 26	10.8	A
STV LA 887	10.6	B A
H 1215 Hartz	10.6	B A
DELTAPINE 50	10.5	B A
ACALA 1517-88	10.1	B C
DELTAPINE 20	9.8	D C
STV 474	9.7	D C
SG 125	9.6	D C
DES 119	9.3	D
DELTAPINE 90	9.2	D

FIBROGRAPH--50% S. L.		
ACALA 1517-88	0.60	A
STV 474	0.59	B A
DES 119	0.58	B A
STV LA 887	0.58	B A
SG 125	0.58	B A
DELTAPINE 50	0.57	B A
H 1215 Hartz	0.57	B A
DELTAPINE 20	0.56	B
PAYMASTER HS 26	0.56	B
DELTAPINE 90	0.56	B

STELOMETER - T1		
ACALA 1517-88	246	A
DELTAPINE 90	227	B

2.5% S.L. (INCHES)		
ACALA 1517-88	1.15	A
H 1215 Hartz	1.14	A

STELOMETER - E1		
DELTAPINE 20	8.1	A
SG 125	8.0	B A

PAYMASTER HS 26	226	B
STV LA 887	224	B
DES 119	205	C
H 1215 Hartz	204	D C
DELTAPINE 50	203	D C
STV 474	191	D C E
DELTAPINE 20	186	D E
SG 125	184	E

STV LA 887	1.12	B
DES 119	1.10	C B
DELTAPINE 50	1.10	C B D
SG 125	1.10	C B D
DELTAPINE 20	1.09	C D
DELTAPINE 90	1.09	C D
STV 474	1.08	E D
PAYMASTER HS 26	1.06	E

PAYMASTER HS 26	7.9	B A C
STV LA 887	7.8	B A C
DELTAPINE 50	7.7	DB A C
DES 119	7.6	DB C
STV 474	7.5	D C
H 1215 Hartz	7.3	D
DELTAPINE 90	6.8	E
ACALA 1517-88	6.3	F

UR (PERCENT)

DES 119	85.7	A
H 1215 Hartz	85.5	A
DELTAPINE 50	85.2	B A
STV LA 887	85.1	B A
ACALA 1517-88	85.0	B A
STV 474	84.9	B A
DELTAPINE 20	84.8	B A
SG 125	84.6	B A
PAYMASTER HS 26	84.3	B
DELTAPINE 90	84.1	B

MICRONAIRE

STV 474	4.90	A
DES 119	4.75	B A
DELTAPINE 50	4.73	B A
STV LA 887	4.72	B A
SG 125	4.68	B A
DELTAPINE 90	4.65	B A C
DELTAPINE 20	4.58	B A C
PAYMASTER HS 26	4.45	B C
H 1215 Hartz	4.42	B C
ACALA 1517-88	4.33	C

STRENGTH (G/TEX)

ACALA 1517-88	34.6	A
DELTAPINE 90	32.6	BA
STV LA 887	32.2	B
PAYMASTER HS 26	32.0	B
DES 119	30.3	BC
STV 474	29.6	C
H 1215 Hartz	29.3	C
DELTAPINE 50	29.2	C
SG 125	26.9	D
DELTAPINE 20	26.8	D

E

DES 119	10.2	A
PAYMASTER HS 26	10.1	B A
STV LA 887	10.1	B A
DELTAPINE 50	9.8	B A C
DELTAPINE 20	9.8	B A C
H 1215 Hartz	9.8	B C
STV 474	9.7	B C
DELTAPINE 90	9.7	B C
SG 125	9.7	B C

MICRONAIRE (SL-HVI)

STV 474	4.88	A
DES 119	4.83	A
DELTAPINE 90	4.77	A
STV LA 887	4.70	B A
DELTAPINE 50	4.68	B A
SG 125	4.68	B A
DELTAPINE 20	4.60	B A
PAYMASTER HS 26	4.40	B C
H 1215 Hartz	4.40	B C

COLORIMETER - Rd

DELTAPINE 20	76.3	A
H 1215 Hartz	75.0	B A
SG 125	74.4	B A
DELTAPINE 90	74.1	B A C
PAYMASTER HS 26	74.1	B A C
DELTAPINE 50	73.6	B C
ACALA 1517-88	73.3	B C
STV LA 887	73.0	B C
STV 474	72.4	B C

ACALA 1517-88	9.5	C
ACALA 1517-88	4.22	C
DES 119	71.6	C

OIL (PERCENT)

ACALA 1517-88	21.00	A
DELTAPINE 90	20.76	A
PAYMASTER HS 26	20.56	B A
DELTAPINE 50	20.39	B A
STV LA 887	20.17	B A
DES 119	20.01	B A
DELTAPINE 20	20.00	B A
STV 474	19.98	B A
H 1215 Hartz	19.37	B C
SG 125	18.73	C

FREE GOSSYPOL (PERCENT)

STV 474	1.27	A
H 1215 Hartz	1.17	B
DELTAPINE 20	1.06	C
DES 119	1.05	C
STV LA 887	1.04	C
DELTAPINE 50	1.00	C
PAYMASTER HS 26	0.99	C
DELTAPINE 90	0.96	C
SG 125	0.80	D
ACALA 1517-88	0.69	E

COLORIMETER - b

STV LA 887	8.6	A
SG 125	8.2	B A
ACALA 1517-88	8.1	B A C
STV 474	7.9	B C
DELTAPINE 90	7.9	B C
DES 119	7.8	B D C
H 1215 Hartz	7.7	EB D C
PAYMASTER HS 26	7.6	E D C
DELTAPINE 20	7.3	E D
DELTAPINE 50	7.2	E

NITROGEN (PERCENT)

H 1215 Hartz	3.69	A
ACALA 1517-88	3.62	B A
PAYMASTER HS 26	3.54	B A C
SG 125	3.53	B A C
STV 474	3.52	B A C
DELTAPINE 90	3.51	B C
DES 119	3.46	B C
DELTAPINE 20	3.44	B C
STV LA 887	3.42	C
DELTAPINE 50	3.37	C

SEED YIELD (LB/ACRE)

DELTAPINE 50	1939	A
DELTAPINE 20	1880	B A
SG 125	1820	B A C
DES 119	1784	B C
STV LA 887	1746	B D C
STV 474	1746	B D C
PAYMASTER HS 26	1740	D C
H 1215 Hartz	1724	E D C
DELTAPINE 90	1636	E D
ACALA 1517-88	1606	E

AREALOMETER - A (mm2/mm3)		
ACALA 1517-88	463	A
PAYMASTER HS 26	432	B A
DELTAPINE 90	418	B
DELTAPINE 50	411	B

AREALOMETER - M (PERCENT)		
DELTAPINE 50	91	A
DELTAPINE 90	90	A
ACALA 1517-88	89	A
PAYMASTER HS 26	85	A

AREALOMETER - D (mm2/mm3)		
PAYMASTER HS 26	27.7	A
ACALA 1517-88	22.4	A
DELTAPINE 90	22.0	A
DELTAPINE 50	20.6	A

AREALOMETER - p (Microns)		
PAYMASTER HS 26	49.78	A
DELTAPINE 50	47.77	A
DELTAPINE 90	47.72	A
ACALA 1517-88	43.26	B

AREALOMETER - t (MICRONS)		
DELTAPINE 50	3.05	A
DELTAPINE 90	3.00	B A
PAYMASTER HS 26	2.83	B A
ACALA 1517-88	2.72	B

AREALOMETER - I		
PAYMASTER HS 26	1.7	A
DELTAPINE 90	1.6	A
ACALA 1517-88	1.6	A
DELTAPINE 50	1.6	A

AREALOMETER -w (MG/INCH)		
DELTAPINE 50	4.50	A
PAYMASTER HS 26	4.47	A
DELTAPINE 90	4.41	A
ACALA 1517-88	3.63	B

LOCATIONS COMBINING VARIETIES

LOCATION	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)

SAINT JOSEPH, LA	1213	A	5.02	38.1	10.2	130	1.09	0.56	197	7.2	4.79
STONEVILLE, MS	1090	B	.	38.1	9.8	142	1.10	0.57	215	7.6	4.20
CLARKEDALE, AR	781	C	5.36	36.2	.	149	1.16	0.60	217	7.7	4.88

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						---------- Seed Data --------				
LOCATION	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
SAINT JOSEPH, LA	1.07	83.3	28.6	9.7	76.7	7.8	4.75	1954	20.52	3.31	1.00
STONEVILLE, MS	1.09	84.5	30.7	9.6	69.8	7.6	4.24	1859	18.84	3.52	0.92
CLARKEDALE, AR	1.15	86.9	31.6	10.2	74.8	8.1	4.87	1428	20.93	3.69	1.09

	Arealometer Data						
LOCATION	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
SAINT JOSEPH, LA	424	22.4	1.60	89	47.54	4.35	2.9
STONEVILLE, MS	460	25.7	1.66	87	45.45	3.84	2.7
CLARKEDALE, AR	409	21.4	1.58	90	48.41	4.57	3.1

SAINT JOSEPH, LA

						Digital Fibrograph		Stelometer		
VARIETY	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)	MICRONAIRE (Reading)

STV 474	1369	A	4.62	40.9	9.9	124	1.06	0.56	183	7.0	4.90
SG 125	1341	A	5.05	40.0	9.6	123	1.10	0.56	185	7.6	4.55
STV LA 887	1289	B A	5.65	39.6	11.2	135	1.09	0.56	209	7.5	4.95
H 1215 Hartz	1228	B C	4.78	39.5	11.0	131	1.11	0.56	194	7.3	4.60
DES 119	1223	B C	4.31	37.8	9.6	129	1.10	0.55	201	7.4	4.95
DELTAPINE 50	1210	B C	5.10	35.0	10.3	118	1.08	0.53	175	7.3	4.90
DELTAPINE 20	1209	B C	5.18	37.5	10.0	123	1.09	0.56	174	7.9	4.75
DELTAPINE 90	1167	D C	4.91	38.3	9.6	135	1.07	0.54	207	6.5	5.05
PAYMASTER HS 26	1064	D E	5.67	35.6	10.9	134	1.06	0.54	223	7.5	4.70
ACALA 1517-88	1034	E	4.98	36.7	10.5	150	1.15	0.59	224	6.4	4.50

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						---------- Seed Data --------			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
STV 474	1.04	83.2	28.8	9.9	75.4	8.0	4.95	1930	20.49	3.30	1.30
SG 125	1.07	83.0	26.2	9.8	75.9	8.2	4.65	2061	18.58	3.29	0.79
STV LA 887	1.09	83.8	29.9	10.0	75.9	8.5	5.00	1951	20.12	3.13	1.03
H 1215 Hartz	1.12	84.5	27.5	10.0	77.3	7.9	4.55	1903	19.66	3.43	1.13
DES 119	1.07	83.4	29.1	10.0	74.1	8.1	5.00	2013	20.13	3.32	1.05
DELTAPINE 50	1.07	82.7	25.9	9.6	78.4	7.4	4.70	2202	21.62	3.35	1.09
DELTAPINE 20	1.06	83.3	25.0	9.6	78.8	7.1	4.85	2051	20.59	3.28	1.03
DELTAPINE 90	1.05	82.8	31.8	9.6	77.4	7.8	5.05	1799	21.08	3.26	0.94
PAYMASTER HS 26	1.04	82.8	30.9	9.9	77.7	7.7	4.40	1836	20.91	3.30	0.93
ACALA 1517-88	1.14	83.7	31.6	9.2	76.7	7.8	4.30	1790	22.06	3.52	0.71

	Arealometer Data						
VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STV 474	.	.	.	.	.	.	.

SG 125	.	.	.	.	.	.	.
STV LA 887	.	.	.	.	.	.	.
H 1215 Hartz	.	.	.	.	.	.	.
DES 119	.	.	.	.	.	.	.
DELTAPINE 50	411	23.3	1.62	88	49.59	4.67	3.0
DELTAPINE 20	.	.	.	.	.	.	.
DELTAPINE 90	403	18.5	1.51	92	47.19	4.52	3.2
PAYMASTER HS 26	420	26.8	1.69	85	50.56	4.64	2.9
ACALA 1517-88	463	21.3	1.58	90	42.81	3.57	2.7

STONEVILLE, MS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
STV 474	1195	A	.	40.9	9.5	135	1.11	0.59	192	7.8	4.55
SG 125	1175	B A	.	39.1	9.6	135	1.11	0.59	183	8.1	4.45
DELTAPINE 20	1160	B A C	.	37.7	9.7	130	1.08	0.56	186	8.3	4.30
STV LA 887	1121	B A C	.	39.0	10.2	150	1.13	0.58	233	7.6	4.20
DES 119	1113	B A C	.	38.3	9.1	141	1.09	0.56	215	7.8	4.40
DELTAPINE 50	1104	B C	.	35.9	10.6	141	1.12	0.59	221	7.5	4.45
H 1215 Hartz	1086	C	.	38.9	10.3	138	1.13	0.57	201	7.4	3.90
DELTAPINE 90	1004	D	.	38.5	8.9	139	1.07	0.57	240	7.0	4.25
PAYMASTER HS 26	995	D	.	36.1	10.7	144	1.07	0.56	228	8.0	3.75
ACALA 1517-88	949	D	.	36.5	9.8	168	1.15	0.58	248	6.1	3.75

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)

STV 474	1.08	84.8	28.7	9.3	68.2	7.5	4.45	1802	18.55	3.48	1.14
SG 125	1.08	84.2	27.1	9.4	72.3	8.2	4.45	1860	17.44	3.52	0.66
DELTAPINE 20	1.08	84.9	27.9	9.8	72.7	7.3	4.40	2019	19.71	3.40	1.06
STV LA 887	1.11	84.1	31.2	9.7	68.8	8.2	4.05	1948	19.07	3.47	0.97
DES 119	1.08	85.8	30.1	9.7	68.5	7.8	4.50	1862	18.53	3.49	0.91
DELTAPINE 50	1.09	85.1	32.2	9.9	66.1	6.8	4.50	1987	18.39	3.43	0.85
H 1215 Hartz	1.12	85.1	29.9	9.3	72.2	7.5	3.85	1809	18.02	3.70	1.17
DELTAPINE 90	1.06	83.1	32.6	9.7	70.8	7.3	4.45	1695	20.39	3.55	0.88
PAYMASTER HS 26	1.05	84.2	32.5	9.9	69.6	7.1	3.90	1863	19.41	3.64	0.92
ACALA 1517-88	1.13	83.6	35.0	9.3	69.2	8.2	3.85	1740	18.89	3.59	0.59

	Arealometer Data						
VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STV 474	.	.	.	.	.	.	.
SG 125	.	.	.	.	.	.	.
DELTAPINE 20	.	.	.	.	.	.	.
STV LA 887	.	.	.	.	.	.	.
DES 119	.	.	.	.	.	.	.
DELTAPINE 50	423	19.0	1.52	92	45.30	4.14	3.0
H 1215 Hartz	.	.	.	.	.	.	.
DELTAPINE 90	439	23.3	1.61	89	46.00	4.04	2.9
PAYMASTER HS 26	470	32.3	1.81	82	48.23	3.96	2.6
ACALA 1517-88	508	28.3	1.72	85	42.30	3.21	2.4

CLARKEDALE, AR

						Digital Fibrograph		Stelometer		
VARIETY	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)	MICRONAIRE (Reading)

STV 474	967		A	5.24	39.4	.	146	1.15	0.60	199	7.6	5.25
SG 125	886		A	5.23	38.0	.	141	1.15	0.59	183	8.1	5.05
H 1215 Hartz	792		B	5.06	35.8	.	143	1.19	0.59	216	7.4	4.75
DELTAPINE 20	788		B	4.71	36.8	.	138	1.12	0.56	198	8.1	4.70
DELTAPINE 50	779		B	5.42	32.8	.	141	1.17	0.59	215	8.4	4.85
DES 119	749		B	5.41	35.9	.	147	1.19	0.62	200	7.6	4.90
DELTAPINE 90	741	C	B	4.39	36.5	.	161	1.15	0.59	236	6.8	4.65
PAYMASTER HS 26	730	C	B	6.61	33.7	.	139	1.11	0.58	226	8.1	4.90
STV LA 887	730	C	B	6.19	37.4	.	149	1.18	0.62	229	8.3	5.00
ACALA 1517-88	652	C		5.32	35.5	.	180	1.23	0.63	267	6.3	4.75

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						---------- Seed Data --------				
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
STV 474	1.13	86.6	31.2	10.0	73.7	8.4	5.25	1478	20.89	3.78	1.39
SG 125	1.14	86.6	27.5	9.9	75.1	8.2	4.95	1520	20.17	3.78	0.94
H 1215 Hartz	1.18	86.9	30.5	10.0	75.5	7.8	4.80	1421	20.45	3.96	1.21
DELTAPINE 20	1.12	86.1	27.4	10.0	77.4	7.6	4.55	1502	19.71	3.64	1.10
DELTAPINE 50	1.16	87.8	29.4	10.0	76.5	7.6	4.85	1605	21.16	3.34	1.05
DES 119	1.16	88.0	31.9	11.0	72.2	7.6	5.00	1439	21.37	3.59	1.21
DELTAPINE 90	1.16	86.4	33.6	9.9	74.1	8.7	4.80	1386	20.80	3.72	1.05
PAYMASTER HS 26	1.10	86.0	32.6	10.5	74.9	7.9	4.90	1464	21.35	3.68	1.12
STV LA 887	1.15	87.5	35.5	10.5	74.3	9.0	5.05	1240	21.32	3.66	1.11
ACALA 1517-88	1.20	87.6	37.1	10.0	74.2	8.3	4.50	1222	22.06	3.76	0.76

	Arealometer Data						
VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STV 474	.	.	.	.	.	.	.

SG 125	.	.	.	.	.	.	.
H 1215 Hartz	.	.	.	.	.	.	.
DELTAPINE 20	.	.	.	.	.	.	.
DELTAPINE 50	399	19.5	1.54	92	48.43	4.69	3.2
DES 119	.	.	.	.	.	.	.
DELTAPINE 90	413	24.3	1.64	88	49.97	4.68	3.0
PAYMASTER HS 26	407	24.0	1.64	88	50.57	4.80	3.0
STV LA 887	.	.	.	.	.	.	.
ACALA 1517-88	419	17.8	1.49	93	44.68	4.11	3.1

1995 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

1995 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
STV LA 887	805	A	5.01	38.6	10.5	139	1.12	0.55	219	7.2	4.60
DELTAPINE 50	794	A	4.77	35.1	9.7	119	1.09	0.54	191	7.6	4.63
DES 119	776	A	4.22	37.8	9.2	132	1.09	0.55	207	7.7	4.60
DELTAPINE 90	769	A	4.32	37.5	8.7	134	1.09	0.54	212	6.5	4.71
PAYMASTER HS 26	691	A	5.40	35.0	10.8	132	1.07	0.54	222	7.6	4.39
ACALA 1517-88	598	A	8.11	35.8	10.5	156	1.15	0.57	241	6.4	4.15

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
STV LA 887	1.11	82.2	30.9	10.0	68.6	8.3	4.53	1316	19.47	3.59	0.66
DELTAPINE 50	1.09	81.8	25.2	9.7	70.0	7.2	4.58	1424	19.81	3.47	0.72
DES 119	1.08	82.5	28.3	10.0	65.6	7.8	4.50	1339	19.14	3.64	0.68
DELTAPINE 90	1.07	81.4	30.2	9.5	70.1	7.6	4.71	1185	19.58	3.71	0.65
PAYMASTER HS 26	1.04	81.9	29.2	9.9	69.9	7.3	4.39	1332	20.07	3.67	0.55
ACALA 1517-88	1.15	82.0	32.3	9.6	67.1	7.7	4.08	1173	20.21	3.83	0.50

VARIETY	Arealometer Data A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STV LA 887	.	.	.	.	.	.	.
DELTAPINE 50	429	26.4	1.67	86	48.87	4.42	2.90
DES 119	.	.	.	.	.	.	.
DELTAPINE 90	426	21.0	1.57	90	46.13	4.20	2.97
PAYMASTER HS 26	442	25.1	1.65	87	46.81	4.09	2.82
ACALA 1517-88	463	22.9	1.61	89	43.56	3.64	2.71

BOLL SIZE, GRAM PER BOLL			YARN TENACITY			LINT PERCENT		
ACALA 1517-88	8.11	A	ACALA 1517-88	156	A	STV LA 887	38.6	A
PAYMASTER HS 26	5.40	B A	STV LA 887	139	B	DES 119	37.8	A
STV LA 887	5.01	B	DELTAPINE 90	134	C	DELTAPINE 90	37.5	A
DELTAPINE 50	4.77	B	DES 119	132	C	ACALA 1517-88	35.8	B

DELTAPINE 90	4.32	B
DES 119	4.22	B

PAYMASTER HS 26	132	C
DELTAPINE 50	119	D

DELTAPINE 50	35.1	B
PAYMASTER HS 26	35.0	B

FIBROGRAPH--2.5% S. L.

ACALA 1517-88	1.15	A
STV LA 887	1.12	B
DELTAPINE 90	1.09	C
DELTAPINE 50	1.09	C
DES 119	1.09	C
PAYMASTER HS 26	1.07	C

SEED INDEX

PAYMASTER HS 26	10.8	A
ACALA 1517-88	10.5	A
STV LA 887	10.5	A
DELTAPINE 50	9.7	B
DES 119	9.2	C
DELTAPINE 90	8.7	D

FIBROGRAPH--50% S. L.

ACALA 1517-88	0.57	A
DES 119	0.55	B
STV LA 887	0.55	B
PAYMASTER HS 26	0.54	B
DELTAPINE 90	0.54	B
DELTAPINE 50	0.54	B

STELOMETER - T1

ACALA 1517-88	241	A
PAYMASTER HS 26	222	B
STV LA 887	219	B
DELTAPINE 90	212	C B
DES 119	207	C
DELTAPINE 50	191	D

2.5% S.L. (INCHES)

ACALA 1517-88	1.15	A
STV LA 887	1.11	B
DELTAPINE 50	1.09	C B
DES 119	1.08	C
DELTAPINE 90	1.07	C D
PAYMASTER HS 26	1.04	D

STELOMETER - E1

DES 119	7.7	A
DELTAPINE 50	7.6	B A
PAYMASTER HS 26	7.6	B A
STV LA 887	7.2	B
DELTAPINE 90	6.5	C
ACALA 1517-88	6.4	C

UR (PERCENT)

DES 119	82.5	A
STV LA 887	82.2	B A
ACALA 1517-88	82.0	B A
PAYMASTER HS 26	81.9	B C

MICRONAIRE

DELTAPINE 90	4.71	A
DELTAPINE 50	4.63	A
DES 119	4.60	A
STV LA 887	4.60	A

STRENGTH (G/TEX)

ACALA 1517-88	32.3	A
STV LA 887	30.9	B
DELTAPINE 90	30.2	CB
PAYMASTER HS 26	29.2	CD

DELTAPINE 50	81.8	B C	PAYMASTER HS 26	4.39	B A	DES 119	28.3	D
DELTAPINE 90	81.4	C	ACALA 1517-88	4.15	B	DELTAPINE 50	25.2	E

E			MICRONAIRE (SL-HVI)			COLORIMETER - Rd		
STV LA 887	10.0	A	DELTAPINE 90	4.71	A	DELTAPINE 90	70.1	A
DES 119	10.0	A	DELTAPINE 50	4.58	A	DELTAPINE 50	70.0	A
PAYMASTER HS 26	9.9	A	STV LA 887	4.53	A	PAYMASTER HS 26	69.9	A
DELTAPINE 50	9.7	B A	DES 119	4.50	A	STV LA 887	68.6	B A
ACALA 1517-88	9.6	B	PAYMASTER HS 26	4.39	B A	ACALA 1517-88	67.1	B C
DELTAPINE 90	9.5	B	ACALA 1517-88	4.08	B	DES 119	65.6	C

OIL (PERCENT)			FREE GOSSYPOL (PERCENT)			COLORIMETER - b		
ACALA 1517-88	20.21	A	DELTAPINE 50	0.72	A	STV LA 887	8.3	A
PAYMASTER HS 26	20.07	A	DES 119	0.68	A	DES 119	7.8	B A
DELTAPINE 50	19.81	B A	STV LA 887	0.66	B A	ACALA 1517-88	7.7	B C
DELTAPINE 90	19.58	B A	DELTAPINE 90	0.65	B A	DELTAPINE 90	7.6	B C
STV LA 887	19.47	B A	PAYMASTER HS 26	0.55	B A	PAYMASTER HS 26	7.3	C
DES 119	19.14	B	ACALA 1517-88	0.50	B	DELTAPINE 50	7.2	C

NITROGEN (PERCENT)			SEED YIELD (LB/ACRE)		
ACALA 1517-88	3.83	A	DELTAPINE 50	1423	A
DELTAPINE 90	3.71	B	DES 119	1338	A
PAYMASTER HS 26	3.67	B	PAYMASTER HS 26	1331	A
DES 119	3.64	B	STV LA 887	1316	A

STV LA 887	3.59	B	DELTAPINE 90	1185	A
DELTAPINE 50	3.47	C	ACALA 1517-88	1172	A

AREALOMETER - A (mm2/mm3)			AREALOMETER - M (PERCENT)			AREALOMETER - D (mm2/mm3)		
ACALA 1517-88	463	A	DELTAPINE 90	90	A	DELTAPINE 50	26.4	A
PAYMASTER HS 26	442	B A	ACALA 1517-88	89	A	PAYMASTER HS 26	25.1	A
DELTAPINE 50	429	B	PAYMASTER HS 26	87	A	ACALA 1517-88	22.9	A
DELTAPINE 90	426	B	DELTAPINE 50	86	A	DELTAPINE 90	21.0	A

AREALOMETER - p (Microns)			AREALOMETER - t (MICRONS)			AREALOMETER - I		
DELTAPINE 50	48.87	A	DELTAPINE 90	2.97	A	DELTAPINE 50	1.7	A
PAYMASTER HS 26	46.81	B A	DELTAPINE 50	2.90	B A	PAYMASTER HS 26	1.7	A
DELTAPINE 90	46.13	B	PAYMASTER HS 26	2.82	B A	ACALA 1517-88	1.6	A
ACALA 1517-88	43.56	C	ACALA 1517-88	2.71	B	DELTAPINE 90	1.6	A

AREALOMETER -w (MG/INCH)		
DELTAPINE 50	4.42	A
DELTAPINE 90	4.20	B A
PAYMASTER HS 26	4.09	B
ACALA 1517-88	3.64	C

LOCATIONS COMBINING VARIETIES

LOCATION	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
BEEVILLE, TX	1055	A	7.26	34.4	10.4	135	1.11	0.54	216	7.4	4.18
BOSSIER CITY, LA	845	B	4.92	38.8	10.0	137	1.09	0.54	217	6.8	4.98
COLLEGE STATION, TX	704	B	4.73	37.1	9.8	134	1.11	0.56	217	7.0	4.76
WESLACO, TX	280	C	4.38	36.3	9.3	135	1.10	0.54	212	7.3	4.13

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						Seed Data				
LOCATION	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
BEEVILLE, TX	1.10	81.3	27.8	9.9	68.7	8.1	4.02	1970	19.67	3.64	0.51
BOSSIER CITY, LA	1.09	83.6	31.4	9.7	72.4	7.7	4.97	1458	20.10	3.56	0.71
COLLEGE STATION, TX	1.10	81.8	28.6	9.7	64.3	6.0	4.82	1302	21.25	3.49	0.81
WESLACO, TX	1.08	81.1	29.7	9.8	68.8	8.8	4.05	462	17.84	3.91	0.48

	Arealometer Data						
LOCATION	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
BEEVILLE, TX	472	32.8	1.81	81	48.20	3.94	2.6

BOSSIER CITY, LA	406	17.6	1.49	93	46.16	4.40	3.2
COLLEGE STATION, TX	420	18.8	1.51	92	45.32	4.17	3.0
WESLACO, TX	462	26.3	1.68	86	45.69	3.84	2.7

COLLEGE STATION, TX

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
STV LA 887	856	A	5.06	39.3	10.5	141	1.13	0.57	222	6.8	4.80
DELTAPINE 50	803	A	4.82	35.3	9.7	118	1.09	0.54	190	7.5	5.00
PAYMASTER HS 26	703	A	5.33	35.5	10.7	128	1.06	0.54	219	7.6	4.40
ACALA 1517-88	530	A	4.76	36.0	10.5	157	1.15	0.58	252	6.3	4.45
DELTAPINE 90	.		4.29	37.0	8.4	133	1.11	0.56	211	6.6	4.70
DES 119	.		4.16	39.5	9.1	131	1.10	0.56	209	7.3	5.20

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
STV LA 887	1.13	82.0	30.8	10.0	65.6	6.9	4.85	1319	21.29	3.49	0.80
DELTAPINE 50	1.09	81.6	23.8	9.4	66.9	5.3	5.00	1275	21.87	3.21	0.96
PAYMASTER HS 26	1.03	81.6	28.4	9.9	66.7	5.8	4.65	1322	21.62	3.53	0.82
ACALA 1517-88	1.17	82.0	31.6	9.6	62.0	6.0	4.45	1290	21.34	3.71	0.60
DELTAPINE 90	1.10	81.2	29.4	9.2	65.6	6.0	4.75	.	20.53	3.52	0.76
DES 119	1.08	82.5	27.6	10.0	59.2	6.0	5.20	.	20.84	3.51	0.94

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STV LA 887	.	.	.	.	.	.	.
DELTAPINE 50	394	16.8	1.47	94	46.98	4.60	3.2
PAYMASTER HS 26	429	22.0	1.58	90	46.20	4.15	2.9
ACALA 1517-88	436	17.0	1.47	94	42.44	3.75	2.9
DELTAPINE 90	422	19.3	1.53	92	45.67	4.19	3.0
DES 119	.	.	.	.	.	.	.

WESLACO, TX

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
DELTAPINE 90	350	A	4.04	36.4	8.2	137	1.09	0.52	216	6.4	4.55
DELTAPINE 50	342	A	4.73	35.4	8.9	119	1.08	0.54	196	8.1	4.40
PAYMASTER HS 26	296	B A	5.30	36.3	10.3	130	1.09	0.55	222	7.5	4.20
STV LA 887	255	B	3.83	37.8	9.7	140	1.10	0.52	211	7.0	4.10
DES 119	250	B	4.12	36.6	8.6	133	1.09	0.54	201	8.1	3.80
ACALA 1517-88	223	B	4.28	35.6	10.0	155	1.14	0.57	227	6.6	3.75

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)					Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)

DELTAPINE 90	1.04	80.4	30.7	9.6	69.2	8.6	4.50	610	17.55	4.11	0.48
DELTAPINE 50	1.07	80.9	24.7	9.6	71.3	8.9	4.30	519	18.00	3.70	0.64
PAYMASTER HS 26	1.05	81.5	29.6	10.0	68.5	8.2	4.20	505	18.34	3.91	0.26
STV LA 887	1.10	81.0	30.6	10.0	68.7	9.3	3.90	387	17.14	3.77	0.66
DES 119	1.08	81.8	29.1	10.0	67.8	9.3	3.70	392	17.26	3.95	0.45
ACALA 1517-88	1.15	81.1	33.2	9.8	67.4	8.8	3.70	356	18.74	4.06	0.40

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
DELTAPINE 90	438	24.3	1.64	88	47.03	4.16	2.8
DELTAPINE 50	451	26.3	1.68	86	46.74	4.00	2.7
PAYMASTER HS 26	457	25.3	1.66	87	45.42	3.84	2.7
STV LA 887	.	.	.	.	.	.	.
DES 119	.	.	.	.	.	.	.
ACALA 1517-88	503	29.3	1.75	84	43.59	3.35	2.4

BOSSIER CITY, LA

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
DELTAPINE 50	959	A	4.82	37.1	10.0	118	1.09	0.54	184	7.0	5.05
DES 119	935	A	4.26	41.1	9.2	138	1.09	0.55	210	7.1	5.30
STV LA 887	931	A	5.67	40.3	10.9	140	1.11	0.55	226	7.1	5.15
DELTAPINE 90	930	A	4.61	40.2	9.2	134	1.08	0.54	207	6.1	5.25
ACALA 1517-88	720	B	4.89	38.0	10.3	157	1.13	0.57	247	6.1	4.50
PAYMASTER HS 26	593	B	5.28	36.0	10.4	138	1.04	0.53	231	7.5	4.65

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
DELTAPINE 50	1.11	83.6	26.7	9.9	71.9	7.0	5.20	1829	20.29	3.47	0.77
DES 119	1.06	84.0	30.6	9.9	70.6	8.1	5.20	1421	19.36	3.58	0.74
STV LA 887	1.11	83.8	33.6	10.0	72.1	8.0	5.15	1514	20.27	3.48	0.80
DELTAPINE 90	1.08	83.2	32.0	9.4	74.6	7.4	5.25	1546	20.29	3.52	0.86
ACALA 1517-88	1.16	84.2	33.9	9.2	71.5	8.1	4.45	1222	20.87	3.71	0.54
PAYMASTER HS 26	1.01	82.8	31.4	9.9	73.7	7.6	4.55	1215	19.54	3.60	0.56

VARIETY	Arealometer Data A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
DELTAPINE 50	392	20.0	1.55	91	49.72	4.90	3.2
DES 119	.	.	.	.	.	.	.
STV LA 887	.	.	.	.	.	.	.
DELTAPINE 90	384	13.3	1.39	97	45.40	4.56	3.4
ACALA 1517-88	433	18.8	1.52	92	44.00	3.93	2.9
PAYMASTER HS 26	417	18.5	1.51	93	45.51	4.21	3.0

BEEVILLE, TX

	YARN	Digital Fibrograph		Stelometer

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	TENACITY (mN/tex)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)	MICRONAIRE (Reading)
STV LA 887	1202	A	5.50	37.0	10.8	137	1.13	0.55	220	7.8	4.35
PAYMASTER HS 26	1173	A	5.71	32.4	11.9	132	1.11	0.56	216	7.6	4.30
DES 119	1144	A	4.36	34.0	9.8	128	1.10	0.55	210	8.1	4.10
DELTAPINE 50	1075	A	4.72	32.6	10.1	122	1.09	0.53	196	7.8	4.05
ACALA 1517-88	921	B	15.0	33.8	11.1	156	1.17	0.57	236	6.6	3.90
DELTAPINE 90	817	B	4.34	36.5	9.0	133	1.09	0.53	216	6.8	4.35

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
STV LA 887	1.11	82.0	28.7	10.0	68.1	9.0	4.20	2043	19.20	3.62	0.39
PAYMASTER HS 26	1.08	81.7	27.6	10.0	70.7	7.5	4.15	2285	20.77	3.63	0.56
DES 119	1.11	81.7	25.9	10.0	64.9	7.9	3.90	2202	19.11	3.54	0.59
DELTAPINE 50	1.09	81.0	25.5	10.0	69.9	7.7	3.80	2071	19.10	3.53	0.52
ACALA 1517-88	1.15	80.8	30.5	9.6	67.7	8.1	3.70	1823	19.91	3.86	0.46
DELTAPINE 90	1.06	80.8	28.7	9.9	71.1	8.5	4.35	1399	19.96	3.69	0.52

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STV LA 887	.	.	.	.	.	.	.
PAYMASTER HS 26	464	34.8	1.85	79	50.11	4.17	2.6
DES 119	.	.	.	.	.	.	.
DELTAPINE 50	481	42.5	1.99	74	52.07	4.18	2.4
ACALA 1517-88	482	26.8	1.69	86	44.20	3.55	2.5
DELTAPINE 90	461	27.3	1.71	85	46.42	3.89	2.6

1995 BLACKLAND REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

1995 BLACKLAND REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
STONEVILLE 453	491	A	4.23	39.1	9.2	120	1.07	0.51	179	6.0	4.68
PAYMASTER HS 26	441	B A	4.64	36.7	10.4	136	1.00	0.52	222	7.3	4.58
DELTAPINE 50	431	B A	4.38	36.3	9.5	119	1.07	0.53	188	6.9	4.95
DELTAPINE 90	390	B A	3.66	38.7	8.6	135	1.04	0.51	213	5.9	4.78
TAMCOT HQ95	364	B A	4.27	37.2	9.3	125	1.04	0.52	193	5.9	4.25
ACALA 1517-88	305	B	4.41	38.4	9.9	153	1.11	0.55	238	5.1	4.45

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	Colorimeter E	Colorimeter Rd	Colorimeter Hunter's b	Seed Data MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	Seed Data OIL (%)	Seed Data NITROGEN (%)	Seed Data FREE GOSSYPOL (%)

STONEVILLE 453	1.06	80.0	24.4	8.7	65.4	8.0	4.55	762	17.25	3.78	0.44
PAYMASTER HS 26	0.99	81.5	31.2	10.0	68.4	7.6	4.55	699	19.00	3.69	0.42
DELTAPINE 50	1.07	81.3	25.6	9.6	68.3	7.7	4.90	794	18.70	3.63	0.50
DELTAPINE 90	1.02	80.1	30.5	9.4	68.8	8.1	4.78	639	18.67	3.73	0.45
TAMCOT HQ95	1.03	80.5	26.6	8.5	69.1	7.7	4.13	566	19.46	3.98	0.42
ACALA 1517-88	1.11	81.4	32.8	9.6	66.8	8.1	4.40	523	19.61	3.80	0.28

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STONEVILLE 453	.	.	.	.	.	.	.
PAYMASTER HS 26	434	25.8	1.67	87	48.17	4.29	2.85
DELTAPINE 50	406	20.8	1.57	90	48.51	4.63	3.09
DELTAPINE 90	433	21.9	1.57	90	45.28	4.04	2.97
TAMCOT HQ95	.	.	.	.	.	.	.
ACALA 1517-88	449	16.5	1.47	94	41.10	3.54	2.86

BOLL SIZE, GRAM PER BOLL

PAYMASTER HS 26	4.64	A
ACALA 1517-88	4.41	B A
DELTAPINE 50	4.38	B A
TAMCOT HQ95	4.27	B A
STONEVILLE 453	4.23	B A
DELTAPINE 90	3.66	B

YARN TENACITY

ACALA 1517-88	153	A
PAYMASTER HS 26	136	B
DELTAPINE 90	135	B
TAMCOT HQ95	125	C
STONEVILLE 453	120	D
DELTAPINE 50	119	D

LINT PERCENT

STONEVILLE 453	39.1	A
DELTAPINE 90	38.7	A
ACALA 1517-88	38.4	A
TAMCOT HQ95	37.2	A
PAYMASTER HS 26	36.7	A
DELTAPINE 50	36.3	A

FIBROGRAPH--2.5% S. L.

ACALA 1517-88	1.11	A
DELTAPINE 50	1.07	B
STONEVILLE 453	1.07	B
DELTAPINE 90	1.04	C B
TAMCOT HQ95	1.04	C B
PAYMASTER HS 26	1.00	C

SEED INDEX

PAYMASTER HS 26	10.4	A
ACALA 1517-88	9.9	B
DELTAPINE 50	9.5	C
TAMCOT HQ95	9.3	C
STONEVILLE 453	9.2	C
DELTAPINE 90	8.6	D

FIBROGRAPH--50% S. L.

ACALA 1517-88	0.55	A
DELTAPINE 50	0.53	A
PAYMASTER HS 26	0.52	A
TAMCOT HQ95	0.52	A
DELTAPINE 90	0.51	A
STONEVILLE 453	0.51	A

STELOMETER - T1

ACALA 1517-88	238	A
PAYMASTER HS 26	222	B
DELTAPINE 90	213	B
TAMCOT HQ95	193	C
DELTAPINE 50	188	D C
STONEVILLE 453	179	D

2.5% S.L. (INCHES)

ACALA 1517-88	1.11	A
DELTAPINE 50	1.07	B
STONEVILLE 453	1.06	C B
TAMCOT HQ95	1.03	C B
DELTAPINE 90	1.02	C D
PAYMASTER HS 26	0.99	D

STELOMETER - E1

PAYMASTER HS 26	7.3	A
DELTAPINE 50	6.9	A
STONEVILLE 453	6.0	B
DELTAPINE 90	5.9	B
TAMCOT HQ95	5.9	B
ACALA 1517-88	5.1	C

UR (PERCENT)

PAYMASTER HS 26	81.5	A
ACALA 1517-88	81.4	A
DELTAPINE 50	81.3	A
TAMCOT HQ95	80.5	B
DELTAPINE 90	80.1	B
STONEVILLE 453	80.0	B

MICRONAIRE

DELTAPINE 50	4.95	A
DELTAPINE 90	4.78	A
STONEVILLE 453	4.68	A
PAYMASTER HS 26	4.58	A
ACALA 1517-88	4.45	A
TAMCOT HQ95	4.25	A

STRENGTH (G/TEX)

ACALA 1517-88	32.8	A
PAYMASTER HS 26	31.2	BA
DELTAPINE 90	30.5	B
TAMCOT HQ95	26.6	C
DELTAPINE 50	25.6	DC
STONEVILLE 453	24.4	D

E		
PAYMASTER HS 26	10.0	A
DELTAPINE 50	9.6	B A
ACALA 1517-88	9.6	B A
DELTAPINE 90	9.4	B
STONEVILLE 453	8.7	C
TAMCOT HQ95	8.5	C

MICRONAIRE (SL-HVI)		
DELTAPINE 50	4.90	A
DELTAPINE 90	4.78	A
PAYMASTER HS 26	4.55	A
STONEVILLE 453	4.55	A
ACALA 1517-88	4.40	A
TAMCOT HQ95	4.13	A

COLORIMETER - Rd		
TAMCOT HQ95	69.1	A
DELTAPINE 90	68.8	A
PAYMASTER HS 26	68.4	B A
DELTAPINE 50	68.3	B A
ACALA 1517-88	66.8	B C
STONEVILLE 453	65.4	C

OIL (PERCENT)		
ACALA 1517-88	19.61	A
TAMCOT HQ95	19.46	A
PAYMASTER HS 26	19.00	A
DELTAPINE 50	18.70	B A
DELTAPINE 90	18.67	B A
STONEVILLE 453	17.25	B

FREE GOSSYPOL (PERCENT)		
DELTAPINE 50	0.50	A
DELTAPINE 90	0.45	A
STONEVILLE 453	0.44	A
PAYMASTER HS 26	0.42	B A
TAMCOT HQ95	0.42	B A
ACALA 1517-88	0.28	B

COLORIMETER - b		
ACALA 1517-88	8.1	A
DELTAPINE 90	8.1	A
STONEVILLE 453	8.0	A
DELTAPINE 50	7.7	A
TAMCOT HQ95	7.7	A
PAYMASTER HS 26	7.6	A

NITROGEN (PERCENT)		
TAMCOT HQ95	3.98	A
ACALA 1517-88	3.80	B A
STONEVILLE 453	3.78	B A
DELTAPINE 90	3.73	B A
PAYMASTER HS 26	3.69	B
DELTAPINE 50	3.63	B

SEED YIELD (LB/ACRE)		
DELTAPINE 50	794	A
STONEVILLE 453	762	B A
PAYMASTER HS 26	699	B A
DELTAPINE 90	639	B A
TAMCOT HQ95	566	B A
ACALA 1517-88	523	B

AREALOMETER - A (mm2/mm3)		
ACALA 1517-88	449	A
PAYMASTER HS 26	434	A
DELTAPINE 90	433	A
DELTAPINE 50	406	A

AREALOMETER - M (PERCENT)		
ACALA 1517-88	94	A
DELTAPINE 50	90	A
DELTAPINE 90	90	A
PAYMASTER HS 26	87	A

AREALOMETER - D (mm2/mm3)		
PAYMASTER HS 26	25.8	A
DELTAPINE 90	21.9	A
DELTAPINE 50	20.8	A
ACALA 1517-88	16.5	A

AREALOMETER - p (Microns)		
DELTAPINE 50	48.51	A
PAYMASTER HS 26	48.17	A
DELTAPINE 90	45.28	A
ACALA 1517-88	41.10	A

AREALOMETER - t (MICRONS)		
DELTAPINE 50	3.09	A
DELTAPINE 90	2.97	A
ACALA 1517-88	2.86	A
PAYMASTER HS 26	2.85	A

AREALOMETER - I		
PAYMASTER HS 26	1.7	A
DELTAPINE 90	1.6	A
DELTAPINE 50	1.6	A
ACALA 1517-88	1.5	A

AREALOMETER -w (MG/INCH)		
DELTAPINE 50	4.63	A
PAYMASTER HS 26	4.29	A
DELTAPINE 90	4.04	B A
ACALA 1517-88	3.54	B

LOCATIONS COMBINING VARIETIES

LOCATION	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
DALLAS, TX	593	A	4.40	37.5	9.5	129	1.07	0.52	206	6.3	4.57
THRALL, TX	242	B	4.13	37.9	9.4	133	1.04	0.52	205	6.1	4.66

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

LOCATION	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
DALLAS, TX	1.05	80.7	28.5	9.4	68.4	7.8	4.49	933	18.79	3.64	0.44
THRALL, TX	1.04	80.9	28.5	9.2	67.2	7.9	4.61	395	18.77	3.90	0.39

Arealometer Data

LOCATION	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
DALLAS, TX	439	21.8	1.58	90	45.28	4.00	2.9
THRALL, TX	422	20.6	1.55	91	46.24	4.25	3.0

DALLAS, TX

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
STONEVILLE 453	670	A	4.15	38.7	9.1	118	1.08	0.50	179	5.9	4.65
DELTAPINE 90	665	A	3.63	38.3	8.7	134	1.06	0.51	212	6.1	4.25
DELTAPINE 50	625	B A	4.36	35.0	9.4	117	1.07	0.53	183	7.0	4.85
PAYMASTER HS 26	592	B A	5.11	37.4	10.6	133	1.00	0.52	222	7.5	4.70
TAMCOT HQ95	547	B	4.66	37.9	9.4	122	1.06	0.53	200	6.1	4.50
ACALA 1517-88	448	C	4.51	38.0	9.8	153	1.13	0.57	237	5.1	4.45

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
STONEVILLE 453	1.05	79.6	24.3	8.7	66.6	8.2	4.40	986	17.01	3.62	0.49
DELTAPINE 90	1.04	79.8	30.1	9.3	68.9	7.7	4.40	1000	18.48	3.65	0.47
DELTAPINE 50	1.07	81.3	26.3	9.8	68.9	7.7	4.65	1132	18.22	3.41	0.51
PAYMASTER HS 26	1.00	81.6	31.0	10.0	68.4	7.4	4.80	939	19.26	3.63	0.49
TAMCOT HQ95	1.03	80.4	27.0	8.8	69.8	7.8	4.45	796	20.23	3.79	0.45
ACALA 1517-88	1.12	81.6	32.2	9.5	67.8	8.1	4.25	745	19.57	3.74	0.25

	Arealometer Data						
VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STONEVILLE 453	.	.	.	.	.	.	.
DELTAPINE 90	468	32.3	1.80	82	48.27	3.98	2.6
DELTAPINE 50	418	21.3	1.58	90	47.33	4.37	3.0
PAYMASTER HS 26	414	19.3	1.53	92	46.55	4.34	3.0
TAMCOT HQ95	.	.	.	.	.	.	.
ACALA 1517-88	457	14.5	1.42	96	38.99	3.30	2.9

THRALL, TX

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
STONEVILLE 453	312	A	4.31	39.5	9.2	122	1.06	0.53	178	6.1	4.70
PAYMASTER HS 26	290	A	4.18	36.1	10.3	139	1.01	0.52	221	7.1	4.45
DELTAPINE 50	285	A	4.41	37.7	9.5	121	1.06	0.53	193	6.8	5.05
ACALA 1517-88	198	B	4.32	38.9	9.9	153	1.09	0.54	240	5.0	4.45
DELTAPINE 90	183	B	3.69	39.2	8.6	136	1.02	0.52	214	5.8	5.30
TAMCOT HQ95	182	B	3.89	36.4	9.2	129	1.02	0.51	187	5.8	4.00

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
STONEVILLE 453	1.07	80.5	24.6	8.7	64.2	7.7	4.70	537	17.49	3.94	0.39
PAYMASTER HS 26	0.99	81.4	31.4	10.0	68.4	7.9	4.30	460	18.74	3.75	0.35
DELTAPINE 50	1.07	81.4	25.0	9.3	67.8	7.7	5.15	455	19.19	3.84	0.50
ACALA 1517-88	1.10	81.3	33.3	9.6	65.7	8.2	4.55	302	19.66	3.86	0.32
DELTAPINE 90	1.01	80.4	31.0	9.4	68.7	8.6	5.15	277	18.86	3.82	0.44
TAMCOT HQ95	1.04	80.6	26.1	8.2	68.3	7.6	3.80	337	18.70	4.18	0.38

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
STONEVILLE 453	.	.	.	.	.	.	.
PAYMASTER HS 26	455	32.3	1.80	82	49.80	4.24	2.7
DELTAPINE 50	393	20.3	1.55	91	49.69	4.88	3.2
ACALA 1517-88	441	18.5	1.52	92	43.20	3.79	2.9
DELTAPINE 90	398	11.5	1.34	99	42.29	4.10	3.4
TAMCOT HQ95	.	.	.	.	.	.	.

1995 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

1995 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
PAYMASTER HS 26	529	A	5.44	35.4	11.4	137	1.05	0.54	227	8.3	4.55
PAYMASTER HS 200	502	B A	5.25	34.7	10.9	140	1.10	0.55	221	7.5	4.28
HOLLAND 1919	489	B A	5.37	35.3	10.8	134	1.08	0.53	211	7.7	3.90
DELTAPINE 50	486	B A	4.64	34.5	10.0	126	1.10	0.52	197	8.4	4.19
LANKART 142	467	B A C	5.83	35.3	11.6	131	1.06	0.52	210	7.3	4.03

TAMCOT CD3H	460	B A C	5.23	37.0	9.9	122	1.03	0.51	195	7.3	3.99
ALL-TEX QUICKIE	458	B A C	5.19	34.5	11.2	141	1.08	0.52	206	6.8	3.86
SOUTHLAND 400	445	B A C	5.58	33.7	11.6	141	1.06	0.53	226	7.1	4.38
PAYMASTER 147	443	B A C	5.34	36.1	10.6	113	1.02	0.51	201	7.8	4.16
ACALA 1517-88	429	B C	4.67	35.4	10.8	163	1.14	0.55	249	6.8	3.86
DELTAPINE 90	425	B C	4.44	35.5	9.4	146	1.09	0.54	230	7.3	4.23
GP 74+	396	C	5.53	34.6	11.3	119	1.08	0.51	189	7.6	3.88

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
PAYMASTER HS 26	1.04	84.4	33.3	10.1	75.5	8.0	4.56	935	21.45	3.46	0.74
PAYMASTER HS 200	1.08	83.5	31.9	9.8	76.1	8.3	4.26	923	20.91	3.72	0.72
HOLLAND 1919	1.07	83.3	28.8	9.7	76.6	7.9	3.93	937	20.90	3.60	0.51
DELTAPINE 50	1.09	83.0	28.2	10.0	76.0	8.2	4.25	937	19.92	3.28	0.71
LANKART 142	1.05	82.8	30.2	9.8	75.8	8.4	4.05	847	21.26	3.69	0.50
TAMCOT CD3H	1.02	82.7	27.4	9.1	75.8	8.0	3.99	752	22.22	3.63	0.58
ALL-TEX QUICKIE	1.08	82.3	30.4	9.4	76.6	7.7	3.81	854	21.96	3.64	0.57
SOUTHLAND 400	1.04	83.5	32.5	9.8	75.0	8.3	4.40	919	21.01	3.63	0.60
PAYMASTER 147	1.00	82.7	27.8	9.9	75.6	8.4	4.20	811	20.00	3.58	0.64
ACALA 1517-88	1.14	83.7	34.8	9.8	74.9	8.0	3.96	826	21.40	3.58	0.57
DELTAPINE 90	1.08	83.1	33.2	9.9	77.0	8.1	4.14	804	20.61	3.48	0.75
GP 74+	1.07	82.1	26.7	9.5	76.4	7.9	3.86	753	20.34	3.64	0.50

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
PAYMASTER HS 26	441	29.4	1.75	83	49.79	4.36	2.74
PAYMASTER HS 200	.	.	.	.	.	.	.
HOLLAND 1919	.	.	.	.	.	.	.
DELTAPINE 50	467	36.9	1.89	78	50.88	4.23	2.56
LANKART 142	.	.	.	.	.	.	.

TAMCOT CD3H	.	.	.	.	.	.	.
ALL-TEX QUICKIE	.	.	.	.	.	.	.
SOUTHLAND 400	.	.	.	.	.	.	.
PAYMASTER 147	.	.	.	.	.	.	.
ACALA 1517-88	491	31.1	1.78	82	45.53	3.59	2.47
DELTAPINE 90	475	35.2	1.85	80	49.01	4.03	2.56
GP 74+	.	.	.	.	.	.	.

BOLL SIZE, GRAM PER BOLL

LANKART 142	5.83	A
SOUTHLAND 400	5.58	B A
GP 74+	5.53	B C
PAYMASTER HS 26	5.44	B C
HOLLAND 1919	5.37	B C
PAYMASTER 147	5.34	B C
PAYMASTER HS 200	5.25	C
TAMCOT CD3H	5.23	C
ALL-TEX QUICKIE	5.19	C
ACALA 1517-88	4.67	D
DELTAPINE 50	4.64	D
DELTAPINE 90	4.44	D

YARN TENACITY

ACALA 1517-88	163	A
DELTAPINE 90	146	B
SOUTHLAND 400	141	C B
ALL-TEX QUICKIE	141	C B
PAYMASTER HS 200	140	C B
PAYMASTER HS 26	137	C D
HOLLAND 1919	134	C D E
LANKART 142	131	D E
DELTAPINE 50	126	F E
TAMCOT CD3H	122	F
GP 74+	119	G F
PAYMASTER 147	113	G

LINT PERCENT

TAMCOT CD3H	37.0	A
PAYMASTER 147	36.1	B A
DELTAPINE 90	35.5	B C
PAYMASTER HS 26	35.4	B C
ACALA 1517-88	35.4	B C
LANKART 142	35.3	B C
HOLLAND 1919	35.3	B C
PAYMASTER HS 200	34.7	D C
GP 74+	34.6	D C
ALL-TEX QUICKIE	34.5	D C
DELTAPINE 50	34.5	D C
SOUTHLAND 400	33.7	D

FIBROGRAPH--2.5% S. L.

ACALA 1517-88	1.14	A
DELTAPINE 50	1.10	B
PAYMASTER HS 200	1.10	B
DELTAPINE 90	1.09	C B
ALL-TEX QUICKIE	1.08	C B D
HOLLAND 1919	1.08	C B D
GP 74+	1.08	C B D
LANKART 142	1.06	C E D

SEED INDEX

LANKART 142	11.6	A
SOUTHLAND 400	11.6	A
PAYMASTER HS 26	11.4	A
GP 74+	11.3	B A
ALL-TEX QUICKIE	11.2	B A C
PAYMASTER HS 200	10.9	B D C
ACALA 1517-88	10.8	D C
HOLLAND 1919	10.8	D C

FIBROGRAPH--50% S. L.

ACALA 1517-88	0.55	A
PAYMASTER HS 200	0.55	B A
PAYMASTER HS 26	0.54	B A C
DELTAPINE 90	0.54	DB A C
SOUTHLAND 400	0.53	DB C
HOLLAND 1919	0.53	D E C
DELTAPINE 50	0.52	DF E
ALL-TEX QUICKIE	0.52	DF E

SOUTHLAND 400	1.06	C E D
PAYMASTER HS 26	1.05	F E D
TAMCOT CD3H	1.03	F E
PAYMASTER 147	1.02	F

PAYMASTER 147	10.6	D
DELTAPINE 50	10.0	E
TAMCOT CD3H	9.9	E
DELTAPINE 90	9.4	F

LANKART 142	0.52	DF E
TAMCOT CD3H	0.51	F
PAYMASTER 147	0.51	F E
GP 74+	0.51	F E

STELOMETER - T1

ACALA 1517-88	249	A
DELTAPINE 90	230	B
PAYMASTER HS 26	227	C B
SOUTHLAND 400	226	C B
PAYMASTER HS 200	221	C B D
HOLLAND 1919	211	EC B D
LANKART 142	210	EC D
ALL-TEX QUICKIE	206	E F D
PAYMASTER 147	201	E F
DELTAPINE 50	197	E F
TAMCOT CD3H	195	E F
GP 74+	189	F

2.5% S.L. (INCHES)

ACALA 1517-88	1.14	A
DELTAPINE 50	1.09	B
DELTAPINE 90	1.08	C B
ALL-TEX QUICKIE	1.08	C B
PAYMASTER HS 200	1.08	C B
HOLLAND 1919	1.07	C B D
GP 74+	1.07	C B D
LANKART 142	1.05	C D
PAYMASTER HS 26	1.04	E D
SOUTHLAND 400	1.04	E D
TAMCOT CD3H	1.02	F E
PAYMASTER 147	1.00	F

STELOMETER - E1

DELTAPINE 50	8.4	A
PAYMASTER HS 26	8.3	A
PAYMASTER 147	7.8	B
HOLLAND 1919	7.7	C B
GP 74+	7.6	C B D
PAYMASTER HS 200	7.5	C B D
DELTAPINE 90	7.3	EC B D
LANKART 142	7.3	EC B D
TAMCOT CD3H	7.3	EC D
SOUTHLAND 400	7.1	E F D
ACALA 1517-88	6.8	E F
ALL-TEX QUICKIE	6.8	F

UR (PERCENT)

PAYMASTER HS 26	84.4	A
ACALA 1517-88	83.7	B A
SOUTHLAND 400	83.5	B A
PAYMASTER HS 200	83.5	B A
HOLLAND 1919	83.3	B
DELTAPINE 90	83.1	B C
DELTAPINE 50	83.0	B C
LANKART 142	82.8	B C D
TAMCOT CD3H	82.7	B C D
PAYMASTER 147	82.7	B C D
ALL-TEX QUICKIE	82.3	C D

MICRONAIRE

PAYMASTER HS 26	4.55	A
SOUTHLAND 400	4.38	B A
PAYMASTER HS 200	4.28	B A C
DELTAPINE 90	4.23	DB A C
DELTAPINE 50	4.19	DB C
PAYMASTER 147	4.16	DB C
LANKART 142	4.03	DB C
TAMCOT CD3H	3.99	D C
HOLLAND 1919	3.90	D
GP 74+	3.88	D
ACALA 1517-88	3.86	D

STRENGTH (G/TEX)

ACALA 1517-88	34.8	A
PAYMASTER HS 26	33.3	B
DELTAPINE 90	33.2	B
SOUTHLAND 400	32.5	B
PAYMASTER HS 200	31.9	B
ALL-TEX QUICKIE	30.4	C
LANKART 142	30.2	C
HOLLAND 1919	28.8	DC
DELTAPINE 50	28.2	DE
PAYMASTER 147	27.8	DE
TAMCOT CD3H	27.4	DE

GP 74+	82.1	D	ALL-TEX QUICKIE	3.86	D	GP 74+	26.7	E

E			MICRONAIRE (SL-HVI)			COLORIMETER - Rd		
PAYMASTER HS 26	10.1	A	PAYMASTER HS 26	4.56	A	DELTAPINE 90	77.0	A
DELTAPINE 50	10.0	B A	SOUTHLAND 400	4.40	B A	HOLLAND 1919	76.6	B A
DELTAPINE 90	9.9	B A	PAYMASTER HS 200	4.26	B C	ALL-TEX QUICKIE	76.6	B A
PAYMASTER 147	9.9	B A	DELTAPINE 50	4.25	B C	GP 74+	76.4	B A C
PAYMASTER HS 200	9.8	B A	PAYMASTER 147	4.20	B C D	PAYMASTER HS 200	76.1	B A C
ACALA 1517-88	9.8	B A C	DELTAPINE 90	4.14	EB C D	DELTAPINE 50	76.0	B A C
LANKART 142	9.8	B A C	LANKART 142	4.05	EF C D	TAMCOT CD3H	75.8	B A C
SOUTHLAND 400	9.8	B C	TAMCOT CD3H	3.99	EF C D	LANKART 142	75.8	B A C
HOLLAND 1919	9.7	B C	ACALA 1517-88	3.96	EF C D	PAYMASTER 147	75.6	B A C
GP 74+	9.5	D C	HOLLAND 1919	3.93	EF D	PAYMASTER HS 26	75.5	B A C
ALL-TEX QUICKIE	9.4	E D	GP 74+	3.86	EF	SOUTHLAND 400	75.0	B C
TAMCOT CD3H	9.1	E	ALL-TEX QUICKIE	3.81	F	ACALA 1517-88	74.9	C

OIL (PERCENT)			FREE GOSSYPOL (PERCENT)			COLORIMETER - b		
TAMCOT CD3H	22.22	A	DELTAPINE 90	0.75	A	LANKART 142	8.4	A
ALL-TEX QUICKIE	21.96	B A	PAYMASTER HS 26	0.74	A	PAYMASTER 147	8.4	B A
PAYMASTER HS 26	21.45	B A C	PAYMASTER HS 200	0.72	A	SOUTHLAND 400	8.3	B A
ACALA 1517-88	21.40	B A C	DELTAPINE 50	0.71	B A	PAYMASTER HS 200	8.3	B A C
LANKART 142	21.26	B A C	PAYMASTER 147	0.64	B C	DELTAPINE 50	8.2	B A C
SOUTHLAND 400	21.01	B D C	SOUTHLAND 400	0.60	C	DELTAPINE 90	8.1	DB A C
PAYMASTER HS 200	20.91	B D C	TAMCOT CD3H	0.58	D C	ACALA 1517-88	8.0	DB A C
HOLLAND 1919	20.90	B D C	ACALA 1517-88	0.57	D C	TAMCOT CD3H	8.0	DB A C
DELTAPINE 90	20.61	D C	ALL-TEX QUICKIE	0.57	D C	PAYMASTER HS 26	8.0	DB C
GP 74+	20.34	D C	HOLLAND 1919	0.51	D	GP 74+	7.9	DB C
PAYMASTER 147	20.00	D	LANKART 142	0.50	D	HOLLAND 1919	7.9	D C
DELTAPINE 50	19.92	D	GP 74+	0.50	D	ALL-TEX QUICKIE	7.7	D

NITROGEN (PERCENT)		
PAYMASTER HS 200	3.72	A
LANKART 142	3.69	A
ALL-TEX QUICKIE	3.64	A
GP 74+	3.64	A
TAMCOT CD3H	3.63	A
SOUTHLAND 400	3.63	A
HOLLAND 1919	3.60	B A
ACALA 1517-88	3.58	B A
PAYMASTER 147	3.58	B A
DELTAPINE 90	3.48	B
PAYMASTER HS 26	3.46	B
DELTAPINE 50	3.28	C

SEED YIELD (LB/ACRE)		
DELTAPINE 50	937	A
HOLLAND 1919	937	A
PAYMASTER HS 26	935	A
PAYMASTER HS 200	923	A
SOUTHLAND 400	919	A
ALL-TEX QUICKIE	854	A
LANKART 142	847	A
ACALA 1517-88	826	A
PAYMASTER 147	811	A
DELTAPINE 90	804	A
GP 74+	753	A
TAMCOT CD3H	752	A

AREALOMETER - A (mm2/mm3)		
ACALA 1517-88	491	A
DELTAPINE 90	475	B A
DELTAPINE 50	467	B A
PAYMASTER HS 26	441	B

AREALOMETER - M (PERCENT)		
PAYMASTER HS 26	83	A
ACALA 1517-88	82	A
DELTAPINE 90	80	A
DELTAPINE 50	78	A

AREALOMETER - D (mm2/mm3)		
DELTAPINE 50	36.9	A
DELTAPINE 90	35.2	A
ACALA 1517-88	31.1	A
PAYMASTER HS 26	29.4	A

AREALOMETER - p (Microns)		
DELTAPINE 50	50.88	A
PAYMASTER HS 26	49.79	B A
DELTAPINE 90	49.01	B
ACALA 1517-88	45.53	C

AREALOMETER - t (MICRONS)		
PAYMASTER HS 26	2.74	A
DELTAPINE 90	2.56	B A
DELTAPINE 50	2.56	B A
ACALA 1517-88	2.47	B

AREALOMETER - I		
DELTAPINE 50	1.9	A
DELTAPINE 90	1.9	A
ACALA 1517-88	1.8	A
PAYMASTER HS 26	1.8	A

AREALOMETER -w (MG/INCH)		
PAYMASTER HS 26	4.36	A
DELTAPINE 50	4.23	A
DELTAPINE 90	4.03	A
ACALA 1517-88	3.59	B

LOCATIONS COMBINING VARIETIES

LOCATION	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
TIPTON, OK	667	A	6.02	34.4	11.3	.	.	.	.	.	.
LUBBOCK, TX (IRR)	643	A	4.42	35.0	10.4	131	1.07	0.51	205	7.8	3.88
LAMESA, TX (DRY)	488	B	4.31	35.1	9.7	128	1.05	0.50	210	7.9	3.79
CHILLICOTHE, TX (DRY)	373	C	.	.	.	.	.	.	.	.	.
CHICKASHA, OK (IRR)	318	D C	5.97	34.3	11.9	144	1.13	0.57	219	7.3	4.28
CHICKASHA, OK (DRY)	300	D	5.32	37.1	10.6	135	1.04	0.53	220	7.0	4.49

LOCATION	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)

TIPTON, OK	.	.	.	.	.	.	.	1277	.	.	.
LUBBOCK, TX (IRR)	1.06	81.6	29.4	9.9	76.8	8.2	3.93	1010	20.26	3.72	0.58
LAMESA, TX (DRY)	1.04	81.2	29.4	9.7	77.6	8.7	3.82	862	20.21	3.57	0.58
CHILLICOTHE, TX (DRY)	.	.	.	.	.	.	.	.	.	.	.
CHICKASHA, OK (IRR)	1.13	85.2	31.4	9.8	75.0	7.6	4.24	661	22.60	3.23	0.74
CHICKASHA, OK (DRY)	1.02	84.4	31.6	9.6	74.3	8.0	4.49	481	20.92	3.78	0.57

Arealometer Data

LOCATION	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
TIPTON, OK	.	.	.	.	.	.	.
LUBBOCK, TX (IRR)	498	41.2	1.96	75	49.66	3.88	2.4
LAMESA, TX (DRY)	493	33.8	1.83	80	46.70	3.67	2.4
CHILLICOTHE, TX (DRY)	.	.	.	.	.	.	.
CHICKASHA, OK (IRR)	447	30.8	1.77	82	49.90	4.32	2.7
CHICKASHA, OK (DRY)	436	27.0	1.70	85	48.95	4.34	2.8

SUBREGIONAL SUMMARY COMBINING LAMESA, TX (DRY) LUBBOCK, TX (IRR)

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
DELTAPINE 90	635	A	3.83	35.3	8.8	145	1.10	0.52	235	7.9	3.65
PAYMASTER HS 26	600	A	4.77	35.8	10.9	133	1.05	0.52	230	8.8	4.50
DELTAPINE 50	597	A	3.88	34.5	9.3	121	1.09	0.51	198	8.9	3.73
PAYMASTER 147	592	A	4.67	34.6	9.9	109	1.01	0.49	186	8.1	3.85

SOUTHLAND 400	571	A	4.91	34.1	10.8	135	1.04	0.51	213	7.0	4.30
GP 74+	559	A	4.76	34.8	10.8	112	1.06	0.49	185	7.9	3.70
TAMCOT CD3H	554	A	4.25	37.2	8.9	120	1.03	0.49	190	7.8	3.63
LANKART 142	554	A	4.79	34.4	10.9	127	1.05	0.51	204	7.9	3.70
PAYMASTER HS 200	553	A	4.26	35.1	10.2	130	1.07	0.52	207	7.8	3.95
ALL-TEX QUICKIE	526	A	4.30	35.2	10.4	133	1.06	0.50	206	7.4	3.75
HOLLAND 1919	524	A	4.08	35.6	9.7	126	1.06	0.50	203	7.9	3.70
ACALA 1517-88	520	A	3.89	34.1	10.3	157	1.13	0.53	234	7.2	3.53

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data -------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
DELTAPINE 90	1.09	81.6	32.2	10.0	79.2	8.2	3.65	1045	19.22	3.54	0.67
PAYMASTER HS 26	1.03	82.6	32.0	10.3	77.4	8.1	4.55	903	20.70	3.55	0.70
DELTAPINE 50	1.08	81.4	27.0	10.0	77.8	8.4	3.90	998	18.62	3.41	0.68
PAYMASTER 147	1.00	81.3	26.4	9.9	76.5	8.7	3.95	958	18.98	3.61	0.62
SOUTHLAND 400	1.03	81.8	32.5	9.9	76.3	8.7	4.30	1042	20.78	3.72	0.57
GP 74+	1.06	80.5	25.5	9.6	77.3	8.4	3.63	835	19.67	3.74	0.48
TAMCOT CD3H	1.01	80.8	27.0	9.4	77.6	8.5	3.63	849	21.33	3.66	0.50
LANKART 142	1.04	81.3	28.5	9.9	76.7	8.6	3.78	953	20.64	3.75	0.47
PAYMASTER HS 200	1.06	81.4	30.3	10.0	76.7	8.7	4.00	916	20.57	3.82	0.69
ALL-TEX QUICKIE	1.07	80.6	29.6	9.5	77.0	8.2	3.70	797	21.44	3.64	0.55
HOLLAND 1919	1.06	81.4	27.9	9.8	77.4	8.4	3.73	915	20.41	3.68	0.48
ACALA 1517-88	1.13	82.0	33.9	9.9	76.7	8.3	3.65	1021	20.41	3.67	0.54

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
DELTAPINE 90	519	43.5	2.01	74	48.55	3.61	2.3
PAYMASTER HS 26	446	29.0	1.74	84	49.02	4.25	2.7
DELTAPINE 50	498	42.0	1.98	75	50.02	3.88	2.4
PAYMASTER 147	.	.	.	.	.	.	.

SOUTHLAND 400	.	.	.	.	.	.	.
GP 74+	.	.	.	.	.	.	.
TAMCOT CD3H	.	.	.	.	.	.	.
LANKART 142	.	.	.	.	.	.	.
PAYMASTER HS 200	.	.	.	.	.	.	.
ALL-TEX QUICKIE	.	.	.	.	.	.	.
HOLLAND 1919	.	.	.	.	.	.	.
ACALA 1517-88	518	35.4	1.86	79	45.13	3.36	2.3

SUBREGIONAL SUMMARY COMBINING CHICKASHA, OK (DRY) CHICKASHA, OK (IRR)
CHILLICOTHE, TX (DRY) TIPTON, OK

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
PAYMASTER HS 26	500	A	5.89	35.2	11.8	141	1.06	0.56	224	7.9	4.60
PAYMASTER HS 200	480	B A	5.90	34.4	11.4	150	1.12	0.57	235	7.1	4.60
HOLLAND 1919	474	B A	6.23	35.1	11.6	141	1.09	0.55	220	7.4	4.10
DELTAPINE 50	440	B A C	5.14	34.5	10.5	131	1.10	0.54	197	7.8	4.65
LANKART 142	431	BDA C	6.53	35.9	12.0	134	1.07	0.54	217	6.8	4.35
ALL-TEX QUICKIE	429	BDA C	5.79	34.1	11.8	148	1.10	0.54	205	6.2	3.98
TAMCOT CD3H	421	BDA C	5.89	36.9	10.5	124	1.03	0.52	200	6.8	4.35
SOUTHLAND 400	392	BD C	6.03	33.5	12.0	146	1.08	0.55	239	7.2	4.45
ACALA 1517-88	388	BD C	5.19	36.2	11.2	169	1.15	0.58	263	6.5	4.20
PAYMASTER 147	381	BD C	5.79	37.1	11.0	118	1.03	0.53	216	7.6	4.48
DELTAPINE 90	337	D C	4.85	35.7	9.8	147	1.08	0.55	225	6.8	4.80
GP 74+	327	D	6.04	34.4	11.7	127	1.10	0.53	193	7.3	4.05

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL

											(%)
PAYMASTER HS 26	1.05	86.1	34.6	10.0	73.5	7.8	4.58	956	22.20	3.37	0.77
PAYMASTER HS 200	1.10	85.6	33.5	9.7	75.4	7.9	4.53	928	21.25	3.63	0.75
HOLLAND 1919	1.08	85.2	29.7	9.7	75.9	7.3	4.13	951	21.39	3.53	0.54
DELTAPINE 50	1.10	84.7	29.3	10.0	74.2	8.1	4.60	896	21.22	3.16	0.74
LANKART 142	1.07	84.4	32.0	9.8	74.9	8.2	4.33	777	21.88	3.63	0.53
ALL-TEX QUICKIE	1.10	84.0	31.1	9.3	76.2	7.3	3.93	892	22.48	3.63	0.60
TAMCOT CD3H	1.02	84.7	27.8	8.8	74.0	7.5	4.35	687	23.11	3.60	0.65
SOUTHLAND 400	1.06	85.2	32.4	9.6	73.7	7.9	4.50	837	21.24	3.53	0.63
ACALA 1517-88	1.15	85.3	35.7	9.7	73.1	7.7	4.28	696	22.39	3.49	0.60
PAYMASTER 147	1.00	84.1	29.3	10.0	74.7	8.0	4.45	713	21.01	3.55	0.66
DELTAPINE 90	1.07	84.6	34.3	9.9	74.8	8.1	4.63	643	21.99	3.42	0.82
GP 74+	1.09	83.7	27.9	9.4	75.5	7.5	4.10	698	21.00	3.55	0.53

	Arealometer Data						
VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
PAYMASTER HS 26	437	29.9	1.76	83	50.56	4.47	2.8
PAYMASTER HS 200	.	.	.	.	.	.	.
HOLLAND 1919	.	.	.	.	.	.	.
DELTAPINE 50	437	31.9	1.80	81	51.74	4.58	2.8
LANKART 142	.	.	.	.	.	.	.
ALL-TEX QUICKIE	.	.	.	.	.	.	.
TAMCOT CD3H	.	.	.	.	.	.	.
SOUTHLAND 400	.	.	.	.	.	.	.
ACALA 1517-88	464	26.9	1.70	85	45.93	3.82	2.6
PAYMASTER 147	.	.	.	.	.	.	.
DELTAPINE 90	430	26.9	1.69	86	49.46	4.45	2.9
GP 74+	.	.	.	.	.	.	.

LUBBOCK, TX (IRR)

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
PAYMASTER 147	759	A	4.83	34.9	10.1	112	1.02	0.50	186	8.0	3.90
DELTAPINE 90	701	B A	3.99	34.3	9.0	150	1.13	0.54	233	8.0	3.60
DELTAPINE 50	691	B A C	4.00	35.0	9.7	124	1.09	0.51	196	9.0	3.70
SOUTHLAND 400	677	DB A C	5.04	34.5	11.6	133	1.06	0.52	207	6.9	4.25
PAYMASTER HS 26	664	DB A C	4.81	36.6	11.1	132	1.06	0.53	227	8.8	4.50
GP 74+	655	DB A C	4.59	34.3	11.2	116	1.08	0.50	188	7.6	3.85
PAYMASTER HS 200	653	DB A C	4.53	34.8	11.2	124	1.06	0.51	190	7.8	4.10
TAMCOT CD3H	643	DB A C	4.26	37.1	9.4	130	1.06	0.51	195	7.8	3.80
LANKART 142	608	DB C	4.92	34.2	11.0	130	1.07	0.52	200	7.8	3.65
HOLLAND 1919	564	D C	3.98	35.6	9.4	121	1.04	0.49	195	8.0	3.90
ACALA 1517-88	555	D	3.83	33.0	10.8	162	1.15	0.55	237	7.1	3.45
ALL-TEX QUICKIE	548	D	4.32	35.7	10.4	133	1.05	0.50	203	7.5	3.80

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
PAYMASTER 147	1.01	81.3	25.9	9.9	75.6	8.5	4.00	1091	18.78	3.75	0.63
DELTAPINE 90	1.12	81.9	32.2	10.0	78.8	7.7	3.60	1151	19.62	3.63	0.64
DELTAPINE 50	1.08	81.2	27.5	10.0	77.9	8.0	3.90	1081	18.68	3.56	0.66
SOUTHLAND 400	1.06	82.5	32.7	9.9	76.2	8.3	4.35	1173	20.96	3.71	0.64
PAYMASTER HS 26	1.04	82.8	31.4	10.5	77.2	8.0	4.60	910	20.32	3.60	0.66
GP 74+	1.09	81.3	26.2	9.8	77.5	8.0	3.75	971	20.38	3.71	0.50
PAYMASTER HS 200	1.05	81.0	28.4	9.9	76.0	8.5	4.20	1062	21.39	3.84	0.76
TAMCOT CD3H	1.05	81.3	28.9	9.9	77.3	8.5	3.80	872	21.30	3.83	0.50
LANKART 142	1.04	81.6	28.7	10.0	77.2	8.3	3.75	1052	20.40	3.75	0.47
HOLLAND 1919	1.04	80.8	27.7	9.8	76.4	8.4	3.85	976	19.80	3.82	0.44
ACALA 1517-88	1.15	82.3	34.5	9.9	76.1	8.0	3.55	997	19.96	3.72	0.52
ALL-TEX QUICKIE	1.07	81.3	29.4	9.6	75.6	7.9	3.75	787	21.52	3.76	0.55

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
PAYMASTER 147	.	.	.	.	.	.	.
DELTAPINE 90	525	49.0	2.10	70	50.34	3.70	2.2
DELTAPINE 50	494	46.5	2.06	72	52.45	4.10	2.4
SOUTHLAND 400	.	.	.	.	.	.	.
PAYMASTER HS 26	443	29.8	1.76	83	49.80	4.34	2.7
GP 74+	.	.	.	.	.	.	.
PAYMASTER HS 200	.	.	.	.	.	.	.
TAMCOT CD3H	.	.	.	.	.	.	.
LANKART 142	.	.	.	.	.	.	.
HOLLAND 1919	.	.	.	.	.	.	.
ACALA 1517-88	529	39.5	1.94	76	46.07	3.36	2.2
ALL-TEX QUICKIE	.	.	.	.	.	.	.

CHICKASHA, OK (DRY)

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
LANKART 142	353	A	6.18	36.7	11.5	128	1.01	0.53	220	6.6	4.30
HOLLAND 1919	333	B A	5.87	36.8	11.2	134	1.05	0.53	216	7.8	4.30
PAYMASTER HS 200	326	B A C	5.39	35.7	10.8	147	1.08	0.56	236	7.0	4.70
DELTAPINE 50	324	B A C	4.86	36.4	9.8	130	1.08	0.53	201	7.5	4.80
PAYMASTER HS 26	322	B A C	5.25	37.4	10.6	140	1.02	0.54	225	7.8	4.70
TAMCOT CD3H	319	B A C	5.42	39.4	10.1	119	0.99	0.50	204	6.5	4.60
ALL-TEX QUICKIE	295	B D C	5.34	35.8	11.2	139	1.05	0.52	195	5.8	3.95
SOUTHLAND 400	295	B D C	5.26	34.7	11.4	144	1.01	0.52	259	6.8	4.45
DELTAPINE 90	282	B D C	4.55	38.2	9.2	141	1.00	0.52	211	7.0	5.15
PAYMASTER 147	276	D C	5.33	39.6	10.1	114	1.00	0.50	213	7.5	4.45

ACALA 1517-88	253	E D	4.81	38.1	10.8	162	1.11	0.55	264	6.1	4.25
GP 74+	217	E	5.59	36.1	11.1	126	1.06	0.52	201	7.1	4.20

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)							Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
LANKART 142	1.02	84.3	32.8	9.9	75.2	8.2	4.50	535	21.15	3.91	0.49
HOLLAND 1919	1.02	83.6	29.4	9.3	74.3	7.4	4.15	550	20.15	3.80	0.42
PAYMASTER HS 200	1.05	85.3	33.8	9.7	75.7	8.0	4.65	563	20.42	3.83	0.64
DELTAPINE 50	1.06	85.0	29.4	9.9	73.9	8.1	4.75	557	20.66	3.45	0.67
PAYMASTER HS 26	1.00	85.6	35.8	10.0	71.9	7.9	4.55	526	21.16	3.71	0.69
TAMCOT CD3H	0.98	84.2	27.3	8.7	74.1	8.0	4.65	432	22.19	3.84	0.56
ALL-TEX QUICKIE	1.06	84.1	30.7	9.0	76.0	7.8	3.95	552	21.57	4.00	0.50
SOUTHLAND 400	1.00	84.7	32.6	9.4	73.6	8.2	4.55	572	20.34	3.77	0.51
DELTAPINE 90	1.00	84.3	34.2	10.0	74.5	8.5	4.95	395	22.59	3.73	0.82
PAYMASTER 147	0.95	83.6	29.3	10.0	74.3	8.2	4.55	392	19.54	3.75	0.58
ACALA 1517-88	1.09	85.1	35.3	9.7	73.2	8.0	4.35	325	21.74	3.68	0.54
GP 74+	1.05	83.3	28.4	9.2	74.7	7.7	4.30	370	19.61	3.96	0.41

	Arealometer Data						
VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
LANKART 142	.	.	.	.	.	.	.
HOLLAND 1919	.	.	.	.	.	.	.
PAYMASTER HS 200	.	.	.	.	.	.	.
DELTAPINE 50	434	30.3	1.77	83	51.16	4.56	2.8
PAYMASTER HS 26	439	28.5	1.73	84	49.43	4.34	2.8
TAMCOT CD3H	.	.	.	.	.	.	.
ALL-TEX QUICKIE	.	.	.	.	.	.	.
SOUTHLAND 400	.	.	.	.	.	.	.
DELTAPINE 90	413	22.8	1.61	89	48.95	4.58	3.0
PAYMASTER 147	.	.	.	.	.	.	.

ACALA 1517-88	459	26.5	1.69	86	46.24	3.89	2.7
GP 74+	.	.	.	.	.	.	.

CHICKASHA, OK (IRR)

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
TAMCOT CD3H	399	A	6.09	35.9	10.8	129	1.07	0.54	197	7.1	4.10
HOLLAND 1919	382	A	6.44	33.2	12.4	148	1.14	0.57	223	7.1	3.90
ALL-TEX QUICKIE	381	A	6.01	33.4	12.4	157	1.15	0.57	216	6.6	4.00
DELTAPINE 50	376	A	5.20	33.3	11.4	133	1.13	0.55	194	8.1	4.50
PAYMASTER HS 26	348	B A	6.08	34.6	12.7	143	1.10	0.59	223	8.0	4.50
PAYMASTER HS 200	348	B A	6.04	33.3	12.1	154	1.17	0.59	235	7.3	4.50
LANKART 142	306	B C	6.62	35.5	12.8	141	1.13	0.55	214	7.0	4.40
GP 74+	288	B C	6.16	33.2	12.2	128	1.14	0.55	186	7.4	3.90
ACALA 1517-88	271	C	5.54	35.2	11.8	176	1.19	0.60	263	6.9	4.15
SOUTHLAND 400	271	C	6.39	33.1	12.9	149	1.15	0.58	219	7.6	4.45
PAYMASTER 147	255	C	6.00	35.2	11.5	121	1.07	0.55	218	7.8	4.50
DELTAPINE 90	197	D	5.12	35.5	10.5	154	1.16	0.59	238	6.5	4.45

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
TAMCOT CD3H	1.06	85.3	28.3	9.0	74.0	7.1	4.05	813	24.04	3.35	0.74
HOLLAND 1919	1.15	86.9	30.0	10.0	77.5	7.2	4.10	867	22.63	3.26	0.67
ALL-TEX QUICKIE	1.14	84.0	31.6	9.6	76.3	6.9	3.90	783	23.39	3.27	0.70
DELTAPINE 50	1.14	84.3	29.3	10.0	74.5	8.1	4.45	830	21.78	2.86	0.81
PAYMASTER HS 26	1.11	86.6	33.3	10.0	75.2	7.8	4.60	714	23.24	3.03	0.86

PAYMASTER HS 200	1.16	85.8	33.3	9.8	75.2	7.9	4.40	752	22.08	3.43	0.86
LANKART 142	1.12	84.5	31.1	9.7	74.7	8.3	4.15	506	22.60	3.34	0.57
GP 74+	1.13	84.0	27.4	9.7	76.3	7.4	3.90	617	22.39	3.14	0.65
ACALA 1517-88	1.21	85.5	36.2	9.8	72.9	7.5	4.20	544	23.03	3.30	0.66
SOUTHLAND 400	1.12	85.8	32.3	9.9	73.9	7.7	4.45	570	22.15	3.29	0.75
PAYMASTER 147	1.06	84.7	29.3	10.0	75.0	7.8	4.35	558	22.48	3.35	0.75
DELTAPINE 90	1.15	84.8	34.4	9.8	75.1	7.7	4.30	379	21.40	3.11	0.82

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
TAMCOT CD3H	.	.	.	.	.	.	.
HOLLAND 1919	.	.	.	.	.	.	.
ALL-TEX QUICKIE	.	.	.	.	.	.	.
DELTAPINE 50	439	33.5	1.83	80	52.33	4.60	2.7
PAYMASTER HS 26	434	31.3	1.79	82	51.68	4.59	2.8
PAYMASTER HS 200	.	.	.	.	.	.	.
LANKART 142	.	.	.	.	.	.	.
GP 74+	.	.	.	.	.	.	.
ACALA 1517-88	469	27.3	1.70	85	45.63	3.76	2.6
SOUTHLAND 400	.	.	.	.	.	.	.
PAYMASTER 147	.	.	.	.	.	.	.
DELTAPINE 90	447	31.0	1.78	82	49.97	4.32	2.7

CHILLICOTHE, TX (DRY)

VARIETY	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)	
TAMCOT CD3H	526	A	.	.	.	.	.	.	.	.	.

PAYMASTER HS 26	517	A	.	.	.	.	.	.	.	.	.
PAYMASTER HS 200	420	B	.	.	.	.	.	.	.	.	.
ACALA 1517-88	395	C B	.	.	.	.	.	.	.	.	.
HOLLAND 1919	393	C B	.	.	.	.	.	.	.	.	.
DELTAPINE 50	380	C B	.	.	.	.	.	.	.	.	.
LANKART 142	361	C B	.	.	.	.	.	.	.	.	.
ALL-TEX QUICKIE	358	C B	.	.	.	.	.	.	.	.	.
PAYMASTER 147	311	C D	.	.	.	.	.	.	.	.	.
SOUTHLAND 400	304	C D	.	.	.	.	.	.	.	.	.
DELTAPINE 90	256	D	.	.	.	.	.	.	.	.	.
GP 74+	256	D	.	.	.	.	.	.	.	.	.

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. UNIFORMITY (inches)	(%)	STRENGTH (g/tex)	E	Colorimeter Rd	Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
TAMCOT CD3H	.	.	.	.	.	.	.	.	.	.	.
PAYMASTER HS 26	.	.	.	.	.	.	.	.	.	.	.
PAYMASTER HS 200	.	.	.	.	.	.	.	.	.	.	.
ACALA 1517-88	.	.	.	.	.	.	.	.	.	.	.
HOLLAND 1919	.	.	.	.	.	.	.	.	.	.	.
DELTAPINE 50	.	.	.	.	.	.	.	.	.	.	.
LANKART 142	.	.	.	.	.	.	.	.	.	.	.
ALL-TEX QUICKIE	.	.	.	.	.	.	.	.	.	.	.
PAYMASTER 147	.	.	.	.	.	.	.	.	.	.	.
SOUTHLAND 400	.	.	.	.	.	.	.	.	.	.	.
DELTAPINE 90	.	.	.	.	.	.	.	.	.	.	.
GP 74+	.	.	.	.	.	.	.	.	.	.	.

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
TAMCOT CD3H	.	.	.	.	.	.	.

PAYMASTER HS 26	.	.	.	.	.	.	.
PAYMASTER HS 200	.	.	.	.	.	.	.
ACALA 1517-88	.	.	.	.	.	.	.
HOLLAND 1919	.	.	.	.	.	.	.
DELTAPINE 50	.	.	.	.	.	.	.
LANKART 142	.	.	.	.	.	.	.
ALL-TEX QUICKIE	.	.	.	.	.	.	.
PAYMASTER 147	.	.	.	.	.	.	.
SOUTHLAND 400	.	.	.	.	.	.	.
DELTAPINE 90	.	.	.	.	.	.	.
GP 74+	.	.	.	.	.	.	.

LAMESA, TX (DRY)

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
DELTAPINE 90	568	A	3.68	36.3	8.6	140	1.08	0.51	237	7.9	3.70
PAYMASTER HS 26	537	B A	4.74	35.1	10.7	135	1.04	0.51	233	8.8	4.50
ALL-TEX QUICKIE	505	B A	4.28	34.7	10.4	134	1.07	0.51	210	7.4	3.70
DELTAPINE 50	503	B A	3.77	34.0	9.0	118	1.09	0.50	199	8.9	3.75
LANKART 142	499	B A	4.67	34.7	10.8	124	1.03	0.49	207	8.0	3.75
ACALA 1517-88	486	B A	3.96	35.3	9.7	152	1.11	0.52	232	7.3	3.60
HOLLAND 1919	484	B A	4.19	35.5	9.9	132	1.09	0.52	212	7.8	3.50
TAMCOT CD3H	465	B A	4.24	37.3	8.4	111	1.00	0.47	184	7.9	3.45
SOUTHLAND 400	464	B A	4.78	33.8	10.1	137	1.03	0.50	220	7.1	4.35
GP 74+	464	B A	4.93	35.3	10.4	108	1.04	0.48	181	8.1	3.55
PAYMASTER HS 200	453	B A	3.99	35.4	9.3	135	1.08	0.53	224	7.9	3.80
PAYMASTER 147	424	B	4.52	34.3	9.8	106	1.00	0.49	186	8.1	3.80

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						Seed Data			
VARIETY	2.5% S.L.	UNIFORMITY	STRENGTH	E	Colorimeter	MICRONAIRE	YIELD	OIL	NITROGEN	FREE

	(inches)	(%)	(g/tex)		Rd	Hunter's b	(Reading)	(lb/acre)	(%)	(%)	GOSSYPOL (%)
DELTAPINE 90	1.06	81.4	32.1	10.0	79.6	8.7	3.70	939	18.83	3.44	0.70
PAYMASTER HS 26	1.02	82.5	32.7	10.0	77.6	8.3	4.50	897	21.08	3.50	0.73
ALL-TEX QUICKIE	1.07	79.8	29.9	9.4	78.4	8.5	3.65	806	21.37	3.52	0.55
DELTAPINE 50	1.08	81.7	26.6	10.0	77.7	8.8	3.90	916	18.57	3.26	0.70
LANKART 142	1.03	81.0	28.4	9.7	76.3	8.9	3.80	854	20.88	3.76	0.48
ACALA 1517-88	1.11	81.8	33.4	9.9	77.3	8.7	3.75	1044	20.86	3.62	0.55
HOLLAND 1919	1.08	82.1	28.2	9.8	78.4	8.5	3.60	853	21.03	3.53	0.52
TAMCOT CD3H	0.98	80.3	25.2	9.0	78.0	8.6	3.45	826	21.36	3.50	0.51
SOUTHLAND 400	1.00	81.1	32.3	9.9	76.4	9.2	4.25	910	20.60	3.73	0.50
GP 74+	1.03	79.7	24.9	9.4	77.1	8.7	3.50	699	18.97	3.77	0.45
PAYMASTER HS 200	1.07	81.9	32.2	10.0	77.4	8.9	3.80	770	19.76	3.80	0.62
PAYMASTER 147	0.99	81.3	26.8	9.9	77.5	9.0	3.90	825	19.19	3.48	0.62

	Arealometer Data						
VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
DELTAPINE 90	514	38.0	1.91	77	46.77	3.52	2.3
PAYMASTER HS 26	449	28.3	1.73	84	48.25	4.15	2.7
ALL-TEX QUICKIE	.	.	.	.	.	.	.
DELTAPINE 50	503	37.5	1.90	78	47.59	3.66	2.4
LANKART 142	.	.	.	.	.	.	.
ACALA 1517-88	508	31.3	1.79	82	44.20	3.36	2.4
HOLLAND 1919	.	.	.	.	.	.	.
TAMCOT CD3H	.	.	.	.	.	.	.
SOUTHLAND 400	.	.	.	.	.	.	.
GP 74+	.	.	.	.	.	.	.
PAYMASTER HS 200	.	.	.	.	.	.	.
PAYMASTER 147	.	.	.	.	.	.	.

TIPTON, OK

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
PAYMASTER HS 200	816	A	6.28	34.4	11.4	.	.	.	.	.	.
PAYMASTER HS 26	815	A	6.34	33.6	12.1	.	.	.	.	.	.
HOLLAND 1919	771	A	6.40	35.2	11.3	.	.	.	.	.	.
LANKART 142	690	B	6.79	35.6	11.8	.	.	.	.	.	.
SOUTHLAND 400	680	B	6.44	32.6	11.9	.	.	.	.	.	.
PAYMASTER 147	669	C B	6.04	36.5	11.4	.	.	.	.	.	.
ALL-TEX QUICKIE	667	C B	6.03	33.1	11.9	.	.	.	.	.	.
DELTAPINE 50	666	C B	5.36	33.8	10.4	.	.	.	.	.	.
ACALA 1517-88	638	C B	5.22	35.2	11.2	.	.	.	.	.	.
DELTAPINE 90	597	C D	4.89	33.5	9.6	.	.	.	.	.	.
GP 74+	534	D	6.37	34.1	11.9	.	.	.	.	.	.
TAMCOT CD3H	461	E	6.15	35.5	10.7	.	.	.	.	.	.

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)							Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
PAYMASTER HS 200	.	.	.	.	.	.	.	1471	.	.	.
PAYMASTER HS 26	.	.	.	.	.	.	.	1629	.	.	.
HOLLAND 1919	.	.	.	.	.	.	.	1436	.	.	.
LANKART 142	.	.	.	.	.	.	.	1291	.	.	.
SOUTHLAND 400	.	.	.	.	.	.	.	1369	.	.	.
PAYMASTER 147	.	.	.	.	.	.	.	1189	.	.	.
ALL-TEX QUICKIE	.	.	.	.	.	.	.	1340	.	.	.
DELTAPINE 50	.	.	.	.	.	.	.	1300	.	.	.
ACALA 1517-88	.	.	.	.	.	.	.	1219	.	.	.
DELTAPINE 90	.	.	.	.	.	.	.	1155	.	.	.
GP 74+	.	.	.	.	.	.	.	1107	.	.	.
TAMCOT CD3H	.	.	.	.	.	.	.	815	.	.	.

VARIETY	Arealometer Data A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
PAYMASTER HS 200	.	.	.	.	.	.	.
PAYMASTER HS 26	.	.	.	.	.	.	.
HOLLAND 1919	.	.	.	.	.	.	.
LANKART 142	.	.	.	.	.	.	.
SOUTHLAND 400	.	.	.	.	.	.	.
PAYMASTER 147	.	.	.	.	.	.	.
ALL-TEX QUICKIE	.	.	.	.	.	.	.
DELTAPINE 50	.	.	.	.	.	.	.
ACALA 1517-88	.	.	.	.	.	.	.
DELTAPINE 90	.	.	.	.	.	.	.
GP 74+	.	.	.	.	.	.	.
TAMCOT CD3H	.	.	.	.	.	.	.

1995 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

1995 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD	BOLL SIZE	LINT	SEED	YARN TENACITY	Digital Fibrograph 2.5% S.L.	Digital Fibrograph 50% S.L.	Stelometer T1	Stelometer E1	MICRONAIRE

	(lb/acre)		(g/boll)	PERCENT	INDEX	(mN/tex)	(inches)	(inches)	(mN/tex)	(%)	(Reading)
CHEMBRED CBX1210	1096	A	5.23	40.2	9.0	143	1.13	0.55	220	7.6	4.20
DELTAPINE 90	1093	B A	4.47	40.3	8.7	138	1.13	0.54	218	8.1	4.08
DELTAPINE 50	1031	B A C	4.94	37.6	9.8	118	1.14	0.54	183	9.3	4.45
ACALA 1517-95	1016	DB A C	5.13	38.1	10.6	145	1.17	0.57	224	7.6	4.16
ACALA W 5250	974	DBEA C	5.26	38.3	11.2	169	1.19	0.58	248	7.3	3.96
ACALA 1517-88	934	DBEA C	5.09	38.9	9.7	154	1.16	0.56	233	7.0	4.06
ACALA 1517-91	919	DBEA C	5.02	40.5	10.8	155	1.16	0.57	238	7.3	3.96
PAYMASTER HS 26	908	DBE C	5.52	37.8	10.6	129	1.06	0.54	211	9.3	4.53
ACALA 1517 SR-3	896	D E C	4.88	38.7	10.6	160	1.19	0.58	249	7.4	3.93
ACALA PREMA	878	D E C	5.59	39.0	10.6	168	1.16	0.58	248	7.3	3.76
ACALA MAXXA	836	D E	5.91	42.5	10.8	156	1.16	0.57	227	7.9	3.75
ACALA GC 510	806	E	5.74	40.2	10.3	165	1.15	0.57	235	7.3	3.91

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CHEMBRED CBX1210	1.13	83.1	31.0	9.9	75.3	8.1	4.24	1727	21.30	3.40	0.70
DELTAPINE 90	1.13	82.5	30.9	9.8	76.0	8.1	4.00	1702	19.77	3.31	0.82
DELTAPINE 50	1.14	83.2	25.8	9.9	75.7	7.9	4.41	1815	20.25	3.30	0.87
ACALA 1517-95	1.16	83.9	31.6	9.9	72.8	8.1	4.13	1732	21.03	3.52	0.72
ACALA W 5250	1.18	84.1	35.0	9.7	73.0	7.9	3.79	1644	21.94	3.40	0.62
ACALA 1517-88	1.18	84.0	32.8	9.8	73.0	8.3	4.05	1570	21.30	3.52	0.67
ACALA 1517-91	1.17	83.9	32.2	9.7	73.3	8.3	3.98	1423	21.95	3.49	0.66
PAYMASTER HS 26	1.04	83.3	29.9	10.1	73.5	8.1	4.53	1563	21.20	3.40	0.81
ACALA 1517 SR-3	1.18	84.2	33.4	9.8	73.1	8.0	3.86	1449	21.60	3.61	0.70
ACALA PREMA	1.16	84.4	34.7	9.9	74.4	8.4	3.73	1433	20.83	3.47	0.53
ACALA MAXXA	1.15	84.4	32.1	9.6	75.1	7.9	3.70	1252	20.41	3.85	0.58
ACALA GC 510	1.14	84.1	34.3	10.0	74.7	8.3	3.88	1213	21.17	3.68	0.47

Arealometer Data

VARIETY	A	D	I	M	p	w	t

	(mm2/mm3)	(mm2/mm3)		(%)	(microns)	(mg/inch)	(microns)
CHEMBRED CBX1210	.	.	.	.	.	.	.
DELTAPINE 90	493	37.1	1.89	78	48.14	3.79	2.44
DELTAPINE 50	460	35.3	1.84	80	50.16	4.28	2.68
ACALA 1517-95	.	.	.	.	.	.	.
ACALA W 5250	.	.	.	.	.	.	.
ACALA 1517-88	484	26.9	1.68	86	43.64	3.51	2.57
ACALA 1517-91	.	.	.	.	.	.	.
PAYMASTER HS 26	444	29.7	1.75	83	49.52	4.33	2.75
ACALA 1517 SR-3	.	.	.	.	.	.	.
ACALA PREMA	.	.	.	.	.	.	.
ACALA MAXXA	.	.	.	.	.	.	.
ACALA GC 510	.	.	.	.	.	.	.

BOLL SIZE, GRAM PER BOLL

ACALA MAXXA	5.91	A
ACALA GC 510	5.74	B A
ACALA PREMA	5.59	B A C
PAYMASTER HS 26	5.52	DB A C
ACALA W 5250	5.26	DB C
CHEMBRED CBX1210	5.23	DB C
ACALA 1517-95	5.13	DB C
ACALA 1517-88	5.09	D C
ACALA 1517-91	5.02	D E C
DELTAPINE 50	4.94	D E
ACALA 1517 SR-3	4.88	D E
DELTAPINE 90	4.47	E

YARN TENACITY

ACALA W 5250	169	A
ACALA PREMA	168	A
ACALA GC 510	165	B A
ACALA 1517 SR-3	160	B C
ACALA MAXXA	156	C
ACALA 1517-91	155	C
ACALA 1517-88	154	C
ACALA 1517-95	145	D
CHEMBRED CBX1210	143	D
DELTAPINE 90	138	D
PAYMASTER HS 26	129	E
DELTAPINE 50	118	F

LINT PERCENT

ACALA MAXXA	42.5	A
ACALA 1517-91	40.5	B
DELTAPINE 90	40.3	B
ACALA GC 510	40.2	B
CHEMBRED CBX1210	40.2	B
ACALA PREMA	39.0	C
ACALA 1517-88	38.9	C
ACALA 1517 SR-3	38.7	D C
ACALA W 5250	38.3	D C
ACALA 1517-95	38.1	D C
PAYMASTER HS 26	37.8	D
DELTAPINE 50	37.6	D

SEED INDEX

FIBROGRAPH--50% S. L.

STELOMETER - T1

ACALA W 5250	11.2	A
ACALA MAXXA	10.8	B A
ACALA 1517-91	10.8	B A
ACALA PREMA	10.6	B A
ACALA 1517-95	10.6	B A C
PAYMASTER HS 26	10.6	B A C
ACALA 1517 SR-3	10.6	B A C
ACALA GC 510	10.3	B C
DELTAPINE 50	9.8	C
ACALA 1517-88	9.7	C
CHEMBRED CBX1210	9.0	D
DELTAPINE 90	8.7	D

ACALA W 5250	0.58	A
ACALA PREMA	0.58	B A
ACALA 1517 SR-3	0.58	B A
ACALA GC 510	0.57	B A
ACALA 1517-91	0.57	B A
ACALA 1517-95	0.57	B A
ACALA MAXXA	0.57	B
ACALA 1517-88	0.56	B C
CHEMBRED CBX1210	0.55	D C
PAYMASTER HS 26	0.54	D
DELTAPINE 90	0.54	D
DELTAPINE 50	0.54	D

ACALA 1517 SR-3	249	A
ACALA PREMA	248	B A
ACALA W 5250	248	B A
ACALA 1517-91	238	B A C
ACALA GC 510	235	DB A C
ACALA 1517-88	233	DB E C
ACALA MAXXA	227	D E C
ACALA 1517-95	224	DF E C
CHEMBRED CBX1210	220	DF E
DELTAPINE 90	218	F E
PAYMASTER HS 26	211	F
DELTAPINE 50	183	G

2.5% S.L. (INCHES)

ACALA 1517-88	1.18	A
ACALA 1517 SR-3	1.18	A
ACALA W 5250	1.18	A
ACALA 1517-91	1.17	B A
ACALA 1517-95	1.16	B A C
ACALA PREMA	1.16	DB A C
ACALA MAXXA	1.15	DBEA C
ACALA GC 510	1.14	DBE C
DELTAPINE 50	1.14	D E C
CHEMBRED CBX1210	1.13	D E
DELTAPINE 90	1.13	E
PAYMASTER HS 26	1.04	F

STELOMETER - E1

PAYMASTER HS 26	9.3	A
DELTAPINE 50	9.3	A
DELTAPINE 90	8.1	B
ACALA MAXXA	7.9	C B
CHEMBRED CBX1210	7.6	C B D
ACALA 1517-95	7.6	C B D
ACALA 1517 SR-3	7.4	C E D
ACALA GC 510	7.3	C E D
ACALA PREMA	7.3	C E D
ACALA W 5250	7.3	C E D
ACALA 1517-91	7.3	E D
ACALA 1517-88	7.0	E

UR (PERCENT)

ACALA MAXXA	84.4	A
ACALA PREMA	84.4	A
ACALA 1517 SR-3	84.2	A
ACALA GC 510	84.1	A
ACALA W 5250	84.1	A
ACALA 1517-88	84.0	B A
ACALA 1517-91	83.9	B A C
ACALA 1517-95	83.9	B A C
PAYMASTER HS 26	83.3	B D C
DELTAPINE 50	83.2	D C
CHEMBRED CBX1210	83.1	D
DELTAPINE 90	82.5	D

MICRONAIRE

PAYMASTER HS 26	4.53	A
DELTAPINE 50	4.45	B A

STRENGTH (G/TEX)

ACALA W 5250	35.0	A
ACALA PREMA	34.7	A

E

PAYMASTER HS 26	10.1	A
ACALA GC 510	10.0	B A

CHEMBRED CBX1210	4.20	B C
ACALA 1517-95	4.16	B C
DELTAPINE 90	4.08	D C
ACALA 1517-88	4.06	D C E
ACALA 1517-91	3.96	D C E
ACALA W 5250	3.96	D C E
ACALA 1517 SR-3	3.93	D C E
ACALA GC 510	3.91	D C E
ACALA PREMA	3.76	D E
ACALA MAXXA	3.75	E

ACALA GC 510	34.3	BA
ACALA 1517 SR-3	33.4	BA C
ACALA 1517-88	32.8	BD C
ACALA 1517-91	32.2	ED C
ACALA MAXXA	32.1	ED C
ACALA 1517-95	31.6	ED
CHEMBRED CBX1210	31.0	EF
DELTAPINE 90	30.9	EF
PAYMASTER HS 26	29.9	F
DELTAPINE 50	25.8	G

DELTAPINE 50	9.9	B A
ACALA 1517-95	9.9	B A
ACALA PREMA	9.9	B A
CHEMBRED CBX1210	9.9	B A
DELTAPINE 90	9.8	B
ACALA 1517-88	9.8	B C
ACALA 1517 SR-3	9.8	B C
ACALA 1517-91	9.7	B C
ACALA W 5250	9.7	B C
ACALA MAXXA	9.6	C

MICRONAIRE (SL-HVI)

PAYMASTER HS 26	4.53	A
DELTAPINE 50	4.41	B A
CHEMBRED CBX1210	4.24	B C
ACALA 1517-95	4.13	D C
ACALA 1517-88	4.05	D C E
DELTAPINE 90	4.00	D C E
ACALA 1517-91	3.98	FD C E
ACALA GC 510	3.88	FD G E
ACALA 1517 SR-3	3.86	FD G E
ACALA W 5250	3.79	F G E
ACALA PREMA	3.73	F G
ACALA MAXXA	3.70	G

COLORIMETER - Rd

DELTAPINE 90	76.0	A
DELTAPINE 50	75.7	A
CHEMBRED CBX1210	75.3	B A
ACALA MAXXA	75.1	B A C
ACALA GC 510	74.7	DB A C
ACALA PREMA	74.4	DB A C
PAYMASTER HS 26	73.5	DB C
ACALA 1517-91	73.3	DB C
ACALA 1517 SR-3	73.1	D C
ACALA W 5250	73.0	D C
ACALA 1517-88	73.0	D C
ACALA 1517-95	72.8	D

OIL (PERCENT)

ACALA 1517-91	21.95	A
ACALA W 5250	21.94	A
ACALA 1517 SR-3	21.60	B A
ACALA 1517-88	21.30	B A C
CHEMBRED CBX1210	21.30	B A C
PAYMASTER HS 26	21.20	B A C
ACALA GC 510	21.17	B A C
ACALA 1517-95	21.03	B A C
ACALA PREMA	20.83	DB A C
ACALA MAXXA	20.41	DB C
DELTAPINE 50	20.25	D C
DELTAPINE 90	19.77	D

FREE GOSSYPOL (PERCENT)

DELTAPINE 50	0.87	A
DELTAPINE 90	0.82	B A
PAYMASTER HS 26	0.81	B A C
ACALA 1517-95	0.72	B D C

COLORIMETER - b

ACALA PREMA	8.4	A
ACALA GC 510	8.3	B A
ACALA 1517-88	8.3	B A
ACALA 1517-91	8.3	B A

NITROGEN (PERCENT)

ACALA MAXXA	3.85	A
ACALA GC 510	3.68	B A
ACALA 1517 SR-3	3.61	B C
ACALA 1517-88	3.52	B C D

ACALA 1517 SR-3	0.70	B D C
CHEMBRED CBX1210	0.70	B D C
ACALA 1517-88	0.67	EB D C
ACALA 1517-91	0.66	E D C
ACALA W 5250	0.62	E D
ACALA MAXXA	0.58	EF D
ACALA PREMA	0.53	EF
ACALA GC 510	0.47	F

CHEMBRED CBX1210	8.1	B A
PAYMASTER HS 26	8.1	B A
DELTAPINE 90	8.1	B A
ACALA 1517-95	8.1	B A
ACALA 1517 SR-3	8.0	B A
ACALA W 5250	7.9	B
DELTAPINE 50	7.9	B
ACALA MAXXA	7.9	B

ACALA 1517-95	3.52	B C D
ACALA 1517-91	3.49	EB C D
ACALA PREMA	3.47	E C D
PAYMASTER HS 26	3.40	E D
CHEMBRED CBX1210	3.40	E D
ACALA W 5250	3.40	E D
DELTAPINE 90	3.31	E
DELTAPINE 50	3.30	E

SEED YIELD (LB/ACRE)

DELTAPINE 50	1815	A
ACALA 1517-95	1731	A
CHEMBRED CBX1210	1726	A
DELTAPINE 90	1701	B A
ACALA W 5250	1644	B A C
ACALA 1517-88	1570	B A C
PAYMASTER HS 26	1562	B A C
ACALA 1517 SR-3	1448	B D C
ACALA PREMA	1433	B D C
ACALA 1517-91	1423	D C
ACALA MAXXA	1251	D
ACALA GC 510	1212	D

AREALOMETER - A (mm2/mm3)

DELTAPINE 90	493	A
ACALA 1517-88	484	A
DELTAPINE 50	460	B A
PAYMASTER HS 26	444	B

AREALOMETER - M (PERCENT)

ACALA 1517-88	86	A
PAYMASTER HS 26	83	B A
DELTAPINE 50	80	B A
DELTAPINE 90	78	B

AREALOMETER - D (mm2/mm3)

DELTAPINE 90	37.1	A
DELTAPINE 50	35.3	B A
PAYMASTER HS 26	29.7	B A
ACALA 1517-88	26.9	B

AREALOMETER - p (Microns)

AREALOMETER - t (MICRONS)

AREALOMETER - I

DELTAPINE 50	50.16	A	PAYMASTER HS 26	2.75	A	DELTAPINE 90	1.9	A
PAYMASTER HS 26	49.52	A	DELTAPINE 50	2.68	A	DELTAPINE 50	1.8	B A
DELTAPINE 90	48.14	A	ACALA 1517-88	2.57	B A	PAYMASTER HS 26	1.8	B A
ACALA 1517-88	43.64	B	DELTAPINE 90	2.44	B	ACALA 1517-88	1.7	B

AREALOMETER -w (MG/INCH)

PAYMASTER HS 26	4.33	A
DELTAPINE 50	4.28	A
DELTAPINE 90	3.79	B
ACALA 1517-88	3.51	B

LOCATIONS COMBINING VARIETIES

LOCATION	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
UNIVERSITY PARK, NM	1201	A	5.93	40.3	.	151	1.19	0.58	219	8.4	4.24
PECOS, TX (IRR)	1092	B	3.93	37.9	9.9	145	1.11	0.53	233	7.2	3.99
EL PASO, TX (IRR)	1019	B	5.43	41.3	10.5	139	1.11	0.54	218	7.7	4.57
ARTESIA, NM (IRR)	540	C	4.79	36.5	10.2	164	1.18	0.58	241	7.8	3.48

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

LOCATION	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
UNIVERSITY PARK, NM	1.19	85.0	31.8	9.9	76.8	8.2	4.17	1787	22.02	3.37	0.76
PECOS, TX (IRR)	1.09	82.1	31.8	9.7	76.4	8.9	3.97	1764	21.28	3.21	0.78
EL PASO, TX (IRR)	1.11	82.8	31.2	9.9	69.3	6.6	4.56	1444	21.21	3.65	0.68
ARTESIA, NM (IRR)	1.18	84.8	33.0	9.8	74.2	8.9	3.41	977	19.81	3.70	0.52

	Arealometer Data						
LOCATION	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
UNIVERSITY PARK, NM	446	26.9	1.69	86	47.60	4.13	2.8
PECOS, TX (IRR)	467	28.2	1.72	84	46.45	3.86	2.6
EL PASO, TX (IRR)	426	23.7	1.63	88	48.03	4.37	2.9
ARTESIA, NM (IRR)	541	50.3	2.12	69	49.38	3.55	2.2

UNIVERSITY PARK, NM

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CHEMBRED CBX1210	1476	A	6.48	41.5	.	150	1.19	0.59	217	8.0	4.30
DELTAPINE 90	1458	A	5.08	42.0	.	141	1.16	0.55	214	9.4	4.00
DELTAPINE 50	1426	A	5.58	38.4	.	119	1.20	0.57	176	10	4.70
ACALA 1517-95	1231	B	5.83	38.4	.	151	1.20	0.59	220	8.1	4.65
ACALA 1517-88	1222	B	6.03	39.9	.	154	1.20	0.59	223	7.0	4.45

PAYMASTER HS 26	1205		B	6.30	38.4	.	130	1.10	0.56	202	10	4.65
ACALA 1517-91	1177		B	5.35	41.4	.	158	1.19	0.60	232	8.0	4.15
ACALA W 5250	1124		B	5.63	38.8	.	166	1.23	0.61	239	8.0	4.05
ACALA 1517 SR-3	1103		B	5.28	39.9	.	154	1.23	0.60	230	8.1	4.25
ACALA MAXXA	1066	C	B	6.30	43.1	.	158	1.19	0.58	218	8.5	3.65
ACALA PREMA	1054	C	B	6.73	40.0	.	170	1.19	0.60	235	7.6	3.90
ACALA GC 510	871	C		6.58	42.0	.	166	1.19	0.60	218	7.9	4.10

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CHEMBRED CBX1210	1.20	85.2	30.8	9.9	77.9	7.7	4.30	2092	23.80	3.29	0.62
DELTAPINE 90	1.20	83.4	30.4	10.0	77.0	8.3	3.90	2013	19.54	3.14	0.91
DELTAPINE 50	1.20	84.4	24.3	9.9	79.3	8.1	4.45	2285	22.21	3.29	1.03
ACALA 1517-95	1.21	85.3	32.3	10.0	75.4	8.3	4.50	1983	21.84	3.47	0.79
ACALA 1517-88	1.22	85.6	33.6	10.0	75.9	8.5	4.25	1846	22.94	3.30	0.70
PAYMASTER HS 26	1.08	84.3	30.7	10.0	76.3	8.0	4.65	1924	21.91	3.23	0.90
ACALA 1517-91	1.21	85.8	30.3	9.9	75.9	8.4	4.30	1667	22.14	3.35	0.78
ACALA W 5250	1.21	84.5	35.3	9.7	75.8	8.2	3.90	1778	22.85	3.25	0.72
ACALA 1517 SR-3	1.20	85.3	33.3	9.8	76.5	8.7	4.20	1668	21.45	3.60	0.68
ACALA MAXXA	1.20	85.8	32.8	9.9	78.6	7.9	3.65	1406	20.85	3.61	0.65
ACALA PREMA	1.21	85.5	34.1	10.0	76.2	8.2	3.80	1586	22.19	3.39	0.72
ACALA GC 510	1.18	85.6	34.4	10.0	77.7	8.2	4.10	1204	22.57	3.56	0.57

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
CHEMBRED CBX1210	.	.	.	.	.	.	.
DELTAPINE 90	480	35.0	1.85	79	48.43	3.89	2.5
DELTAPINE 50	427	23.8	1.63	88	47.97	4.34	2.9
ACALA 1517-95	.	.	.	.	.	.	.
ACALA 1517-88	449	18.5	1.51	92	42.25	3.64	2.8

PAYMASTER HS 26	429	30.3	1.77	83	51.74	4.66	2.8
ACALA 1517-91	.	.	.	.	.	.	.
ACALA W 5250	.	.	.	.	.	.	.
ACALA 1517 SR-3	.	.	.	.	.	.	.
ACALA MAXXA	.	.	.	.	.	.	.
ACALA PREMA	.	.	.	.	.	.	.
ACALA GC 510	.	.	.	.	.	.	.

EL PASO, TX (IRR)

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CHEMBRED CBX1210	1303	A	4.61	43.3	8.5	119	1.07	0.51	191	7.8	4.85
DELTAPINE 90	1118	B A	4.91	42.5	8.7	122	1.08	0.52	202	7.8	4.70
ACALA 1517-95	1105	B A C	5.44	40.6	10.9	135	1.13	0.56	218	7.8	4.50
ACALA W 5250	1092	B A C	5.61	40.5	11.7	167	1.17	0.57	240	7.3	4.45
ACALA 1517-88	1076	B A C	5.05	41.5	10.2	141	1.14	0.55	232	6.3	4.45
ACALA MAXXA	1045	B A C	5.86	44.4	10.8	142	1.11	0.54	218	7.4	4.35
ACALA PREMA	1029	DB A C	6.05	40.6	11.5	159	1.12	0.55	231	7.3	4.25
DELTAPINE 50	1025	DB A C	4.98	39.2	9.9	105	1.09	0.53	177	9.5	4.85
ACALA 1517-91	979	DB C	5.65	42.2	11.3	144	1.16	0.56	229	7.1	4.60
ACALA 1517 SR-3	868	DB C	5.37	40.9	10.9	156	1.15	0.55	245	7.1	4.40
ACALA GC 510	832	D C	5.94	41.3	11.0	155	1.09	0.54	224	7.4	4.55
PAYMASTER HS 26	759	D	5.65	39.3	10.3	118	1.03	0.53	212	9.4	4.90

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. UNIFORMITY (inches)	(%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)

CHEMBRED CBX1210	1.08	81.3	28.5	9.9	71.8	6.7	5.00	1708	21.23	3.51	0.96
DELTAPINE 90	1.07	81.3	29.1	10.0	71.6	6.4	4.70	1514	21.12	3.42	0.86
ACALA 1517-95	1.13	83.7	31.1	10.0	65.9	6.6	4.50	1616	20.80	3.63	0.64
ACALA W 5250	1.17	83.8	34.0	9.8	66.8	6.2	4.25	1605	22.07	3.52	0.66
ACALA 1517-88	1.17	83.1	31.3	9.8	67.8	6.3	4.55	1520	21.16	3.87	0.67
ACALA MAXXA	1.08	82.9	31.8	9.8	72.2	6.9	4.30	1310	20.47	4.08	0.63
ACALA PREMA	1.13	83.1	33.6	9.8	69.3	7.4	4.25	1508	20.98	3.33	0.52
DELTAPINE 50	1.11	82.3	25.9	10.0	70.7	6.6	4.90	1590	20.11	3.53	0.71
ACALA 1517-91	1.16	83.3	33.6	9.8	67.8	6.8	4.50	1341	21.66	3.79	0.57
ACALA 1517 SR-3	1.16	83.4	32.9	9.8	66.9	6.5	4.40	1258	22.04	3.80	0.69
ACALA GC 510	1.09	83.4	34.0	10.0	70.7	6.8	4.40	1184	21.22	3.91	0.47
PAYMASTER HS 26	1.01	82.7	29.2	10.5	70.3	6.6	5.00	1173	21.69	3.43	0.81

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
CHEMBRED CBX1210	.	.	.	.	.	.	.
DELTAPINE 90	452	27.3	1.71	85	47.42	4.05	2.7
ACALA 1517-95	.	.	.	.	.	.	.
ACALA W 5250	.	.	.	.	.	.	.
ACALA 1517-88	440	20.3	1.55	91	44.24	3.88	2.9
ACALA MAXXA	.	.	.	.	.	.	.
ACALA PREMA	.	.	.	.	.	.	.
DELTAPINE 50	408	25.0	1.66	87	51.03	4.83	3.0
ACALA 1517-91	.	.	.	.	.	.	.
ACALA 1517 SR-3	.	.	.	.	.	.	.
ACALA GC 510	.	.	.	.	.	.	.
PAYMASTER HS 26	406	22.3	1.60	89	49.43	4.70	3.1

PECOS, TX (IRR)

VARIETY	LINT YIELD	BOLL SIZE	LINT	SEED	YARN TENACITY	Digital Fibrograph 2.5% S.L.	Digital Fibrograph 50% S.L.	Stelometer T1	Stelometer E1	MICRONAIRE

	(lb/acre)		(g/boll)	PERCENT	INDEX	(mN/tex)	(inches)	(inches)	(mN/tex)	(%)	(Reading)
DELTAPINE 90	1327	A	2.81	39.0	8.6	135	1.11	0.52	222	7.5	4.10
CHEMBRED CBX1210	1238	B A	4.43	39.1	9.6	143	1.09	0.53	245	6.9	4.10
ACALA W 5250	1184	B A C	4.24	37.6	10.5	166	1.15	0.55	254	6.9	3.70
ACALA 1517-95	1166	B C	3.99	37.2	10.4	130	1.12	0.53	214	7.3	4.25
ACALA 1517 SR-3	1082	D C	4.02	36.7	10.4	157	1.13	0.55	264	6.9	3.65
DELTAPINE 50	1057	D C	4.10	36.3	9.9	112	1.09	0.51	178	8.1	4.60
ACALA 1517-88	1036	D C	4.01	37.2	9.4	154	1.11	0.52	224	7.0	3.85
PAYMASTER HS 26	1027	D C	3.92	37.2	10.2	129	1.02	0.51	216	8.3	4.25
ACALA 1517-91	996	D	3.93	39.9	10.2	150	1.11	0.53	235	6.4	3.70
ACALA GC 510	982	D	4.29	38.0	9.8	160	1.12	0.55	260	6.8	3.80
ACALA PREMA	921	D	3.49	38.6	9.8	160	1.12	0.55	254	7.0	3.85

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
DELTAPINE 90	1.09	81.4	30.8	9.8	78.6	8.8	4.05	2099	20.18	3.05	0.98
CHEMBRED CBX1210	1.09	81.8	32.5	9.9	75.6	9.2	4.20	1919	21.59	3.16	0.76
ACALA W 5250	1.13	82.4	33.7	9.4	76.2	8.5	3.60	1992	22.44	3.19	0.57
ACALA 1517-95	1.11	82.0	29.6	9.8	76.4	8.7	4.20	1887	21.21	3.24	0.89
ACALA 1517 SR-3	1.14	82.8	33.7	9.7	75.7	8.4	3.65	1769	21.98	3.28	0.84
DELTAPINE 50	1.09	81.6	26.1	9.9	78.9	8.9	4.60	1747	20.32	2.93	1.04
ACALA 1517-88	1.12	82.1	32.9	9.7	76.1	9.2	3.90	1683	21.36	3.19	0.77
PAYMASTER HS 26	1.01	82.3	29.2	10.0	76.8	9.1	4.25	1765	20.96	3.29	0.93
ACALA 1517-91	1.11	82.1	31.7	9.2	74.8	8.7	3.70	1507	22.59	3.04	0.78
ACALA GC 510	1.10	82.2	34.3	9.9	75.2	9.1	3.75	1514	20.55	3.40	0.54
ACALA PREMA	1.09	82.7	35.6	9.8	76.2	9.2	3.80	1523	20.89	3.53	0.50

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)

DELTAPINE 90	479	35.0	1.86	79	48.80	3.94	2.5
CHEMBRED CBX1210	.	.	.	.	.	.	.
ACALA W 5250	.	.	.	.	.	.	.
ACALA 1517-95	.	.	.	.	.	.	.
ACALA 1517 SR-3	.	.	.	.	.	.	.
DELTAPINE 50	437	28.3	1.72	84	49.59	4.38	2.8
ACALA 1517-88	492	25.0	1.66	87	42.39	3.33	2.5
PAYMASTER HS 26	460	24.5	1.65	87	45.01	3.78	2.7
ACALA 1517-91	.	.	.	.	.	.	.
ACALA GC 510	.	.	.	.	.	.	.
ACALA PREMA	.	.	.	.	.	.	.

ARTESIA, NM (IRR)

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
DELTAPINE 50	614	A	4.48	35.5	9.6	135	1.17	0.56	199	9.5	3.65
ACALA 1517-95	607	B A	4.56	36.0	10.5	163	1.21	0.59	243	7.3	3.25
ACALA PREMA	584	B A	4.97	35.9	10.6	184	1.20	0.61	272	7.5	3.05
PAYMASTER HS 26	568	B A	5.41	35.9	11.2	139	1.09	0.55	215	9.5	4.30
ACALA 1517-91	555	B A	4.85	37.9	11.0	170	1.19	0.58	254	7.5	3.40
ACALA W 5250	555	B A	5.20	35.7	11.4	177	1.21	0.60	258	7.0	3.65
ACALA GC 510	551	B A	5.32	38.0	10.2	180	1.19	0.60	236	7.4	3.20
ACALA 1517 SR-3	516	B A	4.48	36.1	10.4	174	1.23	0.61	255	7.4	3.40
ACALA MAXXA	501	B A	5.17	39.4	10.9	167	1.17	0.58	246	7.8	3.25
DELTAPINE 90	483	B A	4.47	35.9	8.8	154	1.16	0.56	235	7.8	3.50
ACALA 1517-88	472	B	4.37	36.3	9.7	167	1.20	0.58	251	7.6	3.50
CHEMBRED CBX1210	470	B	4.18	35.9	8.8	158	1.16	0.56	227	7.9	3.55

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
DELTAPINE 50	1.16	84.5	27.0	10.0	74.0	8.3	3.70	1168	18.36	3.46	0.69
ACALA 1517-95	1.21	84.5	33.6	9.8	73.8	8.7	3.30	1189	20.29	3.75	0.58
ACALA PREMA	1.22	86.2	35.5	9.9	75.9	9.0	3.05	963	19.27	3.62	0.40
PAYMASTER HS 26	1.05	83.9	30.6	10.0	70.7	8.7	4.20	1028	20.24	3.67	0.59
ACALA 1517-91	1.19	84.6	33.3	9.8	74.6	9.3	3.40	934	21.41	3.79	0.51
ACALA W 5250	1.22	85.8	36.8	9.9	73.3	8.9	3.40	1068	20.40	3.66	0.53
ACALA GC 510	1.19	85.3	34.7	10.0	75.2	9.2	3.25	960	20.35	3.85	0.31
ACALA 1517 SR-3	1.21	85.5	34.0	9.8	73.4	8.6	3.20	881	20.94	3.79	0.60
ACALA MAXXA	1.18	84.7	31.7	9.0	74.6	8.9	3.15	885	19.92	3.88	0.47
DELTAPINE 90	1.16	84.0	33.5	9.6	76.8	9.0	3.35	871	18.24	3.65	0.54
ACALA 1517-88	1.23	85.1	33.5	9.7	72.1	9.1	3.50	957	19.75	3.72	0.55
CHEMBRED CBX1210	1.17	84.0	32.3	9.7	75.9	9.0	3.45	823	18.58	3.63	0.47

	Arealometer Data						
VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
DELTAPINE 50	567	64.3	2.35	61	52.03	3.56	2.0
ACALA 1517-95	.	.	.	.	.	.	.
ACALA PREMA	.	.	.	.	.	.	.
PAYMASTER HS 26	480	41.8	1.98	75	51.89	4.18	2.5
ACALA 1517-91	.	.	.	.	.	.	.
ACALA W 5250	.	.	.	.	.	.	.
ACALA GC 510	.	.	.	.	.	.	.
ACALA 1517 SR-3	.	.	.	.	.	.	.
ACALA MAXXA	.	.	.	.	.	.	.
DELTAPINE 90	562	51.3	2.14	69	47.92	3.29	2.1
ACALA 1517-88	555	43.8	2.02	73	45.69	3.18	2.1
CHEMBRED CBX1210	.	.	.	.	.	.	.

1995 SAN JOAQUIN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

1995 SAN JOAQUIN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CX 294	998	A	6.11	41.5	11.6	147	1.16	0.57	242	5.9	4.55
GC 9209	982	B A	5.82	42.5	11.3	161	1.17	0.57	244	6.6	4.05
CBX 194	971	B A	6.20	40.8	12.8	148	1.12	0.54	235	6.3	4.08
ACALA MAXXA	965	B A	6.68	42.1	11.8	147	1.13	0.54	225	7.2	3.98
C 144	963	B A	6.44	43.6	12.5	168	1.20	0.58	250	6.8	3.95
DELTAPINE 50	951	B A	5.23	38.4	10.3	112	1.11	0.51	173	8.1	4.05
C 142	943	B A	5.99	45.2	12.0	161	1.16	0.57	258	6.9	4.10
OA 236	942	B A	6.13	46.6	11.5	150	1.13	0.54	231	6.9	4.00
GC 9203	934	B A	6.41	40.4	12.1	164	1.17	0.58	260	6.8	4.08
PHY 33	921	B A	6.95	38.7	12.6	150	1.15	0.58	230	6.7	4.43
C 141	916	B A	6.39	41.3	11.8	155	1.15	0.57	232	8.4	4.03
GC 9204	911	B A	6.37	38.5	12.7	166	1.17	0.59	252	6.9	3.75
OA 201	910	B A	6.38	41.5	12.3	146	1.15	0.54	228	6.8	3.90
DELTAPINE 90	905	B A	5.02	39.1	9.8	128	1.08	0.51	208	7.0	4.28
C 143	901	B A	6.00	46.5	12.2	156	1.17	0.57	245	7.0	4.00
OA 204	895	B A	6.14	40.4	12.5	164	1.14	0.57	261	7.1	3.85
PHY 43	842	B A	6.43	38.5	13.4	154	1.14	0.56	235	6.4	4.40
PAYMASTER HS 26	831	B A	5.63	37.0	11.0	131	1.09	0.53	211	8.8	4.05
ACALA 1517-88	796	B	5.61	40.8	10.2	142	1.14	0.54	224	6.6	3.83

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)							Seed Data			
	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CX 294	1.13	82.4	33.2	9.7	76.3	8.5	4.38	1355	21.67	4.04	0.45
GC 9209	1.14	82.5	33.8	9.4	77.0	8.6	3.98	1317	21.33	4.17	0.60
CBX 194	1.10	82.2	33.1	9.3	76.7	8.6	4.08	1397	20.22	4.04	0.44
ACALA MAXXA	1.13	82.3	32.4	9.2	77.7	8.4	3.80	1336	20.58	4.19	0.59
C 144	1.20	83.5	35.4	9.6	76.6	8.8	3.83	1194	21.28	4.42	0.55
DELTAPINE 50	1.10	81.1	26.2	9.8	77.1	7.7	3.93	1501	19.69	3.75	0.83
C 142	1.15	83.3	35.2	9.9	75.8	8.9	3.98	1139	21.40	4.55	0.54
OA 236	1.13	82.5	32.6	9.5	76.9	8.4	3.83	1044	20.65	4.18	0.61
GC 9203	1.14	83.2	36.7	9.8	76.5	8.1	3.98	1367	21.67	4.09	0.56
PHY 33	1.14	83.3	33.1	9.7	75.4	8.8	4.30	1310	20.96	3.88	0.49
C 141	1.12	82.7	33.4	9.9	76.7	8.6	3.88	1374	20.34	4.06	0.48
GC 9204	1.16	83.5	33.8	9.7	75.7	8.3	3.65	1479	21.53	3.94	0.42
OA 201	1.11	81.9	31.5	9.4	76.4	8.5	3.68	1326	20.64	4.15	0.61
DELTAPINE 90	1.08	81.7	29.9	9.6	77.4	8.3	4.13	1365	19.90	3.89	0.74
C 143	1.16	83.2	34.3	9.7	76.8	8.9	3.90	955	21.68	4.47	0.61
OA 204	1.13	83.0	34.3	9.8	76.6	8.5	3.70	1284	21.30	3.95	0.43
PHY 43	1.12	83.2	33.7	9.4	74.3	8.9	4.25	1433	20.79	3.78	0.48
PAYMASTER HS 26	1.05	81.9	29.3	10.0	77.9	7.8	3.93	1398	20.10	3.82	0.72
ACALA 1517-88	1.14	81.2	31.7	9.3	76.6	8.6	3.68	1140	20.71	4.00	0.59

VARIETY	Arealometer Data						
	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
CX 294	.	.	.	.	.	.	.
GC 9209	.	.	.	.	.	.	.
CBX 194	.	.	.	.	.	.	.
ACALA MAXXA	.	.	.	.	.	.	.
C 144	.	.	.	.	.	.	.
DELTAPINE 50	471	38.0	1.91	77	50.99	4.19	2.52
C 142	.	.	.	.	.	.	.

OA 236	.	.	.	.	.	.	.
GC 9203	.	.	.	.	.	.	.
PHY 33	.	.	.	.	.	.	.
C 141	.	.	.	.	.	.	.
GC 9204	.	.	.	.	.	.	.
OA 201	.	.	.	.	.	.	.
DELTAPINE 90	460	31.3	1.79	82	48.76	4.10	2.62
C 143	.	.	.	.	.	.	.
OA 204	.	.	.	.	.	.	.
PHY 43	.	.	.	.	.	.	.
PAYMASTER HS 26	481	40.4	1.95	75	51.09	4.11	2.45
ACALA 1517-88	503	33.6	1.83	80	45.75	3.55	2.41

BOLL SIZE, GRAM PER BOLL

PHY 33	6.95	A
ACALA MAXXA	6.68	A
C 144	6.44	B A
PHY 43	6.43	B A
GC 9203	6.41	B A
C 141	6.39	B A C
OA 201	6.38	B A C
GC 9204	6.37	B A C
CBX 194	6.20	B A C
OA 204	6.14	B A C
OA 236	6.13	B A C
CX 294	6.11	B A C
C 143	6.00	B A C
C 142	5.99	B A C
GC 9209	5.82	B A C
PAYMASTER HS 26	5.63	B A C
ACALA 1517-88	5.61	B A C
DELTAPINE 50	5.23	B C
DELTAPINE 90	5.02	C

YARN TENACITY

C 144	168	A
GC 9204	166	A
OA 204	164	B A
GC 9203	164	B A
C 142	161	B A C
GC 9209	161	B A C
C 143	156	B D C
C 141	155	B D C
PHY 43	154	D C
OA 236	150	E D
PHY 33	150	E D
CBX 194	148	E D
CX 294	147	E D
ACALA MAXXA	147	E D
OA 201	146	E D
ACALA 1517-88	142	E
PAYMASTER HS 26	131	F
DELTAPINE 90	128	F
DELTAPINE 50	112	G

LINT PERCENT

OA 236	46.6	A
C 143	46.5	A
C 142	45.2	B A
C 144	43.6	B A C
GC 9209	42.5	B D C
ACALA MAXXA	42.1	EB D C
OA 201	41.5	EF D C
CX 294	41.5	EF D C
C 141	41.3	EF D C
CBX 194	40.8	EF D C
ACALA 1517-88	40.8	EF D C
OA 204	40.4	EFGD C
GC 9203	40.4	EFGD C
DELTAPINE 90	39.1	EFGD
PHY 33	38.7	EFG
GC 9204	38.5	EFG
PHY 43	38.5	FG
DELTAPINE 50	38.4	FG
PAYMASTER HS 26	37.0	G

FIBROGRAPH--2.5% S. L.		
C 144	1.20	A
GC 9203	1.17	B A
GC 9204	1.17	B A
C 143	1.17	B A
GC 9209	1.17	B A
C 142	1.16	B A C
CX 294	1.16	B A C
PHY 33	1.15	B C
C 141	1.15	B C
OA 201	1.15	B D C
ACALA 1517-88	1.14	B D C
OA 204	1.14	B D C
PHY 43	1.14	B D C
ACALA MAXXA	1.13	B D C
OA 236	1.13	B D C
CBX 194	1.12	E D C
DELTAPINE 50	1.11	E D F
PAYMASTER HS 26	1.09	E F
DELTAPINE 90	1.08	F

SEED INDEX		
PHY 43	13.4	A
CBX 194	12.8	B A
GC 9204	12.7	B A
PHY 33	12.6	B A C
OA 204	12.5	B A C
C 144	12.5	B A C
OA 201	12.3	DB A C
C 143	12.2	DB A C
GC 9203	12.1	DB A C
C 142	12.0	DB C
C 141	11.8	DB C
ACALA MAXXA	11.8	DB C
CX 294	11.6	DB C
OA 236	11.5	DB C
GC 9209	11.3	D E C
PAYMASTER HS 26	11.0	DF E
DELTAPINE 50	10.3	F E
ACALA 1517-88	10.2	F E
DELTAPINE 90	9.8	F

FIBROGRAPH--50% S. L.		
GC 9204	0.59	A
GC 9203	0.58	A
PHY 33	0.58	A
C 144	0.58	A
C 142	0.57	A
C 143	0.57	A
CX 294	0.57	A
GC 9209	0.57	A
OA 204	0.57	B A
C 141	0.57	B A C
PHY 43	0.56	B A C
ACALA 1517-88	0.54	B D C
ACALA MAXXA	0.54	B D C
CBX 194	0.54	B D C
OA 236	0.54	B D C
OA 201	0.54	D C
PAYMASTER HS 26	0.53	E D
DELTAPINE 90	0.51	E
DELTAPINE 50	0.51	E

STELOMETER - T1		
OA 204	261	A
GC 9203	260	B A
C 142	258	B A C
GC 9204	252	DB A C
C 144	250	DBEA C
C 143	245	DBEF C
GC 9209	244	DGEF C
CX 294	242	DGEF H
CBX 194	235	IGEF H
PHY 43	235	IGEF H
C 141	232	IG F H
OA 236	231	IG F H
PHY 33	230	IG H

2.5% S.L. (INCHES)		
C 144	1.20	A
GC 9204	1.16	B
C 143	1.16	B
C 142	1.15	C B
GC 9203	1.14	C B D
PHY 33	1.14	EC B D
ACALA 1517-88	1.14	ECFB D
GC 9209	1.14	ECFB D
ACALA MAXXA	1.13	ECFB D
OA 204	1.13	ECFB D
CX 294	1.13	ECFB D
OA 236	1.13	ECFB D
C 141	1.12	ECFB D

STELOMETER - E1		
PAYMASTER HS 26	8.8	A
C 141	8.4	A
DELTAPINE 50	8.1	A
ACALA MAXXA	7.2	B
OA 204	7.1	B
DELTAPINE 90	7.0	B
C 143	7.0	B
GC 9204	6.9	B
C 142	6.9	B
OA 236	6.9	B
GC 9203	6.8	C B
OA 201	6.8	C B
C 144	6.8	C B

OA 201	228	I	H	PHY 43	1.12	ECFG	D	PHY 33	6.7	C	B
ACALA MAXXA	225	I		OA 201	1.11	E FG	D	ACALA 1517-88	6.6	C	B
ACALA 1517-88	224	I	J	DELTAPINE 50	1.10	E FG		GC 9209	6.6	C	B
PAYMASTER HS 26	211	K	J	CBX 194	1.10	FG		PHY 43	6.4	C	B
DELTAPINE 90	208	K		DELTAPINE 90	1.08	H	G	CBX 194	6.3	C	B
DELTAPINE 50	173		L	PAYMASTER HS 26	1.05	H		CX 294	5.9	C	

UR (PERCENT)

GC 9204	83.5		A	
C 144	83.5		A	
PHY 33	83.3	B	A	
C 142	83.3	B	A	
GC 9203	83.2	B	A	
C 143	83.2	B	A	
PHY 43	83.2	B	A	
OA 204	83.0	B	A	C
C 141	82.7	DB	A	C
GC 9209	82.5	DB	E	C
OA 236	82.5	DB	E	C
CX 294	82.4	DB	E	C
ACALA MAXXA	82.3	D	E	C
CBX 194	82.2	D	E	C
OA 201	81.9	DF	E	
PAYMASTER HS 26	81.9	DF	E	
DELTAPINE 90	81.7	F	E	
ACALA 1517-88	81.2	F		
DELTAPINE 50	81.1	F		

MICRONAIRE

CX 294	4.55		A	
PHY 33	4.43	B	A	
PHY 43	4.40	B	A	
DELTAPINE 90	4.28	B	A	C
C 142	4.10	DB	A	C
GC 9203	4.08	DB	A	C
CBX 194	4.08	DB	A	C
PAYMASTER HS 26	4.05	DB		C
DELTAPINE 50	4.05	DB		C
GC 9209	4.05	DB		C
C 141	4.03	DB		C
C 143	4.00	DB		C
OA 236	4.00	DB		C
ACALA MAXXA	3.98	DB		C
C 144	3.95	DB		C
OA 201	3.90	D		C
OA 204	3.85	D		C
ACALA 1517-88	3.83	D		C
GC 9204	3.75	D		

STRENGTH (G/TEX)

GC 9203	36.7			A	
C 144	35.4		B	A	
C 142	35.2		B	C	
OA 204	34.3		B	C	D
C 143	34.3		B	C	D
GC 9204	33.8	E	B	C	D
GC 9209	33.8	E		C	D
PHY 43	33.7	E		C	D
C 141	33.4	E			D
CX 294	33.2	E		F	D
PHY 33	33.1	E		F	D
CBX 194	33.1	E		F	D
OA 236	32.6	E	GF		
ACALA MAXXA	32.4	E	GF		
ACALA 1517-88	31.7		GF		
OA 201	31.5		G		
DELTAPINE 90	29.9			H	
PAYMASTER HS 26	29.3			H	
DELTAPINE 50	26.2			I	

E

PAYMASTER HS 26	10.0		A	
C 141	9.9	B	A	

MICRONAIRE (SL-HVI)

CX 294	4.38		A
PHY 33	4.30		A

COLORIMETER - Rd

PAYMASTER HS 26	77.9			A
ACALA MAXXA	77.7	B	A	

C 142	9.9	B A
DELTAPINE 50	9.8	B A C
GC 9203	9.8	B A C
OA 204	9.8	B A C
GC 9204	9.7	DB A C
PHY 33	9.7	DB A C
C 143	9.7	DB A C
CX 294	9.7	DB A C
C 144	9.6	DB A C
DELTAPINE 90	9.6	DBEA C
OA 236	9.5	DBE C
PHY 43	9.4	D E C
OA 201	9.4	D E C
GC 9209	9.4	D E C
ACALA 1517-88	9.3	D E
CBX 194	9.3	D E
ACALA MAXXA	9.2	E

PHY 43	4.25	B A
DELTAPINE 90	4.13	B A C
CBX 194	4.08	B A C
GC 9203	3.98	B A C
C 142	3.98	B A C
GC 9209	3.98	B A C
PAYMASTER HS 26	3.93	B A C
DELTAPINE 50	3.93	B A C
C 143	3.90	B A C
C 141	3.88	B A C
C 144	3.83	B A C
OA 236	3.83	B A C
ACALA MAXXA	3.80	B A C
OA 204	3.70	B C
ACALA 1517-88	3.68	B C
OA 201	3.68	B C
GC 9204	3.65	C

DELTAPINE 90	77.4	B A C
DELTAPINE 50	77.1	DB A C
GC 9209	77.0	DB A C
OA 236	76.9	DB A C
C 143	76.8	DB A C
C 141	76.7	DB A C
CBX 194	76.7	DB A C
ACALA 1517-88	76.6	DB A C
OA 204	76.6	DB A C
C 144	76.6	DB A C
GC 9203	76.5	DB A C
OA 201	76.4	DB A C
CX 294	76.3	DB A C
C 142	75.8	DB E C
GC 9204	75.7	D E C
PHY 33	75.4	D E
PHY 43	74.3	E

OIL (PERCENT)

C 143	21.68	A
GC 9203	21.67	A
CX 294	21.67	A
GC 9204	21.53	A
C 142	21.40	B A
GC 9209	21.33	B A
OA 204	21.30	B A C
C 144	21.28	B A C
PHY 33	20.96	B A C
PHY 43	20.79	B A C
ACALA 1517-88	20.71	B A C
OA 236	20.65	B A C
OA 201	20.64	B A C
ACALA MAXXA	20.58	B A C
C 141	20.34	B A C
CBX 194	20.22	B A C
PAYMASTER HS 26	20.10	B A C
DELTAPINE 90	19.90	B C
DELTAPINE 50	19.69	C

FREE GOSSYPOL (PERCENT)

DELTAPINE 50	0.83	A
DELTAPINE 90	0.74	B A
PAYMASTER HS 26	0.72	B A C
OA 201	0.61	B D C
C 143	0.61	B D C
OA 236	0.61	B D C
GC 9209	0.60	D C
ACALA 1517-88	0.59	D C
ACALA MAXXA	0.59	D C
GC 9203	0.56	E D
C 144	0.55	E D F
C 142	0.54	E D F
PHY 33	0.49	E D F
C 141	0.48	E D F
PHY 43	0.48	E D F
CX 294	0.45	E F
CBX 194	0.44	E F
OA 204	0.43	E F
GC 9204	0.42	F

COLORIMETER - b

C 142	8.9	A
C 143	8.9	A
PHY 43	8.9	A
PHY 33	8.8	B A
C 144	8.8	B A
CBX 194	8.6	B A C
GC 9209	8.6	B A C
ACALA 1517-88	8.6	DB A C
C 141	8.6	DB A C
CX 294	8.5	DB A C
OA 201	8.5	DB A C
OA 204	8.5	DB A C
OA 236	8.4	DB A C
ACALA MAXXA	8.4	DB C
DELTAPINE 90	8.3	D C
GC 9204	8.3	D C
GC 9203	8.1	D E
PAYMASTER HS 26	7.8	F E
DELTAPINE 50	7.7	F

NITROGEN (PERCENT)		
C 142	4.55	A
C 143	4.47	A
C 144	4.42	A
ACALA MAXXA	4.19	B
OA 236	4.18	B
GC 9209	4.17	B
OA 201	4.15	B
GC 9203	4.09	C B
C 141	4.06	C B D
CBX 194	4.04	C B D
CX 294	4.04	C B D
ACALA 1517-88	4.00	EC B D
OA 204	3.95	EC F D
GC 9204	3.94	EC F D
DELTAPINE 90	3.89	EG F D
PHY 33	3.88	EG F D
PAYMASTER HS 26	3.82	EG F
PHY 43	3.78	G F
DELTAPINE 50	3.75	G

SEED YIELD (LB/ACRE)		
DELTAPINE 50	1500	A
GC 9204	1478	A
PHY 43	1433	B A
PAYMASTER HS 26	1397	B A
CBX 194	1396	B A
C 141	1373	B A
GC 9203	1367	B A
DELTAPINE 90	1365	B A
CX 294	1355	B A
ACALA MAXXA	1335	B A C
OA 201	1325	B A C
GC 9209	1317	B A C
PHY 33	1309	B A C
OA 204	1283	B A C
C 144	1193	B A C
ACALA 1517-88	1140	B A C
C 142	1138	B A C
OA 236	1044	B C
C 143	955	C

AREALOMETER - A (mm2/mm3)		
ACALA 1517-88	503	A
PAYMASTER HS 26	481	A
DELTAPINE 50	471	A
DELTAPINE 90	460	A

AREALOMETER - M (PERCENT)		
DELTAPINE 90	82	A
ACALA 1517-88	80	A
DELTAPINE 50	77	A
PAYMASTER HS 26	75	A

AREALOMETER - D (mm2/mm3)		
PAYMASTER HS 26	40.4	A
DELTAPINE 50	38.0	A
ACALA 1517-88	33.6	A
DELTAPINE 90	31.3	A

AREALOMETER - p (Microns)		
PAYMASTER HS 26	51.09	A
DELTAPINE 50	50.99	A
DELTAPINE 90	48.76	A
ACALA 1517-88	45.75	B

AREALOMETER - t (MICRONS)		
DELTAPINE 90	2.62	A
DELTAPINE 50	2.52	A
PAYMASTER HS 26	2.45	A
ACALA 1517-88	2.41	A

AREALOMETER - I		
PAYMASTER HS 26	2.0	A
DELTAPINE 50	1.9	A
ACALA 1517-88	1.8	A
DELTAPINE 90	1.8	A

AREALOMETER -w (MG/INCH)		
DELTAPINE 50	4.19	A
PAYMASTER HS 26	4.11	A
DELTAPINE 90	4.10	A
ACALA 1517-88	3.55	A

LOCATIONS COMBINING VARIETIES

LOCATION	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
W SIDE FIELD STATION, CA	1172	A	6.48	42.8	11.9	153	1.17	0.57	237	7.0	4.34
SHAFTER, CA	667	B	5.73	39.7	11.7	147	1.12	0.54	230	7.0	3.80

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

LOCATION	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
W SIDE FIELD STATION, CA	1.16	83.2	33.4	9.7	76.3	8.7	4.20	1615	21.30	3.99	0.68
SHAFTER, CA	1.10	81.9	32.2	9.5	76.7	8.2	3.67	987	20.43	4.15	0.46

Arealometer Data

LOCATION	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
W SIDE FIELD STATION, CA	474	35.9	1.87	79	49.63	4.06	2.5
SHAFTER, CA	484	35.8	1.87	79	48.67	3.92	2.5

SHAFTER, CA

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
PHY 33	807	A	6.93	37.4	12.3	145	1.13	0.56	234	6.8	4.20
CX 294	799	A	5.78	40.2	12.1	143	1.14	0.56	239	6.0	4.40
DELTAPINE 50	754	B A	4.85	38.3	9.6	105	1.09	0.51	169	7.6	4.20
C 143	679	B C	5.69	44.7	11.9	155	1.15	0.55	241	7.0	3.65
GC 9203	675	B C	5.97	39.2	12.1	162	1.15	0.55	259	7.0	3.70
C 141	668	B C	5.71	39.8	11.7	155	1.15	0.56	229	7.9	3.70
GC 9209	667	B C	5.93	41.6	11.5	157	1.15	0.56	237	6.6	3.80

C 144	664	B C	5.86	41.4	12.0	168	1.19	0.57	249	6.9	3.70
CBX 194	661	C	5.41	38.5	13.0	144	1.09	0.53	220	6.5	3.70
PHY 43	660	C	6.70	37.3	12.8	154	1.11	0.55	232	6.5	4.10
ACALA MAXXA	646	C	6.70	38.9	12.0	145	1.11	0.53	226	7.0	3.65
GC 9204	646	C	5.70	38.2	12.1	161	1.15	0.56	251	7.0	3.30
C 142	644	C	5.55	44.6	11.5	163	1.14	0.55	251	7.0	3.75
DELTAPINE 90	642	C	5.00	37.4	10.2	121	1.03	0.50	205	6.6	4.25
OA 201	631	C	6.67	40.3	12.7	142	1.10	0.52	224	6.8	3.60
PAYMASTER HS 26	624	C	4.52	35.4	10.6	126	1.06	0.50	212	8.3	3.85
OA 236	622	C	5.68	42.0	11.3	147	1.11	0.54	221	7.1	3.75
ACALA 1517-88	602	C	5.04	39.3	10.5	135	1.11	0.54	227	6.9	3.50
OA 204	590	C	5.19	39.8	12.0	158	1.10	0.54	256	7.3	3.40

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
PHY 33	1.12	82.6	32.8	9.7	75.4	8.6	4.05	1317	20.34	3.94	0.40
CX 294	1.11	81.9	33.0	9.6	77.4	8.4	4.25	1113	21.14	4.14	0.35
DELTAPINE 50	1.06	80.7	25.2	9.8	76.6	7.6	4.15	1219	20.05	3.81	0.66
C 143	1.14	82.3	34.1	9.7	77.5	8.6	3.55	797	21.87	4.47	0.56
GC 9203	1.12	82.7	36.8	9.7	77.4	7.6	3.60	1066	20.97	4.30	0.44
C 141	1.10	81.8	33.0	9.9	77.1	8.4	3.55	941	19.37	4.21	0.36
GC 9209	1.12	81.8	33.2	9.1	76.9	8.3	3.70	943	21.04	4.28	0.48
C 144	1.19	82.9	34.9	9.7	77.4	8.4	3.45	866	21.37	4.41	0.50
CBX 194	1.07	81.3	31.8	9.1	77.1	8.5	3.80	1118	19.64	4.14	0.34
PHY 43	1.08	82.5	33.2	9.3	73.8	8.7	3.95	1045	20.26	3.89	0.38
ACALA MAXXA	1.11	82.4	31.6	9.0	78.0	8.1	3.45	1038	20.49	4.26	0.46
GC 9204	1.14	83.1	33.9	9.6	75.3	7.9	3.25	990	20.41	4.06	0.30
C 142	1.13	82.3	34.3	9.8	76.1	8.6	3.60	771	21.40	4.52	0.48
DELTAPINE 90	1.02	81.0	28.5	9.4	77.5	8.3	4.20	1001	19.64	4.03	0.56
OA 201	1.06	81.0	30.7	9.0	77.0	8.3	3.40	888	20.09	4.22	0.54
PAYMASTER HS 26	1.03	81.1	29.1	10.0	76.9	7.7	3.70	1054	19.80	3.88	0.52
OA 236	1.11	81.5	31.9	9.2	77.3	8.1	3.55	831	20.28	4.26	0.53
ACALA 1517-88	1.11	80.5	30.0	9.0	76.6	8.6	3.40	880	20.35	4.07	0.48
OA 204	1.10	82.6	33.9	9.8	77.1	8.3	3.20	867	19.72	4.01	0.31

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
PHY 33	.	.	.	.	.	.	.
CX 294	.	.	.	.	.	.	.
DELTAPINE 50	450	33.5	1.83	81	51.00	4.37	2.7
C 143	.	.	.	.	.	.	.
GC 9203	.	.	.	.	.	.	.
C 141	.	.	.	.	.	.	.
GC 9209	.	.	.	.	.	.	.
C 144	.	.	.	.	.	.	.
CBX 194	.	.	.	.	.	.	.
PHY 43	.	.	.	.	.	.	.
ACALA MAXXA	.	.	.	.	.	.	.
GC 9204	.	.	.	.	.	.	.
C 142	.	.	.	.	.	.	.
DELTAPINE 90	453	29.8	1.76	83	48.75	4.16	2.7
OA 201	.	.	.	.	.	.	.
PAYMASTER HS 26	499	42.0	1.98	74	50.00	3.87	2.4
OA 236	.	.	.	.	.	.	.
ACALA 1517-88	534	37.8	1.91	77	44.92	3.26	2.2
OA 204	.	.	.	.	.	.	.

W SIDE FIELD STATION, CA

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
GC 9209	1296	A	5.72	43.4	11.1	164	1.19	0.59	252	6.5	4.30
ACALA MAXXA	1283	B A	6.66	45.3	11.6	149	1.15	0.55	225	7.4	4.30
CBX 194	1281	B A	7.00	43.2	12.5	153	1.15	0.56	251	6.0	4.45
C 144	1262	B A	7.03	45.7	12.9	168	1.20	0.59	250	6.6	4.20

OA 236	1262	B A	6.58	51.3	11.7	153	1.15	0.55	241	6.6	4.25
C 142	1243	B A	6.44	45.8	12.5	159	1.17	0.60	266	6.8	4.45
OA 204	1200	B A	7.10	41.1	12.9	170	1.19	0.60	265	7.0	4.30
CX 294	1198	B A	6.44	42.9	11.0	152	1.18	0.59	245	5.8	4.70
GC 9203	1193	B A	6.85	41.6	12.0	166	1.19	0.60	261	6.5	4.45
OA 201	1189	B A	6.09	42.8	11.9	150	1.19	0.57	233	6.8	4.20
GC 9204	1175	B A	7.04	38.9	13.2	170	1.19	0.61	252	6.8	4.20
DELTAPINE 90	1168	B A	5.05	40.8	9.4	135	1.12	0.53	211	7.4	4.30
C 141	1165	B A	7.08	42.8	12.0	155	1.15	0.57	236	9.0	4.35
DELTAPINE 50	1147	B A	5.61	38.5	10.9	120	1.13	0.52	177	8.6	3.90
C 143	1122	B A	6.31	48.3	12.4	156	1.19	0.60	250	7.0	4.35
PAYMASTER HS 26	1037	B A	6.74	38.6	11.4	136	1.12	0.55	210	9.3	4.25
PHY 33	1035	B A	6.98	40.1	12.9	154	1.17	0.59	226	6.6	4.65
PHY 43	1024	B A	6.16	39.7	13.9	153	1.16	0.58	239	6.4	4.70
ACALA 1517-88	990	B	6.18	42.3	9.9	150	1.17	0.55	221	6.4	4.15

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
GC 9209	1.16	83.3	34.4	9.7	77.1	9.0	4.25	1691	21.62	4.07	0.72
ACALA MAXXA	1.15	82.2	33.1	9.3	77.3	8.7	4.15	1634	20.68	4.12	0.72
CBX 194	1.13	83.1	34.4	9.5	76.3	8.8	4.35	1676	20.81	3.94	0.55
C 144	1.22	84.1	35.9	9.6	75.7	9.2	4.20	1521	21.19	4.43	0.61
OA 236	1.15	83.4	33.3	9.8	76.6	8.8	4.10	1258	21.03	4.11	0.69
C 142	1.18	84.3	36.2	9.9	75.6	9.2	4.35	1506	21.40	4.58	0.60
OA 204	1.15	83.5	34.8	9.7	76.1	8.6	4.20	1700	22.89	3.89	0.54
CX 294	1.15	83.0	33.5	9.8	75.1	8.7	4.50	1598	22.20	3.94	0.55
GC 9203	1.17	83.7	36.7	9.9	75.6	8.6	4.35	1668	22.37	3.88	0.68
OA 201	1.16	82.9	32.3	9.8	75.9	8.7	3.95	1762	21.20	4.07	0.68
GC 9204	1.18	83.9	33.8	9.9	76.2	8.7	4.05	1968	22.65	3.83	0.54
DELTAPINE 90	1.15	82.5	31.3	9.8	77.4	8.4	4.05	1729	20.16	3.74	0.92
C 141	1.15	83.5	33.7	9.9	76.3	8.8	4.20	1806	21.32	3.91	0.60
DELTAPINE 50	1.14	81.5	27.2	9.9	77.6	7.7	3.70	1782	19.33	3.68	1.00
C 143	1.19	84.1	34.5	9.7	76.2	9.2	4.25	1114	21.50	4.47	0.66
PAYMASTER HS 26	1.08	82.7	29.6	10.0	78.9	8.0	4.15	1741	20.40	3.76	0.92
PHY 33	1.17	84.0	33.4	9.7	75.4	9.0	4.55	1302	21.59	3.83	0.58
PHY 43	1.16	83.9	34.3	9.6	74.9	9.1	4.55	1822	21.33	3.68	0.59
ACALA 1517-88	1.17	82.0	33.4	9.6	76.5	8.6	3.95	1400	21.07	3.93	0.70

VARIETY	Arealometer Data A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
GC 9209	.	.	.	.	.	.	.
ACALA MAXXA	.	.	.	.	.	.	.
CBX 194	.	.	.	.	.	.	.
C 144	.	.	.	.	.	.	.
OA 236	.	.	.	.	.	.	.
C 142	.	.	.	.	.	.	.
OA 204	.	.	.	.	.	.	.
CX 294	.	.	.	.	.	.	.
GC 9203	.	.	.	.	.	.	.
OA 201	.	.	.	.	.	.	.
GC 9204	.	.	.	.	.	.	.
DELTAPINE 90	468	32.8	1.82	81	48.78	4.03	2.6
C 141	.	.	.	.	.	.	.
DELTAPINE 50	491	42.5	1.99	74	50.99	4.01	2.4
C 143	.	.	.	.	.	.	.
PAYMASTER HS 26	464	38.8	1.93	77	52.19	4.35	2.6
PHY 33	.	.	.	.	.	.	.
PHY 43	.	.	.	.	.	.	.
ACALA 1517-88	472	29.5	1.75	83	46.57	3.84	2.6

1995 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

1995 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CBX 466	849	A	4.52	38.7	9.4	139	1.13	0.56	220	7.2	4.64
DELTAPINE 50	835	A	5.12	36.1	10.1	122	1.11	0.54	187	8.0	5.01
DELTAPINE 90	834	A	4.72	38.4	9.2	139	1.10	0.55	212	7.0	4.83
CBX 477	834	A	4.56	38.2	9.4	136	1.10	0.55	205	6.7	4.63
DO6-70-07	833	A	4.66	37.8	10.2	145	1.15	0.59	220	7.4	4.77
HX 06498	829	A	4.55	39.3	9.8	128	1.10	0.56	205	7.5	4.77
HX 3368-69	817	B A	4.63	36.6	9.5	141	1.11	0.56	221	6.7	4.97
SS 9401	815	B A	4.65	37.8	9.5	132	1.14	0.55	210	6.8	4.75
MD 51ne	804	B A	4.56	38.3	9.3	147	1.13	0.57	235	7.4	4.73
DPL 0227	795	B A	4.32	37.9	9.9	141	1.12	0.57	225	7.8	4.61
GC 95-MS-1	772	B A	4.42	38.0	9.8	140	1.14	0.57	219	6.5	4.33
SS 9509	765	B A	4.92	37.5	9.9	134	1.13	0.57	213	7.3	4.73
GA 89-227	763	B A	4.74	36.4	9.8	146	1.16	0.57	235	6.8	4.25
SS 9506	762	B A	4.60	37.4	9.7	140	1.12	0.56	223	6.7	4.75
GA 89-41	746	B A	5.15	37.5	10.6	147	1.12	0.56	228	6.4	4.69
HX 03392	725	B A	4.86	37.5	9.6	130	1.13	0.56	204	7.5	4.82
87 G3 - 27	689	B A	5.59	38.1	10.3	130	1.17	0.57	220	7.6	4.38
ACALA 1517-88	657	B C	4.53	37.2	10.4	162	1.16	0.58	238	6.2	4.44
87 D3 - 24	525	D C	4.81	35.0	11.6	150	1.16	0.58	241	8.9	4.60
CA 3084	454	D	4.89	34.1	11.8	147	1.17	0.58	255	6.8	3.52

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CBX 466	1.11	83.5	31.6	9.8	72.5	8.0	4.59	1260	20.78	3.44	0.90
DELTAPINE 50	1.09	83.3	26.4	10.0	73.7	7.7	4.99	1468	21.11	3.30	0.97

DELTAPINE 90	1.08	82.9	32.0	9.8	73.0	8.0	4.87	1294	21.33	3.52	0.93
CBX 477	1.09	82.8	30.0	9.5	71.8	7.9	4.66	1265	21.20	3.52	0.73
DO6-70-07	1.13	84.5	32.3	10.2	72.2	8.1	4.83	1348	20.48	3.35	0.93
HX 06498	1.09	83.5	27.6	9.9	73.6	7.7	4.82	1246	20.35	3.49	0.71
HX 3368-69	1.10	83.8	32.0	9.9	72.7	8.0	4.96	1438	21.28	3.46	0.88
SS 9401	1.13	83.1	29.1	9.6	73.7	7.9	4.76	1314	20.86	3.41	0.76
MD 51ne	1.13	83.7	34.1	10.2	72.7	8.4	4.77	1247	20.70	3.46	0.91
DPL 0227	1.09	83.7	32.2	10.1	72.1	8.1	4.60	1234	20.96	3.37	0.90
GC 95-MS-1	1.13	83.6	31.0	9.7	70.7	8.1	4.29	1239	19.93	3.54	0.95
SS 9509	1.13	83.9	30.6	9.9	71.3	7.7	4.75	1247	21.34	3.45	0.73
GA 89-227	1.17	83.9	32.2	9.6	71.7	8.2	4.23	1283	21.16	3.42	0.82
SS 9506	1.11	83.3	32.6	9.9	72.4	7.9	4.83	1179	21.36	3.52	0.88
GA 89-41	1.11	83.3	32.7	9.6	71.0	8.0	4.72	1215	20.64	3.54	0.65
HX 03392	1.12	82.9	29.2	9.9	74.2	7.8	4.86	1139	20.18	3.34	0.82
87 G3 - 27	1.17	82.8	29.0	9.6	71.5	8.2	4.32	1169	21.65	3.82	0.82
ACALA 1517-88	1.17	83.8	33.5	9.7	71.7	8.1	4.37	1112	21.16	3.67	0.62
87 D3 - 24	1.18	83.8	34.5	10.6	70.8	8.6	4.59	920	20.15	3.80	0.59
CA 3084	1.17	83.8	36.7	9.9	70.6	8.2	4.22	886	18.66	3.66	0.60

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
CBX 466	434	24.7	1.64	88	47.29	4.23	2.90
DELTAPINE 50	410	24.5	1.64	88	50.14	4.73	3.04
DELTAPINE 90	415	21.3	1.56	90	47.04	4.41	3.10
CBX 477	425	25.9	1.67	86	49.25	4.49	2.92
DO6-70-07	419	22.7	1.60	89	47.95	4.45	3.01
HX 06498	420	23.5	1.62	88	48.31	4.46	2.98
HX 3368-69	410	22.7	1.60	89	48.90	4.62	3.08
SS 9401	427	24.5	1.64	88	48.22	4.39	2.92
MD 51ne	426	23.8	1.62	88	47.79	4.35	2.95
DPL 0227	439	29.0	1.73	84	49.50	4.37	2.79
GC 95-MS-1	446	24.7	1.64	87	46.15	4.01	2.81
SS 9509	423	26.2	1.68	86	49.72	4.56	2.92
GA 89-227	472	34.3	1.83	80	48.63	3.99	2.57
SS 9506	417	22.8	1.60	89	48.12	4.46	3.01
GA 89-41	426	27.2	1.67	86	48.95	4.45	2.95
HX 03392	415	20.2	1.54	91	46.63	4.36	3.09
87 G3 - 27	455	25.5	1.66	87	45.79	3.91	2.73

ACALA 1517-88	448	23.2	1.61	89	45.13	3.90	2.80
87 D3 - 24	434	27.3	1.70	85	49.05	4.38	2.85
CA 3084	458	19.9	1.54	91	42.57	3.67	2.81

BOLL SIZE, GRAM PER BOLL

87 G3 - 27	5.59	A
GA 89-41	5.15	B
DELTAPINE 50	5.12	C B
SS 9509	4.92	C B D
CA 3084	4.89	EC B D
HX 03392	4.86	ECFB D
87 D3 - 24	4.81	ECF D
GA 89-227	4.74	E FG D
DELTAPINE 90	4.72	E FG D
DO6-70-07	4.66	EHFG D
SS 9401	4.65	EHFG D
HX 3368-69	4.63	EHFG D
SS 9506	4.60	EHFG D
MD 51ne	4.56	EHFG
CBX 477	4.56	EHFG
HX 06498	4.55	EHFG
ACALA 1517-88	4.53	HFG
CBX 466	4.52	HFG
GC 95-MS-1	4.42	H G
DPL 0227	4.32	H

YARN TENACITY

ACALA 1517-88	162	A
87 D3 - 24	150	B A
GA 89-41	147	B A C
MD 51ne	147	DB A C
CA 3084	147	DB A C
GA 89-227	146	DB A C
DO6-70-07	145	DB E C
DPL 0227	141	DB E C
HX 3368-69	141	DB E C
GC 95-MS-1	140	DB E C
SS 9506	140	DB E C
DELTAPINE 90	139	DB E C
CBX 466	139	DB E C
CBX 477	136	DBFE C
SS 9509	134	DBFE C
SS 9401	132	D FE C
HX 03392	130	D FE C
87 G3 - 27	130	D FE
HX 06498	128	FE
DELTAPINE 50	122	F

LINT PERCENT

HX 06498	39.3	A
CBX 466	38.7	B A
DELTAPINE 90	38.4	B A C
MD 51ne	38.3	DB A C
CBX 477	38.2	DBEA C
87 G3 - 27	38.1	DBEA C
GC 95-MS-1	38.0	DBEA C
DPL 0227	37.9	DBEA C
DO6-70-07	37.8	DBEA C
SS 9401	37.8	DBEA C
GA 89-41	37.5	DBEA C
HX 03392	37.5	DBEA C
SS 9509	37.5	DBEA C
SS 9506	37.4	DBEA C
ACALA 1517-88	37.2	DBE C
HX 3368-69	36.6	D EF C
GA 89-227	36.4	D EF
DELTAPINE 50	36.1	EF
87 D3 - 24	35.0	G F
CA 3084	34.1	G

FIBROGRAPH--2.5% S. L.

CA 3084	1.17	A
87 G3 - 27	1.17	A
GA 89-227	1.16	B A
87 D3 - 24	1.16	B A

SEED INDEX

CA 3084	11.8	A
87 D3 - 24	11.6	A
GA 89-41	10.6	B
ACALA 1517-88	10.4	C B

FIBROGRAPH--50% S. L.

DO6-70-07	0.59	A
ACALA 1517-88	0.58	B A
CA 3084	0.58	B A
87 D3 - 24	0.58	B A C

ACALA 1517-88	1.16	B A C
DO6-70-07	1.15	DB A C
GC 95-MS-1	1.14	DB E C
SS 9401	1.14	DB E C
MD 51ne	1.13	DF E C
CBX 466	1.13	DF E G
HX 03392	1.13	DFHE G
SS 9509	1.13	DFHE G
SS 9506	1.12	DFHE G
DPL 0227	1.12	FHE G
GA 89-41	1.12	FHE G
DELTAPINE 50	1.11	FHE G
HX 3368-69	1.11	FH G
DELTAPINE 90	1.10	H G
CBX 477	1.10	H
HX 06498	1.10	H

87 G3 - 27	10.3	C B D
DO6-70-07	10.2	EC B D
DELTAPINE 50	10.1	ECFB D
DPL 0227	9.9	ECFBGD
SS 9509	9.9	ECFBGD
GC 95-MS-1	9.8	ECFBGD
HX 06498	9.8	ECF GD
GA 89-227	9.8	ECF GD
SS 9506	9.7	ECF GD
HX 03392	9.6	E F GD
SS 9401	9.5	E F G
HX 3368-69	9.5	E F G
CBX 466	9.4	F G
CBX 477	9.4	F G
MD 51ne	9.3	F G
DELTAPINE 90	9.2	G

MD 51ne	0.57	DB A C
GA 89-227	0.57	DB A C
SS 9509	0.57	DB A C
DPL 0227	0.57	DB E C
87 G3 - 27	0.57	DB E C
GC 95-MS-1	0.57	D E C
CBX 466	0.56	D E C
GA 89-41	0.56	D E C
HX 3368-69	0.56	D E C
HX 03392	0.56	DF E
HX 06498	0.56	DF E
SS 9506	0.56	D E
DELTAPINE 90	0.55	F E
CBX 477	0.55	F E
SS 9401	0.55	F E
DELTAPINE 50	0.54	F

STELOMETER - T1

CA 3084	255	A
87 D3 - 24	241	B
ACALA 1517-88	238	C B
MD 51ne	235	C B D
GA 89-227	235	C B D
GA 89-41	228	EC B D
DPL 0227	225	EC F D
SS 9506	223	E F D
HX 3368-69	221	E F D
CBX 466	220	EG F D
87 G3 - 27	220	EG F D
DO6-70-07	220	EGHF D
GC 95-MS-1	219	EGHF I
SS 9509	213	EGHF I
DELTAPINE 90	212	GHF I
SS 9401	210	GHF I
CBX 477	205	GH I
HX 06498	205	H I
HX 03392	204	I
DELTAPINE 50	187	J

2.5% S.L. (INCHES)

87 D3 - 24	1.18	A
ACALA 1517-88	1.17	A
CA 3084	1.17	A
GA 89-227	1.17	A
87 G3 - 27	1.17	A
DO6-70-07	1.13	B
GC 95-MS-1	1.13	B
SS 9401	1.13	B
MD 51ne	1.13	C B
SS 9509	1.13	C B
HX 03392	1.12	C B D
CBX 466	1.11	EC B D
GA 89-41	1.11	EC B D
SS 9506	1.11	EC B D
HX 3368-69	1.10	EC B D
DELTAPINE 50	1.09	EC D
CBX 477	1.09	E D
DPL 0227	1.09	E D
HX 06498	1.09	E D
DELTAPINE 90	1.08	E

STELOMETER - E1

87 D3 - 24	8.9	A
DELTAPINE 50	8.0	B
DPL 0227	7.8	C B
77 G3 - 27	7.6	C B D
HX 06498	7.5	C B D
HX 03392	7.5	C B D
DO6-70-07	7.4	EC B D
MD 51ne	7.4	EC F D
SS 9509	7.3	ECGF D
CBX 466	7.2	ECGF D
DELTAPINE 90	7.0	EHGF D
GA 89-227	6.8	EHGF
CA 3084	6.8	EHGF
SS 9401	6.8	HGF I
CBX 477	6.7	HG I
SS 9506	6.7	HG I
HX 3368-69	6.7	HG I
GC 95-MS-1	6.5	H I
GA 89-41	6.4	H I
ACALA 1517-88	6.2	I

UR (PERCENT)		
DO6-70-07	84.5	A
SS 9509	83.9	B
GA 89-227	83.9	B
CA 3084	83.8	C B
HX 3368-69	83.8	C B
87 D3 - 24	83.8	C B
ACALA 1517-88	83.8	C B
MD 51ne	83.7	C B
DPL 0227	83.7	C B
GC 95-MS-1	83.6	C B
CBX 466	83.5	C B D
HX 06498	83.5	C B D
SS 9506	83.3	C B D
DELTAPINE 50	83.3	C B D
GA 89-41	83.3	C B D
SS 9401	83.1	C D
DELTAPINE 90	82.9	D
HX 03392	82.9	D
87 G3 - 27	82.8	D
CBX 477	82.8	D

MICRONAIRE		
DELTAPINE 50	5.01	A
HX 3368-69	4.97	B A
DELTAPINE 90	4.83	B A C
HX 03392	4.82	B A C
DO6-70-07	4.77	B A C
HX 06498	4.77	B A C
SS 9401	4.75	B A C
SS 9506	4.75	B A C
MD 51ne	4.73	B A C
SS 9509	4.73	B A C
GA 89-41	4.69	B A C
CBX 466	4.64	B A C
CBX 477	4.63	B A C
DPL 0227	4.61	B A C
87 D3 - 24	4.60	B A C
ACALA 1517-88	4.44	B A C
87 G3 - 27	4.38	B C
GC 95-MS-1	4.33	C
GA 89-227	4.25	C
CA 3084	3.52	D

STRENGTH (G/TEX)		
CA 3084	36.7	A
87 D3 - 24	34.5	B
MD 51ne	34.1	CB
ACALA 1517-88	33.5	CB D
GA 89-41	32.7	CE D
SS 9506	32.6	CE D
DO6-70-07	32.3	FE D
DPL 0227	32.2	FE D
GA 89-227	32.2	G FE D
DELTAPINE 90	32.0	G FE D
HX 3368-69	32.0	G FE D
CBX 466	31.6	G FE
GC 95-MS-1	31.0	G FH
SS 9509	30.6	G IH
CBX 477	30.0	IH J
HX 03392	29.2	I J
SS 9401	29.1	I J
87 G3 - 27	29.0	K J
HX 06498	27.6	LK
DELTAPINE 50	26.4	L

E		
87 D3 - 24	10.6	A
MD 51ne	10.2	B
DO6-70-07	10.2	B
DPL 0227	10.1	C B
DELTAPINE 50	10.0	C B D
SS 9506	9.9	EC B D
HX 3368-69	9.9	EC B D

MICRONAIRE (SL-HVI)		
DELTAPINE 50	4.99	A
HX 3368-69	4.96	B A
DELTAPINE 90	4.87	B A C
HX 03392	4.86	DB A C
DO6-70-07	4.83	DB A C
SS 9506	4.83	DB A C
HX 06498	4.82	DB A C

COLORIMETER - Rd		
HX 03392	74.2	A
DELTAPINE 50	73.7	B A
SS 9401	73.7	B A
HX 06498	73.6	B A
DELTAPINE 90	73.0	B A C
MD 51ne	72.7	DB A C
HX 3368-69	72.7	DB A C

HX 03392	9.9	ECFB D
SS 9509	9.9	ECFB D
HX 06498	9.9	ECFG D
CA 3084	9.9	ECFG D
CBX 466	9.8	EHFG D
DELTAPINE 90	9.8	EHFG D
GC 95-MS-1	9.7	EHFG D
ACALA 1517-88	9.7	EHFG D
87 G3 - 27	9.6	EHFG
SS 9401	9.6	HFG
GA 89-41	9.6	H G
GA 89-227	9.6	H G
CBX 477	9.5	H

MD 51ne	4.77	DB A C
SS 9401	4.76	DB A C
SS 9509	4.75	DB A C
GA 89-41	4.72	DB C
CBX 477	4.66	D C
DPL 0227	4.60	D E C
CBX 466	4.59	D E
87 D3 - 24	4.59	D E
ACALA 1517-88	4.37	F E
87 G3 - 27	4.32	F
GC 95-MS-1	4.29	F
GA 89-227	4.23	F
CA 3084	4.22	F

CBX 466	72.5	DB E C
SS 9506	72.4	DB E C
DO6-70-07	72.2	DBFE C
DPL 0227	72.1	DGFE C
CBX 477	71.8	DGFE C
ACALA 1517-88	71.7	DGFE C
GA 89-227	71.7	DGFE C
87 G3 - 27	71.5	DGFE C
SS 9509	71.3	DGFE
GA 89-41	71.0	GFE
87 D3 - 24	70.8	GF
GC 95-MS-1	70.7	GF
CA 3084	70.6	G

OIL (PERCENT)

87 G3 - 27	21.65	A
SS 9506	21.36	B A
SS 9509	21.34	B A
DELTAPINE 90	21.33	B A
HX 3368-69	21.28	B A
CBX 477	21.20	B A
ACALA 1517-88	21.16	B A C
GA 89-227	21.16	B A C
DELTAPINE 50	21.11	DB A C
DPL 0227	20.96	DB A C
SS 9401	20.86	DBEA C
CBX 466	20.78	DBEA C
MD 51ne	20.70	DBEA C
GA 89-41	20.64	DBE C
DO6-70-07	20.48	DBE C
HX 06498	20.35	DBE C
HX 03392	20.18	D E C
87 D3 - 24	20.15	D E
GC 95-MS-1	19.93	E
CA 3084	18.66	F

FREE GOSSYPOL (PERCENT)

DELTAPINE 50	0.97	A
GC 95-MS-1	0.95	A
DELTAPINE 90	0.93	B A
DO6-70-07	0.93	B A
MD 51ne	0.91	B A
CBX 466	0.90	B A
DPL 0227	0.90	B A
HX 3368-69	0.88	B A
SS 9506	0.88	B A
HX 03392	0.82	B C
87 G3 - 27	0.82	B C
GA 89-227	0.82	B C D
SS 9401	0.76	C D
CBX 477	0.73	E C D
SS 9509	0.73	FE C D
HX 06498	0.71	FE G D
GA 89-41	0.65	FE G H
ACALA 1517-88	0.62	F G H
CA 3084	0.60	G H
87 D3 - 24	0.59	H

COLORIMETER - b

87 D3 - 24	8.6	A
MD 51ne	8.4	B A
GA 89-227	8.2	B C
CA 3084	8.2	B C D
87 G3 - 27	8.2	EB C D
GC 95-MS-1	8.1	E C D
DO6-70-07	8.1	E C D
ACALA 1517-88	8.1	EF C D
DPL 0227	8.1	EF C D
CBX 466	8.0	EF C D
GA 89-41	8.0	EF C D
DELTAPINE 90	8.0	EF C D
HX 3368-69	8.0	EF C D
SS 9506	7.9	EF C D
CBX 477	7.9	EF D
SS 9401	7.9	EF D
HX 03392	7.8	EF
DELTAPINE 50	7.7	F
HX 06498	7.7	F
SS 9509	7.7	F

NITROGEN (PERCENT)		
87 G3 - 27	3.82	A
87 D3 - 24	3.80	B A
ACALA 1517-88	3.67	B A C
CA 3084	3.66	B C
GC 95-MS-1	3.54	D C
GA 89-41	3.54	D C
DELTAPINE 90	3.52	E D C
CBX 477	3.52	E D C
SS 9506	3.52	E D C
HX 06498	3.49	E D F
MD 51ne	3.46	GE D F
HX 3368-69	3.46	GE D F
SS 9509	3.45	GE D F
CBX 466	3.44	GE D F
GA 89-227	3.42	GE D F
SS 9401	3.41	GE D F
DPL 0227	3.37	GE D F
DO6-70-07	3.35	GE F
HX 03392	3.34	G F
DELTAPINE 50	3.30	G

SEED YIELD (LB/ACRE)		
DELTAPINE 50	1468	A
HX 3368-69	1438	B A
DO6-70-07	1348	B A C
SS 9401	1314	B A C
DELTAPINE 90	1293	B A C
GA 89-227	1282	B A C
CBX 477	1264	B A C
CBX 466	1259	B A C
SS 9509	1247	B A C
MD 51ne	1246	B A C
HX 06498	1246	B A C
GC 95-MS-1	1238	B A C
DPL 0227	1233	B A C
GA 89-41	1214	B C
SS 9506	1179	C
87 G3 - 27	1168	C
HX 03392	1139	C
ACALA 1517-88	1112	D C
87 D3 - 24	920	E D
CA 3084	886	E

AREALOMETER - A (mm2/mm3)		
GA 89-227	472	A
CA 3084	458	B A
87 G3 - 27	455	B A C
ACALA 1517-88	448	B D C
GC 95-MS-1	446	EB D C
DPL 0227	439	EBFD C
87 D3 - 24	434	EGFD C
CBX 466	434	EGFD C
SS 9401	427	EGFD H
GA 89-41	426	EGF H

AREALOMETER - M (PERCENT)		
CA 3084	91	A
HX 03392	91	A
DELTAPINE 90	90	B A
DO6-70-07	89	B A C
HX 3368-69	89	B A C
SS 9506	89	B A C
ACALA 1517-88	89	B A C
HX 06498	88	B A C
MD 51ne	88	DB A C
DELTAPINE 50	88	DB A C

AREALOMETER - D (mm2/mm3)		
GA 89-227	34.3	A
DPL 0227	29.0	B
87 D3 - 24	27.3	C B
GA 89-41	27.2	C B
SS 9509	26.2	C B D
CBX 477	25.9	C B D
87 G3 - 27	25.5	EC B D
GC 95-MS-1	24.7	EC B D
CBX 466	24.7	EC B D
DELTAPINE 50	24.5	EC B D

MD 51ne	426	EGF	H	CBX 466	88	DB A	C	SS 9401	24.5	EC B	D
CBX 477	425	EGF	H	SS 9401	88	DB A	C	MD 51ne	23.8	EC B	D
SS 9509	423	GF	H	GC 95-MS-1	87	DB A	C	HX 06498	23.5	EC B	D
HX 06498	420	GF	H	87 G3 - 27	87	DB	C	ACALA 1517-88	23.2	EC	D
DO6-70-07	419	GF	H	CBX 477	86	DB	C	SS 9506	22.8	EC	D
SS 9506	417	GF	H	GA 89-41	86	DB	C	DO6-70-07	22.7	EC	D
DELTAPINE 90	415	G	H	SS 9509	86	DB	C	HX 3368-69	22.7	EC	D
HX 03392	415	G	H	87 D3 - 24	85	D	C	DELTAPINE 90	21.3	E	D
DELTAPINE 50	410		H	DPL 0227	84	D		HX 03392	20.2	E	
HX 3368-69	410		H	GA 89-227	80		E	CA 3084	19.9	E	

AREALOMETER - p (Microns)

DELTAPINE 50	50.14		A	DELTAPINE 90	3.10		A	GA 89-227	1.8		A
SS 9509	49.72	B	A	HX 03392	3.09		A	DPL 0227	1.7		B
DPL 0227	49.50	B	A	HX 3368-69	3.08	B	A	87 D3 - 24	1.7	C	B
CBX 477	49.25	B	A C	DELTAPINE 50	3.04	B	A	SS 9509	1.7	C	B
87 D3 - 24	49.05	B	A C	DO6-70-07	3.01	B	A C	CBX 477	1.7	C	B D
GA 89-41	48.95	B	A C	SS 9506	3.01	B	A C	GA 89-41	1.7	C	B D
HX 3368-69	48.90	B	A C	HX 06498	2.98	DB	A C	87 G3 - 27	1.7	C	B D
GA 89-227	48.63	DB	A C	MD 51ne	2.95	DBEA	C	DELTAPINE 50	1.6	EC	B D
HX 06498	48.31	DBEA	C	GA 89-41	2.95	DBEA	C	CBX 466	1.6	EC	B D
SS 9401	48.22	DBEA	C	CBX 477	2.92	DBEA	C	GC 95-MS-1	1.6	EC	B D
SS 9506	48.12	DBEA	C	SS 9401	2.92	DBEA	C	SS 9401	1.6	EC	B D
DO6-70-07	47.95	DBEA	C	SS 9509	2.92	DBEA	C	MD 51ne	1.6	EC	D
MD 51ne	47.79	DBEA	C	CBX 466	2.90	DBEF	C	HX 06498	1.6	EC	D
CBX 466	47.29	DBEF	C	87 D3 - 24	2.85	D EF	C	ACALA 1517-88	1.6	EC	D
DELTAPINE 90	47.04	DBEF	C	CA 3084	2.81	D EF		DO6-70-07	1.6	EC	D
HX 03392	46.63	D EF	C	GC 95-MS-1	2.81	D EF		HX 3368-69	1.6	EC	D
GC 95-MS-1	46.15	D EF		ACALA 1517-88	2.80	D EF		SS 9506	1.6	EC	D
87 G3 - 27	45.79	EF		DPL 0227	2.79	EF		DELTAPINE 90	1.6	E	D
ACALA 1517-88	45.13	F		87 G3 - 27	2.73	F		CA 3084	1.5	E	
CA 3084	42.57	G		GA 89-227	2.57	G		HX 03392	1.5	E	

AREALOMETER - t (MICRONS)

AREALOMETER - I

	AREALOMETER -w (MG/INCH)	
DELTAPINE 50	4.73	A
HX 3368-69	4.62	B A
SS 9509	4.56	B A C
CBX 477	4.49	B A C
HX 06498	4.46	B A C
SS 9506	4.46	B A C
DO6-70-07	4.45	B A C
GA 89-41	4.45	B A C
DELTAPINE 90	4.41	B A C
SS 9401	4.39	B A C
87 D3 - 24	4.38	B A C
DPL 0227	4.37	B A C
HX 03392	4.36	B A C
MD 51ne	4.35	B C
CBX 466	4.23	D C
GC 95-MS-1	4.01	E D
GA 89-227	3.99	E D
87 G3 - 27	3.91	E D
ACALA 1517-88	3.90	E D
CA 3084	3.67	E

LOCATIONS COMBINING VARIETIES

LOCATION	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
FLORENCE, SC	1345	A	5.31	38.1	9.9	132	1.14	0.56	214	8.2	4.72
BOSSIER CITY, LA	836	B	4.73	37.2	9.7	139	1.12	0.56	222	6.8	4.86
STONEVILLE, MS	690	C	4.26	33.8	9.7	150	1.12	0.56	213	7.0	3.84
COLLEGE STATION, TX	634	D C	4.83	36.4	9.9	137	1.14	0.56	211	6.0	4.92

ROCKY MOUNT, NC	616	D C	5.11	40.9	11.2	.	.	.	.	.	.
KEISER, AR	592	D	4.74	37.3	.	149	1.16	0.61	236	7.3	4.90
BELLE MINA, AL	588	D	4.90	39.7	9.5	133	1.12	0.54	227	7.7	4.43

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

LOCATION	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
FLORENCE, SC	1.15	80.9	31.0	10.2	75.9	8.7	4.74	2169	22.42	3.40	1.09
BOSSIER CITY, LA	1.11	83.3	31.6	9.7	71.4	7.3	4.83	1481	20.81	3.28	0.72
STONEVILLE, MS	1.10	85.0	32.8	9.7	77.0	8.9	3.82	1347	19.03	3.50	0.66
COLLEGE STATION, TX	1.13	81.8	29.3	9.7	65.1	6.2	4.95	1034	21.54	3.39	0.85
ROCKY MOUNT, NC	.	.	.	.	.	.	.	876	.	.	.
KEISER, AR	1.14	86.5	33.1	10.1	75.1	7.6	4.97	955	21.02	3.67	0.89
BELLE MINA, AL	1.12	83.4	31.1	9.8	68.7	9.6	4.61	879	19.88	3.78	0.66

Arealometer Data

LOCATION	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
FLORENCE, SC	426	27.5	1.70	85	50.29	4.57	2.9
BOSSIER CITY, LA	410	18.5	1.51	92	46.23	4.37	3.1
STONEVILLE, MS	495	39.1	1.92	77	48.93	3.84	2.4
COLLEGE STATION, TX	406	15.6	1.44	95	44.72	4.27	3.2
ROCKY MOUNT, NC	.	.	.	.	.	.	.
KEISER, AR	411	21.2	1.57	90	48.00	4.53	3.1
BELLE MINA, AL	438	26.4	1.69	86	48.36	4.28	2.8

SUBREGIONAL SUMMARY COMBINING BOSSIER CITY, LA COLLEGE STATION, TX KEISER, AR STONEVILLE, MS

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
HX 06498	784	A	4.32	37.7	9.5	132	1.10	0.56	208	7.4	4.71
DO6-70-07	783	A	4.54	35.9	10.0	149	1.15	0.59	220	6.8	4.70
DELTAPINE 50	779	A	4.95	33.8	10.0	125	1.11	0.54	184	7.6	5.01
SS 9401	767	B A	4.38	36.1	9.2	134	1.14	0.56	209	6.5	4.74
CBX 477	760	B A C	4.47	36.2	9.3	140	1.09	0.56	206	6.2	4.59
CBX 466	758	BDA C	4.31	36.8	9.1	141	1.13	0.57	216	6.7	4.63
DPL 0227	754	BDA C	4.04	36.3	9.2	144	1.11	0.57	224	7.2	4.64
SS 9509	750	BDA C	4.73	35.7	9.6	137	1.13	0.58	214	6.9	4.68
SS 9506	746	BDA C	4.41	36.8	9.0	140	1.13	0.57	221	6.4	4.71
DELTAPINE 90	717	BDA C	4.51	36.7	8.9	140	1.10	0.56	212	6.5	4.80
GC 95-MS-1	705	BDA C	4.15	35.9	9.6	142	1.13	0.57	219	6.2	4.31
MD 51ne	674	EBDA C	4.28	36.4	9.0	147	1.13	0.58	236	7.0	4.78
HX 3368-69	673	EBDA C	4.40	33.9	9.4	141	1.11	0.57	224	6.3	4.99
HX 03392	652	EBDA C	4.68	35.8	9.3	133	1.13	0.56	204	7.2	4.89
GA 89-227	636	EBD C	4.54	34.1	9.7	149	1.16	0.58	236	6.3	4.30
GA 89-41	626	E D C	4.97	35.7	10.7	151	1.13	0.58	228	5.9	4.68
87 G3 - 27	626	E D C	5.52	36.2	10.7	146	1.18	0.58	218	7.2	4.33
ACALA 1517-88	620	E D	4.30	35.2	10.1	163	1.16	0.59	235	6.0	4.43
87 D3 - 24	553	E	4.68	35.0	11.1	154	1.17	0.59	243	8.4	4.50
CA 3084	397	F	4.57	31.2	12.1	166	1.17	0.59	261	6.7	4.20

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
HX 06498	1.09	84.4	27.9	9.8	73.4	7.1	4.75	1278	20.13	3.50	0.66

DO6-70-07	1.13	85.3	32.4	10.1	72.3	7.5	4.78	1429	20.61	3.28	0.94
DELTAPINE 50	1.09	83.9	26.5	10.0	73.7	7.1	5.03	1508	21.07	3.19	0.96
SS 9401	1.13	83.8	29.7	9.5	74.0	7.3	4.69	1323	20.42	3.33	0.72
CBX 477	1.08	83.4	29.9	9.4	72.2	7.4	4.64	1268	21.34	3.44	0.74
CBX 466	1.12	84.0	31.6	9.6	72.4	7.5	4.60	1224	20.33	3.40	0.84
DPL 0227	1.08	84.3	32.5	10.1	71.8	7.5	4.63	1339	21.01	3.34	0.87
SS 9509	1.11	84.6	31.0	9.9	70.9	7.0	4.74	1368	21.45	3.39	0.74
SS 9506	1.11	84.0	32.2	9.8	72.3	7.4	4.79	1283	21.24	3.45	0.87
DELTAPINE 90	1.08	83.5	32.1	9.8	72.8	7.5	4.89	1274	20.93	3.50	0.88
GC 95-MS-1	1.12	84.3	31.3	9.6	70.0	7.6	4.31	1219	19.87	3.48	0.95
MD 51ne	1.12	84.2	34.1	10.1	72.9	7.9	4.81	1177	20.47	3.45	0.90
HX 3368-69	1.09	84.2	32.4	9.9	72.2	7.4	4.96	1386	21.17	3.44	0.84
HX 03392	1.12	83.5	29.5	9.9	74.4	7.2	4.90	1131	20.00	3.27	0.80
GA 89-227	1.17	84.3	32.1	9.4	71.4	7.8	4.30	1215	21.18	3.41	0.79
GA 89-41	1.12	84.1	32.9	9.4	70.8	7.6	4.71	1177	20.32	3.52	0.60
87 G3 - 27	1.19	83.7	29.3	9.5	71.9	7.6	4.24	1186	21.28	3.82	0.77
ACALA 1517-88	1.16	84.2	33.6	9.6	71.2	7.5	4.38	1157	20.82	3.64	0.56
87 D3 - 24	1.17	84.7	35.4	10.5	71.4	8.1	4.49	1070	19.72	3.72	0.56
CA 3084	1.17	84.5	37.6	9.9	71.0	7.7	4.19	853	18.61	3.61	0.55

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
HX 06498	423	23.3	1.61	89	47.59	4.37	3.0
DO6-70-07	422	22.8	1.60	89	47.54	4.39	3.0
DELTAPINE 50	408	22.8	1.60	89	49.10	4.66	3.1
SS 9401	432	24.5	1.64	88	47.60	4.30	2.9
CBX 477	425	24.9	1.64	87	48.47	4.42	2.9
CBX 466	430	23.1	1.60	89	46.56	4.21	3.0
DPL 0227	435	26.9	1.69	86	48.79	4.35	2.8
SS 9509	424	24.1	1.63	88	48.20	4.42	3.0
SS 9506	419	23.4	1.61	89	48.14	4.45	3.0
DELTAPINE 90	416	21.0	1.55	91	46.48	4.37	3.2
GC 95-MS-1	438	21.4	1.57	90	44.86	3.97	2.9
MD 51ne	424	22.2	1.58	90	46.88	4.30	3.0
HX 3368-69	408	19.8	1.53	92	47.03	4.47	3.2
HX 03392	410	17.8	1.48	93	45.37	4.30	3.2
GA 89-227	464	32.2	1.79	82	48.27	4.03	2.6
GA 89-41	423	27.4	1.66	87	48.98	4.49	3.0

87 G3 - 27	462	26.0	1.67	86	45.28	3.81	2.7
ACALA 1517-88	446	21.6	1.57	90	44.28	3.85	2.8
87 D3 - 24	441	27.2	1.69	86	48.17	4.25	2.8
CA 3084	460	19.0	1.51	92	41.87	3.64	2.8

SUBREGIONAL SUMMARY COMBINING BELLE MINA, AL FLORENCE, SC ROCKY MOUNT, NC

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
HX 3368-69	1020	A	5.03	40.2	9.6	140	1.11	0.54	215	7.4	4.93
DELTAPINE 90	1000	A	5.10	40.8	9.6	138	1.10	0.54	213	7.9	4.90
MD 51ne	989	A	5.07	40.9	9.7	147	1.14	0.56	231	8.2	4.63
CBX 466	979	A	4.90	41.2	9.7	134	1.14	0.56	228	8.1	4.68
GA 89-227	942	A	5.10	39.4	9.8	142	1.17	0.56	232	8.0	4.15
CBX 477	938	A	4.73	40.9	9.5	129	1.11	0.54	205	7.8	4.73
DELTAPINE 50	915	A	5.43	39.3	10.2	114	1.12	0.54	193	8.9	5.00
GA 89-41	907	A	5.48	40.1	10.4	140	1.10	0.54	229	7.3	4.73
DO6-70-07	904	A	4.87	40.5	10.4	137	1.15	0.57	218	8.6	4.90
HX 06498	892	A	4.96	41.5	10.1	120	1.10	0.55	199	7.8	4.88
SS 9401	881	A	5.15	40.1	9.9	129	1.13	0.54	212	7.3	4.78
GC 95-MS-1	866	B A	4.91	40.8	10.1	136	1.15	0.56	218	7.0	4.38
DPL 0227	852	B A	4.84	40.2	10.6	136	1.13	0.56	228	9.0	4.55
HX 03392	828	B A	5.20	39.8	9.8	124	1.13	0.54	204	8.3	4.68
SS 9509	786	B A C	5.28	39.8	10.2	126	1.13	0.55	211	8.1	4.83
SS 9506	786	B A C	4.95	38.4	10.4	140	1.11	0.54	227	7.3	4.83
87 G3 - 27	780	B A C	5.71	40.8	10.0	98	1.15	0.55	223	8.3	4.50
ACALA 1517-88	708	B A C	4.94	39.9	10.6	160	1.17	0.57	245	6.4	4.48
CA 3084	534	B C	5.47	38.1	11.5	109	1.17	0.56	244	7.1	2.15
87 D3 - 24	486	C	5.06	35.0	12.0	143	1.15	0.56	235	9.8	4.80

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
HX 3368-69	1.13	82.9	31.2	10.0	73.7	9.1	4.95	1509	21.51	3.51	0.97
DELTAPINE 90	1.08	81.7	31.9	9.9	73.4	9.0	4.83	1321	22.14	3.55	1.02
MD 51ne	1.14	82.7	34.1	10.5	72.4	9.5	4.68	1343	21.16	3.46	0.95
CBX 466	1.11	82.4	31.7	10.2	72.8	9.1	4.58	1309	21.70	3.53	1.00
GA 89-227	1.18	82.9	32.3	9.8	72.4	9.1	4.10	1375	21.13	3.45	0.87
CBX 477	1.10	81.7	30.1	9.8	71.1	8.8	4.70	1261	20.68	3.84	0.72
DELTAPINE 50	1.10	81.9	26.1	10.0	73.8	9.0	4.93	1413	21.19	3.51	0.98
GA 89-41	1.08	81.6	32.4	9.8	71.3	8.9	4.73	1267	21.28	3.58	0.74
DO6-70-07	1.15	82.8	32.1	10.5	72.1	9.4	4.95	1238	20.12	3.54	0.91
HX 06498	1.09	81.7	27.1	10.0	74.0	9.1	4.95	1203	20.78	3.48	0.80
SS 9401	1.14	81.7	28.1	9.8	73.0	9.1	4.90	1303	21.73	3.58	0.83
GC 95-MS-1	1.16	82.2	30.2	9.9	72.0	9.1	4.25	1265	20.04	3.66	0.95
DPL 0227	1.13	82.4	31.8	10.3	72.5	9.1	4.55	1089	20.85	3.44	0.96
HX 03392	1.12	81.7	28.8	10.0	73.9	9.2	4.78	1151	20.54	3.48	0.87
SS 9509	1.16	82.5	29.8	9.9	72.0	9.1	4.78	1081	21.10	3.56	0.71
SS 9506	1.12	82.1	33.4	10.3	72.6	9.1	4.93	1036	21.59	3.66	0.91
87 G3 - 27	1.15	81.2	28.4	9.9	70.7	9.3	4.48	1146	22.40	3.81	0.92
ACALA 1517-88	1.17	82.9	33.2	9.9	72.7	9.2	4.35	1050	21.84	3.74	0.74
CA 3084	1.17	82.5	35.1	9.7	69.9	9.3	4.28	931	18.75	3.76	0.72
87 D3 - 24	1.19	82.0	32.9	10.8	69.6	9.6	4.80	713	21.01	3.96	0.66

VARIETY	Arealometer Data A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
HX 3368-69	413	28.5	1.73	84	52.64	4.93	3.0
DELTAPINE 90	415	21.8	1.59	89	48.15	4.49	3.0
MD 51ne	431	27.0	1.70	85	49.62	4.46	2.8
CBX 466	442	27.8	1.71	85	48.76	4.28	2.8
GA 89-227	489	38.4	1.92	77	49.36	3.91	2.4
CBX 477	425	27.9	1.72	85	50.83	4.64	2.9
DELTAPINE 50	414	28.0	1.72	85	52.21	4.88	2.9

GA 89-41	434	26.6	1.69	86	48.91	4.38	2.8
DO6-70-07	412	22.6	1.60	89	48.76	4.57	3.0
HX 06498	414	24.1	1.64	88	49.76	4.65	3.0
SS 9401	419	24.5	1.65	87	49.46	4.57	2.9
GC 95-MS-1	462	31.4	1.79	82	48.72	4.09	2.6
DPL 0227	447	33.0	1.81	81	50.94	4.41	2.7
HX 03392	425	25.1	1.66	87	49.15	4.48	2.9
SS 9509	422	30.5	1.77	83	52.77	4.84	2.9
SS 9506	414	21.5	1.58	90	48.06	4.49	3.0
87 G3 - 27	441	24.4	1.64	87	46.81	4.11	2.8
ACALA 1517-88	453	26.5	1.69	86	46.82	4.01	2.7
CA 3084	453	21.8	1.59	90	43.98	3.75	2.8
87 D3 - 24	422	27.5	1.71	85	50.83	4.65	2.9

COLLEGE STATION, TX

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
SS 9506	811	A	4.75	38.4	8.8	134	1.12	0.54	201	5.9	5.05
CBX 466	774	B A	4.50	38.2	9.4	131	1.15	0.57	207	6.0	4.95
CBX 477	766	B A	5.40	37.4	9.4	133	1.11	0.56	208	4.9	5.00
DPL 0227	761	B A	4.11	38.1	9.3	133	1.10	0.56	207	6.3	5.15
SS 9401	758	B A	4.58	36.9	9.2	128	1.14	0.53	186	5.6	4.95
DO6-70-07	756	B A	4.49	37.0	9.9	146	1.15	0.58	215	5.6	4.95
HX 06498	750	B A	4.70	38.1	9.2	130	1.11	0.55	192	6.5	4.90
DELTAPINE 50	730	B A	5.09	35.0	9.7	116	1.11	0.52	184	7.3	5.20
SS 9509	726	B A	4.99	36.3	9.7	127	1.13	0.57	200	6.1	4.95
DELTAPINE 90	705	B A C	4.98	37.9	9.0	128	1.13	0.58	204	6.3	5.15
ACALA 1517-88	678	DB A C	4.78	35.8	10.4	161	1.15	0.58	244	5.5	4.70
GC 95-MS-1	612	DBEA C	4.58	36.8	9.9	136	1.14	0.56	207	5.5	4.55
87 D3 - 24	578	DBE C	5.35	36.4	11.5	144	1.19	0.57	236	7.3	5.00
87 G3 - 27	522	D E C	5.93	35.8	11.5	139	1.19	0.57	209	6.6	4.50
HX 03392	517	D E C	4.98	36.6	9.4	129	1.13	0.55	190	6.5	5.20
HX 3368-69	497	D EF	4.14	34.4	9.2	137	1.12	0.56	208	5.6	5.05

GA 89-41	483	D EF	4.87	37.5	10.9	148	1.12	0.56	213	5.1	4.95
MD 51ne	481	D EF	4.51	37.6	8.7	136	1.13	0.57	217	6.3	5.15
GA 89-227	434	EF	4.81	34.9	9.9	133	1.15	0.55	226	5.3	4.80
CA 3084	305	F	5.06	30.2	13.0	171	1.23	0.61	276	6.3	4.20

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
SS 9506	1.11	81.5	29.3	9.4	64.5	6.1	5.15	1352	22.76	3.20	0.96
CBX 466	1.13	81.9	28.9	9.2	65.6	6.5	5.00	1096	21.60	3.34	0.94
CBX 477	1.09	81.2	28.3	9.1	63.7	6.4	5.05	1223	22.80	3.40	0.80
DPL 0227	1.07	81.5	31.1	10.0	65.5	6.3	5.20	1089	21.68	3.21	0.97
SS 9401	1.13	81.3	27.1	9.0	67.8	6.0	4.90	1271	21.96	3.21	0.83
DO6-70-07	1.13	82.4	30.7	10.0	65.6	6.5	5.15	1313	21.31	3.37	0.94
HX 06498	1.10	82.1	26.1	9.6	67.8	5.8	4.90	1150	21.18	3.37	0.74
DELTAPINE 50	1.11	81.6	23.9	9.9	66.6	5.8	5.20	1252	21.53	3.27	0.97
SS 9509	1.11	82.0	28.3	9.9	62.3	5.3	4.95	1306	22.80	3.18	0.85
DELTAPINE 90	1.13	81.7	29.4	9.8	66.8	6.1	5.35	1272	20.93	3.63	0.91
ACALA 1517-88	1.18	81.9	32.3	9.6	64.0	6.2	4.70	1341	21.31	3.82	0.47
GC 95-MS-1	1.14	82.1	29.5	9.5	63.0	6.5	4.55	900	21.26	3.40	1.09
87 D3 - 24	1.20	81.8	30.9	11.0	65.1	6.9	5.05	1031	20.89	3.80	0.67
87 G3 - 27	1.18	80.7	26.1	9.3	64.6	6.4	4.35	801	21.90	3.70	0.88
HX 03392	1.14	81.4	27.0	9.8	69.5	5.6	5.20	660	21.64	3.20	0.93
HX 3368-69	1.12	81.8	30.2	9.8	65.1	6.1	5.10	996	22.66	3.17	0.94
GA 89-41	1.12	81.5	30.2	9.1	63.7	6.9	4.95	837	21.31	3.09	0.71
MD 51ne	1.12	82.0	31.1	9.9	65.9	6.6	5.35	685	21.89	3.40	0.95
GA 89-227	1.17	82.1	29.2	9.1	61.8	6.5	4.65	662	22.18	3.39	0.83
CA 3084	1.22	83.0	36.8	10.0	62.9	6.4	4.25	445	17.21	3.67	0.54

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)

SS 9506	394	14.5	1.42	96	45.15	4.42	3.3
CBX 466	406	12.8	1.37	98	42.50	4.04	3.3
CBX 477	401	18.5	1.51	92	47.44	4.57	3.2
DPL 0227	400	17.8	1.50	93	46.96	4.53	3.2
SS 9401	405	15.8	1.45	95	44.94	4.29	3.2
DO6-70-07	387	16.3	1.46	95	47.41	4.73	3.3
HX 06498	411	18.0	1.50	93	45.91	4.31	3.1
DELTAPINE 50	383	14.0	1.41	96	46.11	4.65	3.4
SS 9509	407	18.8	1.52	92	46.96	4.46	3.1
DELTAPINE 90	387	11.0	1.33	99	43.25	4.32	3.5
ACALA 1517-88	417	14.3	1.41	96	42.46	3.93	3.1
GC 95-MS-1	421	16.5	1.47	94	43.68	4.01	3.1
87 D3 - 24	405	17.8	1.49	93	46.27	4.41	3.2
87 G3 - 27	444	19.5	1.54	92	43.52	3.79	2.8
HX 03392	386	11.3	1.34	99	43.51	4.36	3.5
HX 3368-69	395	14.0	1.40	97	44.71	4.37	3.3
GA 89-41	400	14.0	1.41	97	44.19	4.27	3.3
MD 51ne	387	15.5	1.44	95	46.83	4.67	3.3
GA 89-227	428	19.5	1.54	92	45.16	4.08	3.0
CA 3084	451	11.8	1.35	99	37.55	3.22	3.0

BOSSIER CITY, LA

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CBX 477	1031	A	4.64	38.5	9.3	134	1.08	0.55	199	6.5	4.95
CBX 466	987	A	4.50	38.7	9.1	133	1.12	0.55	215	6.6	4.90
SS 9401	953	A	4.65	38.4	9.5	124	1.13	0.54	208	6.5	5.05
SS 9506	934	A	4.57	38.7	9.0	133	1.10	0.55	226	6.1	4.90
HX 06498	909	B A	4.32	39.0	9.6	121	1.09	0.55	208	7.3	5.05
MD 51ne	908	B A	4.46	38.5	9.1	139	1.12	0.56	251	6.9	5.15
HX 3368-69	892	B A C	4.37	36.3	9.4	133	1.11	0.57	221	6.5	5.35
DPL 0227	890	B A C	4.18	37.9	9.3	141	1.10	0.56	224	7.5	4.70
DO6-70-07	879	B A C	4.68	37.5	10.2	143	1.15	0.59	216	6.9	5.05
GA 89-227	871	B A C	4.71	37.3	9.4	147	1.13	0.56	249	6.3	4.55

DELTAPINE 90	870	B A C	4.66	39.7	9.1	135	1.09	0.54	205	6.5	5.30
HX 03392	857	B A C	5.29	38.1	9.0	120	1.11	0.56	198	6.5	5.30
GC 95-MS-1	853	B A C	4.20	36.5	9.5	140	1.13	0.56	234	5.6	4.40
GA 89-41	852	B A C	5.18	36.8	10.3	146	1.11	0.56	237	5.6	4.75
DELTAPINE 50	846	B A C	4.54	35.5	9.8	113	1.08	0.51	167	7.6	5.15
SS 9509	825	DB A C	4.78	37.3	9.7	136	1.11	0.55	217	7.1	4.90
ACALA 1517-88	691	DB C	4.72	36.7	10.0	152	1.14	0.56	211	6.5	4.50
87 G3 - 27	674	D C	6.17	36.4	10.8	146	1.16	0.56	224	7.5	4.45
87 D3 - 24	632	D	5.20	36.2	11.0	161	1.17	0.58	256	8.5	4.65
CA 3084	365	E	4.88	31.1	12.1	182	1.21	0.62	286	7.0	4.20

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. UNIFORMITY (inches)	(%)	STRENGTH (g/tex)	E	Colorimeter Rd	Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CBX 477	1.07	82.6	29.1	9.0	70.8	7.1	4.95	1569	21.52	3.29	0.57
CBX 466	1.10	82.9	32.0	9.7	70.7	7.3	4.85	1391	20.94	3.25	0.72
SS 9401	1.13	82.7	29.6	9.4	73.9	7.2	5.00	1606	19.88	3.18	0.66
SS 9506	1.10	82.9	31.4	9.7	71.2	6.9	5.00	1611	20.94	3.25	0.85
HX 06498	1.08	84.0	27.3	9.8	72.2	6.9	5.10	1542	20.75	3.29	0.68
MD 51ne	1.11	82.7	35.1	10.0	72.5	8.0	5.10	1529	21.03	3.13	0.87
HX 3368-69	1.10	84.0	31.6	9.8	72.4	7.0	5.20	1795	21.04	3.29	0.76
DPL 0227	1.07	83.6	31.3	10.0	71.0	7.3	4.65	1726	21.96	3.21	0.72
DO6-70-07	1.13	85.4	32.0	9.9	71.5	7.2	5.00	1697	21.14	2.92	0.93
GA 89-227	1.14	82.8	33.4	9.5	71.4	7.7	4.60	1405	21.42	3.17	0.73
DELTAPINE 90	1.05	82.0	31.9	9.5	73.2	7.6	5.25	1413	22.10	3.28	0.95
HX 03392	1.08	82.5	28.7	9.7	72.6	6.8	5.20	1356	20.50	3.06	0.82
GC 95-MS-1	1.12	83.6	31.4	9.2	68.9	7.5	4.35	1429	20.00	3.38	0.81
GA 89-41	1.10	83.5	31.7	9.4	69.5	7.1	4.70	1567	19.60	3.72	0.42
DELTAPINE 50	1.06	81.6	25.5	9.9	72.6	7.1	5.20	1626	21.14	2.83	1.06
SS 9509	1.11	84.1	31.3	9.8	70.9	6.8	4.95	1603	21.64	3.15	0.70
ACALA 1517-88	1.15	83.6	30.9	9.3	69.2	7.2	4.45	1200	20.60	3.42	0.56
87 G3 - 27	1.16	83.1	30.4	9.8	71.8	7.6	4.40	1432	22.13	3.73	0.66
87 D3 - 24	1.17	84.5	36.4	10.0	71.2	7.9	4.60	1281	20.18	3.60	0.49
CA 3084	1.20	84.3	41.0	10.0	71.4	7.5	4.00	838	17.64	3.50	0.39

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
CBX 477	398	19.5	1.53	92	48.21	4.67	3.2
CBX 466	396	15.5	1.44	95	45.72	4.46	3.3
SS 9401	406	19.5	1.54	92	47.64	4.54	3.1
SS 9506	403	19.5	1.54	92	47.87	4.58	3.1
HX 06498	393	19.0	1.53	92	48.79	4.79	3.2
MD 51ne	391	14.5	1.42	96	45.52	4.50	3.3
HX 3368-69	385	16.3	1.46	94	47.50	4.76	3.4
DPL 0227	431	26.8	1.69	85	49.35	4.42	2.8
DO6-70-07	399	19.0	1.53	92	48.09	4.66	3.2
GA 89-227	431	21.5	1.58	90	46.11	4.13	2.9
DELTAPINE 90	374	10.8	1.33	99	44.42	4.58	3.6
HX 03392	384	11.5	1.34	99	43.91	4.42	3.5
GC 95-MS-1	436	15.0	1.42	96	40.98	3.63	3.0
GA 89-41	421	22.0	1.59	90	47.22	4.33	3.0
DELTAPINE 50	393	20.8	1.57	90	50.06	4.92	3.2
SS 9509	413	20.0	1.55	91	47.15	4.41	3.0
ACALA 1517-88	436	22.3	1.60	89	46.03	4.08	2.9
87 G3 - 27	434	23.0	1.62	89	46.73	4.16	2.9
87 D3 - 24	420	21.3	1.57	90	46.84	4.30	3.0
CA 3084	463	11.5	1.34	99	36.49	3.05	2.9

STONEVILLE, MS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
87 G3 - 27	774	A	5.00	35.5	9.9	149	1.17	0.56	203	6.9	3.55
DELTAPINE 50	765	B A	5.08	32.2	10.4	138	1.11	0.56	194	7.8	4.35
DPL 0227	758	B A	3.86	34.6	9.1	151	1.11	0.58	218	7.1	3.90
DO6-70-07	749	B A C	4.19	34.1	9.9	154	1.13	0.59	208	7.0	3.80

SS 9509	744	DB	A C	4.49	34.1	9.4	143	1.12	0.58	213	7.3	3.80
HX 06498	734	DB	A C	4.05	36.3	9.7	138	1.07	0.55	203	8.4	3.65
MD 51ne	727	DB	A C	4.10	34.5	9.2	152	1.09	0.57	224	7.6	4.05
DELTAPINE 90	713	DB	A C	4.17	34.6	8.7	146	1.03	0.52	204	6.3	3.60
HX 3368-69	712	DB	A C	4.51	32.1	9.7	152	1.08	0.55	234	7.3	4.20
GC 95-MS-1	697	DB	A C	3.95	34.7	9.4	141	1.12	0.56	202	6.8	3.75
CBX 466	695	DB	A C	4.00	34.9	8.8	148	1.10	0.55	196	6.6	3.65
HX 03392	694	DB	A C	4.33	34.4	9.6	142	1.13	0.55	210	8.1	4.20
SS 9506	694	DB	A C	4.03	34.9	9.3	144	1.12	0.57	218	7.0	4.20
SS 9401	686	DB	C	4.11	33.8	8.8	143	1.10	0.55	217	7.4	3.95
GA 89-227	670	D	E C	4.20	31.5	9.8	160	1.17	0.57	221	6.5	3.55
GA 89-41	668	D	E	4.92	33.6	11.0	155	1.13	0.57	205	6.0	4.05
CBX 477	666	D	E	4.15	33.8	9.2	144	1.08	0.54	186	6.1	4.00
ACALA 1517-88	604		E	3.87	34.2	10.0	166	1.17	0.59	231	5.9	3.75
87 D3 - 24	599		E	4.14	33.3	10.9	149	1.13	0.57	223	8.3	3.50
CA 3084	445		F	4.14	29.5	11.4	178	1.17	0.58	256	6.5	3.20

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
87 G3 - 27	1.19	84.1	29.3	9.0	77.2	8.7	3.45	1406	19.22	3.88	0.62
DELTAPINE 50	1.08	85.7	28.9	10.0	79.5	8.5	4.25	1607	19.90	3.30	0.74
DPL 0227	1.06	85.5	32.6	9.9	77.2	9.1	3.85	1432	18.95	3.37	0.73
DO6-70-07	1.11	86.4	32.9	9.9	76.9	8.9	3.80	1446	18.54	3.31	0.77
SS 9509	1.10	85.8	32.1	10.0	76.3	8.8	3.80	1442	19.43	3.47	0.62
HX 06498	1.05	85.2	28.7	9.9	78.3	8.7	3.80	1292	18.76	3.58	0.57
MD 51ne	1.09	85.2	34.9	10.0	76.8	9.5	4.05	1380	19.04	3.57	0.77
DELTAPINE 90	1.03	84.0	32.9	9.8	76.0	8.8	3.70	1348	19.81	3.48	0.73
HX 3368-69	1.06	85.0	33.4	10.0	77.0	8.8	4.15	1504	19.75	3.58	0.71
GC 95-MS-1	1.09	85.0	32.0	9.9	75.7	9.4	3.70	1312	17.94	3.49	0.85
CBX 466	1.09	84.8	33.3	9.7	77.4	8.8	3.65	1296	18.42	3.47	0.78
HX 03392	1.10	84.6	30.3	10.0	78.0	8.7	4.25	1327	18.89	3.36	0.66
SS 9506	1.08	84.6	34.5	10.0	78.1	8.8	4.05	1294	19.81	3.63	0.74
SS 9401	1.11	85.0	29.7	9.6	78.2	8.6	3.80	1343	18.68	3.38	0.66
GA 89-227	1.15	85.8	32.8	9.3	76.6	9.0	3.50	1457	19.97	3.42	0.69
GA 89-41	1.11	85.2	33.8	9.3	77.1	9.3	4.10	1324	18.86	3.58	0.54
CBX 477	1.05	83.6	30.7	9.5	76.7	8.9	4.00	1303	19.33	3.54	0.62
ACALA 1517-88	1.16	85.0	35.8	9.6	76.7	9.0	3.75	1162	19.80	3.61	0.48

87 D3 - 24	1.13	85.2	36.8	10.0	76.1	9.2	3.45	1200	17.80	3.58	0.42
CA 3084	1.20	85.6	40.0	9.7	75.2	8.8	3.25	1067	17.83	3.44	0.42

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
87 G3 - 27	538	40.8	1.96	76	45.63	3.29	2.2
DELTAPINE 50	462	37.5	1.91	78	51.76	4.33	2.6
DPL 0227	487	38.5	1.92	77	49.53	3.93	2.4
DO6-70-07	494	37.8	1.91	78	48.49	3.81	2.4
SS 9509	489	39.0	1.93	77	49.65	3.93	2.4
HX 06498	490	40.0	1.95	76	49.93	3.94	2.4
MD 51ne	474	32.3	1.81	82	47.91	3.91	2.5
DELTAPINE 90	515	43.5	2.01	74	48.99	3.67	2.3
HX 3368-69	468	33.8	1.83	80	49.17	4.07	2.6
GC 95-MS-1	493	35.8	1.87	79	47.81	3.75	2.4
CBX 466	507	41.5	1.98	75	48.98	3.73	2.3
HX 03392	470	30.5	1.76	83	46.97	3.88	2.6
SS 9506	471	39.8	1.95	76	51.90	4.26	2.5
SS 9401	502	38.5	1.92	77	48.02	3.70	2.4
GA 89-227	524	47.8	2.08	71	49.93	3.68	2.2
GA 89-41	480	58.5	2.20	66	58.20	4.76	2.4
CBX 477	480	39.3	1.94	77	50.73	4.09	2.5
ACALA 1517-88	504	33.3	1.82	81	45.49	3.49	2.4
87 D3 - 24	511	41.3	1.97	75	48.56	3.68	2.3
CA 3084	552	32.0	1.80	81	41.00	2.87	2.2

FLORENCE, SC

VARIETY	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)

HX 3368-69	1700		A	4.86	35.8	9.6	138	1.14	0.55	205	7.6	4.70
DELTAPINE 90	1698		A	5.34	39.7	9.0	134	1.10	0.53	214	9.0	5.00
MD 51ne	1675	B	A	5.00	38.1	9.0	145	1.16	0.56	219	8.4	4.55
GA 89-227	1581	B	A	C	5.11	37.4	9.5	131	1.16	0.56	230	7.9	4.25
GA 89-41	1579	B	A	C	5.89	39.9	10.3	134	1.10	0.55	224	7.5	4.95
DO6-70-07	1527	B	A	C	5.20	38.1	10.0	133	1.16	0.58	213	8.5	4.80
CBX 466	1492	B	A	C	5.38	40.3	9.2	122	1.13	0.56	218	8.0	4.85
CBX 477	1459	DB	A	C	5.10	40.4	9.2	123	1.11	0.54	202	7.8	4.85
HX 06498	1414	DB		C	5.16	40.1	10.6	116	1.12	0.56	193	8.0	4.90
DPL 0227	1397	D		C	4.50	39.2	10.0	132	1.16	0.57	229	8.4	4.55
SS 9506	1390	D		C	5.30	38.5	9.2	137	1.12	0.55	211	7.5	4.80
SS 9509	1390	D		C	5.39	38.8	9.9	125	1.14	0.57	207	8.3	4.85
DELTAPINE 50	1382	D		C	5.19	37.6	9.6	107	1.13	0.55	190	10	4.95
SS 9401	1333	D		C	5.11	37.8	9.1	123	1.15	0.56	200	7.5	4.80
GC 95-MS-1	1204	D	E		4.97	38.3	10.0	134	1.17	0.58	217	7.0	4.35
HX 03392	1202	D	E		5.45	38.7	10.1	119	1.14	0.55	190	8.6	4.80
ACALA 1517-88	1081		E		5.48	37.7	10.4	155	1.18	0.58	231	7.0	4.65
87 G3 - 27	1068		E		6.20	38.6	10.1	131	1.15	0.55	215	8.6	4.60
87 D3 - 24	792		F		6.00	37.7	11.9	145	1.15	0.57	242	11	4.80
CA 3084	545		G		5.67	30.7	12.1	147	1.17	0.57	229	7.6	4.30

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)							Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
HX 3368-69	1.15	82.2	30.7	10.0	78.4	8.9	4.80	3109	21.99	3.23	1.12
DELTAPINE 90	1.09	80.5	31.3	10.0	76.8	8.5	5.05	2530	22.97	3.33	1.22
MD 51ne	1.16	81.4	34.3	11.0	74.3	9.1	4.65	2668	22.15	3.21	1.17
GA 89-227	1.20	81.2	32.2	10.0	76.4	8.8	4.20	2694	22.05	3.37	0.95
GA 89-41	1.08	80.3	33.2	10.0	75.5	8.3	5.10	2506	23.43	3.38	1.03
DO6-70-07	1.18	81.6	32.1	11.0	76.3	8.9	4.90	2486	21.15	3.18	1.19
CBX 466	1.11	80.6	31.0	10.5	76.3	8.6	4.85	2181	23.44	3.41	1.13
CBX 477	1.10	80.3	30.6	10.0	76.3	8.7	4.85	2229	.	.	.
HX 06498	1.11	80.7	26.9	10.0	77.8	8.3	4.90	2082	22.52	3.12	1.16
DPL 0227	1.17	81.0	31.7	10.5	75.1	8.7	4.55	1960	21.29	3.20	1.15
SS 9506	1.14	80.6	33.3	10.5	76.6	8.9	4.95	2098	22.28	3.38	1.17
SS 9509	1.18	81.3	30.0	10.0	77.4	8.6	4.70	2301	22.86	3.39	1.00

DELTAPINE 50	1.12	80.9	25.1	10.0	77.8	8.4	4.90	2498	22.24	3.25	1.05
SS 9401	1.15	80.6	28.0	10.0	76.5	8.4	5.00	2302	22.80	3.35	1.12
GC 95-MS-1	1.20	81.4	30.9	10.0	75.6	8.7	4.30	1929	21.87	3.44	1.36
HX 03392	1.13	80.8	29.0	10.0	77.1	8.6	4.90	1762	22.56	3.43	1.09
ACALA 1517-88	1.19	81.6	33.5	10.0	75.3	8.6	4.65	1924	23.04	3.60	0.90
87 G3 - 27	1.16	80.3	27.9	10.0	74.6	9.2	4.60	1756	23.70	3.59	1.21
87 D3 - 24	1.22	81.0	34.3	11.5	71.9	9.3	4.80	1140	22.52	3.90	0.85
CA 3084	1.18	80.9	34.1	9.8	71.5	9.0	4.15	1235	20.46	3.73	0.93

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
HX 3368-69	419	31.0	1.78	82	53.38	4.92	2.9
DELTAPINE 90	401	21.8	1.59	90	49.72	4.79	3.1
MD 51ne	434	29.0	1.74	84	50.46	4.51	2.8
GA 89-227	487	40.0	1.95	76	50.28	3.99	2.4
GA 89-41	402	21.3	1.58	90	49.36	4.75	3.1
DO6-70-07	421	26.8	1.69	86	50.47	4.63	2.9
CBX 466	418	24.3	1.64	88	49.39	4.57	3.0
CBX 477	406	25.3	1.66	87	51.51	4.91	3.0
HX 06498	421	26.3	1.68	86	50.29	4.62	2.9
DPL 0227	460	38.8	1.92	77	52.44	4.41	2.6
SS 9506	409	22.0	1.59	89	48.93	4.62	3.0
SS 9509	419	31.3	1.79	82	53.56	4.95	2.9
DELTAPINE 50	411	30.5	1.77	83	54.10	5.09	2.9
SS 9401	412	25.8	1.67	86	51.02	4.78	3.0
GC 95-MS-1	455	33.0	1.82	81	50.33	4.28	2.6
HX 03392	412	24.0	1.64	88	49.91	4.68	3.0
ACALA 1517-88	431	24.8	1.65	87	47.95	4.30	2.9
87 G3 - 27	430	24.5	1.65	87	48.07	4.33	2.9
87 D3 - 24	419	27.0	1.70	85	50.86	4.68	2.9
CA 3084	457	22.0	1.59	89	43.73	3.70	2.7

ROCKY MOUNT, NC

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
GC 95-MS-1	812	A	5.18	42.7	11.1	.	.	.	.	.	.
87 G3 - 27	772	B A	5.39	42.9	10.5	.	.	.	.	.	.
CA 3084	762	B A C	5.14	43.8	10.4	.	.	.	.	.	.
CBX 466	744	DB A C	5.13	42.3	10.9	.	.	.	.	.	.
HX 3368-69	733	DBEA C	5.53	42.7	10.3	.	.	.	.	.	.
DELTAPINE 50	730	DBEA C	5.54	39.7	11.3	.	.	.	.	.	.
SS 9401	704	DBE C	5.20	41.6	11.0	.	.	.	.	.	.
HX 06498	691	DBE C	5.08	42.3	10.6	.	.	.	.	.	.
CBX 477	682	DBE C	4.50	41.8	10.6	.	.	.	.	.	.
HX 03392	676	DBEF C	5.06	40.7	10.5	.	.	.	.	.	.
MD 51ne	659	D EF C	5.24	42.8	10.9	.	.	.	.	.	.
DELTAPINE 90	647	D EF	5.20	41.2	10.9	.	.	.	.	.	.
GA 89-227	631	GEF	5.38	41.1	11.0	.	.	.	.	.	.
DO6-70-07	576	G F H	4.51	41.2	11.0	.	.	.	.	.	.
GA 89-41	547	G H	5.28	40.2	11.0	.	.	.	.	.	.
ACALA 1517-88	510	H	4.82	41.1	11.6	.	.	.	.	.	.
DPL 0227	509	H	5.38	40.7	12.4	.	.	.	.	.	.
SS 9509	362	I	5.36	40.1	11.6	.	.	.	.	.	.
SS 9506	336	I	4.97	37.4	12.8	.	.	.	.	.	.
87 D3 - 24	238	J	4.25	31.1	13.6	.	.	.	.	.	.

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
GC 95-MS-1	.	.	.	.	.	.	.	1091	.	.	.
87 G3 - 27	.	.	.	.	.	.	.	1029	.	.	.
CA 3084	.	.	.	.	.	.	.	978	.	.	.
CBX 466	.	.	.	.	.	.	.	1015	.	.	.
HX 3368-69	.	.	.	.	.	.	.	984	.	.	.
DELTAPINE 50	.	.	.	.	.	.	.	1108	.	.	.

SS 9401	.	.	.	.	.	.	.	990	.	.	.
HX 06498	.	.	.	.	.	.	.	942	.	.	.
CBX 477	.	.	.	.	.	.	.	951	.	.	.
HX 03392	.	.	.	.	.	.	.	985	.	.	.
MD 51ne	.	.	.	.	.	.	.	881	.	.	.
DELTAPINE 90	.	.	.	.	.	.	.	925	.	.	.
GA 89-227	.	.	.	.	.	.	.	905	.	.	.
DO6-70-07	.	.	.	.	.	.	.	820	.	.	.
GA 89-41	.	.	.	.	.	.	.	816	.	.	.
ACALA 1517-88	.	.	.	.	.	.	.	732	.	.	.
DPL 0227	.	.	.	.	.	.	.	742	.	.	.
SS 9509	.	.	.	.	.	.	.	540	.	.	.
SS 9506	.	.	.	.	.	.	.	562	.	.	.
87 D3 - 24	.	.	.	.	.	.	.	529	.	.	.

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
GC 95-MS-1	.	.	.	.	.	.	.
87 G3 - 27	.	.	.	.	.	.	.
CA 3084	.	.	.	.	.	.	.
CBX 466	.	.	.	.	.	.	.
HX 3368-69	.	.	.	.	.	.	.
DELTAPINE 50	.	.	.	.	.	.	.
SS 9401	.	.	.	.	.	.	.
HX 06498	.	.	.	.	.	.	.
CBX 477	.	.	.	.	.	.	.
HX 03392	.	.	.	.	.	.	.
MD 51ne	.	.	.	.	.	.	.
DELTAPINE 90	.	.	.	.	.	.	.
GA 89-227	.	.	.	.	.	.	.
DO6-70-07	.	.	.	.	.	.	.
GA 89-41	.	.	.	.	.	.	.
ACALA 1517-88	.	.	.	.	.	.	.
DPL 0227	.	.	.	.	.	.	.
SS 9509	.	.	.	.	.	.	.
SS 9506	.	.	.	.	.	.	.
87 D3 - 24	.	.	.	.	.	.	.

BELLE MINA, AL

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CBX 466	700	A	4.19	40.1	9.0	146	1.14	0.56	238	8.3	4.50
CBX 477	671	B A	4.58	39.6	8.8	134	1.11	0.54	208	7.9	4.60
DELTAPINE 90	656	B A C	4.76	41.1	8.9	141	1.10	0.54	211	6.9	4.80
DPL 0227	651	DB A C	4.65	40.3	9.5	139	1.10	0.55	226	9.6	4.55
DELTAPINE 50	635	DB A C	5.56	40.1	9.6	121	1.10	0.53	195	7.9	5.05
MD 51ne	632	DB A C	4.98	39.9	9.1	149	1.12	0.55	244	8.0	4.70
SS 9506	632	DB A C	4.58	40.1	9.3	143	1.11	0.54	243	7.1	4.85
HX 3368-69	629	DB A C	4.70	39.7	8.9	142	1.08	0.54	225	7.3	5.15
GA 89-227	616	DB C	4.80	38.2	9.0	152	1.17	0.56	234	8.1	4.05
DO6-70-07	610	DB C	4.91	41.4	10.0	141	1.14	0.57	224	8.8	5.00
SS 9401	607	DB E C	5.13	39.6	9.6	136	1.12	0.53	225	7.0	4.75
HX 03392	605	DB E C	5.08	39.1	9.0	129	1.12	0.53	218	7.9	4.55
SS 9509	605	DB E C	5.10	40.2	9.2	128	1.12	0.54	216	8.0	4.80
GA 89-41	594	DB E C	5.26	40.0	9.9	147	1.10	0.53	234	7.1	4.50
GC 95-MS-1	584	D E C	4.57	39.8	9.2	138	1.13	0.54	219	7.0	4.40
HX 06498	571	D E	4.65	41.4	9.1	123	1.08	0.53	204	7.5	4.85
ACALA 1517-88	532	F E	4.53	39.6	10.0	166	1.16	0.57	259	5.8	4.30
87 G3 - 27	499	F	5.55	38.8	9.4	65	1.15	0.55	232	8.0	4.40
87 D3 - 24	428	G	4.92	40.2	10.5	141	1.14	0.56	229	8.9	4.80
CA 3084	294	H	5.59	34.1	12.1	71	1.17	0.56	259	6.5	0.00

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)

CBX 466	1.12	84.2	32.4	9.9	69.3	9.6	4.30	1027	19.95	3.66	0.87
CBX 477	1.10	83.1	29.6	9.6	65.8	8.9	4.55	912	20.68	3.84	0.72
DELTAPINE 90	1.07	82.9	32.6	9.8	70.0	9.5	4.60	904	21.31	3.78	0.83
DPL 0227	1.08	83.8	31.9	10.0	69.9	9.6	4.55	910	20.40	3.69	0.77
DELTAPINE 50	1.08	83.0	27.2	10.0	69.8	9.6	4.95	938	20.15	3.77	0.91
MD 51ne	1.12	84.0	33.9	9.9	70.5	9.9	4.70	942	20.17	3.72	0.72
SS 9506	1.11	83.7	33.6	10.0	68.6	9.3	4.90	924	20.91	3.95	0.64
HX 3368-69	1.11	83.6	31.8	10.0	68.9	9.4	5.10	960	21.04	3.79	0.82
GA 89-227	1.16	84.6	32.4	9.7	68.4	9.5	4.00	999	20.21	3.53	0.79
DO6-70-07	1.12	84.1	32.2	10.0	67.9	9.9	5.00	823	19.60	3.72	0.77
SS 9401	1.14	82.9	28.3	9.6	69.5	9.7	4.80	931	20.66	3.81	0.53
HX 03392	1.12	82.7	28.6	10.0	70.7	9.7	4.65	871	18.53	3.53	0.65
SS 9509	1.13	83.7	29.6	9.8	66.6	9.6	4.85	942	19.35	3.73	0.42
GA 89-41	1.09	82.9	31.6	9.7	67.0	9.5	4.35	930	19.14	3.78	0.45
GC 95-MS-1	1.12	83.0	29.5	9.8	68.5	9.5	4.20	949	18.21	3.88	0.55
HX 06498	1.07	82.6	27.3	9.9	70.1	9.9	5.00	846	19.04	3.84	0.44
ACALA 1517-88	1.16	84.2	33.0	9.7	70.1	9.9	4.05	814	20.65	3.88	0.57
87 G3 - 27	1.14	82.1	28.9	9.7	66.8	9.4	4.35	770	21.10	4.03	0.64
87 D3 - 24	1.15	83.0	31.6	10.0	67.2	10	4.80	654	19.51	4.02	0.48
CA 3084	1.17	84.1	36.1	9.7	68.3	9.7	4.40	533	17.04	3.79	0.51

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
CBX 466	467	31.3	1.79	82	48.13	3.99	2.6
CBX 477	444	30.5	1.77	83	50.15	4.37	2.7
DELTAPINE 90	429	21.8	1.59	89	46.57	4.20	2.9
DPL 0227	433	27.3	1.71	85	49.44	4.41	2.8
DELTAPINE 50	417	25.5	1.67	87	50.31	4.67	3.0
MD 51ne	427	25.0	1.66	87	48.78	4.41	2.9
SS 9506	418	21.0	1.57	90	47.20	4.36	3.0
HX 3368-69	407	26.0	1.68	86	51.90	4.95	3.0
GA 89-227	490	36.8	1.89	78	48.45	3.83	2.4
DO6-70-07	404	18.5	1.52	92	47.05	4.50	3.1
SS 9401	426	23.3	1.63	88	47.90	4.35	2.9
HX 03392	438	26.3	1.69	86	48.39	4.28	2.8
SS 9509	425	29.8	1.76	83	51.98	4.73	2.9
GA 89-41	467	32.0	1.80	81	48.46	4.01	2.6
GC 95-MS-1	468	29.8	1.76	83	47.12	3.89	2.6

HX 06498	407	22.0	1.59	89	49.24	4.68	3.1
ACALA 1517-88	475	28.3	1.73	84	45.68	3.72	2.6
87 G3 - 27	453	24.3	1.64	88	45.56	3.89	2.7
87 D3 - 24	424	28.0	1.72	85	50.80	4.62	2.9
CA 3084	450	21.5	1.59	90	44.23	3.80	2.8

KEISER, AR

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
DELTAPINE 50	778	A	4.92	35.1	.	135	1.14	0.57	192	7.8	5.35
DO6-70-07	757	B A	5.30	37.7	.	152	1.16	0.61	242	7.9	5.00
HX 06498	755	B A	4.65	39.9	.	137	1.13	0.60	228	7.6	5.25
SS 9509	705	B A	5.01	37.7	.	143	1.15	0.62	228	7.0	5.05
SS 9401	693	B A C	4.62	38.7	.	139	1.20	0.62	225	6.6	5.00
GC 95-MS-1	659	B D C	4.17	37.5	.	152	1.15	0.61	235	7.0	4.55
DPL 0227	606	E D C	4.27	36.9	.	153	1.14	0.60	246	7.8	4.80
CBX 477	602	FE D C	4.18	38.6	.	148	1.12	0.58	230	7.3	4.40
CBX 466	592	FE D	4.72	38.1	.	152	1.15	0.60	246	7.5	5.00
HX 3368-69	583	FE D	4.44	35.5	.	144	1.13	0.61	234	6.0	5.35
DELTAPINE 90	582	FE D	4.76	38.0	.	152	1.16	0.60	234	6.9	5.15
MD 51ne	564	FE D G	4.31	37.7	.	160	1.19	0.62	254	7.3	4.75
GA 89-227	560	FE D G	4.96	36.7	.	154	1.21	0.63	247	7.0	4.30
SS 9506	558	FE D G	4.88	37.9	.	150	1.17	0.61	238	6.8	4.70
HX 03392	529	FE H G	4.69	36.4	.	141	1.15	0.59	220	7.5	4.85
ACALA 1517-88	525	FE H G	4.49	35.8	.	173	1.17	0.63	255	6.3	4.75
87 G3 - 27	496	F H G	5.78	38.4	.	148	1.21	0.62	237	7.9	4.80
CA 3084	462	I H G	4.87	36.4	.	131	1.09	0.57	226	7.0	5.20
GA 89-41	454	I H	5.02	37.9	.	155	1.15	0.61	256	7.0	4.95
87 D3 - 24	391	I	4.87	36.4	.	161	1.20	0.63	259	9.8	4.85

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
DELTAPINE 50	1.13	86.9	27.8	10.0	76.2	7.2	5.45	1398	21.72	3.36	1.08
DO6-70-07	1.15	87.3	34.0	10.5	75.0	7.4	5.15	1234	21.47	3.54	1.13
HX 06498	1.13	86.3	29.5	10.0	75.6	7.0	5.20	1105	19.85	3.76	0.66
SS 9509	1.13	86.4	32.3	10.0	74.2	7.3	5.25	1012	21.96	3.77	0.79
SS 9401	1.16	86.3	32.4	10.0	76.2	7.4	5.05	1041	21.17	3.55	0.73
GC 95-MS-1	1.14	86.7	32.5	10.0	72.6	7.2	4.65	1096	20.29	3.66	1.07
DPL 0227	1.11	86.7	34.9	10.5	73.7	7.5	4.80	969	21.46	3.56	1.04
CBX 477	1.13	86.1	31.7	10.0	77.8	7.5	4.55	921	21.70	3.56	0.96
CBX 466	1.15	86.7	32.4	10.0	75.9	7.6	4.90	1002	20.36	3.54	0.94
HX 3368-69	1.10	86.2	34.4	10.0	74.3	7.7	5.40	1075	21.25	3.74	0.94
DELTAPINE 90	1.13	86.4	34.2	10.0	75.3	7.5	5.25	951	20.89	3.64	0.93
MD 51ne	1.17	86.9	35.2	10.5	76.4	7.7	4.75	808	19.94	3.72	0.99
GA 89-227	1.21	86.7	33.0	9.9	75.8	8.2	4.45	974	21.16	3.66	0.90
SS 9506	1.16	86.9	33.6	10.0	75.4	7.7	4.95	859	21.45	3.71	0.93
HX 03392	1.15	85.4	32.0	10.0	77.4	7.6	4.95	886	18.96	3.48	0.78
ACALA 1517-88	1.17	86.4	35.3	10.0	75.1	7.6	4.60	918	21.58	3.70	0.74
87 G3 - 27	1.23	86.7	31.3	10.0	73.9	7.8	4.75	772	21.87	4.00	0.93
CA 3084	1.05	85.0	32.6	10.0	74.4	8.0	5.25	739	21.77	3.83	0.84
GA 89-41	1.14	86.3	35.8	10.0	73.2	7.2	5.10	760	21.52	3.70	0.74
87 D3 - 24	1.20	87.3	37.4	11.0	73.3	8.5	4.85	573	20.01	3.90	0.66

VARIETY	Arealometer Data A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
DELTAPINE 50	394	19.0	1.52	92	48.47	4.76	3.2
DO6-70-07	409	18.0	1.50	93	46.16	4.36	3.1
HX 06498	399	16.0	1.45	94	45.73	4.42	3.2
SS 9509	388	18.5	1.52	93	49.05	4.88	3.3
SS 9401	414	24.3	1.64	88	49.81	4.66	3.0
GC 95-MS-1	405	18.3	1.51	93	46.99	4.51	3.1
DPL 0227	421	24.8	1.65	87	49.31	4.52	2.9
CBX 477	421	22.3	1.60	89	47.49	4.35	3.0
CBX 466	413	22.8	1.61	89	49.04	4.60	3.0

HX 3368-69	386	15.3	1.44	95	46.75	4.69	3.4
DELTAPINE 90	387	18.8	1.52	92	49.27	4.92	3.3
MD 51ne	443	26.5	1.68	86	47.25	4.12	2.8
GA 89-227	472	40.0	1.95	76	51.88	4.25	2.5
SS 9506	407	19.8	1.54	91	47.67	4.53	3.1
HX 03392	400	17.8	1.50	93	47.10	4.56	3.2
ACALA 1517-88	427	16.5	1.47	94	43.13	3.90	3.0
87 G3 - 27	435	20.8	1.57	90	45.24	4.02	2.9
CA 3084	375	20.8	1.56	91	52.42	5.41	3.4
GA 89-41	390	15.3	1.44	96	46.31	4.59	3.3
87 D3 - 24	427	28.5	1.73	84	50.99	4.62	2.9

1995 ARIZONA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

1995 ARIZONA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS COULD NOT BE STATISTICALLY EVALUATED.

LOCATIONS COMBINING VARIETIES

LOCATION	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
MARICOPA, AZ	1375	A	4.88	37.3	11.2	125	1.14	0.54	211	7.0	4.72
SAFFORD, AZ	996	B	5.26	37.9	10.7	133	1.14	0.53	212	7.5	4.21

LOCATION	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	Seed Data MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	Seed Data OIL (%)	Seed Data NITROGEN (%)	Seed Data FREE GOSSYPOL (%)
MARICOPA, AZ	1.14	82.5	29.7	9.8	73.9	8.2	4.68	2304	20.11	3.83	0.75
SAFFORD, AZ	1.15	82.0	30.4	9.9	75.6	8.5	4.17	1618	20.43	3.69	1.01

LOCATION	Arealometer Data A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
MARICOPA, AZ	431	23.3	1.62	88	47.21	4.24	2.9
SAFFORD, AZ	451	26.6	1.69	86	47.08	4.04	2.7

SAFFORD, AZ

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
DPL 5690	1369	A	4.85	38.5	10.0	135	1.12	0.52	216	6.6	4.30
DELTAPINE 90	1271	B A	5.08	38.0	10.0	126	1.13	0.52	212	7.1	4.45
OA 7	1197	B A C	4.76	40.3	.	127	1.15	0.55	188	7.9	4.25
CB 1233	1195	B A C	5.13	39.8	9.6	119	1.12	0.54	214	6.6	4.20
DP 5409	1121	DB A C	4.53	37.6	10.0	113	1.08	0.48	188	7.5	4.55
SUREGROW 501	1061	DBEA C	5.11	39.6	9.5	131	1.13	0.54	222	8.3	4.50
STV KC311	1055	DBEA C	5.09	36.8	9.7	143	1.15	0.53	214	7.5	3.75
S-1001	1041	DBEA C	5.04	37.8	10.0	142	1.15	0.53	234	7.4	3.85
HY 39	1021	DBEA C	4.78	39.0	9.1	135	1.16	0.53	212	7.3	4.15
STV LA 887	1004	DBEA C	5.69	40.1	11.6	125	1.11	0.50	203	8.0	4.35
CHEMBRED CBX1210	929	DBE C	5.83	36.4	11.0	145	1.19	0.56	232	6.5	4.25
STONEVILLE 1324	921	DBE C	5.15	37.7	12.1	130	1.13	0.52	197	7.1	4.15
DELTAPINE 50	910	DBE C	6.12	32.6	11.2	118	1.15	0.54	186	9.0	4.35
HS46	849	D E C	5.03	39.4	10.0	138	1.15	0.53	216	7.8	3.80
ACALA 1517-88	838	D E C	5.41	36.8	11.5	143	1.17	0.53	222	7.0	4.10
GC 717	837	D E C	5.22	40.5	11.2	157	1.17	0.57	244	7.3	3.70
H 1220	830	D E C	5.20	39.0	11.3	124	1.15	0.56	196	7.5	4.40
H 1244 HARTZ	783	D E	5.13	38.9	11.5	124	1.14	0.55	194	7.3	4.25
GC 9003	698	E	5.92	35.6	12.2	154	1.14	0.54	252	6.6	4.30
PAYMASTER HS 26	.		6.20	33.8	12.0	126	1.07	0.54	205	9.1	4.55

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	Seed Data OIL (%)	Seed Data NITROGEN (%)	Seed Data FREE GOSSYPOL (%)
DPL 5690	1.13	81.7	31.1	9.9	75.9	8.4	4.15	2194	21.25	3.66	1.07
DELTAPINE 90	1.16	81.7	30.9	10.0	75.3	8.6	4.40	2079	21.35	3.70	1.13
OA 7	1.14	82.7	29.1	10.0	76.5	8.5	4.20	1786	20.48	3.65	0.90
CB 1233	1.13	81.7	30.9	9.9	76.3	8.4	4.25	1805	20.99	3.59	1.05
DP 5409	1.10	79.6	27.7	10.0	76.7	8.4	4.45	1853	20.27	3.76	1.07

SUREGROW 501	1.12	81.9	30.4	10.0	74.0	8.4	4.45	1607	18.83	3.69	1.14
STV KC311	1.17	82.4	32.0	10.0	75.9	8.5	3.75	1819	19.99	3.66	0.90
S-1001	1.18	82.0	31.1	9.9	76.2	8.6	3.90	1714	20.29	3.60	1.04
HY 39	1.18	81.9	30.1	9.8	75.8	8.4	4.20	1596	20.54	3.56	0.99
STV LA 887	1.15	81.6	29.5	10.0	74.5	9.4	4.30	1506	20.00	3.63	0.92
CHEMBRED CBX1210	1.18	81.6	32.1	10.0	75.9	8.3	4.25	1625	21.33	3.70	0.83
STONEVILLE 1324	1.16	82.3	29.2	9.5	74.8	8.8	4.15	1521	19.76	3.81	1.07
DELTAPINE 50	1.14	81.4	26.1	10.0	75.3	8.1	4.35	1876	19.92	3.68	1.09
HS46	1.15	81.0	29.8	9.8	76.7	8.7	3.75	1300	19.69	3.57	1.12
ACALA 1517-88	1.18	82.5	32.9	9.7	74.0	8.8	3.95	1432	21.00	3.79	0.96
GC 717	1.17	84.1	32.0	10.0	75.7	8.3	3.65	1236	19.46	4.01	0.78
H 1220	1.15	83.0	28.8	9.9	76.3	8.8	4.30	1300	20.51	3.69	1.24
H 1244 HARTZ	1.14	82.5	29.6	9.9	74.7	8.7	4.15	1229	20.69	3.56	1.24
GC 9003	1.13	82.7	36.0	10.0	75.7	8.5	4.15	1259	21.21	4.01	0.58
PAYMASTER HS 26	1.09	82.5	29.8	10.0	75.3	8.3	4.60	.	21.14	3.51	1.09

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
DPL 5690	.	.	.	.	.	.	.
DELTAPINE 90	452	22.3	1.60	89	44.42	3.80	2.8
OA 7	.	.	.	.	.	.	.
CB 1233	.	.	.	.	.	.	.
DP 5409	.	.	.	.	.	.	.
SUREGROW 501	.	.	.	.	.	.	.
STV KC311	.	.	.	.	.	.	.
S-1001	.	.	.	.	.	.	.
HY 39	.	.	.	.	.	.	.
STV LA 887	.	.	.	.	.	.	.
CHEMBRED CBX1210	.	.	.	.	.	.	.
STONEVILLE 1324	.	.	.	.	.	.	.
DELTAPINE 50	449	34.0	1.84	80	51.44	4.43	2.7
HS46	.	.	.	.	.	.	.
ACALA 1517-88	476	26.8	1.69	86	44.75	3.63	2.6
GC 717	.	.	.	.	.	.	.
H 1220	.	.	.	.	.	.	.
H 1244 HARTZ	.	.	.	.	.	.	.
GC 9003	.	.	.	.	.	.	.
PAYMASTER HS 26	428	23.5	1.63	88	47.72	4.30	2.9

MARICOPA, AZ

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
SG 125	1671	A	4.70	40.8	10.6	103	1.10	0.52	183	7.3	4.70
HY 39	1604	B A	4.78	36.7	11.6	132	1.17	0.55	213	6.3	4.65
DELTAPINE 5415	1568	B A C	4.40	38.6	10.3	117	1.14	0.53	212	7.1	5.00
HS 44	1566	DB A C	4.78	37.5	10.3	128	1.16	0.52	214	6.8	4.85
HS46	1547	DB A C	4.81	37.4	10.6	141	1.16	0.54	219	6.9	4.30
STV LA 887	1539	DB A C	5.81	39.6	11.2	123	1.15	0.55	211	7.3	4.60
DELTAPINE 90	1521	DB A C	4.71	37.2	10.5	130	1.16	0.56	234	6.9	4.85
CHEMBRED 232	1504	DB A C	4.81	35.8	10.7	111	1.13	0.53	196	7.4	4.75
CB 1233	1462	DBEA C	4.85	37.2	11.7	134	1.15	0.55	213	7.0	4.55
DELTAPINE 50	1451	DBEA C	4.94	35.0	11.3	102	1.11	0.52	190	8.4	4.85
SS 9202	1450	DBEA C	4.80	37.5	10.6	129	1.16	0.56	220	5.9	4.70
STV 474	1376	DBEA C	4.61	41.2	10.6	119	1.11	0.53	200	6.9	5.05
OA 44	1361	DBE C	4.83	35.5	12.2	123	1.14	0.55	216	5.8	5.30
H 1220	1298	D EF C	5.11	38.8	12.6	118	1.14	0.56	187	8.5	4.65
H 1244 HARTZ	1290	D EF C	5.10	38.6	11.8	121	1.10	0.53	194	7.6	4.55
SS 9505	1270	D EF	5.25	36.3	11.4	136	1.15	0.55	227	6.0	4.70
OA 50	1173	GEF	4.90	35.2	11.0	123	1.16	0.54	199	7.0	4.70
SUREGROW 501	1054	G F H	4.48	37.9	10.6	142	1.15	0.56	236	7.1	4.75
ACALA 1517-88	933	G H	4.63	34.6	11.9	146	1.16	0.55	235	6.5	4.20
PAYMASTER HS 26	859	H	5.35	35.4	12.4	125	1.08	0.53	229	8.0	4.70

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	Colorimeter E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	Seed Data OIL (%)	Seed Data NITROGEN (%)	Seed Data FREE GOSSYPOL (%)

SG 125	1.11	81.9	24.5	10.0	74.9	8.9	4.70	2425	19.97	3.88	0.52
HY 39	1.19	82.8	32.0	9.5	71.8	8.2	4.55	2766	20.88	3.77	0.71
DELTAPINE 5415	1.12	81.9	29.2	10.0	75.5	8.0	5.10	2495	17.67	3.66	0.66
HS 44	1.15	81.4	30.2	9.8	74.3	7.9	4.85	2615	19.50	3.58	0.62
HS46	1.15	82.2	32.7	9.7	75.3	8.4	4.35	2587	20.26	3.80	0.78
STV LA 887	1.15	82.8	30.7	9.9	73.1	9.0	4.50	2344	20.55	3.84	0.72
DELTAPINE 90	1.15	82.6	33.2	9.7	74.1	8.0	4.80	2568	20.59	3.83	0.85
CHEMBRED 232	1.12	81.6	27.1	9.8	75.4	8.0	4.65	2699	20.15	3.70	0.90
CB 1233	1.16	82.6	30.3	9.8	74.8	8.0	4.55	2475	20.68	3.79	0.80
DELTAPINE 50	1.12	81.7	25.2	9.7	76.2	7.9	4.80	2691	20.28	3.64	0.66
SS 9202	1.17	83.0	31.8	9.6	73.1	8.1	4.70	2427	21.17	3.85	0.78
STV 474	1.09	82.1	27.6	9.9	73.8	8.8	5.05	1960	19.73	4.09	0.83
OA 44	1.12	83.6	30.0	9.7	71.8	8.0	5.25	2478	19.99	3.62	0.75
H 1220	1.13	83.8	27.8	10.0	74.3	8.5	4.55	2045	19.78	4.15	1.02
H 1244 HARTZ	1.10	82.8	27.1	9.9	74.3	8.3	4.25	2054	20.32	4.06	1.01
SS 9505	1.18	82.6	31.4	9.5	73.7	8.4	4.65	2241	20.86	3.95	0.55
OA 50	1.15	81.7	27.2	9.9	73.6	8.6	4.70	2163	20.47	3.87	0.91
SUREGROW 501	1.15	83.3	31.3	10.0	73.4	8.9	4.90	1728	18.89	3.87	0.74
ACALA 1517-88	1.19	82.4	32.4	9.6	71.7	8.1	4.05	1758	20.02	3.92	0.60
PAYMASTER HS 26	1.08	83.0	32.6	10.0	72.4	7.6	4.60	1566	20.57	3.79	0.69

Arealometer Data

VARIETY	A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/inch)	t (microns)
SG 125	.	.	.	.	.	.	.
HY 39	.	.	.	.	.	.	.
DELTAPINE 5415	.	.	.	.	.	.	.
HS 44	.	.	.	.	.	.	.
HS46	.	.	.	.	.	.	.
STV LA 887	.	.	.	.	.	.	.
DELTAPINE 90	418	20.0	1.55	91	46.56	4.30	3.0
CHEMBRED 232	.	.	.	.	.	.	.
CB 1233	.	.	.	.	.	.	.
DELTAPINE 50	415	23.0	1.62	89	48.94	4.56	3.0
SS 9202	.	.	.	.	.	.	.
STV 474	.	.	.	.	.	.	.
OA 44	.	.	.	.	.	.	.
H 1220	.	.	.	.	.	.	.

H 1244 HARTZ	.	.	.	.	.	.	.
SS 9505	.	.	.	.	.	.	.
OA 50	.	.	.	.	.	.	.
SUREGROW 501	.	.	.	.	.	.	.
ACALA 1517-88	464	24.8	1.65	87	44.82	3.74	2.7
PAYMASTER HS 26	430	25.3	1.66	87	48.51	4.36	2.9

1995 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

1995 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
OA 304	850	A	2.97	34.4	12.7	195	1.42	0.64	329	7.4	3.85
CONQUISTADOR	843	A	3.14	36.4	13.1	198	1.39	0.65	328	7.5	3.84
PIMA S-7	800	B A	3.29	36.8	13.5	198	1.38	0.65	325	7.5	3.95
CHANEY RANCH 253	763	B A C	2.88	34.4	13.1	192	1.41	0.66	318	7.1	3.93
DPL 9911	649	B C	3.36	37.3	13.7	189	1.38	0.64	296	8.3	3.94
PIMA S-6	631	B C	3.09	37.9	14.0	185	1.36	0.64	303	8.2	3.98
CHANEY RANCH 252	628	B C	3.53	36.4	14.3	189	1.39	0.66	306	8.0	3.90
ORO BLANCO	597	C	3.47	37.3	13.9	187	1.38	0.65	303	8.1	3.89

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						Seed Data				
	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
OA 304	1.36	86.9	41.6	10.3	66.3	12	3.85	1635	23.99	4.19	0.88
CONQUISTADOR	1.35	86.3	46.0	10.6	65.3	12	3.79	1543	21.98	3.85	0.82
PIMA S-7	1.35	86.5	44.5	10.4	65.7	12	3.83	1456	21.66	3.92	0.75
CHANEY RANCH 253	1.37	87.1	42.9	10.3	65.5	12	3.83	1465	21.29	3.84	0.72
DPL 9911	1.34	86.7	41.1	10.6	64.1	12	3.83	1129	21.69	4.00	0.72
PIMA S-6	1.33	86.2	39.8	10.4	64.1	12	3.88	1071	22.24	3.97	0.66
CHANEY RANCH 252	1.35	86.5	41.7	10.5	65.1	12	3.76	1091	21.37	3.90	0.64
ORO BLANCO	1.35	86.7	41.6	10.6	64.8	12	3.80	1039	21.06	3.94	0.74

BOLL SIZE, GRAM PER BOLL		
CHANEY RANCH 252	3.53	A
ORO BLANCO	3.47	B A
DPL 9911	3.36	B C
PIMA S-7	3.29	C
CONQUISTADOR	3.14	D
PIMA S-6	3.09	E D
OA 304	2.97	E F
CHANEY RANCH 253	2.88	F

YARN TENACITY		
PIMA S-7	198	A
CONQUISTADOR	198	A
OA 304	195	B A
CHANEY RANCH 253	192	B A
DPL 9911	189	B C
CHANEY RANCH 252	189	B C
ORO BLANCO	187	B C
PIMA S-6	185	C

LINT PERCENT		
PIMA S-6	37.9	A
ORO BLANCO	37.3	B A
DPL 9911	37.3	B A
PIMA S-7	36.8	B A
CHANEY RANCH 252	36.4	B
CONQUISTADOR	36.4	B
CHANEY RANCH 253	34.4	C
OA 304	34.4	C

FIBROGRAPH--2.5% S. L.		
OA 304	1.42	A
CHANEY RANCH 253	1.41	B A
CONQUISTADOR	1.39	B A C

SEED INDEX		
CHANEY RANCH 252	14.3	A
PIMA S-6	14.0	B A
ORO BLANCO	13.9	B A

FIBROGRAPH--50% S. L.		
CHANEY RANCH 252	0.66	A
CHANEY RANCH 253	0.66	A
PIMA S-7	0.65	A

CHANEY RANCH 252	1.39	B A C
PIMA S-7	1.38	B D C
ORO BLANCO	1.38	B D C
DPL 9911	1.38	D C
PIMA S-6	1.36	D

DPL 9911	13.7	B A C
PIMA S-7	13.5	B C
CHANEY RANCH 253	13.1	D C
CONQUISTADOR	13.1	D C
OA 304	12.7	D

ORO BLANCO	0.65	A
CONQUISTADOR	0.65	A
PIMA S-6	0.64	A
OA 304	0.64	A
DPL 9911	0.64	A

STELOMETER - T1

OA 304	329	A
CONQUISTADOR	328	A
PIMA S-7	325	A
CHANEY RANCH 253	318	B A
CHANEY RANCH 252	306	B C
ORO BLANCO	303	B C
PIMA S-6	303	B C
DPL 9911	296	C

2.5% S.L. (INCHES)

CHANEY RANCH 253	1.37	A
OA 304	1.36	A
PIMA S-7	1.35	B A
ORO BLANCO	1.35	B A
CONQUISTADOR	1.35	B A
CHANEY RANCH 252	1.35	B A
DPL 9911	1.34	B
PIMA S-6	1.33	B

STELOMETER - E1

DPL 9911	8.3	A
PIMA S-6	8.2	A
ORO BLANCO	8.1	B A
CHANEY RANCH 252	8.0	B A
PIMA S-7	7.5	B A C
CONQUISTADOR	7.5	B A C
OA 304	7.4	B C
CHANEY RANCH 253	7.1	C

UR (PERCENT)

CHANEY RANCH 253	87.1	A
OA 304	86.9	A
ORO BLANCO	86.7	A
DPL 9911	86.7	A
CHANEY RANCH 252	86.5	A
PIMA S-7	86.5	A
CONQUISTADOR	86.3	A
PIMA S-6	86.2	A

MICRONAIRE

PIMA S-6	3.98	A
PIMA S-7	3.95	A
DPL 9911	3.94	A
CHANEY RANCH 253	3.93	A
CHANEY RANCH 252	3.90	A
ORO BLANCO	3.89	A
OA 304	3.85	A
CONQUISTADOR	3.84	A

STRENGTH (G/TEX)

CONQUISTADOR	46.0	A
PIMA S-7	44.5	BA
CHANEY RANCH 253	42.9	BA C
CHANEY RANCH 252	41.7	B C
OA 304	41.6	B C
ORO BLANCO	41.6	B C
DPL 9911	41.1	B C
PIMA S-6	39.8	C

E

ORO BLANCO	10.6	A
CONQUISTADOR	10.6	A
DPL 9911	10.6	A
CHANEY RANCH 252	10.5	A
PIMA S-6	10.4	A
PIMA S-7	10.4	A
OA 304	10.3	A
CHANEY RANCH 253	10.3	A

MICRONAIRE (SL-HVI)

PIMA S-6	3.88	A
OA 304	3.85	A
PIMA S-7	3.83	A
CHANEY RANCH 253	3.83	A
DPL 9911	3.83	A
ORO BLANCO	3.80	A
CONQUISTADOR	3.79	A
CHANEY RANCH 252	3.76	A

COLORIMETER - Rd

OA 304	66.3	A
PIMA S-7	65.7	B A
CHANEY RANCH 253	65.5	B A
CONQUISTADOR	65.3	B A
CHANEY RANCH 252	65.1	B A
ORO BLANCO	64.8	B A
DPL 9911	64.1	B
PIMA S-6	64.1	B

OIL (PERCENT)

OA 304	23.99	A
PIMA S-6	22.24	B
CONQUISTADOR	21.98	C B
DPL 9911	21.69	C B D
PIMA S-7	21.66	C B D
CHANEY RANCH 252	21.37	C D
CHANEY RANCH 253	21.29	C D
ORO BLANCO	21.06	D

FREE GOSSYPOL (PERCENT)

OA 304	0.88	A
CONQUISTADOR	0.82	B A
PIMA S-7	0.75	B A
ORO BLANCO	0.74	B A
CHANEY RANCH 253	0.72	B A
DPL 9911	0.72	B A
PIMA S-6	0.66	B
CHANEY RANCH 252	0.64	B

COLORIMETER - b

PIMA S-6	12	A
ORO BLANCO	12	A
CONQUISTADOR	12	B A
CHANEY RANCH 252	12	B A
DPL 9911	12	B A
PIMA S-7	12	B A
OA 304	12	B A
CHANEY RANCH 253	12	B

NITROGEN (PERCENT)

OA 304	4.19	A
DPL 9911	4.00	B
PIMA S-6	3.97	B
ORO BLANCO	3.94	B
PIMA S-7	3.92	B
CHANEY RANCH 252	3.90	B
CONQUISTADOR	3.85	B
CHANEY RANCH 253	3.84	B

SEED YIELD (LB/ACRE)

OA 304	1634	A
CONQUISTADOR	1543	A
CHANEY RANCH 253	1465	A
PIMA S-7	1456	A
DPL 9911	1128	B
CHANEY RANCH 252	1090	B
PIMA S-6	1070	B
ORO BLANCO	1038	B

LOCATIONS COMBINING VARIETIES

LOCATION	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
SHAFTER, CA	806	A	3.16	36.9	13.4	191	1.32	0.63	333	7.8	3.77
MARICOPA, AZ	784	A	3.04	34.8	12.9	184	1.40	0.65	302	7.5	3.84
SAFFORD, AZ	775	A	3.08	37.5	12.9	197	1.40	0.65	321	7.9	3.85
LAS CRUCES, NM	703	A	.	37.8	.	.	.	.	.	.	.
W SIDE FIELD STATION, CA	510	B	3.88	35.8	15.8	193	1.41	0.67	293	8.3	4.23

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						Seed Data			
LOCATION	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
SHAFTER, CA	1.29	85.1	41.1	10.3	65.6	12	3.65	1490	23.41	4.02	0.76
MARICOPA, AZ	1.35	86.4	40.7	10.1	66.5	12	3.76	1483	22.57	4.03	0.67
SAFFORD, AZ	1.37	87.2	44.0	10.6	64.6	12	3.84	1299	22.36	4.07	0.82
LAS CRUCES, NM	.	.	.	.	.	.	.	1157	17.55	3.53	0.47
W SIDE FIELD STATION, CA	1.37	87.3	43.8	11.0	62.8	12	4.02	916	23.18	4.03	0.98

SUBREGIONAL SUMMARY COMBINING SHAFTER, CA W SIDE FIELD STATION, CA

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CONQUISTADOR	765	A	3.26	35.5	13.9	198	1.38	0.65	325	8.0	3.90
PIMA S-7	757	A	3.50	35.8	14.6	196	1.37	0.65	326	7.7	4.00
PIMA S-6	628	A	3.29	38.1	14.7	182	1.34	0.65	299	8.3	4.18
DPL 9911	620	A	3.54	36.5	14.6	190	1.36	0.64	301	8.3	4.03
CHANEY RANCH 252	617	A	3.77	35.6	15.2	192	1.38	0.65	319	8.0	4.00
ORO BLANCO	561	A	3.75	36.7	14.6	192	1.36	0.64	309	8.1	3.88

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data -------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CONQUISTADOR	1.34	85.9	45.6	10.8	63.7	12	3.73	1420	23.81	3.89	0.95
PIMA S-7	1.34	86.4	43.7	10.5	64.8	12	3.83	1464	23.30	3.96	0.92
PIMA S-6	1.31	85.8	39.5	10.5	63.5	12	4.00	1090	23.66	4.09	0.86
DPL 9911	1.32	86.5	41.8	11.0	64.8	12	3.90	1134	23.23	4.10	0.87
CHANEY RANCH 252	1.34	86.2	42.6	10.5	64.6	12	3.75	1090	23.14	4.09	0.73
ORO BLANCO	1.33	86.6	41.6	10.8	64.0	12	3.80	1018	22.66	4.01	0.90

SUBREGIONAL SUMMARY COMBINING LAS CRUCES, NM MARICOPA, AZ SAFFORD, AZ

VARIETIES COMBINING LOCATIONS

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CONQUISTADOR	948	A	3.03	37.0	12.3	197	1.40	0.66	331	7.1	3.78
PIMA S-7	858	B A	3.08	37.4	12.5	199	1.40	0.64	325	7.4	3.90
OA 304	850	B A	2.97	34.4	12.7	195	1.42	0.64	329	7.4	3.85
CHANEY RANCH 253	763	B A	2.88	34.4	13.1	192	1.41	0.66	318	7.1	3.93
DPL 9911	688	B	3.17	37.8	12.9	188	1.40	0.64	291	8.3	3.85
ORO BLANCO	645	B	3.20	37.8	13.3	183	1.41	0.66	298	8.1	3.90
CHANEY RANCH 252	643	B	3.30	37.0	13.3	185	1.41	0.66	293	7.9	3.80
PIMA S-6	636	B	2.88	37.7	13.4	187	1.38	0.64	307	8.1	3.78

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CONQUISTADOR	1.37	86.8	46.4	10.5	66.8	12	3.85	1625	20.77	3.83	0.73
PIMA S-7	1.36	86.6	45.4	10.3	66.5	12	3.83	1451	20.57	3.90	0.64
OA 304	1.36	86.9	41.6	10.3	66.3	12	3.85	1635	23.99	4.19	0.88
CHANEY RANCH 253	1.37	87.1	42.9	10.3	65.5	12	3.83	1465	21.29	3.84	0.72
DPL 9911	1.36	86.9	40.3	10.3	63.4	12	3.75	1125	20.66	3.93	0.63
ORO BLANCO	1.37	86.8	41.6	10.5	65.7	12	3.80	1053	19.99	3.89	0.63
CHANEY RANCH 252	1.37	86.9	40.7	10.5	65.7	12	3.78	1091	20.19	3.78	0.58
PIMA S-6	1.35	86.6	40.1	10.3	64.7	13	3.75	1058	21.30	3.89	0.54

SHAFTER, CA

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CHANEY RANCH 252	869	A	3.38	36.2	14.0	191	1.33	0.65	343	7.5	3.70
CONQUISTADOR	865	A	2.92	35.7	12.8	196	1.33	0.63	348	7.8	3.60
DPL 9911	837	B A	3.17	37.3	13.6	191	1.33	0.63	315	7.8	3.80
PIMA S-7	778	B C	3.12	35.9	13.0	195	1.31	0.63	354	7.5	3.70
PIMA S-6	756	C	2.93	38.8	13.2	179	1.30	0.62	313	8.1	3.90
ORO BLANCO	732	C	3.44	37.4	13.9	192	1.31	0.60	326	8.0	3.90

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)							Seed Data			
VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CHANEY RANCH 252	1.30	85.3	41.8	10.5	66.5	12	3.60	1546	23.32	4.11	0.75
CONQUISTADOR	1.29	84.3	41.4	10.0	65.5	12	3.50	1676	23.76	3.96	0.79
DPL 9911	1.29	85.3	42.2	11.0	67.1	12	3.70	1550	23.11	4.07	0.64
PIMA S-7	1.30	85.3	41.8	10.0	65.4	12	3.60	1560	23.79	3.92	0.83
PIMA S-6	1.28	85.0	39.4	10.0	64.8	12	3.70	1314	23.92	4.10	0.86
ORO BLANCO	1.31	85.8	40.1	10.5	64.7	12	3.80	1292	22.59	3.96	0.69

W SIDE FIELD STATION, CA

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)

PIMA S-7	736	A	3.89	35.7	16.2	197	1.43	0.68	298	7.9	4.30
CONQUISTADOR	665	A	3.59	35.3	15.0	200	1.43	0.67	302	8.3	4.20
PIMA S-6	500	B	3.66	37.3	16.2	186	1.37	0.67	285	8.5	4.45
DPL 9911	404	C	3.91	35.7	15.6	189	1.38	0.66	287	8.8	4.25
ORO BLANCO	390	C	4.05	36.0	15.3	193	1.40	0.68	291	8.1	3.85
CHANEY RANCH 252	365	C	4.16	35.1	16.5	193	1.43	0.66	295	8.5	4.30

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
PIMA S-7	1.38	87.6	45.6	11.0	64.2	12	4.05	1368	22.81	4.00	1.01
CONQUISTADOR	1.39	87.5	49.7	11.5	61.9	12	3.95	1165	23.85	3.81	1.11
PIMA S-6	1.35	86.6	39.5	11.0	62.2	13	4.30	866	23.40	4.08	0.85
DPL 9911	1.36	87.7	41.4	11.0	62.6	12	4.10	718	23.36	4.14	1.11
ORO BLANCO	1.36	87.4	43.2	11.0	63.3	12	3.80	743	22.73	4.07	1.11
CHANEY RANCH 252	1.37	87.0	43.4	10.5	62.7	12	3.90	634	22.95	4.08	0.72

LAS CRUCES, NM

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CONQUISTADOR	854	A	.	37.4	.	.	.	.	.	.	.
PIMA S-7	805	A	.	39.3	.	.	.	.	.	.	.
ORO BLANCO	721	A	.	38.2	.	.	.	.	.	.	.
CHANEY RANCH 253	701	A	.	36.2	.	.	.	.	.	.	.
DPL 9911	684	A	.	38.8	.	.	.	.	.	.	.
CHANEY RANCH 252	668	A	.	38.5	.	.	.	.	.	.	.
OA 304	656	A	.	35.7	.	.	.	.	.	.	.

PIMA S-6	534	A	.	38.6	.	.	.	.	.	.	.

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CONQUISTADOR	.	.	.	.	.	.	.	1432	17.15	3.52	0.44
PIMA S-7	.	.	.	.	.	.	.	1244	18.55	3.60	0.48
ORO BLANCO	.	.	.	.	.	.	.	1168	16.76	3.54	0.49
CHANEY RANCH 253	.	.	.	.	.	.	.	1244	18.56	3.57	0.52
DPL 9911	.	.	.	.	.	.	.	1077	17.26	3.51	0.42
CHANEY RANCH 252	.	.	.	.	.	.	.	1068	16.22	3.47	0.45
OA 304	.	.	.	.	.	.	.	1172	.	.	.
PIMA S-6	.	.	.	.	.	.	.	849	18.32	3.53	0.50

SAFFORD, AZ

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	Digital Fibrograph 50% S.L. (inches)	Stelometer T1 (mN/tex)	Stelometer E1 (%)	MICRONAIRE (Reading)
CONQUISTADOR	946	A	3.07	38.7	12.5	201	1.39	0.66	347	6.6	3.80
OA 304	928	B A	3.04	34.9	13.0	204	1.43	0.65	330	7.8	3.90
DPL 9911	804	B A C	3.23	39.1	12.7	192	1.39	0.64	298	8.5	3.90
PIMA S-7	803	B A C	3.21	37.8	12.7	204	1.39	0.64	334	8.3	3.85
ORO BLANCO	739	B C	3.16	39.9	13.5	193	1.43	0.67	312	8.1	4.00
CHANEY RANCH 252	737	B C	3.22	37.3	13.1	194	1.40	0.67	303	8.1	3.75
PIMA S-6	627	C	2.89	38.7	13.4	193	1.36	0.63	308	8.5	3.80
CHANEY RANCH 253	619	C	2.84	33.4	12.7	199	1.42	0.67	337	7.1	3.80

VARIETY	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. UNIFORMITY (inches)	(%)	STRENGTH (g/tex)	E	Colorimeter Rd	Hunter's b	MICRONAIRE (Reading)	Seed Data YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CONQUISTADOR	1.38	87.4	48.9	11.0	66.0	12	3.90	1502	22.16	3.95	1.05
OA 304	1.39	88.2	43.3	10.5	64.8	12	3.95	1734	24.43	4.17	0.97
DPL 9911	1.37	87.3	40.5	10.0	62.8	12	3.85	1249	22.09	4.13	0.83
PIMA S-7	1.36	86.5	45.3	10.5	65.6	12	3.80	1324	21.32	4.13	0.80
ORO BLANCO	1.39	88.0	45.4	11.0	65.5	12	3.95	1113	21.94	4.09	0.85
CHANEY RANCH 252	1.37	87.4	42.8	11.0	65.0	12	3.75	1239	22.26	4.21	0.69
PIMA S-6	1.35	86.3	40.4	10.5	63.4	13	3.85	991	22.38	4.00	0.41
CHANEY RANCH 253	1.38	86.9	45.6	10.5	63.9	12	3.70	1241	22.36	3.91	0.98

MARICOPA, AZ

VARIETY	LINT YIELD (lb/acre)		BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/tex)	Digital Fibrograph 2.5% S.L. (inches)	50% S.L. (inches)	Stelometer T1 (mN/tex)	E1 (%)	MICRONAIRE (Reading)
CONQUISTADOR	1045	A	2.99	35.0	12.0	193	1.40	0.66	315	7.5	3.75
CHANEY RANCH 253	970	A	2.93	33.6	13.5	186	1.40	0.65	298	7.1	4.05
PIMA S-7	967	A	2.95	35.1	12.3	195	1.41	0.65	316	6.5	3.95
OA 304	966	A	2.90	32.6	12.4	186	1.40	0.64	328	7.0	3.80
PIMA S-6	748	B	2.88	35.9	13.4	182	1.39	0.65	305	7.6	3.75
DPL 9911	577	C B	3.11	35.5	13.1	184	1.40	0.65	283	8.0	3.80
CHANEY RANCH 252	524	C	3.38	35.2	13.6	177	1.41	0.65	283	7.8	3.85
ORO BLANCO	475	C	3.24	35.2	13.0	172	1.39	0.65	284	8.1	3.80

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) ---------- Seed Data --------

VARIETY	2.5% S.L. (inches)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Colorimeter Rd	Colorimeter Hunter's b	MICRONAIRE (Reading)	YIELD (lb/acre)	OIL (%)	NITROGEN (%)	FREE GOSSYPOL (%)
CONQUISTADOR	1.35	86.2	44.0	10.0	67.7	12	3.80	1942	23.01	4.02	0.72
CHANEY RANCH 253	1.35	87.3	40.1	10.0	67.1	11	3.95	1911	22.96	4.05	0.67
PIMA S-7	1.37	86.7	45.5	10.0	67.5	12	3.85	1785	21.84	3.98	0.65
OA 304	1.34	85.7	39.9	10.0	67.8	12	3.75	1998	23.56	4.20	0.78
PIMA S-6	1.36	86.9	39.8	10.0	66.0	13	3.65	1334	23.20	4.15	0.70
DPL 9911	1.35	86.4	40.2	10.5	64.1	12	3.65	1050	22.65	4.15	0.63
CHANEY RANCH 252	1.36	86.4	38.7	10.0	66.4	12	3.80	966	22.09	3.66	0.62
ORO BLANCO	1.35	85.7	37.8	10.0	66.0	13	3.65	876	21.28	4.04	0.56

Thank you for your interest in the ongoing work of the National Cotton Variety Test Program.

Any questions or comments may be sent to ekeene@ars.usda.gov

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