2009 National Cotton Variety Test

Crop Genetics Research Unit
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Any time you see the cotton boll photograph as shown here, you may click on it to return to the top of the document.

National Cotton Variety Tests, 2009
Yield, Boll, Seed, Spinning and Data

Compiled by:

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Program Headquarters are located in the Crop Genetics 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,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.

National Cotton Variety Tests, 2009.

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

Issued November, 2010.

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United States Department of Agriculture
Agricultural Research Service
Crop Genetics Research Unit

P.O. Box 345
Stoneville, MS 38776

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Acknowledgments

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Alabama	--	K. Glass
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South Carolina	--	T. Campbell (USDA-ARS)
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-- DELTA AND PINE LAND COMPANY;

FM 9058F

-- FIBERMAX SEED COMPANY;

PHY 375WRF AND PHY 72

-- PHYTOGEN SEED COMPANY; AND

STONEVILLE 4554B2RF

-- STONEVILLE PEDIGREED SEED COMPANY

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(As of January 2002)

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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 - 2009
Yield Archive File	1960 - 2009
Fiber Quality Archive File	1960 - 2009
Pima Combed Yarn Archive File	1962 - 2009

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 fifteenth 3-year testing cycle, beginning in 2002, the national standards were Acala 1517-99, All Tex Atlas, DP 458 B/R, and Stoneville 4892 B/R. 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 1994, 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 1996, results of the Regional Project S-205 Regional Bollworm-Budworm Tests and the Regional Short Season 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. These results are no longer provided to the National Cotton Variety Testing staff.

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
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 (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	Pecos, TX

High Quality Regional Cotton Variety Test

Alabama Agricultural Experiment Station	
Tennessee Valley Substation	Belle Mina, AL
Arkansas Agricultural Experiment Station	
Delta Substation	Keiser, AR Portageville, MO
Clemson University	
Pee Dee Experiment Station	Florence, SC
Georgia Agricultural Experiment Station	
Louisiana Agricultural Experiment Station	
Red River Valley Experiment Station	Bossier City, LA
Mississippi Agricultural and Forestry Experiment Station	
Delta Branch	Stoneville, MS
Texas A&M University	
Texas Agricultual Experiment Station	College Station, TX
Safford, AZ	
Agricultural Research and Extension Center	Lubbock, TX

Pima Regional Cotton Variety Test

Arizona Agricultural Experiment Station	
Cotton Research Center	Maricopa, AZ
Agricultural Research and Extension 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:

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:

(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:

(t) Wall thickness in microns calculated from:

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

San Joaquin Region Test Results:

No tests were conducted in the San Joqauin Region for 2009.

Cotton varieties tested in the 2009 National Cotton Variety Tests:

VARIETY	TESTED IN REGION(S)
06NMM010B2RF	HIGH QUALITY
06NMM024B2RF	HIGH QUALITY
ACALA 1517-99	WESTERN
ALL TEX ATLAS RR	PLAINS
ALL TEX SUMMIT B2RF	PLAINS
AM 1532B2F	CENTRAL, BLACKLANDS
AMERICOT 1550B2RF	EASTERN, DELTA
AMERICOT NG 1572RF	PLAINS
AMERICOT NG 2448R	PLAINS
ARK 0023-13	HIGH QUALITY
ARK 0111-23	HIGH QUALITY
COBALT	PIMA
DG 2570B2RF	EASTERN
DP 0949B2RF	EASTERN, HIGH QUALITY
DP 135B2RF	DELTA, HIGH QUALITY
DP 141B2F	CENTRAL, BLACKLANDS
DP 161B2RF	EASTERN, HIGH QUALITY
DP 340	PIMA
DP 353	PIMA
DP 357	PIMA
DP 555BG/RR	NATIONAL STANDARD, ALL REGIONS EXCEPT PIMA
DPL 121RF	PLAINS
DPL 143B2RF	PLAINS
FIBERMAX 958	PLAINS
FM 1740B2F	DELTA, HIGH QUALITY
FM 1740B2RF	EASTERN, DELTA
FM 1845LLB2	EASTERN, HIGH QUALITY
FM 835LLB2	CENTRAL, BLACKLANDS
FM 9058F	NATIONAL STANDARD, ALL REGIONS EXCEPT HIGH QUALITY AND PIMA
FM 9180B2F	PLAINS, HIGH QUALITY
FM 989B2R	WESTERN
LBB 1501	HIGH QUALITY
LBB 4222	HIGH QUALITY
MD25	HIGH QUALITY
NM 03012	WESTERN

NM05N1054	HIGH QUALITY
NM05N1104	HIGH QUALITY
PHY 367WRF	EASTERN
PHY 370WR	DELTA
PHY 375WRF	NATIONAL STANDARD, ALL REGIONS EXCEPT HIGH QUALITY AND PIMA
PHY 485WRF	CENTRAL, WESTERN, BLACKLANDS
PHY 565WRF	EASTERN
PHY 800	PIMA
PHY 830	PIMA
PHYTOGEN 72	NATIONAL STANDARD, ALL REGIONS EXCEPT PIMA
PIMA S-7	PIMA
ST 4288B2RF	EASTERN, HIGH QUALITY
ST 5288B2RF	EASTERN
ST 5458B2RF	EASTERN, DELTA
STV 4554B2RF	NATIONAL STANDARD, ALL REGIONS EXCEPT HIGH QUALITY AND PIMA
STV 5327B2RF	CENTRAL, BLACKLANDS
TAM B139-17	HIGH QUALITY

2009 REGIONAL SHORT SEASON TEST RESULTS

DELTA RESEARCH AND EXTENSION CENTER
DR. J. CREECH

At the request of Dr. Creech, please access the 2009 Regional Short Season Test Results through the Delta Research and Extension Center Home Page.

2009 REGIONAL SHORT SEASON TEST

2009 BUDWORM/BOLLWORM TEST RESULTS

Currently, no link or data is available for the Budworm/Bollworm Test Results.

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

 Questions or comments to: ellen.keene@ars.usda.gov

United States Department of Agriculture

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Other links:

Crop Genetics Research Unit Home Page

Publications of the Crop Genetics Research Unit

Jamie Whitten Delta States Research Center
University of Arkansas Cotton Data

Delta Research and Extension Center, Stoneville, MS

University of Georgia Cotton Data

All Internet Versions of the NCVT Publications are accessible through either the Jamie Whitten Delta States Research Center or the Crop Genetics Research Unit sites

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National Cotton Variety Tests, 2009
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2009 PLAINS REGIONAL COTTON VARIETY TEST

2009 NCVT REGIONAL SUMMARIES BY VARIETIES

OVERALL SUMMARY FOR PLAINS REGION

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1326	PHY 375WRF	1199	4.74	42.1	9.0	95	1.07	0.55	198	7.6
1348	ALL TEX SUMMIT B2RF	1134	5.29	39.5	9.4	89	1.05	0.53	182	7.8
1270	DP 555BG/RR	1053	4.95	44.0	7.5	94	1.07	0.52	196	6.9

1352	FM 9180B2F	996	5.50	38.3	10.0	113	1.13	0.55	213	7.0
1169	FIBERMAX 958	996	5.62	39.8	10.2	119	1.13	0.55	223	5.8
1350	AMERICOT NG 2448R	974	5.64	37.8	10.3	113	1.10	0.56	216	7.5
1349	AMERICOT NG 1572RF	965	5.38	36.8	10.0	110	1.12	0.54	199	7.2
1322	DPL 143B2RF	953	5.35	39.5	9.1	90	1.12	0.53	195	7.4
1344	FM 9058F	951	5.43	39.8	10.0	105	1.13	0.53	204	5.9
1212	ALL TEX ATLAS RR	948	5.87	36.0	10.5	104	1.08	0.55	209	7.5
1323	STV 4554B2RF	932	5.45	42.0	9.4	94	1.06	0.54	210	8.6
1351	DPL 121RF	919	5.05	42.2	9.0	90	1.10	0.56	201	8.1
1166	PHYTOGEN 72	868	5.31	38.7	9.7	128	1.14	0.57	250	8.3
.	LSD	199	0.44	1.9	0.6	15	0.04	0.02	17	0.9

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
							COLORIMETER					
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	RD	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1326	PHY 375WRF	4.81	1.10	81.6	28.1	7.3	74.1	8.0	4.79	1710	2.41	3.44
1348	ALL TEX SUMMIT B2RF	4.60	1.08	81.5	26.4	7.4	72.3	8.1	4.53	1792	2.27	3.43
1270	DP 555BG/RR	4.91	1.09	80.9	27.8	6.7	75.0	7.4	4.90	1295	2.01	3.60
1352	FM 9180B2F	4.35	1.15	81.8	31.1	6.9	72.5	7.5	4.41	1463	2.22	3.33
1169	FIBERMAX 958	4.68	1.15	81.8	31.4	6.6	72.5	7.9	4.74	1611	1.88	3.43
1350	AMERICOT NG 2448R	4.38	1.11	82.4	32.0	7.4	72.5	8.0	4.40	1681	1.89	3.65
1349	AMERICOT NG 1572RF	3.67	1.13	81.9	26.6	6.6	73.1	7.4	3.72	1782	1.93	3.61
1322	DPL 143B2RF	4.48	1.13	81.2	27.9	6.9	71.5	7.8	4.49	1612	2.30	3.37
1344	FM 9058F	4.25	1.15	81.7	28.6	6.4	75.6	7.3	4.26	1477	1.85	3.44
1212	ALL TEX ATLAS RR	4.61	1.09	82.3	30.3	7.3	70.3	7.8	4.61	1734	1.84	3.51
1323	STV 4554B2RF	5.25	1.06	81.4	30.0	8.5	72.3	8.8	5.25	1506	2.55	3.34
1351	DPL 121RF	5.11	1.10	82.0	29.9	7.9	72.9	8.0	5.11	1403	2.29	3.55
1166	PHYTOGEN 72	4.46	1.16	82.4	33.3	7.7	71.4	8.3	4.51	1420	2.21	3.49
.	LSD	0.39	0.05	0.7	1.5	0.4	2.8	0.7	0.39	337	0.96	0.27

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1326	PHY 375WRF	0.48	0.62	1.10	432	24.1	1.63	88	47.46	4.27	2.9

1348	ALL TEX SUMMIT B2RF	0.50	0.71	1.21	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.42	0.59	1.01	428	23.8	1.63	89	47.61	4.30	2.9
1352	FM 9180B2F	0.45	0.58	1.04	.	.	.	.	.	.	.
1169	FIBERMAX 958	0.47	0.46	0.93	.	.	.	.	.	.	.
1350	AMERICOT NG 2448R	0.53	0.77	1.29	.	.	.	.	.	.	.
1349	AMERICOT NG 1572RF	0.53	0.75	1.28	.	.	.	.	.	.	.
1322	DPL 143B2RF	0.60	0.78	1.38	.	.	.	.	.	.	.
1344	FM 9058F	0.44	0.47	0.91	465	26.1	1.67	87	45.09	3.77	2.7
1212	ALL TEX ATLAS RR	0.51	0.69	1.20	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.45	0.64	1.09	410	20.9	1.56	91	47.81	4.52	3.1
1351	DPL 121RF	0.54	0.79	1.33	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.42	0.58	1.00	450	23.1	1.61	89	44.94	3.87	2.8
.	LSD	0.07	0.12	0.19	29.2	6.2	0.13	5	1.81	0.28	0.3

PLAINS SUB-REGION INCLUDING LOCATIONS: LUBBOCK, TX AND LAMESA, TX

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1326	PHY 375WRF	1249	4.65	40.7	9.4	82	1.07	0.52	182	7.0
1322	DPL 143B2RF	1215	5.63	37.8	9.2	78	1.14	0.54	184	7.3
1348	ALL TEX SUMMIT B2RF	1169	5.67	36.7	9.7	82	1.08	0.53	176	8.0
1169	FIBERMAX 958	1079	5.84	38.9	10.2	103	1.12	0.54	199	6.0
1349	AMERICOT NG 1572RF	1051	5.52	34.6	9.6	102	1.13	0.53	185	6.5
1350	AMERICOT NG 2448R	1024	6.00	35.9	10.3	107	1.12	0.56	215	7.0
1270	DP 555BG/RR	1020	5.00	41.4	7.6	73	1.06	0.50	190	6.3
1351	DPL 121RF	999	5.28	40.9	9.0	96	1.11	0.56	185	8.0
1344	FM 9058F	983	5.51	39.2	9.9	87	1.11	0.52	191	5.8
1166	PHYTOGEN 72	903	5.49	36.8	9.7	120	1.14	0.56	229	7.8
1212	ALL TEX ATLAS RR	892	5.78	34.2	10.8	100	1.11	0.56	204	7.5
1323	STV 4554B2RF	888	5.78	39.8	10.0	85	1.09	0.54	202	8.8
1352	FM 9180B2F	812	5.86	36.6	10.4	104	1.12	0.54	204	6.8
.	LSD	288	0.83	2.9	0.6	7	0.05	0.03	18	1.2

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)								
VARIETY CODE	VARIETY NAME	MICRONAIRE	2.5% S.L.	UNIFORMITY	STRENGTH	COLORIMETER HUNTER'S	MICRONAIRE	SEED YIELD	OIL	NITROGEN

CODE	NAME	(reading)	(in.)	(%)	(g/tex)	E	RD	b	(Reading)	(lb/ac)	(%)	(%)
1326	PHY 375WRF	4.68	1.10	81.2	27.0	7.3	77.5	7.6	4.68	1801	2.29	3.33
1322	DPL 143B2RF	4.38	1.13	80.8	27.5	7.1	71.8	8.0	4.43	1978	2.21	3.25
1348	ALL TEX SUMMIT B2RF	4.38	1.10	81.4	26.0	7.6	73.8	7.9	4.33	2056	2.16	3.33
1169	FIBERMAX 958	4.58	1.13	81.3	29.3	6.6	71.8	8.2	4.65	1771	1.64	3.36
1349	AMERICOT NG 1572RF	3.50	1.13	81.1	25.8	6.8	74.5	7.2	3.55	1931	2.03	3.42
1350	AMERICOT NG 2448R	4.30	1.13	81.8	32.0	7.7	74.3	8.1	4.33	1938	2.15	3.61
1270	DP 555BG/RR	4.63	1.05	80.4	27.5	6.8	75.5	7.4	4.60	1204	2.33	3.61
1351	DPL 121RF	4.98	1.10	81.9	28.8	7.8	74.0	7.9	4.98	1487	1.94	3.64
1344	FM 9058F	4.23	1.15	80.9	27.5	6.5	78.3	7.0	4.23	1407	1.91	3.25
1166	PHYTOGEN 72	4.35	1.18	82.1	31.0	7.6	71.5	8.2	4.38	1557	1.79	3.42
1212	ALL TEX ATLAS RR	4.63	1.13	82.4	29.3	7.4	72.5	7.9	4.60	1774	1.71	3.40
1323	STV 4554B2RF	5.20	1.08	81.5	29.5	8.6	73.5	8.5	5.15	1450	2.49	3.31
1352	FM 9180B2F	4.40	1.18	81.7	30.3	7.1	74.0	7.7	4.40	1337	2.16	3.26
.	LSD	0.35	0.06	1.0	2.1	0.5	4.8	1.1	0.43	507	1.68	0.41

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS--- PLUS (+)	MINUS (-)	TOTAL (%)	AREALOMETER DATA--- A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/in)	t (microns)
1326	PHY 375WRF	0.49	0.63	1.13	437	24.5	1.64	88	47.08	4.17	2.8
1322	DPL 143B2RF	0.62	0.81	1.44	.	.	.	.	.	.	.
1348	ALL TEX SUMMIT B2RF	0.51	0.73	1.24	.	.	.	.	.	.	.
1169	FIBERMAX 958	0.47	0.46	0.93	.	.	.	.	.	.	.
1349	AMERICOT NG 1572RF	0.60	0.84	1.44	.	.	.	.	.	.	.
1350	AMERICOT NG 2448R	0.51	0.76	1.26	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.40	0.58	0.98	434	24.3	1.64	88	47.30	4.21	2.9
1351	DPL 121RF	0.49	0.73	1.21	.	.	.	.	.	.	.
1344	FM 9058F	0.44	0.43	0.87	464	26.5	1.68	87	45.34	3.79	2.7
1166	PHYTOGEN 72	0.39	0.56	0.94	460	25.3	1.66	87	45.23	3.81	2.7
1212	ALL TEX ATLAS RR	0.50	0.68	1.18	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.45	0.67	1.12	411	21.3	1.57	91	47.88	4.50	3.1
1352	FM 9180B2F	0.46	0.59	1.05	.	.	.	.	.	.	.
.	LSD	0.09	0.16	0.25	34.3	11.6	0.26	10	5.31	0.29	0.4

PLAINS SUB-REGION INCLUDING LOCATIONS: ALTUS,OK; TIPTON, OK, AND CHICKASHA, OK

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1326	PHY 375WRF	1165	4.83	43.6	8.6	109	1.08	0.58	215	8.3
1352	FM 9180B2F	1118	5.15	40.1	9.6	123	1.14	0.56	221	7.3
1348	ALL TEX SUMMIT B2RF	1111	4.90	42.4	9.1	97	1.03	0.53	188	7.5
1270	DP 555BG/RR	1074	4.90	46.7	7.5	115	1.07	0.55	202	7.5
1212	ALL TEX ATLAS RR	985	5.95	37.8	10.2	109	1.05	0.54	215	7.5
1323	STV 4554B2RF	961	5.13	44.2	8.8	103	1.03	0.55	218	8.5
1350	AMERICOT NG 2448R	940	5.28	39.7	10.2	120	1.08	0.56	217	8.0
1169	FIBERMAX 958	940	5.40	40.6	10.3	135	1.14	0.57	248	5.5
1344	FM 9058F	930	5.35	40.4	10.1	123	1.14	0.55	216	6.0
1349	AMERICOT NG 1572RF	908	5.25	39.0	10.3	117	1.11	0.56	213	7.8
1351	DPL 121RF	866	4.83	43.6	9.0	85	1.08	0.56	218	8.3
1166	PHYTOGEN 72	845	5.13	40.6	9.7	137	1.14	0.58	271	8.8
1322	DPL 143B2RF	779	5.08	41.3	8.9	103	1.09	0.53	207	7.5
.	LSD	254	0.40	3.1	0.9	24	0.05	0.03	29	1.5

			SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)									
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S RD	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1326	PHY 375WRF	4.95	1.10	81.9	29.3	7.3	70.8	8.4	4.90	1618	2.53	3.55
1352	FM 9180B2F	4.30	1.13	81.9	32.0	6.8	71.0	7.3	4.43	1588	2.29	3.40
1348	ALL TEX SUMMIT B2RF	4.83	1.05	81.6	26.8	7.3	70.8	8.3	4.73	1528	2.38	3.53
1270	DP 555BG/RR	5.20	1.13	81.3	28.0	6.5	74.5	7.5	5.20	1385	1.69	3.59
1212	ALL TEX ATLAS RR	4.60	1.05	82.1	31.3	7.2	68.0	7.7	4.63	1695	1.97	3.62
1323	STV 4554B2RF	5.30	1.05	81.4	30.5	8.5	71.0	9.1	5.35	1561	2.61	3.37
1350	AMERICOT NG 2448R	4.45	1.10	83.0	32.0	7.2	70.8	7.9	4.48	1423	1.62	3.69
1169	FIBERMAX 958	4.78	1.18	82.3	33.5	6.6	73.3	7.6	4.83	1451	2.13	3.50
1344	FM 9058F	4.28	1.15	82.5	29.8	6.4	73.0	7.6	4.30	1547	1.79	3.63
1349	AMERICOT NG 1572RF	3.83	1.13	82.7	27.4	6.4	71.8	7.6	3.89	1633	1.84	3.80
1351	DPL 121RF	5.25	1.10	82.2	31.0	8.0	71.8	8.2	5.25	1318	2.64	3.46
1166	PHYTOGEN 72	4.58	1.15	82.8	35.5	7.8	71.3	8.4	4.65	1283	2.63	3.55
1322	DPL 143B2RF	4.58	1.13	81.5	28.3	6.7	71.3	7.6	4.55	1246	2.39	3.50
.	LSD	0.87	0.08	0.9	1.6	0.7	2.9	1.1	0.87	313	1.63	0.45

VARIETY CODE	VARIETY NAME	GOSSYPOL LEVELS PLUS (+)	GOSSYPOL LEVELS MINUS (-)	GOSSYPOL LEVELS TOTAL (%)	AREALOMETER DATA A (mm2/mm3)	AREALOMETER DATA D (mm2/mm3)	AREALOMETER DATA I	AREALOMETER DATA M (%)	AREALOMETER DATA p (microns)	AREALOMETER DATA w (mg/in)	AREALOMETER DATA t (microns)
1326	PHY 375WRF	0.46	0.61	1.08	428	23.8	1.63	88	47.84	4.37	3.0
1352	FM 9180B2F	0.44	0.58	1.02	.	.	.	.	.	.	.
1348	ALL TEX SUMMIT B2RF	0.49	0.69	1.18	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.44	0.61	1.04	423	23.3	1.62	89	47.93	4.38	3.0
1212	ALL TEX ATLAS RR	0.52	0.69	1.21	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.46	0.62	1.07	409	20.5	1.55	92	47.75	4.54	3.1
1350	AMERICOT NG 2448R	0.54	0.78	1.33	.	.	.	.	.	.	.
1169	FIBERMAX 958	0.47	0.46	0.92	.	.	.	.	.	.	.
1344	FM 9058F	0.44	0.51	0.94	466	25.8	1.66	87	44.85	3.75	2.7
1349	AMERICOT NG 1572RF	0.45	0.66	1.11	.	.	.	.	.	.	.
1351	DPL 121RF	0.59	0.86	1.44	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.45	0.60	1.05	441	21.0	1.57	91	44.66	3.94	2.9
1322	DPL 143B2RF	0.57	0.76	1.32	.	.	.	.	.	.	.
.	LSD	0.10	0.21	0.31	81.2	13.5	0.29	11	0.81	0.77	0.7

INDIVIDUAL COMPONENT DATA REGION=PLAINS

BOLL SIZE, GRAM PER BOLL		LINT PERCENT		SEED INDEX	
ALL TEX ATLAS RR	5.87	DP 555BG/RR	44.0	ALL TEX ATLAS RR	10.5
AMERICOT NG 2448R	5.64	DPL 121RF	42.2	AMERICOT NG 2448R	10.3
FIBERMAX 958	5.62	PHY 375WRF	42.1	FIBERMAX 958	10.2
FM 9180B2F	5.50	STV 4554B2RF	42.0	FM 9180B2F	10.0
STV 4554B2RF	5.45	FM 9058F	39.8	FM 9058F	10.0
FM 9058F	5.43	FIBERMAX 958	39.8	AMERICOT NG 1572RF	10.0
AMERICOT NG 1572RF	5.38	DPL 143B2RF	39.5	PHYTOGEN 72	9.7
DPL 143B2RF	5.35	ALL TEX SUMMIT B2RF	39.5	ALL TEX SUMMIT B2RF	9.4
PHYTOGEN 72	5.31	PHYTOGEN 72	38.7	STV 4554B2RF	9.4
ALL TEX SUMMIT B2RF	5.29	FM 9180B2F	38.3	DPL 143B2RF	9.1
DPL 121RF	5.05	AMERICOT NG 2448R	37.8	PHY 375WRF	9.0
DP 555BG/RR	4.95	AMERICOT NG 1572RF	36.8	DPL 121RF	9.0
PHY 375WRF	4.74	ALL TEX ATLAS RR	36.0	DP 555BG/RR	7.5
LSD	0.44	LSD	1.9	LSD	0.6

2.5% S.L. (INCHES)	
PHYTOGEN 72	1.16
FIBERMAX 958	1.15
FM 9180B2F	1.15
FM 9058F	1.15
AMERICOT NG 1572RF	1.13
DPL 143B2RF	1.13
AMERICOT NG 2448R	1.11
PHY 375WRF	1.10
DPL 121RF	1.10
ALL TEX ATLAS RR	1.09
DP 555BG/RR	1.09
ALL TEX SUMMIT B2RF	1.08
STV 4554B2RF	1.06
LSD	0.05

UR (PERCENT)	
PHYTOGEN 72	82.4
AMERICOT NG 2448R	82.4
ALL TEX ATLAS RR	82.3
DPL 121RF	82.0
AMERICOT NG 1572RF	81.9
FM 9180B2F	81.8
FIBERMAX 958	81.8
FM 9058F	81.7
PHY 375WRF	81.6
ALL TEX SUMMIT B2RF	81.5
STV 4554B2RF	81.4
DPL 143B2RF	81.2
DP 555BG/RR	80.9
LSD	0.7

STRENGTH (G/TEX)	
PHYTOGEN 72	33.3
AMERICOT NG 2448R	32.0
FIBERMAX 958	31.4
FM 9180B2F	31.1
ALL TEX ATLAS RR	30.3
STV 4554B2RF	30.0
DPL 121RF	29.9
FM 9058F	28.6
PHY 375WRF	28.1
DPL 143B2RF	27.9
DP 555BG/RR	27.8
AMERICOT NG 1572RF	26.6
ALL TEX SUMMIT B2RF	26.4
LSD	1.5

E	
STV 4554B2RF	8.5
DPL 121RF	7.9
PHYTOGEN 72	7.7
ALL TEX SUMMIT B2RF	7.4
AMERICOT NG 2448R	7.4
ALL TEX ATLAS RR	7.3
PHY 375WRF	7.3
FM 9180B2F	6.9
DPL 143B2RF	6.9
DP 555BG/RR	6.7
FIBERMAX 958	6.6
AMERICOT NG 1572RF	6.6
FM 9058F	6.4
LSD	0.4

MICRONAIRE (SL-HVI)	
STV 4554B2RF	5.25
DPL 121RF	5.11
DP 555BG/RR	4.90
PHY 375WRF	4.79
FIBERMAX 958	4.74
ALL TEX ATLAS RR	4.61
ALL TEX SUMMIT B2RF	4.53
PHYTOGEN 72	4.51
DPL 143B2RF	4.49
FM 9180B2F	4.41
AMERICOT NG 2448R	4.40
FM 9058F	4.26
AMERICOT NG 1572RF	3.72
LSD	0.39

COLORIMETER - Rd	
FM 9058F	75.6
DP 555BG/RR	75.0
PHY 375WRF	74.1
AMERICOT NG 1572RF	73.1
DPL 121RF	72.9
FIBERMAX 958	72.5
FM 9180B2F	72.5
AMERICOT NG 2448R	72.5
STV 4554B2RF	72.3
ALL TEX SUMMIT B2RF	72.3
DPL 143B2RF	71.5
PHYTOGEN 72	71.4
ALL TEX ATLAS RR	70.3
LSD	2.8

COLORIMETER - b	

MICRONAIRE	

STELOMETER - E1	

STV 4554B2RF	8.8
PHYTOGEN 72	8.3
ALL TEX SUMMIT B2RF	8.1
DPL 121RF	8.0
PHY 375WRF	8.0
AMERICOT NG 2448R	8.0
FIBERMAX 958	7.9
DPL 143B2RF	7.8
ALL TEX ATLAS RR	7.8
FM 9180B2F	7.5
DP 555BG/RR	7.4
AMERICOT NG 1572RF	7.4
FM 9058F	7.3
LSD	0.7

STV 4554B2RF	5.25
DPL 121RF	5.11
DP 555BG/RR	4.91
PHY 375WRF	4.81
FIBERMAX 958	4.68
ALL TEX ATLAS RR	4.61
ALL TEX SUMMIT B2RF	4.60
DPL 143B2RF	4.48
PHYTOGEN 72	4.46
AMERICOT NG 2448R	4.38
FM 9180B2F	4.35
FM 9058F	4.25
AMERICOT NG 1572RF	3.67
LSD	0.39

STV 4554B2RF	8.6
PHYTOGEN 72	8.3
DPL 121RF	8.1
ALL TEX SUMMIT B2RF	7.8
PHY 375WRF	7.6
ALL TEX ATLAS RR	7.5
AMERICOT NG 2448R	7.5
DPL 143B2RF	7.4
AMERICOT NG 1572RF	7.2
FM 9180B2F	7.0
DP 555BG/RR	6.9
FM 9058F	5.9
FIBERMAX 958	5.8
LSD	0.9

STELOMETER - T1

PHYTOGEN 72	250
FIBERMAX 958	223
AMERICOT NG 2448R	216
FM 9180B2F	213
STV 4554B2RF	210
ALL TEX ATLAS RR	209
FM 9058F	204
DPL 121RF	201
AMERICOT NG 1572RF	199
PHY 375WRF	198
DP 555BG/RR	196
DPL 143B2RF	195
ALL TEX SUMMIT B2RF	182
LSD	17

FIBROGRAPH - 50% S.L.

PHYTOGEN 72	0.57
AMERICOT NG 2448R	0.56
DPL 121RF	0.56
FIBERMAX 958	0.55
ALL TEX ATLAS RR	0.55
FM 9180B2F	0.55
PHY 375WRF	0.55
STV 4554B2RF	0.54
AMERICOT NG 1572RF	0.54
FM 9058F	0.53
DPL 143B2RF	0.53
ALL TEX SUMMIT B2RF	0.53
DP 555BG/RR	0.52
LSD	0.02

FIBROGRAPH - 2.5% S.L.

PHYTOGEN 72	1.14
FM 9058F	1.13
FM 9180B2F	1.13
FIBERMAX 958	1.13
AMERICOT NG 1572RF	1.12
DPL 143B2RF	1.12
AMERICOT NG 2448R	1.10
DPL 121RF	1.10
ALL TEX ATLAS RR	1.08
PHY 375WRF	1.07
DP 555BG/RR	1.07
STV 4554B2RF	1.06
ALL TEX SUMMIT B2RF	1.05
LSD	0.04

YARN TENACITY

AREALOMETER - A (MM2/MM3)

AREALOMETER - D (MM2/MM3)

PHYTOGEN 72	128	FM 9058F	465	FM 9058F	26.1
FIBERMAX 958	119	PHYTOGEN 72	450	PHY 375WRF	24.1
AMERICOT NG 2448R	113	PHY 375WRF	432	DP 555BG/RR	23.8
FM 9180B2F	113	DP 555BG/RR	428	PHYTOGEN 72	23.1
AMERICOT NG 1572RF	110	STV 4554B2RF	410	STV 4554B2RF	20.9
FM 9058F	105	FIBERMAX 958	.	FIBERMAX 958	.
ALL TEX ATLAS RR	104	AMERICOT NG 2448R	.	AMERICOT NG 2448R	.
PHY 375WRF	95	FM 9180B2F	.	FM 9180B2F	.
DP 555BG/RR	94	AMERICOT NG 1572RF	.	AMERICOT NG 1572RF	.
STV 4554B2RF	94	ALL TEX ATLAS RR	.	ALL TEX ATLAS RR	.
DPL 121RF	90	DPL 121RF	.	DPL 121RF	.
DPL 143B2RF	90	DPL 143B2RF	.	DPL 143B2RF	.
ALL TEX SUMMIT B2RF	89	ALL TEX SUMMIT B2RF	.	ALL TEX SUMMIT B2RF	.
LSD	15	LSD	29.2	LSD	6.2

AREALOMETER - I		AREALOMETER - M (PERCENT)		AREALOMETER - P (MIC)???	
FM 9058F	1.67	STV 4554B2RF	91	STV 4554B2RF	47.81
PHY 375WRF	1.63	PHYTOGEN 72	89	DP 555BG/RR	47.61
DP 555BG/RR	1.63	DP 555BG/RR	89	PHY 375WRF	47.46
PHYTOGEN 72	1.61	PHY 375WRF	88	FM 9058F	45.09
STV 4554B2RF	1.56	FM 9058F	87	PHYTOGEN 72	44.94
FIBERMAX 958	.	FIBERMAX 958	.	FIBERMAX 958	.
AMERICOT NG 2448R	.	AMERICOT NG 2448R	.	AMERICOT NG 2448R	.
FM 9180B2F	.	FM 9180B2F	.	FM 9180B2F	.
AMERICOT NG 1572RF	.	AMERICOT NG 1572RF	.	AMERICOT NG 1572RF	.
ALL TEX ATLAS RR	.	ALL TEX ATLAS RR	.	ALL TEX ATLAS RR	.
DPL 121RF	.	DPL 121RF	.	DPL 121RF	.
DPL 143B2RF	.	DPL 143B2RF	.	DPL 143B2RF	.
ALL TEX SUMMIT B2RF	.	ALL TEX SUMMIT B2RF	.	ALL TEX SUMMIT B2RF	.
LSD	0.13	LSD	5	LSD	1.81

AREALOMETER - W (MG/INCH)		AREALOMETER - t (MICRONS)		SEED YIELD (LB/ACRE	
STV 4554B2RF	4.52	STV 4554B2RF	3.1	ALL TEX SUMMIT B2RF	1792
DP 555BG/RR	4.30	DP 555BG/RR	2.9	AMERICOT NG 1572RF	1782

PHY 375WRF	4.27	PHY 375WRF	2.9	ALL TEX ATLAS RR	1734
PHYTOGEN 72	3.87	PHYTOGEN 72	2.8	PHY 375WRF	1710
FM 9058F	3.77	FM 9058F	2.7	AMERICOT NG 2448R	1681
FIBERMAX 958	.	FIBERMAX 958	.	DPL 143B2RF	1612
AMERICOT NG 2448R	.	AMERICOT NG 2448R	.	FIBERMAX 958	1611
FM 9180B2F	.	FM 9180B2F	.	STV 4554B2RF	1506
AMERICOT NG 1572RF	.	AMERICOT NG 1572RF	.	FM 9058F	1477
ALL TEX ATLAS RR	.	ALL TEX ATLAS RR	.	FM 9180B2F	1463
DPL 121RF	.	DPL 121RF	.	PHYTOGEN 72	1420
DPL 143B2RF	.	DPL 143B2RF	.	DPL 121RF	1403
ALL TEX SUMMIT B2RF	.	ALL TEX SUMMIT B2RF	.	DP 555BG/RR	1295
LSD	0.28	LSD	0.3	LSD	337

OIL (PERCENT)		NITROGEN (PERCENT)		PLUS GOSSYPOL	
STV 4554B2RF	2.55	AMERICOT NG 2448R	3.65	DPL 143B2RF	0.60
PHY 375WRF	2.41	AMERICOT NG 1572RF	3.61	DPL 121RF	0.54
DPL 143B2RF	2.30	DP 555BG/RR	3.60	AMERICOT NG 2448R	0.53
DPL 121RF	2.29	DPL 121RF	3.55	AMERICOT NG 1572RF	0.53
ALL TEX SUMMIT B2RF	2.27	ALL TEX ATLAS RR	3.51	ALL TEX ATLAS RR	0.51
FM 9180B2F	2.22	PHYTOGEN 72	3.49	ALL TEX SUMMIT B2RF	0.50
PHYTOGEN 72	2.21	PHY 375WRF	3.44	PHY 375WRF	0.48
DP 555BG/RR	2.01	FM 9058F	3.44	FIBERMAX 958	0.47
AMERICOT NG 1572RF	1.93	ALL TEX SUMMIT B2RF	3.43	FM 9180B2F	0.45
AMERICOT NG 2448R	1.89	FIBERMAX 958	3.43	STV 4554B2RF	0.45
FIBERMAX 958	1.88	DPL 143B2RF	3.37	FM 9058F	0.44
FM 9058F	1.85	STV 4554B2RF	3.34	DP 555BG/RR	0.42
ALL TEX ATLAS RR	1.84	FM 9180B2F	3.33	PHYTOGEN 72	0.42
LSD	0.96	LSD	0.27	LSD	0.07

MINUS GOSSYPOL		TOTAL GOSSYPOL (PERCENT)	
DPL 121RF	0.79	DPL 143B2RF	1.38
DPL 143B2RF	0.78	DPL 121RF	1.33
AMERICOT NG 2448R	0.77	AMERICOT NG 2448R	1.29
AMERICOT NG 1572RF	0.75	AMERICOT NG 1572RF	1.28
ALL TEX SUMMIT B2RF	0.71	ALL TEX SUMMIT B2RF	1.21

ALL TEX ATLAS RR	0.69	ALL TEX ATLAS RR	1.20
STV 4554B2RF	0.64	PHY 375WRF	1.10
PHY 375WRF	0.62	STV 4554B2RF	1.09
DP 555BG/RR	0.59	FM 9180B2F	1.04
FM 9180B2F	0.58	DP 555BG/RR	1.01
PHYTOGEN 72	0.58	PHYTOGEN 72	1.00
FM 9058F	0.47	FIBERMAX 958	0.93
FIBERMAX 958	0.46	FM 9058F	0.91
LSD	0.12	LSD	0.19

reg=11 REGION=PLAINS

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 (%)
ALTUS, OK (IRR)	1488	5.76	42.5	9.8	109	1.11	0.57	224	8.4
LUBBOCK, TX (IRR)	1483	6.10	39.0	10.1	98	1.12	0.55	198	7.5
CHICKASHA, OK (DRY)	849	.	.	.	.	.	.	.	.
TIPTON, OK	576	4.57	40.6	9.0	118	1.07	0.54	214	6.7
LAMESA, TX (DRY)	560	4.98	36.9	9.2	89	1.09	0.53	193	6.7

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
	MICRO-NAIRE	2.5% S.L.	UNIFO-MITY	STRE-NGTH	COLORIMETER HUNTER'S			MICRO-NAIRE	SEED YIELD	OIL	NITR OGEN
LOCATION	(reading)	(in.)	(%)	(g/tex)	E	Rd	b	(Reading)	(lb/ac)	(%)	(%)
ALTUS, OK (IRR)	5.03	1.14	82.7	31.2	7.5	73.5	7.9	5.06	2130	1.81	3.21
LUBBOCK, TX (IRR)	4.60	1.13	82.1	29.2	7.6	76.3	7.7	4.59	2302	2.19	3.42
CHICKASHA, OK (DRY)	.	.	.	.	.	.	.	.	.	.	.
TIPTON, OK	4.34	1.08	81.5	29.6	6.7	69.4	7.9	4.35	835	2.58	3.90
LAMESA, TX (DRY)	4.36	1.10	80.7	27.9	7.0	71.8	7.9	4.37	1034	1.93	3.38

	---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
	PLUS	MINUS	TOTAL	A	D		M	p	w	t
LOCATION	(+)	(-)	(%)	---(mm2/mm3)---		I	(%)	(microns)	(mg/in)	(microns)
ALTUS, OK (IRR)	0.59	0.75	1.33	414	20.7	1.56	91	47.29	4.43	3.0
LUBBOCK, TX (IRR)	0.55	0.71	1.26	434	24.3	1.64	88	47.36	4.22	2.9

CHICKASHA, OK (DRY)	.	.	.	.	.	.	.	.	.	.
TIPTON, OK	0.38	0.55	0.93	453	25.0	1.65	88	45.92	3.96	2.8
LAMESA, TX (DRY)	0.43	0.59	1.02	448	24.4	1.63	88	45.76	3.96	2.8

LOCATION=LUBBOCK, TX (IRR)

VARIETY CODE	VARIETY NAME	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 (%)
1322	DPL 143B2RF	1829	6.29	37.5	9.7	87	1.17	0.55	178	7.0
1326	PHY 375WRF	1821	4.51	41.2	10.3	88	1.09	0.54	179	7.5
1348	ALL TEX SUMMIT B2RF	1717	6.24	37.8	10.1	87	1.09	0.54	178	8.5
1169	FIBERMAX 958	1599	6.29	39.6	10.8	105	1.16	0.55	201	6.0
1349	AMERICOT NG 1572RF	1560	6.37	36.4	9.9	106	1.15	0.54	190	7.0
1350	AMERICOT NG 2448R	1453	6.74	38.9	10.8	109	1.13	0.58	216	8.0
1166	PHYTOGEN 72	1424	6.10	37.2	10.2	128	1.16	0.57	244	8.5
1344	FM 9058F	1421	5.91	41.8	10.3	93	1.11	0.52	190	6.0
1270	DP 555BG/RR	1390	5.47	41.9	7.9	80	1.08	0.52	194	7.0
1351	DPL 121RF	1390	5.82	41.9	9.3	99	1.12	0.57	182	8.5
1212	ALL TEX ATLAS RR	1325	6.72	34.6	11.4	104	1.08	0.55	213	8.0
1323	STV 4554B2RF	1185	6.54	40.4	10.7	88	1.10	0.54	209	9.0
1352	FM 9180B2F	1172	6.34	38.1	10.7	107	1.14	0.55	203	6.5
.	LSD	408	1.30	3.6	1.2	12	0.04	0.03	19	0.9

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1322	DPL 143B2RF	4.30	1.15	81.3	27.5	7.0	74.5	8.0	4.30	2851	2.25	3.26
1326	PHY 375WRF	4.75	1.10	82.1	28.0	7.7	79.0	7.9	4.75	2419	3.27	3.47
1348	ALL TEX SUMMIT B2RF	4.50	1.10	82.4	26.5	7.9	77.0	7.9	4.50	2794	1.65	3.22
1169	FIBERMAX 958	4.60	1.15	82.1	29.5	6.8	73.0	8.1	4.60	2611	1.94	3.26
1349	AMERICOT NG 1572RF	3.80	1.15	81.9	26.5	7.0	74.5	7.1	3.80	2624	1.80	3.19
1350	AMERICOT NG 2448R	4.60	1.15	82.6	32.0	7.9	75.0	8.1	4.65	2532	1.18	3.54
1166	PHYTOGEN 72	4.45	1.20	83.2	32.0	7.9	74.5	7.6	4.45	2342	2.08	3.55
1344	FM 9058F	4.35	1.15	81.2	28.0	6.8	83.5	6.4	4.35	1818	1.51	3.40
1270	DP 555BG/RR	4.60	1.10	81.4	30.0	7.4	79.5	7.3	4.55	1565	3.25	3.71
1351	DPL 121RF	5.10	1.10	83.1	29.5	8.2	74.0	8.6	5.10	2024	2.36	3.85
1212	ALL TEX ATLAS RR	4.85	1.10	82.5	30.5	7.9	75.0	7.4	4.90	2534	2.01	3.33

1323	STV 4554B2RF	5.25	1.10	82.0	29.5	9.0	77.0	8.3	5.15	2030	2.56	3.47
1352	FM 9180B2F	4.60	1.20	82.4	30.5	7.3	76.0	7.5	4.60	1789	2.61	3.20
.	LSD	0.32	0.10	0.8	1.9	0.4	5.5	0.9	0.31	999	1.41	0.28

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS--- PLUS (+)	MINUS (-)	TOTAL (%)	AREALOMETER DATA--- A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1322	DPL 143B2RF	0.62	0.75	1.37	.	.	.	.	.	.	.
1326	PHY 375WRF	0.55	0.71	1.26	425	21.5	1.58	90	46.56	4.23	3.0
1348	ALL TEX SUMMIT B2RF	0.58	0.81	1.39	.	.	.	.	.	.	.
1169	FIBERMAX 958	0.51	0.48	0.99	.	.	.	.	.	.	.
1349	AMERICOT NG 1572RF	0.71	0.97	1.68	.	.	.	.	.	.	.
1350	AMERICOT NG 2448R	0.61	0.89	1.49	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.45	0.63	1.08	451	23.5	1.62	89	45.00	3.86	2.8
1344	FM 9058F	0.49	0.48	0.97	447	24.0	1.63	89	45.76	3.97	2.8
1270	DP 555BG/RR	0.45	0.59	1.04	436	27.0	1.70	86	48.90	4.34	2.8
1351	DPL 121RF	0.56	0.81	1.36	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	0.58	0.79	1.37	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.49	0.70	1.19	414	25.5	1.67	87	50.61	4.72	3.0
1352	FM 9180B2F	0.54	0.66	1.19	.	.	.	.	.	.	.
.	LSD	0.06	0.06	0.16	26.9	11.2	0.23	9	5.16	0.46	0.2

LOCATION=LAMESA, TX (DRY)

VARIETY CODE	VARIETY NAME	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 (%)
1326	PHY 375WRF	678	4.80	40.1	8.5	76	1.05	0.50	185	6.5
1270	DP 555BG/RR	651	4.53	40.8	7.2	66	1.04	0.49	185	5.5
1348	ALL TEX SUMMIT B2RF	622	5.10	35.6	9.4	76	1.06	0.53	174	7.5
1351	DPL 121RF	607	4.75	39.8	8.7	94	1.10	0.55	189	7.5
1322	DPL 143B2RF	602	4.97	38.0	8.8	69	1.11	0.53	190	7.5
1350	AMERICOT NG 2448R	596	5.25	32.8	9.9	104	1.11	0.55	214	6.0
1323	STV 4554B2RF	591	5.03	39.2	9.3	81	1.07	0.54	195	8.5
1169	FIBERMAX 958	559	5.40	38.1	9.6	101	1.08	0.53	197	6.0
1344	FM 9058F	544	5.11	36.6	9.6	82	1.12	0.53	193	5.5
1349	AMERICOT NG 1572RF	542	4.67	32.9	9.4	98	1.11	0.52	180	6.0
1212	ALL TEX ATLAS RR	459	4.85	33.8	10.2	96	1.14	0.57	195	7.0

1352	FM 9180B2F	452	5.38	35.0	10.1	101	1.10	0.53	206	7.0
1166	PHYTOGEN 72	382	4.88	36.4	9.3	112	1.13	0.54	214	7.0
.	LSD	150	0.35	2.2	0.6	13	0.07	0.04	18	1.1

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1326	PHY 375WRF	4.60	1.10	80.4	26.0	6.9	76.0	7.3	4.60	1182	1.32	3.19
1270	DP 555BG/RR	4.65	1.00	79.5	25.0	6.2	71.5	7.5	4.65	843	1.41	3.52
1348	ALL TEX SUMMIT B2RF	4.25	1.10	80.4	25.5	7.3	70.5	8.0	4.15	1318	2.68	3.44
1351	DPL 121RF	4.85	1.10	80.6	28.0	7.5	74.0	7.3	4.85	950	1.52	3.44
1322	DPL 143B2RF	4.45	1.10	80.4	27.5	7.2	69.0	8.1	4.55	1104	2.17	3.23
1350	AMERICOT NG 2448R	4.00	1.10	81.1	32.0	7.5	73.5	8.0	4.00	1344	3.13	3.69
1323	STV 4554B2RF	5.15	1.05	81.0	29.5	8.2	70.0	8.7	5.15	871	2.42	3.15
1169	FIBERMAX 958	4.55	1.10	80.6	29.0	6.4	70.5	8.4	4.70	931	1.34	3.46
1344	FM 9058F	4.10	1.15	80.7	27.0	6.2	73.0	7.6	4.10	996	2.31	3.09
1349	AMERICOT NG 1572RF	3.20	1.10	80.3	25.0	6.5	74.5	7.3	3.30	1238	2.26	3.66
1212	ALL TEX ATLAS RR	4.40	1.15	82.4	28.0	7.0	70.0	8.5	4.30	1014	1.42	3.48
1352	FM 9180B2F	4.20	1.15	81.1	30.0	7.0	72.0	8.0	4.20	886	1.71	3.33
1166	PHYTOGEN 72	4.25	1.15	81.0	30.0	7.3	68.5	8.8	4.30	772	1.50	3.30
.	LSD	0.38	0.10	3.2	3.4	0.4	6.1	1.2	0.36	364	0.96	0.33

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1326	PHY 375WRF	0.44	0.56	1.00	449	27.5	1.70	86	47.60	4.11	2.7
1270	DP 555BG/RR	0.36	0.57	0.93	432	21.5	1.58	91	45.70	4.09	2.9
1348	ALL TEX SUMMIT B2RF	0.45	0.65	1.10	.	.	.	.	.	.	.
1351	DPL 121RF	0.42	0.65	1.07	.	.	.	.	.	.	.
1322	DPL 143B2RF	0.63	0.88	1.51	.	.	.	.	.	.	.
1350	AMERICOT NG 2448R	0.41	0.63	1.03	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.41	0.64	1.05	409	17.0	1.47	95	45.15	4.27	3.2
1169	FIBERMAX 958	0.43	0.45	0.87	.	.	.	.	.	.	.
1344	FM 9058F	0.39	0.39	0.77	481	29.0	1.73	85	44.91	3.61	2.6
1349	AMERICOT NG 1572RF	0.49	0.72	1.21	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	0.43	0.58	1.00	.	.	.	.	.	.	.
1352	FM 9180B2F	0.39	0.52	0.91	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.33	0.48	0.81	469	27.0	1.70	86	45.46	3.75	2.7
.	LSD	0.06	0.06	0.14	41.2	17.4	0.36	14	7.65	0.67	0.3

LOCATION=ALTUS, OK (IRR)

VARIETY CODE	VARIETY NAME	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 (%)
1323	STV 4554B2RF	1782	5.65	45.6	8.9	98	1.07	0.58	223	8.5
1326	PHY 375WRF	1647	5.45	43.6	8.9	115	1.11	0.60	235	9.5
1348	ALL TEX SUMMIT B2RF	1640	5.50	44.3	9.3	92	1.03	0.54	185	8.5
1352	FM 9180B2F	1634	5.80	41.7	10.2	120	1.16	0.57	211	7.5
1270	DP 555BG/RR	1633	5.35	45.0	7.9	117	1.12	0.57	211	9.0
1351	DPL 121RF	1461	5.45	43.9	9.4	60	1.13	0.58	225	9.0
1344	FM 9058F	1439	5.90	42.3	10.3	118	1.15	0.56	231	6.5
1169	FIBERMAX 958	1414	6.15	42.0	10.8	127	1.15	0.57	243	6.0
1349	AMERICOT NG 1572RF	1405	5.90	40.0	11.3	110	1.12	0.56	222	9.0
1322	DPL 143B2RF	1380	5.65	41.8	9.3	110	1.11	0.54	202	8.0
1350	AMERICOT NG 2448R	1373	5.80	41.1	11.1	114	1.13	0.59	223	9.5
1212	ALL TEX ATLAS RR	1355	6.30	39.0	10.2	105	1.05	0.56	234	9.0
1166	PHYTOGEN 72	1182	6.00	42.1	10.4	131	1.14	0.58	276	9.5
.	LSD	191	0.63	2.9	0.8	43	0.06	0.03	16	1.4

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1323	STV 4554B2RF	5.40	1.10	81.6	31.5	8.6	72.5	9.7	5.40	2244	1.96	2.83
1326	PHY 375WRF	5.20	1.15	82.7	30.0	8.0	72.0	8.8	5.30	2169	2.07	3.37
1348	ALL TEX SUMMIT B2RF	5.65	1.05	82.0	27.0	8.2	73.5	9.1	5.60	2119	2.45	3.18
1352	FM 9180B2F	5.05	1.15	82.3	32.5	7.3	73.5	7.3	5.10	2349	1.97	3.00
1270	DP 555BG/RR	4.95	1.15	82.3	29.0	6.9	76.5	7.6	4.95	2119	2.28	3.18
1351	DPL 121RF	5.35	1.15	83.3	32.0	8.3	74.5	8.0	5.35	2053	1.78	3.46
1344	FM 9058F	4.70	1.20	83.0	31.0	6.7	75.5	7.2	4.75	2284	1.28	3.13
1169	FIBERMAX 958	5.05	1.15	82.6	33.5	6.7	74.0	7.6	5.20	2181	0.87	3.21
1349	AMERICOT NG 1572RF	4.30	1.15	83.5	28.5	6.8	72.5	7.3	4.35	2272	2.05	3.32
1322	DPL 143B2RF	4.80	1.15	82.0	29.0	7.1	74.5	7.5	4.80	1970	1.24	3.10
1350	AMERICOT NG 2448R	4.90	1.15	83.8	32.5	7.5	73.0	7.7	4.95	1965	1.23	3.36
1212	ALL TEX ATLAS RR	5.05	1.10	82.9	33.0	7.7	71.5	7.4	5.00	2240	1.83	3.35
1166	PHYTOGEN 72	5.05	1.15	83.1	35.5	7.9	72.0	8.2	5.05	1731	2.54	3.26
.	LSD	0.25	0.07	1.4	2.7	0.4	2.3	0.7	0.29	429	1.60	0.32

VARIETY CODE	VARIETY NAME	GOSSYPOL LEVELS PLUS (+)	GOSSYPOL LEVELS MINUS (-)	GOSSYPOL LEVELS TOTAL (%)	AREALOMETER DATA A (mm2/mm3)	AREALOMETER DATA D (mm2/mm3)	AREALOMETER DATA I	AREALOMETER DATA M (%)	AREALOMETER DATA p (microns)	AREALOMETER DATA w (mg/in)	AREALOMETER DATA t (microns)
1323	STV 4554B2RF	0.59	0.83	1.41	397	19.5	1.53	93	48.36	4.72	3.2
1326	PHY 375WRF	0.57	0.79	1.36	392	19.0	1.53	92	48.76	4.81	3.3
1348	ALL TEX SUMMIT B2RF	0.61	0.83	1.44	.	.	.	.	.	.	.
1352	FM 9180B2F	0.55	0.67	1.22	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.52	0.67	1.19	435	26.5	1.69	87	48.64	4.32	2.9
1351	DPL 121RF	0.61	0.84	1.45	.	.	.	.	.	.	.
1344	FM 9058F	0.52	0.52	1.04	428	20.5	1.56	92	45.66	4.12	2.9
1169	FIBERMAX 958	0.57	0.52	1.09	.	.	.	.	.	.	.
1349	AMERICOT NG 1572RF	0.59	0.81	1.40	.	.	.	.	.	.	.
1322	DPL 143B2RF	0.66	0.83	1.49	.	.	.	.	.	.	.
1350	AMERICOT NG 2448R	0.68	0.96	1.64	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	0.65	0.81	1.47	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.51	0.64	1.15	417	18.0	1.50	94	45.03	4.18	3.1
.	LSD	0.09	0.09	0.23	36.8	11.3	0.25	9	3.70	0.33	0.5

LOCATION=CHICKASHA, OK (DRY)

VARIETY CODE	VARIETY NAME	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 (%)
1352	FM 9180B2F	1257	.	.	.	.	.	.	.	.
1326	PHY 375WRF	1145	.	.	.	.	.	.	.	.
1348	ALL TEX SUMMIT B2RF	1028	.	.	.	.	.	.	.	.
1350	AMERICOT NG 2448R	911	.	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	899	.	.	.	.	.	.	.	.
1270	DP 555BG/RR	889	.	.	.	.	.	.	.	.
1169	FIBERMAX 958	851	.	.	.	.	.	.	.	.
1344	FM 9058F	847	.	.	.	.	.	.	.	.
1166	PHYTOGEN 72	831	.	.	.	.	.	.	.	.
1349	AMERICOT NG 1572RF	707	.	.	.	.	.	.	.	.
1351	DPL 121RF	686	.	.	.	.	.	.	.	.
1323	STV 4554B2RF	504	.	.	.	.	.	.	.	.
1322	DPL 143B2RF	486	.	.	.	.	.	.	.	.
.	LSD	285	.	.	.	.	.	.	.	.

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1352	FM 9180B2F	.	.	.	.	.	.	.	.	.	.	.
1326	PHY 375WRF	.	.	.	.	.	.	.	.	.	.	.
1348	ALL TEX SUMMIT B2RF	.	.	.	.	.	.	.	.	.	.	.
1350	AMERICOT NG 2448R	.	.	.	.	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	.	.	.	.	.	.	.	.	.	.	.
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	.	.	.
1169	FIBERMAX 958	.	.	.	.	.	.	.	.	.	.	.
1344	FM 9058F	.	.	.	.	.	.	.	.	.	.	.
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	.	.
1349	AMERICOT NG 1572RF	.	.	.	.	.	.	.	.	.	.	.
1351	DPL 121RF	.	.	.	.	.	.	.	.	.	.	.
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	.	.	.
1322	DPL 143B2RF	.	.	.	.	.	.	.	.	.	.	.
.	LSD	.	.	.	.	.	.	.	.	.	.	.

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1352	FM 9180B2F	.	.	.	.	.	.	.	.	.	.
1326	PHY 375WRF	.	.	.	.	.	.	.	.	.	.
1348	ALL TEX SUMMIT B2RF	.	.	.	.	.	.	.	.	.	.
1350	AMERICOT NG 2448R	.	.	.	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	.	.	.	.	.	.	.	.	.	.
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	.	.
1169	FIBERMAX 958	.	.	.	.	.	.	.	.	.	.
1344	FM 9058F	.	.	.	.	.	.	.	.	.	.
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	.
1349	AMERICOT NG 1572RF	.	.	.	.	.	.	.	.	.	.
1351	DPL 121RF	.	.	.	.	.	.	.	.	.	.
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	.	.
1322	DPL 143B2RF	.	.	.	.	.	.	.	.	.	.
.	LSD	.	.	.	.	.	.	.	.	.	.

LOCATION=TIPTON, OK

VARIETY CODE	VARIETY NAME	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 (%)
1326	PHY 375WRF	704	4.20	43.6	8.4	103	1.05	0.55	195	7.0
1212	ALL TEX ATLAS RR	703	5.60	36.7	10.3	114	1.04	0.53	197	6.0
1270	DP 555BG/RR	701	4.45	48.4	7.2	113	1.03	0.52	194	6.0
1348	ALL TEX SUMMIT B2RF	664	4.30	40.5	9.0	102	1.03	0.52	191	6.5
1349	AMERICOT NG 1572RF	612	4.60	38.1	9.3	125	1.09	0.55	203	6.7
1323	STV 4554B2RF	597	4.60	42.8	8.8	108	1.00	0.52	214	8.5
1169	FIBERMAX 958	556	4.65	39.3	9.8	143	1.13	0.57	253	5.0
1350	AMERICOT NG 2448R	537	4.75	38.3	9.3	127	1.04	0.53	211	6.5
1166	PHYTOGEN 72	523	4.25	39.2	9.1	143	1.14	0.58	267	8.0
1344	FM 9058F	505	4.80	38.5	9.8	128	1.14	0.53	202	5.5
1322	DPL 143B2RF	471	4.50	40.9	8.5	95	1.08	0.52	212	7.0
1352	FM 9180B2F	464	4.50	38.6	9.1	126	1.12	0.55	232	7.0
1351	DPL 121RF	451	4.20	43.4	8.6	110	1.04	0.54	210	7.5
.	LSD	182	0.56	2.7	0.6	19	0.05	0.03	33	1.5

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1326	PHY 375WRF	4.70	1.05	81.2	28.5	6.6	69.5	8.1	4.50	1068	2.99	3.73
1212	ALL TEX ATLAS RR	4.15	1.00	81.3	29.5	6.6	64.5	8.1	4.25	1149	2.11	3.90
1270	DP 555BG/RR	5.45	1.10	80.4	27.0	6.2	72.5	7.4	5.45	651	1.10	4.01
1348	ALL TEX SUMMIT B2RF	4.00	1.05	81.3	26.5	6.5	68.0	7.6	3.85	937	2.31	3.88
1349	AMERICOT NG 1572RF	3.37	1.10	81.9	26.3	6.0	71.0	7.9	3.43	994	1.62	4.29
1323	STV 4554B2RF	5.20	1.00	81.3	29.5	8.3	69.5	8.5	5.30	879	3.27	3.92
1169	FIBERMAX 958	4.50	1.20	82.0	33.5	6.5	72.5	7.7	4.45	722	3.40	3.80
1350	AMERICOT NG 2448R	4.00	1.05	82.2	31.5	6.9	68.5	8.1	4.00	882	2.02	4.02
1166	PHYTOGEN 72	4.10	1.15	82.5	35.5	7.6	70.5	8.6	4.25	834	2.73	3.84
1344	FM 9058F	3.85	1.10	82.1	28.5	6.1	70.5	8.0	3.85	810	2.30	4.14
1322	DPL 143B2RF	4.35	1.10	81.1	27.5	6.3	68.0	7.8	4.30	522	3.55	3.89
1352	FM 9180B2F	3.55	1.10	81.5	31.5	6.2	68.5	7.4	3.75	827	2.62	3.79
1351	DPL 121RF	5.15	1.05	81.1	30.0	7.8	69.0	8.4	5.15	583	3.51	3.46
.	LSD	0.42	0.09	1.9	3.5	1.0	4.0	0.6	0.57	381	1.36	0.34

---GOSSYPOL LEVELS--- ----------AREALOMETER DATA----------

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
					---(mm2/mm3)---						
1326	PHY 375WRF	0.36	0.44	0.79	464	28.5	1.73	85	46.93	3.92	2.7
1212	ALL TEX ATLAS RR	0.38	0.57	0.95	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.36	0.55	0.90	411	20.0	1.55	92	47.23	4.45	3.1
1348	ALL TEX SUMMIT B2RF	0.37	0.56	0.92	.	.	.	.	.	.	.
1349	AMERICOT NG 1572RF	0.32	0.51	0.83	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.33	0.41	0.74	420	21.5	1.58	91	47.14	4.36	3.0
1169	FIBERMAX 958	0.37	0.40	0.76	.	.	.	.	.	.	.
1350	AMERICOT NG 2448R	0.41	0.61	1.02	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.39	0.57	0.95	465	24.0	1.64	88	44.29	3.69	2.7
1344	FM 9058F	0.35	0.50	0.85	505	31.0	1.77	83	44.05	3.38	2.4
1322	DPL 143B2RF	0.48	0.68	1.16	.	.	.	.	.	.	.
1352	FM 9180B2F	0.34	0.49	0.83	.	.	.	.	.	.	.
1351	DPL 121RF	0.57	0.88	1.44	.	.	.	.	.	.	.
.	LSD	0.14	0.14	0.32	70.7	12.1	0.26	10	3.97	0.82	0.6

RETURN TO 2009 NCVT COVER PAGE

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National Cotton Variety Tests, 2009
Yield, Boll, Seed, Spinning and Data

2009 EASTERN REGIONAL COTTON VARIETY TEST

2009 NCVT REGIONAL SUMMARIES BY VARIETIES

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1326	PHY 375WRF	1746	4.85	44.0	9.1	112	1.13	0.57	201	7.5
1381	DP 0949B2RF	1723	4.77	44.7	8.9	111	1.15	0.58	200	8.0
1392	DG 2570B2RF	1686	5.28	43.8	9.6	102	1.13	0.55	196	7.7
1365	FM 1740B2RF	1668	5.18	43.2	9.8	102	1.14	0.57	209	7.8
1389	PHY 565WRF	1666	4.61	43.2	8.7	116	1.17	0.58	218	8.8
1382	FM 1845LLB2	1655	5.48	40.5	10.1	118	1.21	0.59	209	7.3
1376	ST 5458B2RF	1633	5.47	42.1	10.0	99	1.16	0.56	200	7.2

1387	ST 4288B2RF	1633	5.44	41.3	9.9	107	1.16	0.56	203	7.7
1390	PHY 367WRF	1627	4.56	43.2	9.0	110	1.17	0.57	214	8.0
1391	ST 5288B2RF	1617	4.94	42.7	8.6	95	1.14	0.57	195	7.4
1345	AMERICOT 1550B2RF	1615	5.13	43.3	9.4	101	1.11	0.54	191	7.6
1370	DP 161B2RF	1602	5.04	40.9	8.9	120	1.21	0.60	210	7.0
1270	DP 555BG/RR	1574	4.70	44.6	7.6	110	1.15	0.56	209	7.0
1323	STV 4554B2RF	1551	5.05	42.1	8.8	108	1.13	0.57	203	9.1
1344	FM 9058F	1379	5.35	42.3	10.2	118	1.20	0.57	200	6.6
1166	PHYTOGEN 72	1256	5.09	40.6	9.8	128	1.18	0.59	232	7.9
.	LSD	151	0.48	1.0	0.7	8	0.03	0.02	21	1.2

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
							COLORIMETER					
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	HUNTER'S RD	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1326	PHY 375WRF	4.37	1.10	83.6	27.5	6.8	72.1	8.0	4.33	1719	2.32	3.50
1381	DP 0949B2RF	4.58	1.15	83.6	27.6	6.8	71.0	8.6	4.65	1722	2.20	3.43
1392	DG 2570B2RF	4.62	1.10	83.0	26.5	7.1	69.9	8.6	4.65	1679	1.82	3.25
1365	FM 1740B2RF	4.46	1.13	83.5	26.3	6.6	71.9	7.9	4.55	1736	1.91	3.32
1389	PHY 565WRF	4.46	1.16	84.5	29.0	7.4	71.6	8.4	4.44	1754	2.39	3.33
1382	FM 1845LLB2	4.49	1.20	84.3	28.9	6.6	73.0	7.6	4.53	1885	1.93	3.20
1376	ST 5458B2RF	4.87	1.16	83.3	28.4	6.7	71.0	8.7	4.94	1770	1.90	3.19
1387	ST 4288B2RF	4.74	1.15	83.6	26.7	6.6	71.8	8.5	4.72	1851	2.09	3.20
1390	PHY 367WRF	4.27	1.15	83.8	27.3	7.0	70.4	8.0	4.30	1632	2.16	3.23
1391	ST 5288B2RF	4.76	1.13	83.3	26.9	6.9	74.6	7.8	4.81	1728	1.93	3.18
1345	AMERICOT 1550B2RF	4.39	1.11	82.8	24.8	6.7	70.7	8.7	4.45	1655	1.80	3.30
1370	DP 161B2RF	4.39	1.19	84.6	30.0	6.8	73.1	7.8	4.41	1810	2.16	3.30
1270	DP 555BG/RR	4.30	1.11	83.0	28.6	6.2	73.0	7.7	4.38	1545	2.10	3.38
1323	STV 4554B2RF	4.35	1.13	83.8	27.7	7.4	71.6	8.7	4.43	1613	2.17	3.10
1344	FM 9058F	4.34	1.20	83.8	27.6	6.0	71.2	7.8	4.32	1334	2.24	3.28
1166	PHYTOGEN 72	4.35	1.17	84.3	31.4	7.0	69.2	8.6	4.38	1355	2.19	3.48
.	LSD	0.30	0.04	0.9	1.5	0.3	2.7	0.5	0.29	201	0.76	0.18

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
					A	D		M	p	w	t
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	---(mm2/mm3)---		I	(%)	(microns)	(mg/in)	(microns)
1326	PHY 375WRF	0.69	0.91	1.60	448	32.5	1.79	82	50.30	4.39	2.7

1381	DP 0949B2RF	0.52	0.72	1.24	.	.	.	.	.	.	.
1392	DG 2570B2RF	0.67	0.92	1.59	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.56	0.71	1.27	.	.	.	.	.	.	.
1389	PHY 565WRF	0.62	0.83	1.44	.	.	.	.	.	.	.
1382	FM 1845LLB2	0.60	0.75	1.34	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.69	1.00	1.69	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.67	1.03	1.70	.	.	.	.	.	.	.
1390	PHY 367WRF	0.63	0.83	1.46	.	.	.	.	.	.	.
1391	ST 5288B2RF	0.70	0.95	1.64	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.72	0.98	1.69	.	.	.	.	.	.	.
1370	DP 161B2RF	0.50	0.65	1.15	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.50	0.66	1.16	439	30.5	1.76	83	50.34	4.45	2.8
1323	STV 4554B2RF	0.61	0.88	1.48	426	31.2	1.76	83	51.88	4.75	2.9
1344	FM 9058F	0.57	0.64	1.21	445	27.5	1.69	86	47.80	4.17	2.8
1166	PHYTOGEN 72	0.57	0.72	1.29	441	25.4	1.65	88	46.73	4.14	2.9
.	LSD	0.05	0.08	0.13	23.9	5.5	0.10	4	1.85	0.31	0.2

INDIVIDUAL COMPONENTS -- EASTERN REGION

BOLL SIZE, GRAM PER BOLL		LINT PERCENT		SEED INDEX	
FM 1845LLB2	5.48	DP 0949B2RF	44.7	FM 9058F	10.2
ST 5458B2RF	5.47	DP 555BG/RR	44.6	FM 1845LLB2	10.1
ST 4288B2RF	5.44	PHY 375WRF	44.0	ST 5458B2RF	10.0
FM 9058F	5.35	DG 2570B2RF	43.8	ST 4288B2RF	9.9
DG 2570B2RF	5.28	AMERICOT 1550B2RF	43.3	FM 1740B2RF	9.8
FM 1740B2RF	5.18	PHY 565WRF	43.2	PHYTOGEN 72	9.8
AMERICOT 1550B2RF	5.13	PHY 367WRF	43.2	DG 2570B2RF	9.6
PHYTOGEN 72	5.09	FM 1740B2RF	43.2	AMERICOT 1550B2RF	9.4
STV 4554B2RF	5.05	ST 5288B2RF	42.7	PHY 375WRF	9.1
DP 161B2RF	5.04	FM 9058F	42.3	PHY 367WRF	9.0
ST 5288B2RF	4.94	ST 5458B2RF	42.1	DP 0949B2RF	8.9
PHY 375WRF	4.85	STV 4554B2RF	42.1	DP 161B2RF	8.9
DP 0949B2RF	4.77	ST 4288B2RF	41.3	STV 4554B2RF	8.8
DP 555BG/RR	4.70	DP 161B2RF	40.9	PHY 565WRF	8.7
PHY 565WRF	4.61	PHYTOGEN 72	40.6	ST 5288B2RF	8.6
PHY 367WRF	4.56	FM 1845LLB2	40.5	DP 555BG/RR	7.6
LSD	0.48	LSD	1.0	LSD	0.7

2.5% S.L. (INCHES)		UR (PERCENT)		STRENGTH (G/TEX)	
FM 9058F	1.20	DP 161B2RF	84.6	PHYTOGEN 72	31.4
FM 1845LLB2	1.20	PHY 565WRF	84.5	DP 161B2RF	30.0
DP 161B2RF	1.19	PHYTOGEN 72	84.3	PHY 565WRF	29.0
PHYTOGEN 72	1.17	FM 1845LLB2	84.3	FM 1845LLB2	28.9
ST 5458B2RF	1.16	STV 4554B2RF	83.8	DP 555BG/RR	28.6
PHY 565WRF	1.16	PHY 367WRF	83.8	ST 5458B2RF	28.4
ST 4288B2RF	1.15	FM 9058F	83.8	STV 4554B2RF	27.7
PHY 367WRF	1.15	DP 0949B2RF	83.6	DP 0949B2RF	27.6
DP 0949B2RF	1.15	ST 4288B2RF	83.6	FM 9058F	27.6
FM 1740B2RF	1.13	PHY 375WRF	83.6	PHY 375WRF	27.5
STV 4554B2RF	1.13	FM 1740B2RF	83.5	PHY 367WRF	27.3
ST 5288B2RF	1.13	ST 5458B2RF	83.3	ST 5288B2RF	26.9
DP 555BG/RR	1.11	ST 5288B2RF	83.3	ST 4288B2RF	26.7
AMERICOT 1550B2RF	1.11	DP 555BG/RR	83.0	DG 2570B2RF	26.5
DG 2570B2RF	1.10	DG 2570B2RF	83.0	FM 1740B2RF	26.3
PHY 375WRF	1.10	AMERICOT 1550B2RF	82.8	AMERICOT 1550B2RF	24.8
LSD	0.04	LSD	0.9	LSD	1.5

E		MICRONAIRE (SL-HVI)		COLORIMETER - Rd	
STV 4554B2RF	7.4	ST 5458B2RF	4.94	ST 5288B2RF	74.6
PHY 565WRF	7.4	ST 5288B2RF	4.81	DP 161B2RF	73.1
DG 2570B2RF	7.1	ST 4288B2RF	4.72	FM 1845LLB2	73.0
PHYTOGEN 72	7.0	DG 2570B2RF	4.65	DP 555BG/RR	73.0
PHY 367WRF	7.0	DP 0949B2RF	4.65	PHY 375WRF	72.1
ST 5288B2RF	6.9	FM 1740B2RF	4.55	FM 1740B2RF	71.9
DP 161B2RF	6.8	FM 1845LLB2	4.53	ST 4288B2RF	71.8
DP 0949B2RF	6.8	AMERICOT 1550B2RF	4.45	PHY 565WRF	71.6
PHY 375WRF	6.8	PHY 565WRF	4.44	STV 4554B2RF	71.6
AMERICOT 1550B2RF	6.7	STV 4554B2RF	4.43	FM 9058F	71.2
ST 5458B2RF	6.7	DP 161B2RF	4.41	ST 5458B2RF	71.0
FM 1740B2RF	6.6	PHYTOGEN 72	4.38	DP 0949B2RF	71.0
FM 1845LLB2	6.6	DP 555BG/RR	4.38	AMERICOT 1550B2RF	70.7
ST 4288B2RF	6.6	PHY 375WRF	4.33	PHY 367WRF	70.4
DP 555BG/RR	6.2	FM 9058F	4.32	DG 2570B2RF	69.9
FM 9058F	6.0	PHY 367WRF	4.30	PHYTOGEN 72	69.2
LSD	0.3	LSD	0.29	LSD	2.7

COLORIMETER - b		MICRONAIRE		STELOMETER - E1	
STV 4554B2RF	8.7	ST 5458B2RF	4.87	STV 4554B2RF	9.1
AMERICOT 1550B2RF	8.7	ST 5288B2RF	4.76	PHY 565WRF	8.8
ST 5458B2RF	8.7	ST 4288B2RF	4.74	DP 0949B2RF	8.0
PHYTOGEN 72	8.6	DG 2570B2RF	4.62	PHY 367WRF	8.0
DG 2570B2RF	8.6	DP 0949B2RF	4.58	PHYTOGEN 72	7.9
DP 0949B2RF	8.6	FM 1845LLB2	4.49	FM 1740B2RF	7.8
ST 4288B2RF	8.5	PHY 565WRF	4.46	ST 4288B2RF	7.7
PHY 565WRF	8.4	FM 1740B2RF	4.46	DG 2570B2RF	7.7
PHY 367WRF	8.0	AMERICOT 1550B2RF	4.39	AMERICOT 1550B2RF	7.6
PHY 375WRF	8.0	DP 161B2RF	4.39	PHY 375WRF	7.5
FM 1740B2RF	7.9	PHY 375WRF	4.37	ST 5288B2RF	7.4
FM 9058F	7.8	STV 4554B2RF	4.35	FM 1845LLB2	7.3
ST 5288B2RF	7.8	PHYTOGEN 72	4.35	ST 5458B2RF	7.2
DP 161B2RF	7.8	FM 9058F	4.34	DP 161B2RF	7.0
DP 555BG/RR	7.7	DP 555BG/RR	4.30	DP 555BG/RR	7.0
FM 1845LLB2	7.6	PHY 367WRF	4.27	FM 9058F	6.6
LSD	0.5	LSD	0.30	LSD	1.2

STELOMETER - T1		FIBROGRAPH - 50% S.L.		FIBROGRAPH - 2.5% S.L.	
PHYTOGEN 72	232	DP 161B2RF	0.60	DP 161B2RF	1.21
PHY 565WRF	218	PHYTOGEN 72	0.59	FM 1845LLB2	1.21
PHY 367WRF	214	FM 1845LLB2	0.59	FM 9058F	1.20
DP 161B2RF	210	PHY 565WRF	0.58	PHYTOGEN 72	1.18
DP 555BG/RR	209	DP 0949B2RF	0.58	PHY 565WRF	1.17
FM 1845LLB2	209	FM 9058F	0.57	PHY 367WRF	1.17
FM 1740B2RF	209	PHY 367WRF	0.57	ST 4288B2RF	1.16
STV 4554B2RF	203	PHY 375WRF	0.57	ST 5458B2RF	1.16
ST 4288B2RF	203	STV 4554B2RF	0.57	DP 0949B2RF	1.15
PHY 375WRF	201	ST 5288B2RF	0.57	DP 555BG/RR	1.15
FM 9058F	200	FM 1740B2RF	0.57	FM 1740B2RF	1.14
ST 5458B2RF	200	ST 4288B2RF	0.56	ST 5288B2RF	1.14
DP 0949B2RF	200	DP 555BG/RR	0.56	PHY 375WRF	1.13
DG 2570B2RF	196	ST 5458B2RF	0.56	STV 4554B2RF	1.13
ST 5288B2RF	195	DG 2570B2RF	0.55	DG 2570B2RF	1.13

AMERICOT 1550B2RF	191	AMERICOT 1550B2RF	0.54	AMERICOT 1550B2RF	1.11
LSD	21	LSD	0.02	LSD	0.03

YARN TENACITY		AREALOMETER - A (MM2/MM3)		AREALOMETER - D (MM2/MM3)	
PHYTOGEN 72	128	PHY 375WRF	448	PHY 375WRF	32.5
DP 161B2RF	120	FM 9058F	445	STV 4554B2RF	31.2
FM 1845LLB2	118	PHYTOGEN 72	441	DP 555BG/RR	30.5
FM 9058F	118	DP 555BG/RR	439	FM 9058F	27.5
PHY 565WRF	116	STV 4554B2RF	426	PHYTOGEN 72	25.4
PHY 375WRF	112	DP 161B2RF	.	DP 161B2RF	.
DP 0949B2RF	111	FM 1845LLB2	.	FM 1845LLB2	.
PHY 367WRF	110	PHY 565WRF	.	PHY 565WRF	.
DP 555BG/RR	110	DP 0949B2RF	.	DP 0949B2RF	.
STV 4554B2RF	108	PHY 367WRF	.	PHY 367WRF	.
ST 4288B2RF	107	ST 4288B2RF	.	ST 4288B2RF	.
DG 2570B2RF	102	DG 2570B2RF	.	DG 2570B2RF	.
FM 1740B2RF	102	FM 1740B2RF	.	FM 1740B2RF	.
AMERICOT 1550B2RF	101	AMERICOT 1550B2RF	.	AMERICOT 1550B2RF	.
ST 5458B2RF	99	ST 5458B2RF	.	ST 5458B2RF	.
ST 5288B2RF	95	ST 5288B2RF	.	ST 5288B2RF	.
LSD	8	LSD	23.9	LSD	5.5

AREALOMETER - I		AREALOMETER - M (PERCENT)		AREALOMETER - P (MIC)???	
PHY 375WRF	1.79	PHYTOGEN 72	88	STV 4554B2RF	51.88
STV 4554B2RF	1.76	FM 9058F	86	DP 555BG/RR	50.34
DP 555BG/RR	1.76	DP 555BG/RR	83	PHY 375WRF	50.30
FM 9058F	1.69	STV 4554B2RF	83	FM 9058F	47.80
PHYTOGEN 72	1.65	PHY 375WRF	82	PHYTOGEN 72	46.73
DP 161B2RF	.	DP 161B2RF	.	DP 161B2RF	.
FM 1845LLB2	.	FM 1845LLB2	.	FM 1845LLB2	.
PHY 565WRF	.	PHY 565WRF	.	PHY 565WRF	.
DP 0949B2RF	.	DP 0949B2RF	.	DP 0949B2RF	.
PHY 367WRF	.	PHY 367WRF	.	PHY 367WRF	.
ST 4288B2RF	.	ST 4288B2RF	.	ST 4288B2RF	.
DG 2570B2RF	.	DG 2570B2RF	.	DG 2570B2RF	.

FM 1740B2RF	.	FM 1740B2RF	.	FM 1740B2RF	.
AMERICOT 1550B2RF	.	AMERICOT 1550B2RF	.	AMERICOT 1550B2RF	.
ST 5458B2RF	.	ST 5458B2RF	.	ST 5458B2RF	.
ST 5288B2RF	.	ST 5288B2RF	.	ST 5288B2RF	.
LSD	0.10	LSD	4	LSD	1.85

OIL (PERCENT)		NITROGEN (PERCENT)		PLUS GOSSYPOL	
PHY 565WRF	2.39	PHY 375WRF	3.50	AMERICOT 1550B2RF	0.72
PHY 375WRF	2.32	PHYTOGEN 72	3.48	ST 5288B2RF	0.70
FM 9058F	2.24	DP 0949B2RF	3.43	PHY 375WRF	0.69
DP 0949B2RF	2.20	DP 555BG/RR	3.38	ST 5458B2RF	0.69
PHYTOGEN 72	2.19	PHY 565WRF	3.33	ST 4288B2RF	0.67
STV 4554B2RF	2.17	FM 1740B2RF	3.32	DG 2570B2RF	0.67
DP 161B2RF	2.16	AMERICOT 1550B2RF	3.30	PHY 367WRF	0.63
PHY 367WRF	2.16	DP 161B2RF	3.30	PHY 565WRF	0.62
DP 555BG/RR	2.10	FM 9058F	3.28	STV 4554B2RF	0.61
ST 4288B2RF	2.09	DG 2570B2RF	3.25	FM 1845LLB2	0.60
FM 1845LLB2	1.93	PHY 367WRF	3.23	FM 9058F	0.57
ST 5288B2RF	1.93	ST 4288B2RF	3.20	PHYTOGEN 72	0.57
FM 1740B2RF	1.91	FM 1845LLB2	3.20	FM 1740B2RF	0.56
ST 5458B2RF	1.90	ST 5458B2RF	3.19	DP 0949B2RF	0.52
DG 2570B2RF	1.82	ST 5288B2RF	3.18	DP 161B2RF	0.50
AMERICOT 1550B2RF	1.80	STV 4554B2RF	3.10	DP 555BG/RR	0.50
LSD	0.76	LSD	0.18	LSD	0.05

AREALOMETER - W (MG/INCH)		AREALOMETER - t (MICRONS)		SEED YIELD (LB/ACRE	
STV 4554B2RF	4.75	STV 4554B2RF	2.9	FM 1845LLB2	1885
DP 555BG/RR	4.45	PHYTOGEN 72	2.9	ST 4288B2RF	1851
PHY 375WRF	4.39	FM 9058F	2.8	DP 161B2RF	1810
FM 9058F	4.17	DP 555BG/RR	2.8	ST 5458B2RF	1770
PHYTOGEN 72	4.14	PHY 375WRF	2.7	PHY 565WRF	1754
DP 161B2RF	.	DP 161B2RF	.	FM 1740B2RF	1736
FM 1845LLB2	.	FM 1845LLB2	.	ST 5288B2RF	1728
PHY 565WRF	.	PHY 565WRF	.	DP 0949B2RF	1722
DP 0949B2RF	.	DP 0949B2RF	.	PHY 375WRF	1719

PHY 367WRF	.	PHY 367WRF	.	DG 2570B2RF	1679
ST 4288B2RF	.	ST 4288B2RF	.	AMERICOT 1550B2RF	1655
DG 2570B2RF	.	DG 2570B2RF	.	PHY 367WRF	1632
FM 1740B2RF	.	FM 1740B2RF	.	STV 4554B2RF	1613
AMERICOT 1550B2RF	.	AMERICOT 1550B2RF	.	DP 555BG/RR	1545
ST 5458B2RF	.	ST 5458B2RF	.	PHYTOGEN 72	1355
ST 5288B2RF	.	ST 5288B2RF	.	FM 9058F	1334
LSD	0.31	LSD	0.2	LSD	201

MINUS GOSSYPOL		TOTAL GOSSYPOL (PERCENT)	
ST 4288B2RF	1.03	ST 4288B2RF	1.70
ST 5458B2RF	1.00	ST 5458B2RF	1.69
AMERICOT 1550B2RF	0.98	AMERICOT 1550B2RF	1.69
ST 5288B2RF	0.95	ST 5288B2RF	1.64
DG 2570B2RF	0.92	PHY 375WRF	1.60
PHY 375WRF	0.91	DG 2570B2RF	1.59
STV 4554B2RF	0.88	STV 4554B2RF	1.48
PHY 565WRF	0.83	PHY 367WRF	1.46
PHY 367WRF	0.83	PHY 565WRF	1.44
FM 1845LLB2	0.75	FM 1845LLB2	1.34
PHYTOGEN 72	0.72	PHYTOGEN 72	1.29
DP 0949B2RF	0.72	FM 1740B2RF	1.27
FM 1740B2RF	0.71	DP 0949B2RF	1.24
DP 555BG/RR	0.66	FM 9058F	1.21
DP 161B2RF	0.65	DP 555BG/RR	1.16
FM 9058F	0.64	DP 161B2RF	1.15
LSD	0.08	LSD	0.13

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reg=20 REGION=EASTERN (original)

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 (%)
SUFFOLK, VA	3652	.	.	.	.	.	.	.	.

GRIFFIN, GA	1765	.	43.8	.	111	1.17	0.57	214	6.9
FLORENCE, SC	1665	.	42.4	.	.	.	.	.	.
BELLE MINA, AL	1140	5.01	43.0	9.4	111	1.17	0.58	204	8.5
AUBURN, AL	1117	4.99	44.5	9.2	92	1.10	0.55	183	8.2
JACKSON, TN	1085	5.32	42.9	.	108	1.13	0.55	192	7.5
STARKVILLE, MS	789	4.92	39.3	.	125	1.21	0.59	232	7.2

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
	MICRO-NAIRE	2.5% S.L.	UNIFO-MITY	STRE-NGTH	COLORIMETER HUNTER'S			MICRO-NAIRE	SEED YIELD	OIL	NITROGEN
LOCATION	(reading)	(in.)	(%)	(g/tex)	E	Rd	b	(Reading)	(lb/ac)	(%)	(%)
SUFFOLK, VA	.	.	.	.	.	.	.	.	.	2.12	3.26
GRIFFIN, GA	4.38	1.18	83.6	28.9	6.8	68.0	7.8	4.33	2265	1.61	3.03
FLORENCE, SC	.	.	.	.	.	.	.	.	2258	2.30	3.71
BELLE MINA, AL	4.28	1.15	84.2	28.6	7.1	73.9	8.5	4.34	1511	2.43	3.41
AUBURN, AL	5.12	1.07	82.5	26.2	6.5	68.3	8.9	5.21	1391	1.87	3.51
JACKSON, TN	4.87	1.12	83.3	26.8	7.1	73.0	7.4	4.85	1444	2.25	2.77
STARKVILLE, MS	3.85	1.20	84.6	28.3	6.6	75.1	8.3	3.92	1176	2.00	3.24

	---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
	PLUS	MINUS	TOTAL	A	D		M	p	w	t
LOCATION	(+)	(-)	(%)	---(mm2/mm3)---		I	(%)	(microns)	(mg/in)	(microns)
SUFFOLK, VA	0.64	0.83	1.47	.	.	.	.	.	.	.
GRIFFIN, GA	0.59	0.78	1.38	440	28.2	1.72	85	49.13	4.32	2.8
FLORENCE, SC	0.52	0.75	1.27	.	.	.	.	.	.	.
BELLE MINA, AL	0.64	0.85	1.49	464	38.9	1.92	77	52.07	4.37	2.6
AUBURN, AL	0.57	0.78	1.35	385	21.1	1.57	90	51.12	5.14	3.3
JACKSON, TN	0.74	1.00	1.73	415	15.5	1.44	96	43.58	4.07	3.1
STARKVILLE, MS	0.62	0.83	1.44	494	43.1	2.00	74	50.87	3.99	2.4

LOCATION=JACKSON, TN

		LINT	BOLL			YARN	DIGITAL FIBROGRAPH		STELOMETER	
VARIETY CODE	VARIETY NAME	YIELD (lb/acre)	SIZE (g/boll)	LINT PERCENT	SEED INDEX	TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)

1381	DP 0949B2RF	1368	4.62	45.1	.	.	.	.	.	.
1387	ST 4288B2RF	1341	5.88	42.4	.	100	1.12	0.55	196	8.0
1326	PHY 375WRF	1261	5.05	44.8	.	114	1.12	0.57	190	6.5
1365	FM 1740B2RF	1210	5.44	44.1	.	99	1.11	0.54	182	7.0
1389	PHY 565WRF	1192	4.66	43.7	.	116	1.15	0.56	194	8.5
1376	ST 5458B2RF	1161	5.57	42.3	.	96	1.15	0.54	180	5.5
1392	DG 2570B2RF	1114	5.75	44.0	.	106	1.11	0.53	199	9.0
1345	AMERICOT 1550B2RF	1103	4.91	43.2	.	104	1.07	0.51	172	8.0
1382	FM 1845LLB2	1091	6.18	39.7	.	112	1.16	0.56	192	7.5
1370	DP 161B2RF	1078	5.41	41.1	.	.	.	.	.	.
1390	PHY 367WRF	1054	5.11	43.5	.	111	1.14	0.56	197	8.0
1323	STV 4554B2RF	1042	6.10	41.3	.	105	1.12	0.57	191	9.0
1391	ST 5288B2RF	1009	4.83	43.1	.	99	1.15	0.56	178	7.5
1270	DP 555BG/RR	826	4.41	45.3	.	.	.	.	.	.
1166	PHYTOGEN 72	778	5.45	40.8	.	133	1.18	0.59	233	8.0
1344	FM 9058F	735	5.77	41.6	.	118	1.20	0.57	194	5.0
.	LSD	126	0.65	0.6	.	12	0.03	0.03	16	1.5

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
							COLORIMETER					
VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	E	HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1381	DP 0949B2RF	.	.	.	.	.	.	.	.	1666	.	.
1387	ST 4288B2RF	5.30	1.10	83.2	26.0	6.9	74.5	7.4	5.15	1822	2.90	2.65
1326	PHY 375WRF	4.75	1.10	83.8	26.0	7.0	73.5	7.2	4.70	1554	2.50	2.82
1365	FM 1740B2RF	4.70	1.10	82.3	25.0	6.7	72.0	7.3	4.75	1530	1.92	2.97
1389	PHY 565WRF	4.70	1.10	83.9	28.0	7.6	75.0	8.1	4.65	1533	3.23	2.74
1376	ST 5458B2RF	5.15	1.10	83.4	28.0	6.8	73.5	8.0	5.15	1581	2.67	2.48
1392	DG 2570B2RF	5.15	1.10	83.3	26.5	7.4	75.0	8.2	5.10	1417	2.05	2.70
1345	AMERICOT 1550B2RF	4.75	1.10	81.1	24.5	6.9	72.5	8.1	4.85	1449	1.91	2.75
1382	FM 1845LLB2	4.90	1.20	83.0	27.0	6.6	71.0	6.9	4.85	1661	1.63	2.69
1370	DP 161B2RF	.	.	.	.	.	.	.	.	1547	.	.
1390	PHY 367WRF	4.55	1.10	83.6	25.5	7.2	72.0	6.2	4.55	1367	1.94	2.69
1323	STV 4554B2RF	5.20	1.10	83.4	28.0	8.1	72.5	7.9	5.10	1479	2.94	2.66
1391	ST 5288B2RF	4.90	1.15	83.8	26.5	7.3	76.0	7.2	5.00	1331	1.55	2.86
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	999	.	.
1166	PHYTOGEN 72	4.90	1.15	84.3	31.0	7.5	70.5	7.3	4.85	1130	2.08	3.06
1344	FM 9058F	4.40	1.20	83.4	26.5	6.1	71.0	6.9	4.40	1032	1.95	3.00
.	LSD	0.32	0.06	1.9	1.5	0.4	4.1	1.5	0.29	169	0.86	0.23

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------					
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	M I	p (%)	w (microns)	t (mg/in)	(microns)

1381	DP 0949B2RF	.	.	.	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.77	1.18	1.96	.	.	.	.	.	.	.
1326	PHY 375WRF	0.87	1.11	1.97	422	17.5	1.49	94	44.28	4.06	3.1
1365	FM 1740B2RF	0.62	0.77	1.38	.	.	.	.	.	.	.
1389	PHY 565WRF	0.72	0.96	1.68	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.80	1.19	1.98	.	.	.	.	.	.	.
1392	DG 2570B2RF	0.79	1.13	1.92	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.87	1.18	2.05	.	.	.	.	.	.	.
1382	FM 1845LLB2	0.66	0.85	1.51	.	.	.	.	.	.	.
1370	DP 161B2RF	.	.	.	.	.	.	.	.	.	.
1390	PHY 367WRF	0.75	0.98	1.72	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.71	1.03	1.74	393	16.0	1.46	95	46.41	4.57	3.3
1391	ST 5288B2RF	0.78	1.07	1.84	.	.	.	.	.	.	.
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.69	0.90	1.60	416	12.0	1.36	99	40.83	3.80	3.2
1344	FM 9058F	0.61	0.62	1.23	430	16.5	1.46	95	42.80	3.86	3.0
.	LSD	0.08	0.08	0.20	22.3	6.6	0.17	5	5.39	0.67	0.2

LOCATION=AUBURN, AL

VARIETY CODE	VARIETY NAME	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 (%)
1389	PHY 565WRF	1468	4.43	45.0	8.3	100	1.10	0.56	179	9.0
1381	DP 0949B2RF	1386	5.10	45.2	9.0	98	1.09	0.54	179	8.0
1270	DP 555BG/RR	1308	4.56	46.0	7.3	82	1.10	0.55	183	7.5
1370	DP 161B2RF	1300	5.06	43.1	8.7	106	1.18	0.58	195	6.5
1326	PHY 375WRF	1269	4.88	46.3	9.2	103	1.08	0.57	185	7.5
1390	PHY 367WRF	1167	4.40	45.8	8.8	93	1.12	0.55	190	9.0
1382	FM 1845LLB2	1166	5.44	42.4	9.9	102	1.12	0.57	184	8.5
1391	ST 5288B2RF	1148	4.64	44.1	8.6	84	1.10	0.57	186	8.5
1365	FM 1740B2RF	1094	5.29	45.9	9.9	90	1.07	0.53	184	9.0
1323	STV 4554B2RF	1084	4.95	44.0	9.3	97	1.09	0.54	199	9.0
1392	DG 2570B2RF	1074	5.07	45.4	9.6	84	1.06	0.51	171	7.5
1345	AMERICOT 1550B2RF	1023	5.07	45.3	9.2	77	1.04	0.52	165	9.0
1387	ST 4288B2RF	995	5.09	43.5	9.5	85	1.06	0.51	177	8.5
1376	ST 5458B2RF	987	5.32	44.8	9.8	71	1.10	0.55	178	9.0
1166	PHYTOGEN 72	751	5.27	40.9	9.7	118	1.15	0.56	199	8.0
1344	FM 9058F	652	5.25	43.7	10.0	90	1.13	0.54	183	6.5
.	LSD	130	0.48	1.0	0.5	12	0.04	0.04	22	1.1

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1389	PHY 565WRF	4.95	1.10	82.6	27.5	7.4	67.0	9.0	5.00	1791	1.70	3.69
1381	DP 0949B2RF	5.20	1.10	82.3	25.0	6.5	69.0	9.4	5.30	1681	1.58	3.35
1270	DP 555BG/RR	4.90	1.05	82.6	27.0	5.9	69.5	7.9	5.05	1536	3.09	3.35
1370	DP 161B2RF	5.20	1.15	83.7	28.0	6.7	73.5	7.9	5.35	1720	1.75	3.52
1326	PHY 375WRF	5.25	1.00	82.8	28.5	6.9	71.5	8.1	5.15	1472	1.51	3.98
1390	PHY 367WRF	5.05	1.10	83.5	26.0	7.0	70.5	8.7	5.15	1384	1.16	3.81
1382	FM 1845LLB2	5.10	1.10	83.1	28.0	6.6	69.0	8.2	5.10	1582	1.25	3.53
1391	ST 5288B2RF	5.40	1.05	83.0	25.0	6.5	72.5	8.6	5.50	1453	1.95	3.41
1365	FM 1740B2RF	4.95	1.05	81.9	24.5	6.2	67.0	8.8	5.20	1289	2.41	3.28
1323	STV 4554B2RF	5.30	1.05	83.0	27.5	7.2	70.5	9.4	5.35	1381	1.90	3.26
1392	DG 2570B2RF	5.10	1.00	81.1	22.5	6.3	62.5	9.3	5.20	1293	1.20	3.58
1345	AMERICOT 1550B2RF	5.05	1.05	81.8	22.5	6.3	65.5	9.7	5.15	1234	2.32	3.55
1387	ST 4288B2RF	5.20	1.05	81.5	23.5	6.1	66.0	9.5	5.35	1290	1.54	3.61
1376	ST 5458B2RF	5.60	1.10	81.8	26.5	6.5	68.0	9.4	5.75	1217	1.61	3.12
1166	PHYTOGEN 72	4.80	1.10	83.2	29.0	6.6	64.5	9.8	4.90	1085	1.98	3.67
1344	FM 9058F	4.85	1.10	82.7	27.5	5.8	66.0	8.9	4.90	839	3.00	3.49
.	LSD	0.32	0.10	1.8	2.4	0.5	7.5	0.9	0.31	154	1.36	0.35

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1389	PHY 565WRF	0.57	0.82	1.39	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.52	0.73	1.25	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.47	0.65	1.12	394	21.0	1.57	91	49.95	4.90	3.2
1370	DP 161B2RF	0.50	0.64	1.14	.	.	.	.	.	.	.
1326	PHY 375WRF	0.62	0.80	1.42	376	22.0	1.59	90	53.13	5.47	3.3
1390	PHY 367WRF	0.59	0.82	1.41	.	.	.	.	.	.	.
1382	FM 1845LLB2	0.58	0.74	1.32	.	.	.	.	.	.	.
1391	ST 5288B2RF	0.68	0.94	1.61	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.52	0.65	1.16	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.63	0.92	1.55	376	24.5	1.64	88	54.64	5.64	3.4
1392	DG 2570B2RF	0.55	0.77	1.32	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.67	0.95	1.61	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.55	0.91	1.47	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.61	0.92	1.53	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.52	0.70	1.23	393	19.5	1.54	92	49.25	4.85	3.2
1344	FM 9058F	0.54	0.57	1.11	390	18.5	1.51	93	48.65	4.83	3.3
.	LSD	0.04	0.04	0.11	43.8	16.4	0.36	14	7.52	0.73	0.6

LOCATION=FLORENCE, SC

VARIETY CODE	VARIETY NAME	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 (%)
1392	DG 2570B2RF	1926	.	43.4	.	.	.	.	.	.
1326	PHY 375WRF	1908	.	43.6	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	1807	.	43.7	.	.	.	.	.	.
1387	ST 4288B2RF	1789	.	40.5	.	.	.	.	.	.
1270	DP 555BG/RR	1777	.	45.4	.	.	.	.	.	.
1381	DP 0949B2RF	1745	.	45.1	.	.	.	.	.	.
1323	STV 4554B2RF	1738	.	42.2	.	.	.	.	.	.
1382	FM 1845LLB2	1715	.	39.9	.	.	.	.	.	.
1390	PHY 367WRF	1711	.	42.8	.	.	.	.	.	.
1376	ST 5458B2RF	1700	.	41.5	.	.	.	.	.	.
1389	PHY 565WRF	1668	.	43.1	.	.	.	.	.	.
1365	FM 1740B2RF	1617	.	42.2	.	.	.	.	.	.
1370	DP 161B2RF	1596	.	41.2	.	.	.	.	.	.
1391	ST 5288B2RF	1517	.	43.1	.	.	.	.	.	.
1344	FM 9058F	1401	.	41.7	.	.	.	.	.	.
1166	PHYTOGEN 72	1032	.	39.6	.	.	.	.	.	.
.	LSD	188	.	1.0	.	.	.	.	.	.

VARIETY CODE	VARIETY NAME	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1392	DG 2570B2RF	.	.	.	.	.	.	.	.	2519	2.59	3.79
1326	PHY 375WRF	.	.	.	.	.	.	.	.	2471	3.11	3.94
1345	AMERICOT 1550B2RF	.	.	.	.	.	.	.	.	2330	1.92	3.61
1387	ST 4288B2RF	.	.	.	.	.	.	.	.	2636	3.24	3.52
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	2148	1.19	3.50
1381	DP 0949B2RF	.	.	.	.	.	.	.	.	2127	2.12	3.94
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	2383	1.24	3.59
1382	FM 1845LLB2	.	.	.	.	.	.	.	.	2590	2.61	3.61
1390	PHY 367WRF	.	.	.	.	.	.	.	.	2284	2.01	3.89
1376	ST 5458B2RF	.	.	.	.	.	.	.	.	2400	1.60	3.79
1389	PHY 565WRF	.	.	.	.	.	.	.	.	2202	2.03	3.87
1365	FM 1740B2RF	.	.	.	.	.	.	.	.	2217	1.76	3.75

1370	DP 161B2RF	.	.	.	.	.	.	.	.	2282	3.07	3.67
1391	ST 5288B2RF	.	.	.	.	.	.	.	.	2003	2.01	3.48
1344	FM 9058F	.	.	.	.	.	.	.	.	1961	3.53	3.67
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	1574	2.88	3.85
.	LSD	.	.	.	.	.	.	.	.	267	1.58	0.34

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1392	DG 2570B2RF	0.54	0.83	1.37	.	.	.	.	.	.	.
1326	PHY 375WRF	0.57	0.88	1.45	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.58	0.81	1.39	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.58	0.98	1.56	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.46	0.65	1.11	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.51	0.77	1.27	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.54	0.82	1.35	.	.	.	.	.	.	.
1382	FM 1845LLB2	0.57	0.75	1.32	.	.	.	.	.	.	.
1390	PHY 367WRF	0.42	0.58	1.00	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.54	0.71	1.25	.	.	.	.	.	.	.
1389	PHY 565WRF	0.45	0.61	1.06	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.45	0.62	1.06	.	.	.	.	.	.	.
1370	DP 161B2RF	0.50	0.70	1.20	.	.	.	.	.	.	.
1391	ST 5288B2RF	0.57	0.76	1.33	.	.	.	.	.	.	.
1344	FM 9058F	0.59	0.95	1.53	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.51	0.66	1.17	.	.	.	.	.	.	.
.	LSD	0.10	0.10	0.23	.	.	.	.	.	.	.

LOCATION=STARKVILLE, MS

		LINT	BOLL			YARN	DIGITAL FIBROGRAPH		STELOMETER	
VARIETY CODE	VARIETY NAME	YIELD (lb/acre)	SIZE (g/boll)	LINT PERCENT	SEED INDEX	TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1376	ST 5458B2RF	1060	5.76	40.0	.	116	1.19	0.56	230	6.0
1381	DP 0949B2RF	948	4.38	41.4	.	123	1.20	0.60	202	7.0
1389	PHY 565WRF	935	4.56	40.3	.	128	1.22	0.61	284	8.5
1365	FM 1740B2RF	871	5.36	39.9	.	122	1.21	0.62	275	7.0
1326	PHY 375WRF	867	4.84	40.2	.	123	1.19	0.59	232	9.0
1392	DG 2570B2RF	853	5.12	40.6	.	107	1.17	0.56	196	7.0

1270	DP 555BG/RR	830	4.68	40.8	.	136	1.20	0.58	221	7.0
1391	ST 5288B2RF	828	5.10	39.2	.	110	1.19	0.58	226	5.5
1370	DP 161B2RF	791	4.61	36.4	.	132	1.23	0.61	236	7.5
1387	ST 4288B2RF	771	5.38	37.6	.	123	1.24	0.60	241	5.5
1382	FM 1845LLB2	745	5.51	37.1	.	133	1.29	0.61	220	6.5
1345	AMERICOT 1550B2RF	729	4.88	40.0	.	116	1.18	0.58	200	6.5
1390	PHY 367WRF	720	4.44	40.0	.	123	1.22	0.59	269	6.5
1323	STV 4554B2RF	651	4.43	38.5	.	123	1.19	0.58	221	9.0
1344	FM 9058F	624	5.13	39.1	.	141	1.27	0.62	209	8.0
1166	PHYTOGEN 72	406	4.58	37.4	.	140	1.22	0.61	255	9.0
.	LSD	162	0.81	1.4	.	6	0.02	0.03	19	1.5

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
		MICRO-	2.5%	UNIFO-	STRE-		COLORIMETER HUNTER'S		MICRO-	SEED		NITR
VARIETY CODE	VARIETY NAME	NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)	E	Rd	b	NAIRE (Reading)	YIELD (lb/ac)	OIL (%)	OGEN (%)
1376	ST 5458B2RF	4.55	1.20	84.0	28.0	6.2	74.5	9.1	4.70	1525	2.08	3.28
1381	DP 0949B2RF	3.85	1.20	84.1	27.0	6.6	75.5	8.6	4.00	1339	3.42	2.87
1389	PHY 565WRF	4.05	1.20	85.9	29.5	7.0	74.5	7.8	4.05	1350	2.32	3.49
1365	FM 1740B2RF	4.10	1.20	85.6	27.5	6.4	77.5	7.8	4.25	1338	1.63	3.40
1326	PHY 375WRF	3.60	1.15	84.9	27.5	6.6	75.0	8.4	3.55	1248	2.03	3.29
1392	DG 2570B2RF	3.65	1.15	83.4	26.5	6.6	69.5	8.4	3.75	1034	1.98	3.11
1270	DP 555BG/RR	4.00	1.15	83.5	29.0	6.2	78.5	8.0	4.05	1113	1.21	3.46
1391	ST 5288B2RF	4.25	1.20	83.7	27.5	6.6	77.0	7.9	4.10	1399	1.70	3.19
1370	DP 161B2RF	3.50	1.20	84.9	29.5	6.6	75.5	7.6	3.60	1285	1.59	3.18
1387	ST 4288B2RF	4.15	1.20	84.9	28.0	6.4	74.5	8.6	4.10	1303	1.56	3.49
1382	FM 1845LLB2	4.15	1.30	86.0	29.0	6.2	77.5	7.3	4.30	1179	1.99	3.25
1345	AMERICOT 1550B2RF	3.75	1.15	84.2	25.5	6.8	75.0	8.9	3.85	1113	1.33	3.53
1390	PHY 367WRF	3.35	1.20	84.0	29.0	6.8	72.0	8.8	3.45	1105	2.70	2.93
1323	STV 4554B2RF	3.20	1.20	84.1	28.5	7.1	74.0	8.7	3.55	1007	2.30	3.01
1344	FM 9058F	3.90	1.30	85.8	28.5	6.2	77.5	7.8	3.95	900	2.30	2.97
1166	PHYTOGEN 72	3.55	1.20	84.9	32.0	6.8	73.5	9.0	3.50	583	1.96	3.42
.	LSD	0.56	0.08	1.3	2.1	0.4	3.8	0.8	0.52	319	0.93	0.30

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1376	ST 5458B2RF	0.77	1.11	1.87	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.52	0.70	1.21	.	.	.	.	.	.	.
1389	PHY 565WRF	0.67	0.89	1.55	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.62	0.80	1.42	.	.	.	.	.	.	.

1326	PHY 375WRF	0.68	0.90	1.57	509	44.5	2.03	74	50.11	3.81	2.3
1392	DG 2570B2RF	0.67	0.91	1.58	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.49	0.66	1.15	470	35.5	1.86	79	49.78	4.10	2.6
1391	ST 5288B2RF	0.72	1.00	1.72	.	.	.	.	.	.	.
1370	DP 161B2RF	0.44	0.59	1.03	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.67	1.01	1.68	.	.	.	.	.	.	.
1382	FM 1845LLB2	0.63	0.78	1.40	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.75	1.02	1.77	.	.	.	.	.	.	.
1390	PHY 367WRF	0.66	0.87	1.53	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.57	0.82	1.39	492	51.0	2.14	69	54.66	4.30	2.4
1344	FM 9058F	0.56	0.58	1.13	476	39.0	1.93	77	50.95	4.14	2.5
1166	PHYTOGEN 72	0.49	0.61	1.10	525	45.5	2.04	73	48.86	3.60	2.2
.	LSD	0.04	0.04	0.08	32.9	7.5	0.14	6	3.82	0.48	0.2

LOCATION=BELLE MINA, AL

VARIETY CODE	VARIETY NAME	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 (%)
1392	DG 2570B2RF	1249	5.20	43.9	9.6	110	1.15	0.57	203	8.0
1391	ST 5288B2RF	1242	5.21	43.8	8.5	87	1.13	0.57	203	9.0
1270	DP 555BG/RR	1204	5.16	45.5	8.0	111	1.16	0.58	196	8.0
1387	ST 4288B2RF	1199	5.41	41.8	10.3	117	1.21	0.60	198	8.5
1382	FM 1845LLB2	1184	4.81	41.2	10.3	127	1.27	0.63	224	7.5
1326	PHY 375WRF	1182	4.63	44.2	9.1	104	1.11	0.55	196	8.5
1381	DP 0949B2RF	1170	4.97	45.3	8.8	110	1.16	0.58	196	9.0
1365	FM 1740B2RF	1160	4.65	44.3	9.7	92	1.15	0.58	189	9.0
1389	PHY 565WRF	1145	4.79	42.3	9.1	118	1.19	0.59	206	9.5
1345	AMERICOT 1550B2RF	1124	5.66	42.9	9.7	109	1.14	0.56	218	8.0
1344	FM 9058F	1122	5.25	43.9	10.4	122	1.21	0.60	196	8.5
1370	DP 161B2RF	1119	5.11	40.5	9.1	122	1.23	0.60	219	8.0
1390	PHY 367WRF	1102	4.31	43.0	9.2	113	1.19	0.60	192	9.0
1376	ST 5458B2RF	1101	5.24	43.3	10.2	103	1.18	0.57	197	8.5
1166	PHYTOGEN 72	975	5.07	40.4	9.8	130	1.19	0.59	230	8.5
1323	STV 4554B2RF	966	4.72	42.2	8.3	111	1.10	0.57	200	9.0
.	LSD	139	0.81	1.3	0.7	9	0.04	0.03	17	1.8

VARIETY CODE	VARIETY NAME	MICRONAIRE	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L.	UNIFORMITY	STRENGTH	COLORIMETER HUNTER'S	MICRONAIRE	SEED YIELD	OIL	NITROGEN

CODE	NAME	(reading)	(in.)	(%)	(g/tex)	E	Rd	b	(Reading)	(lb/ac)	(%)	(%)
1392	DG 2570B2RF	4.45	1.10	83.6	28.5	7.8	72.0	8.7	4.50	1596	2.59	3.33
1391	ST 5288B2RF	4.65	1.10	82.8	29.0	7.4	76.5	8.0	4.65	1599	2.44	3.36
1270	DP 555BG/RR	4.25	1.10	83.3	27.0	6.3	76.5	8.2	4.45	1444	1.87	3.44
1387	ST 4288B2RF	4.45	1.20	84.6	28.5	7.1	75.5	8.6	4.55	1672	2.83	3.47
1382	FM 1845LLB2	3.90	1.20	85.4	31.5	7.1	78.0	7.7	4.00	1690	2.21	3.25
1326	PHY 375WRF	4.15	1.10	83.6	26.5	6.9	72.0	8.7	4.25	1495	4.05	3.75
1381	DP 0949B2RF	4.55	1.10	83.8	28.5	7.2	73.5	8.8	4.60	1411	1.99	3.55
1365	FM 1740B2RF	4.30	1.10	83.6	27.0	7.1	72.5	8.0	4.30	1459	1.44	3.46
1389	PHY 565WRF	4.30	1.20	85.8	29.0	7.5	73.5	8.8	4.30	1562	2.50	3.33
1345	AMERICOT 1550B2RF	4.10	1.15	83.3	26.0	7.0	73.0	9.0	4.10	1491	2.80	3.41
1344	FM 9058F	4.30	1.20	84.6	28.5	6.2	75.0	8.2	4.35	1435	0.94	3.46
1370	DP 161B2RF	4.50	1.20	85.3	30.5	7.1	76.0	8.5	4.50	1649	4.53	3.24
1390	PHY 367WRF	4.25	1.20	84.5	28.0	7.3	70.0	8.9	4.20	1465	2.26	3.16
1376	ST 5458B2RF	4.50	1.20	83.7	30.0	7.1	72.5	9.0	4.60	1442	2.23	3.54
1166	PHYTOGEN 72	4.20	1.20	85.0	32.5	7.3	72.0	8.5	4.40	1441	2.99	3.70
1323	STV 4554B2RF	3.65	1.10	84.7	26.5	7.4	73.5	9.4	3.65	1331	1.16	3.19
.	LSD	0.46	0.04	1.4	1.9	0.4	3.4	0.9	0.50	192	1.70	0.23

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS--- PLUS (+)	MINUS (-)	TOTAL (%)	AREALOMETER DATA A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1392	DG 2570B2RF	0.71	0.97	1.68	.	.	.	.	.	.	.
1391	ST 5288B2RF	0.76	1.04	1.80	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.49	0.66	1.15	446	35.5	1.86	80	52.36	4.55	2.7
1387	ST 4288B2RF	0.70	1.03	1.73	.	.	.	.	.	.	.
1382	FM 1845LLB2	0.60	0.74	1.34	.	.	.	.	.	.	.
1326	PHY 375WRF	0.72	0.90	1.61	478	45.5	2.05	72	53.87	4.39	2.5
1381	DP 0949B2RF	0.55	0.74	1.29	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.64	0.77	1.41	.	.	.	.	.	.	.
1389	PHY 565WRF	0.68	0.92	1.60	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.73	0.96	1.69	.	.	.	.	.	.	.
1344	FM 9058F	0.58	0.60	1.18	482	37.0	1.89	78	49.36	3.97	2.5
1370	DP 161B2RF	0.53	0.69	1.22	.	.	.	.	.	.	.
1390	PHY 367WRF	0.68	0.89	1.57	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.75	1.08	1.82	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.64	0.79	1.43	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.57	0.82	1.39	451	37.5	1.89	79	52.68	4.57	2.7
.	LSD	0.07	0.07	0.17	129	23.8	0.44	17	8.29	1.71	0.9

LOCATION=GRIFFIN, GA

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL 2.5% S.L. (inches)	FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1382	FM 1845LLB2	1952	.	42.8	.	117	1.20	0.58	227	6.5
1365	FM 1740B2RF	1919	.	42.6	.	107	1.19	0.57	215	7.0
1391	ST 5288B2RF	1919	.	42.6	.	95	1.14	0.56	185	6.5
1166	PHYTOGEN 72	1879	.	44.8	.	122	1.19	0.59	242	6.0
1345	AMERICOT 1550B2RF	1879	.	44.8	.	99	1.13	0.55	200	6.5
1392	DG 2570B2RF	1855	.	45.6	.	106	1.16	0.58	211	7.0
1381	DP 0949B2RF	1805	.	46.2	.	115	1.17	0.59	223	8.0
1370	DP 161B2RF	1791	.	43.0	.	121	1.22	0.60	192	6.0
1390	PHY 367WRF	1729	.	44.2	.	113	1.19	0.58	223	7.5
1387	ST 4288B2RF	1712	.	41.8	.	109	1.19	0.57	202	8.0
1376	ST 5458B2RF	1689	.	40.7	.	109	1.17	0.57	216	7.0
1389	PHY 565WRF	1689	.	44.8	.	118	1.21	0.59	230	8.5
1326	PHY 375WRF	1672	.	44.7	.	117	1.15	0.59	203	6.0
1323	STV 4554B2RF	1665	.	44.3	.	106	1.15	0.59	202	9.5
1270	DP 555BG/RR	1654	.	44.9	.	111	1.14	0.55	239	5.5
1344	FM 9058F	1428	.	43.7	.	119	1.20	0.56	222	5.0
.	LSD	284	.	1.8	.	8	0.03	0.03	17	1.5

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1382	FM 1845LLB2	4.40	1.20	83.9	29.0	6.5	69.5	7.9	4.40	2607	1.50	2.92
1365	FM 1740B2RF	4.25	1.20	84.2	27.5	6.9	70.5	7.5	4.25	2582	1.78	3.05
1391	ST 5288B2RF	4.60	1.15	83.1	26.5	6.8	71.0	7.5	4.80	2582	1.60	3.00
1166	PHYTOGEN 72	4.30	1.20	84.0	32.5	7.0	65.5	8.6	4.25	2315	1.37	3.17
1345	AMERICOT 1550B2RF	4.30	1.10	83.7	25.5	6.6	67.5	8.0	4.30	2315	0.94	3.14
1392	DG 2570B2RF	4.75	1.15	83.6	28.5	7.2	70.5	8.5	4.70	2214	1.18	3.06
1381	DP 0949B2RF	4.70	1.20	84.1	30.0	7.1	66.0	7.5	4.70	2106	1.90	3.27
1370	DP 161B2RF	4.35	1.20	84.5	32.0	6.9	67.5	7.2	4.20	2375	1.01	2.92
1390	PHY 367WRF	4.15	1.15	83.5	28.0	6.9	67.5	7.6	4.15	2185	2.17	2.89
1387	ST 4288B2RF	4.60	1.20	83.6	27.5	6.6	68.5	8.4	4.45	2382	1.09	2.82
1376	ST 5458B2RF	4.55	1.20	83.8	29.5	6.8	66.5	7.9	4.50	2456	1.13	2.95
1389	PHY 565WRF	4.30	1.20	84.2	31.0	7.3	68.0	8.3	4.20	2086	2.05	3.02
1326	PHY 375WRF	4.10	1.15	82.9	29.0	6.6	68.5	7.5	4.00	2075	1.57	3.19
1323	STV 4554B2RF	4.40	1.20	84.1	28.0	7.5	67.5	8.3	4.50	2098	1.99	2.99
1270	DP 555BG/RR	4.05	1.15	82.7	31.5	6.5	67.5	6.7	3.95	2028	2.63	3.01
1344	FM 9058F	4.25	1.20	82.7	27.0	5.8	66.5	7.3	4.00	1838	1.85	3.05
.	LSD	0.27	0.08	1.3	2.4	0.6	4.0	0.8	0.26	342	1.06	0.16

VARIETY CODE	VARIETY NAME	GOSSYPOL LEVELS PLUS (+)	GOSSYPOL LEVELS MINUS (-)	GOSSYPOL LEVELS TOTAL (%)	AREALOMETER DATA A (mm2/mm3)	AREALOMETER DATA D (mm2/mm3)	AREALOMETER DATA I	AREALOMETER DATA M (%)	AREALOMETER DATA p (microns)	AREALOMETER DATA w (mg/in)	AREALOMETER DATA t (microns)
1382	FM 1845LLB2	0.54	0.65	1.18	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.53	0.67	1.19	.	.	.	.	.	.	.
1391	ST 5288B2RF	0.67	0.91	1.58	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.53	0.66	1.19	430	24.5	1.65	88	47.99	4.31	2.9
1345	AMERICOT 1550B2RF	0.71	0.96	1.67	.	.	.	.	.	.	.
1392	DG 2570B2RF	0.66	0.89	1.55	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.52	0.67	1.19	.	.	.	.	.	.	.
1370	DP 161B2RF	0.51	0.66	1.17	.	.	.	.	.	.	.
1390	PHY 367WRF	0.65	0.84	1.49	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.65	0.97	1.62	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.65	0.97	1.62	.	.	.	.	.	.	.
1389	PHY 565WRF	0.58	0.78	1.35	.	.	.	.	.	.	.
1326	PHY 375WRF	0.70	0.90	1.60	456	33.0	1.82	82	50.11	4.25	2.6
1323	STV 4554B2RF	0.58	0.83	1.40	419	27.0	1.70	86	51.00	4.71	2.9
1270	DP 555BG/RR	0.51	0.66	1.17	448	30.0	1.76	84	49.27	4.26	2.7
1344	FM 9058F	0.55	0.56	1.11	448	26.5	1.69	86	47.27	4.08	2.8
.	LSD	0.07	0.07	0.15	28.9	11.9	0.23	9	3.97	0.23	0.3

LOCATION=SUFFOLK, VA

VARIETY CODE	VARIETY NAME	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 (%)
1326	PHY 375WRF	4066	.	.	.	.	.	.	.	.
1390	PHY 367WRF	3907	.	.	.	.	.	.	.	.
1365	FM 1740B2RF	3803	.	.	.	.	.	.	.	.
1392	DG 2570B2RF	3735	.	.	.	.	.	.	.	.
1376	ST 5458B2RF	3734	.	.	.	.	.	.	.	.
1382	FM 1845LLB2	3732	.	.	.	.	.	.	.	.
1323	STV 4554B2RF	3710	.	.	.	.	.	.	.	.
1344	FM 9058F	3687	.	.	.	.	.	.	.	.
1391	ST 5288B2RF	3657	.	.	.	.	.	.	.	.
1381	DP 0949B2RF	3642	.	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	3639	.	.	.	.	.	.	.	.

1387	ST 4288B2RF	3621	.	.	.	.	.	.	.	.
1389	PHY 565WRF	3569	.	.	.	.	.	.	.	.
1370	DP 161B2RF	3539	.	.	.	.	.	.	.	.
1270	DP 555BG/RR	3419	.	.	.	.	.	.	.	.
1166	PHYTOGEN 72	2970	.	.	.	.	.	.	.	.
.	LSD	411	.	.	.	.	.	.	.	.

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)									
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1326	PHY 375WRF	.	.	.	.	.	.	.	.	.	1.49	3.52
1390	PHY 367WRF	.	.	.	.	.	.	.	.	.	2.88	3.26
1365	FM 1740B2RF	.	.	.	.	.	.	.	.	.	2.42	3.35
1392	DG 2570B2RF	.	.	.	.	.	.	.	.	.	1.13	3.17
1376	ST 5458B2RF	.	.	.	.	.	.	.	.	.	1.99	3.20
1382	FM 1845LLB2	.	.	.	.	.	.	.	.	.	2.34	3.15
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	.	3.66	3.05
1344	FM 9058F	.	.	.	.	.	.	.	.	.	2.16	3.30
1391	ST 5288B2RF	.	.	.	.	.	.	.	.	.	2.25	3.00
1381	DP 0949B2RF	.	.	.	.	.	.	.	.	.	2.17	3.60
1345	AMERICOT 1550B2RF	.	.	.	.	.	.	.	.	.	1.37	3.14
1387	ST 4288B2RF	.	.	.	.	.	.	.	.	.	1.48	2.87
1389	PHY 565WRF	.	.	.	.	.	.	.	.	.	2.95	3.22
1370	DP 161B2RF	.	.	.	.	.	.	.	.	.	1.03	3.28
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	.	2.61	3.51
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	2.05	3.51
.	LSD	.	.	.	.	.	.	.	.	.	1.63	0.25

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1326	PHY 375WRF	0.71	0.87	1.58	.	.	.	.	.	.	.
1390	PHY 367WRF	0.66	0.84	1.49	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.56	0.70	1.25	.	.	.	.	.	.	.
1392	DG 2570B2RF	0.75	0.98	1.73	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.72	1.05	1.78	.	.	.	.	.	.	.
1382	FM 1845LLB2	0.61	0.74	1.34	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.66	0.91	1.57	.	.	.	.	.	.	.
1344	FM 9058F	0.59	0.59	1.17	.	.	.	.	.	.	.
1391	ST 5288B2RF	0.70	0.95	1.65	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.53	0.70	1.23	.	.	.	.	.	.	.

1345	AMERICOT 1550B2RF	0.73	0.95	1.67	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.76	1.11	1.87	.	.	.	.	.	.	.
1389	PHY 565WRF	0.65	0.84	1.49	.	.	.	.	.	.	.
1370	DP 161B2RF	0.52	0.65	1.17	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.56	0.71	1.27	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.59	0.72	1.31	.	.	.	.	.	.	.
.	LSD	0.07	0.07	0.14	.	.	.	.	.	.	.

RETURN TO 2009 NCVT COVER PAGE

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

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2009 National Cotton Variety Test

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National Cotton Variety Tests, 2009
Yield, Boll, Seed, Spinning and Data

2009 CENTRAL REGIONAL COTTON VARIETY TEST

2009 NCVT REGIONAL SUMMARIES BY VARIETIES

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1270	DP 555BG/RR	1080	4.03	43.2	7.5	98	1.09	0.54	192	7.1
1326	PHY 375WRF	1067	4.55	42.4	8.8	104	1.09	0.55	200	7.0
1324	STV 5327B2RF	1045	4.24	41.4	9.0	116	1.11	0.57	217	7.1

1313	PHY 485WRF	1027	4.17	40.8	6.9	108	1.11	0.58	219	8.8
1367	DP 141B2F	1008	4.40	39.5	8.6	100	1.17	0.56	200	7.0
1344	FM 9058F	986	4.94	41.5	6.6	103	1.15	0.55	198	5.7
1347	AM 1532B2F	962	4.19	40.1	9.4	97	1.13	0.57	193	7.3
1323	STV 4554B2RF	865	4.49	40.5	7.8	105	1.08	0.55	201	8.8
1346	FM 835LLB2	835	5.07	39.0	7.0	123	1.15	0.58	224	5.8
1166	PHYTOGEN 72	799	4.55	38.9	7.2	129	1.15	0.59	249	7.6
.	LSD	149	0.42	1.0	4.0	15	0.03	0.02	19	0.9

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFOMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	RD	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1270	DP 555BG/RR	4.63	1.10	82.4	27.3	6.1	71.6	8.2	4.71	1421	3.07	3.56
1326	PHY 375WRF	4.48	1.08	82.9	27.8	6.7	67.3	8.8	4.54	1447	2.87	3.62
1324	STV 5327B2RF	4.70	1.10	83.7	30.1	7.3	67.4	9.1	4.76	1491	2.33	3.54
1313	PHY 485WRF	4.80	1.10	84.1	29.5	7.7	65.0	8.9	4.79	1516	1.72	3.60
1367	DP 141B2F	4.41	1.16	83.5	28.0	6.5	68.6	8.3	4.38	1557	1.89	3.37
1344	FM 9058F	4.28	1.17	83.4	26.2	5.8	73.3	9.0	4.30	1398	3.01	3.35
1347	AM 1532B2F	4.46	1.14	83.7	27.0	6.9	68.1	9.3	4.51	1399	2.56	3.57
1323	STV 4554B2RF	4.85	1.05	82.7	29.7	7.6	64.7	9.0	4.87	1289	3.27	3.51
1346	FM 835LLB2	4.37	1.15	84.3	30.3	6.5	67.7	7.5	4.38	1334	2.66	3.53
1166	PHYTOGEN 72	4.60	1.18	83.4	33.4	7.2	67.8	9.5	4.64	1261	2.51	3.59
.	LSD	0.31	0.04	0.7	1.3	0.3	3.4	0.5	0.27	223	0.96	0.25

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------							
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)	
1270	DP 555BG/RR	0.41	0.61	1.02	448	25.0	1.65	88	46.29	4.00	2.8	
1326	PHY 375WRF	0.46	0.66	1.12	432	24.5	1.64	88	47.77	4.29	2.9	
1324	STV 5327B2RF	0.50	0.80	1.30	.	.	.	.	.	.	.	
1313	PHY 485WRF	0.50	0.90	1.39	.	.	.	.	.	.	.	
1367	DP 141B2F	0.55	0.72	1.28	.	.	.	.	.	.	.	
1344	FM 9058F	0.48	0.56	1.04	442	22.5	1.61	89	45.54	3.98	2.8	
1347	AM 1532B2F	0.47	0.75	1.22	.	.	.	.	.	.	.	

1323	STV 4554B2RF	0.44	0.73	1.16	402	18.0	1.50	94	46.60	4.48	3.2
1346	FM 835LLB2	0.41	0.53	0.94	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.41	0.60	1.01	440	22.0	1.59	90	45.30	3.99	2.9
.	LSD	0.05	0.08	0.12	.	.	.	.	.	.	.

INDIVIDUAL COMPONENTS -- CENTRAL REGION

BOLL SIZE, GRAM PER BOLL		LINT PERCENT		SEED INDEX	
FM 835LLB2	5.07	DP 555BG/RR	43.2	AM 1532B2F	9.4
FM 9058F	4.94	PHY 375WRF	42.4	STV 5327B2RF	9.0
PHY 375WRF	4.55	FM 9058F	41.5	PHY 375WRF	8.8
PHYTOGEN 72	4.55	STV 5327B2RF	41.4	DP 141B2F	8.6
STV 4554B2RF	4.49	PHY 485WRF	40.8	STV 4554B2RF	7.8
DP 141B2F	4.40	STV 4554B2RF	40.5	DP 555BG/RR	7.5
STV 5327B2RF	4.24	AM 1532B2F	40.1	PHYTOGEN 72	7.2
AM 1532B2F	4.19	DP 141B2F	39.5	FM 835LLB2	7.0
PHY 485WRF	4.17	FM 835LLB2	39.0	PHY 485WRF	6.9
DP 555BG/RR	4.03	PHYTOGEN 72	38.9	FM 9058F	6.6
LSD	0.42	LSD	1.0	LSD	4.0

2.5% S.L. (INCHES)		UR (PERCENT)		STRENGTH (G/TEX)	
PHYTOGEN 72	1.18	FM 835LLB2	84.3	PHYTOGEN 72	33.4
FM 9058F	1.17	PHY 485WRF	84.1	FM 835LLB2	30.3
DP 141B2F	1.16	AM 1532B2F	83.7	STV 5327B2RF	30.1
FM 835LLB2	1.15	STV 5327B2RF	83.7	STV 4554B2RF	29.7
AM 1532B2F	1.14	DP 141B2F	83.5	PHY 485WRF	29.5
STV 5327B2RF	1.10	FM 9058F	83.4	DP 141B2F	28.0
DP 555BG/RR	1.10	PHYTOGEN 72	83.4	PHY 375WRF	27.8
PHY 485WRF	1.10	PHY 375WRF	82.9	DP 555BG/RR	27.3
PHY 375WRF	1.08	STV 4554B2RF	82.7	AM 1532B2F	27.0
STV 4554B2RF	1.05	DP 555BG/RR	82.4	FM 9058F	26.2
LSD	0.04	LSD	0.7	LSD	1.3

E		MICRONAIRE (SL-HVI)		COLORIMETER - Rd	
PHY 485WRF	7.7	STV 4554B2RF	4.87	FM 9058F	73.3
STV 4554B2RF	7.6	PHY 485WRF	4.79	DP 555BG/RR	71.6
STV 5327B2RF	7.3	STV 5327B2RF	4.76	DP 141B2F	68.6
PHYTOGEN 72	7.2	DP 555BG/RR	4.71	AM 1532B2F	68.1
AM 1532B2F	6.9	PHYTOGEN 72	4.64	PHYTOGEN 72	67.8
PHY 375WRF	6.7	PHY 375WRF	4.54	FM 835LLB2	67.7
DP 141B2F	6.5	AM 1532B2F	4.51	STV 5327B2RF	67.4
FM 835LLB2	6.5	FM 835LLB2	4.38	PHY 375WRF	67.3
DP 555BG/RR	6.1	DP 141B2F	4.38	PHY 485WRF	65.0
FM 9058F	5.8	FM 9058F	4.30	STV 4554B2RF	64.7
LSD	0.3	LSD	0.27	LSD	3.4

COLORIMETER - b		MICRONAIRE		STELOMETER - E1	
PHYTOGEN 72	9.5	STV 4554B2RF	4.85	STV 4554B2RF	8.8
AM 1532B2F	9.3	PHY 485WRF	4.80	PHY 485WRF	8.8
STV 5327B2RF	9.1	STV 5327B2RF	4.70	PHYTOGEN 72	7.6
FM 9058F	9.0	DP 555BG/RR	4.63	AM 1532B2F	7.3
STV 4554B2RF	9.0	PHYTOGEN 72	4.60	STV 5327B2RF	7.1
PHY 485WRF	8.9	PHY 375WRF	4.48	DP 555BG/RR	7.1
PHY 375WRF	8.8	AM 1532B2F	4.46	PHY 375WRF	7.0
DP 141B2F	8.3	DP 141B2F	4.41	DP 141B2F	7.0
DP 555BG/RR	8.2	FM 835LLB2	4.37	FM 835LLB2	5.8
FM 835LLB2	7.5	FM 9058F	4.28	FM 9058F	5.7
LSD	0.5	LSD	0.31	LSD	0.9

STELOMETER - T1	
PHYTOGEN 72	249
FM 835LLB2	224
PHY 485WRF	219
STV 5327B2RF	217
STV 4554B2RF	201
PHY 375WRF	200
DP 141B2F	200
FM 9058F	198
AM 1532B2F	193
DP 555BG/RR	192
LSD	19

FIBROGRAPH - 50% S.L.	
PHYTOGEN 72	0.59
FM 835LLB2	0.58
PHY 485WRF	0.58
STV 5327B2RF	0.57
AM 1532B2F	0.57
DP 141B2F	0.56
STV 4554B2RF	0.55
FM 9058F	0.55
PHY 375WRF	0.55
DP 555BG/RR	0.54
LSD	0.02

FIBROGRAPH - 2.5% S.L.	
DP 141B2F	1.17
PHYTOGEN 72	1.15
FM 9058F	1.15
FM 835LLB2	1.15
AM 1532B2F	1.13
PHY 485WRF	1.11
STV 5327B2RF	1.11
PHY 375WRF	1.09
DP 555BG/RR	1.09
STV 4554B2RF	1.08
LSD	0.03

YARN TENACITY	
PHYTOGEN 72	129
FM 835LLB2	123
STV 5327B2RF	116
PHY 485WRF	108
STV 4554B2RF	105
PHY 375WRF	104
FM 9058F	103
DP 141B2F	100
DP 555BG/RR	98
AM 1532B2F	97
LSD	15

AREALOMETER - A (MM2/MM3)	
DP 555BG/RR	448
FM 9058F	442
PHYTOGEN 72	440
PHY 375WRF	432
STV 4554B2RF	402
FM 835LLB2	.
STV 5327B2RF	.
PHY 485WRF	.
DP 141B2F	.
AM 1532B2F	.
LSD	.

AREALOMETER - D (MM2/MM3)	
DP 555BG/RR	25.0
PHY 375WRF	24.5
FM 9058F	22.5
PHYTOGEN 72	22.0
STV 4554B2RF	18.0
FM 835LLB2	.
STV 5327B2RF	.
PHY 485WRF	.
DP 141B2F	.
AM 1532B2F	.
LSD	.

AREALOMETER - I	

AREALOMETER - M (PERCENT)	

AREALOMETER - P (MIC)???	

DP 555BG/RR	1.65
PHY 375WRF	1.64
FM 9058F	1.61
PHYTOGEN 72	1.59
STV 4554B2RF	1.50
FM 835LLB2	.
STV 5327B2RF	.
PHY 485WRF	.
DP 141B2F	.
AM 1532B2F	.
LSD	.

STV 4554B2RF	94
PHYTOGEN 72	90
FM 9058F	89
DP 555BG/RR	88
PHY 375WRF	88
FM 835LLB2	.
STV 5327B2RF	.
PHY 485WRF	.
DP 141B2F	.
AM 1532B2F	.
LSD	.

PHY 375WRF	47.77
STV 4554B2RF	46.60
DP 555BG/RR	46.29
FM 9058F	45.54
PHYTOGEN 72	45.30
FM 835LLB2	.
STV 5327B2RF	.
PHY 485WRF	.
DP 141B2F	.
AM 1532B2F	.
LSD	.

AREALOMETER - W (MG/INCH)

STV 4554B2RF	4.48
PHY 375WRF	4.29
DP 555BG/RR	4.00
PHYTOGEN 72	3.99
FM 9058F	3.98
FM 835LLB2	.
STV 5327B2RF	.
PHY 485WRF	.
DP 141B2F	.
AM 1532B2F	.
LSD	.

AREALOMETER - t (MICRONS)

STV 4554B2RF	3.2
PHY 375WRF	2.9
PHYTOGEN 72	2.9
FM 9058F	2.8
DP 555BG/RR	2.8
FM 835LLB2	.
STV 5327B2RF	.
PHY 485WRF	.
DP 141B2F	.
AM 1532B2F	.
LSD	.

SEED YIELD (LB/ACRE

	SEED YIELD
DP 141B2F	1557
PHY 485WRF	1516
STV 5327B2RF	1491
PHY 375WRF	1447
DP 555BG/RR	1421
AM 1532B2F	1399
FM 9058F	1398
FM 835LLB2	1334
STV 4554B2RF	1289
PHYTOGEN 72	1261
LSD	223

OIL (PERCENT)

STV 4554B2RF	3.27
DP 555BG/RR	3.07

NITROGEN (PERCENT)

PHY 375WRF	3.62
PHY 485WRF	3.60

PLUS GOSSYPOL

DP 141B2F	0.55
STV 5327B2RF	0.50

FM 9058F	3.01	PHYTOGEN 72	3.59	PHY 485WRF	0.50
PHY 375WRF	2.87	AM 1532B2F	3.57	FM 9058F	0.48
FM 835LLB2	2.66	DP 555BG/RR	3.56	AM 1532B2F	0.47
AM 1532B2F	2.56	STV 5327B2RF	3.54	PHY 375WRF	0.46
PHYTOGEN 72	2.51	FM 835LLB2	3.53	STV 4554B2RF	0.44
STV 5327B2RF	2.33	STV 4554B2RF	3.51	FM 835LLB2	0.41
DP 141B2F	1.89	DP 141B2F	3.37	PHYTOGEN 72	0.41
PHY 485WRF	1.72	FM 9058F	3.35	DP 555BG/RR	0.41
LSD	0.96	LSD	0.25	LSD	0.05

MINUS GOSSYPOL		TOTAL GOSSYPOL (PERCENT)	
PHY 485WRF	0.90	PHY 485WRF	1.39
STV 5327B2RF	0.80	STV 5327B2RF	1.30
AM 1532B2F	0.75	DP 141B2F	1.28
STV 4554B2RF	0.73	AM 1532B2F	1.22
DP 141B2F	0.72	STV 4554B2RF	1.16
PHY 375WRF	0.66	PHY 375WRF	1.12
DP 555BG/RR	0.61	FM 9058F	1.04
PHYTOGEN 72	0.60	DP 555BG/RR	1.02
FM 9058F	0.56	PHYTOGEN 72	1.01
FM 835LLB2	0.53	FM 835LLB2	0.94
LSD	0.08	LSD	0.12

reg=30 REGION=CENTRAL

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 (%)
WESLACO, TX	1540	4.33	40.1	7.7	111	1.14	0.57	216	7.3
COLLEGE STATION, TX	1121	4.25	40.5	5.8	123	1.13	0.58	225	7.0

CHILLOCOTHE, OK	1010	.	40.7	.	.	.	.	.	.
BOSSIER CITY, LA	748	5.41	40.9	9.6	108	1.18	0.58	208	7.7
BEEVILLE, TX	582	3.70	41.5	8.4	92	1.05	0.53	191	7.0

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)									
	MICRO-NAIRE	2.5% S.L.	UNIFO-MITY	STRE-NGTH	COLORIMETER HUNTER'S			MICRO-NAIRE	SEED YIELD	OIL	NITROGEN
LOCATION	(reading)	(in.)	(%)	(g/tex)	E	Rd	b	(Reading)	(lb/ac)	(%)	(%)
WESLACO, TX	4.39	1.13	83.2	29.2	6.7	70.3	10.2	4.44	2249	1.56	3.43
COLLEGE STATION, TX	5.03	1.12	83.6	31.4	7.0	59.4	7.8	5.01	1752	2.81	3.74
CHILLOCOTHE, OK	.	.	.	.	.	.	.	.	1424	.	.
BOSSIER CITY, LA	4.53	1.19	84.8	28.3	7.0	75.8	7.6	4.60	1083	2.15	3.48
BEEVILLE, TX	4.32	1.05	82.1	27.2	6.6	66.6	9.7	4.33	774	3.54	3.47

	GOSSYPOL LEVELS			AREALOMETER DATA						
	PLUS	MINUS	TOTAL	A	D		M	p	w	t
LOCATION	(+)	(-)	(%)	(mm2/mm3)		I	(%)	(microns)	(mg/in)	(microns)
WESLACO, TX	0.51	0.75	1.26	.	.	.	.	.	.	.
COLLEGE STATION, TX	0.45	0.67	1.11	.	.	.	.	.	.	.
CHILLOCOTHE, OK	.	.	.	.	.	.	.	.	.	.
BOSSIER CITY, LA	0.57	0.78	1.35	433	22.4	1.59	90	46.30	4.15	2.9
BEEVILLE, TX	0.34	0.58	0.91	.	.	.	.	.	.	.

LOCATION=CHILLOCOTHE, OK

VARIETY CODE	VARIETY NAME	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 (%)
1270	DP 555BG/RR	1138	.	43.9	.	.	.	.	.	.
1323	STV 4554B2RF	1105	.	41.5	.	.	.	.	.	.
1344	FM 9058F	1085	.	40.6	.	.	.	.	.	.
1367	DP 141B2F	1040	.	39.3	.	.	.	.	.	.

1326	PHY 375WRF	1032	.	42.6	.	.	.	.	.	.
1313	PHY 485WRF	963	.	40.0	.	.	.	.	.	.
1347	AM 1532B2F	944	.	40.3	.	.	.	.	.	.
1166	PHYTOGEN 72	771	.	37.7	.	.	.	.	.	.
.	LSD	171	.	1.8	.	.	.	.	.	.

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
							COLORIMETER					
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	1340	.	.
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	1566	.	.
1344	FM 9058F	.	.	.	.	.	.	.	.	1674	.	.
1367	DP 141B2F	.	.	.	.	.	.	.	.	1473	.	.
1326	PHY 375WRF	.	.	.	.	.	.	.	.	1251	.	.
1313	PHY 485WRF	.	.	.	.	.	.	.	.	1495	.	.
1347	AM 1532B2F	.	.	.	.	.	.	.	.	1349	.	.
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	1246	.	.
.	LSD	.	.	.	.	.	.	.	.	496	.	.

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	.	.
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	.	.
1344	FM 9058F	.	.	.	.	.	.	.	.	.	.
1367	DP 141B2F	.	.	.	.	.	.	.	.	.	.
1326	PHY 375WRF	.	.	.	.	.	.	.	.	.	.
1313	PHY 485WRF	.	.	.	.	.	.	.	.	.	.
1347	AM 1532B2F	.	.	.	.	.	.	.	.	.	.
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	.
.	LSD	.	.	.	.	.	.	.	.	.	.

LOCATION=COLLEGE STATION, TX

VARIETY CODE	VARIETY NAME	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 (%)
1270	DP 555BG/RR	1237	3.90	42.9	7.6	100	1.10	0.55	202	7.0
1367	DP 141B2F	1229	4.55	40.0	9.0	110	1.19	0.59	191	7.0
1324	STV 5327B2RF	1182	4.23	40.2	9.9	162	1.14	0.60	248	7.0
1326	PHY 375WRF	1175	4.28	43.2	9.3	108	1.08	0.56	210	6.0
1346	FM 835LLB2	1172	5.15	38.6	1.0	131	1.16	0.60	231	5.0
1347	AM 1532B2F	1082	3.57	39.4	9.6	112	1.11	0.56	210	7.0
1313	PHY 485WRF	1070	4.00	41.7	0.3	119	1.12	0.58	237	9.0
1323	STV 4554B2RF	1043	4.18	40.1	4.7	116	1.09	0.56	223	8.5
1166	PHYTOGEN 72	904	4.43	38.2	0.7	150	1.16	0.59	274	6.5
.	LSD	104	0.67	2.6	8.1	17	0.06	0.03	18	1.1

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1270	DP 555BG/RR	4.90	1.10	82.3	29.5	6.2	63.0	7.5	5.15	1772	3.73	3.69
1367	DP 141B2F	4.80	1.20	84.0	30.0	6.7	61.0	6.9	4.70	2059	2.35	3.23
1324	STV 5327B2RF	5.20	1.10	84.1	34.0	7.6	58.0	8.4	5.20	1905	2.54	3.83
1326	PHY 375WRF	5.35	1.10	83.2	29.5	6.8	55.5	7.5	5.25	1638	3.28	3.87
1346	FM 835LLB2	4.85	1.15	84.8	32.5	6.5	62.0	7.1	4.80	1947	2.61	3.57
1347	AM 1532B2F	4.90	1.10	83.6	29.0	7.0	59.0	8.6	4.90	1625	1.51	4.11
1313	PHY 485WRF	5.20	1.10	84.7	31.0	7.9	56.0	7.1	5.10	1687	2.32	3.91
1323	STV 4554B2RF	5.15	1.05	82.8	31.5	7.5	59.5	8.4	5.10	1608	3.95	3.55
1166	PHYTOGEN 72	4.90	1.20	82.9	35.5	7.1	60.5	8.5	4.90	1525	3.00	3.92
.	LSD	0.53	0.11	1.5	3.2	0.2	7.4	1.3	0.49	150	1.73	0.58

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1270	DP 555BG/RR	0.38	0.53	0.90	.	.	.	.	.	.	.
1367	DP 141B2F	0.59	0.70	1.30	.	.	.	.	.	.	.
1324	STV 5327B2RF	0.49	0.78	1.27	.	.	.	.	.	.	.

1326	PHY 375WRF	0.39	0.59	0.98	.	.	.	.	.	.	.
1346	FM 835LLB2	0.41	0.51	0.92	.	.	.	.	.	.	.
1347	AM 1532B2F	0.46	0.70	1.16	.	.	.	.	.	.	.
1313	PHY 485WRF	0.49	0.86	1.34	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.45	0.75	1.19	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.38	0.57	0.95	.	.	.	.	.	.	.
.	LSD	0.09	0.09	0.15	.	.	.	.	.	.	.

LOCATION=WESLACO, TX

VARIETY CODE	VARIETY NAME	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 (%)
1324	STV 5327B2RF	1702	3.87	40.9	8.6	113	1.12	0.56	216	6.5
1344	FM 9058F	1678	5.05	41.0	0.1	104	1.16	0.56	209	5.5
1326	PHY 375WRF	1675	4.60	41.7	8.8	122	1.09	0.55	224	8.0
1347	AM 1532B2F	1592	4.40	38.8	9.6	102	1.15	0.57	194	7.5
1313	PHY 485WRF	1544	4.16	39.7	8.8	115	1.15	0.59	229	9.0
1367	DP 141B2F	1458	4.12	39.0	8.3	99	1.17	0.56	212	7.0
1270	DP 555BG/RR	1425	3.88	42.6	7.8	111	1.10	0.54	207	7.0
1166	PHYTOGEN 72	1248	4.59	37.3	9.7	127	1.18	0.60	239	8.0
.	LSD	248	1.23	2.9	0.4	37	0.11	0.06	18	3.3

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1324	STV 5327B2RF	4.50	1.10	83.2	29.5	6.9	68.5	10.5	4.65	2411	1.25	3.45
1344	FM 9058F	4.40	1.15	82.6	28.0	5.8	71.0	10.0	4.45	2263	1.82	3.28
1326	PHY 375WRF	3.80	1.10	82.5	28.0	6.7	73.0	10.0	4.00	2362	1.40	3.52
1347	AM 1532B2F	4.20	1.15	84.0	27.0	6.6	72.0	10.0	4.15	2491	2.78	3.25
1313	PHY 485WRF	4.80	1.10	84.0	30.0	7.7	67.0	10.5	4.80	2350	1.05	3.38
1367	DP 141B2F	4.30	1.15	83.5	28.0	6.6	71.5	10.0	4.30	2181	1.17	3.63
1270	DP 555BG/RR	4.70	1.10	82.6	29.0	6.2	71.0	9.4	4.70	1891	1.61	3.60
1166	PHYTOGEN 72	4.40	1.20	83.2	34.0	7.1	68.0	11.0	4.50	2046	1.41	3.33

.	LSD	0.90	0.22	4.1	5.7	1.4	10.7	1.8	1.05	545	4.12	1.30

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1324	STV 5327B2RF	0.57	0.91	1.48	.	.	.	.	.	.	.
1344	FM 9058F	0.50	0.53	1.03	.	.	.	.	.	.	.
1326	PHY 375WRF	0.52	0.77	1.28	.	.	.	.	.	.	.
1347	AM 1532B2F	0.52	0.82	1.34	.	.	.	.	.	.	.
1313	PHY 485WRF	0.54	0.99	1.53	.	.	.	.	.	.	.
1367	DP 141B2F	0.56	0.73	1.29	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.47	0.65	1.12	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.42	0.60	1.02	.	.	.	.	.	.	.
.	LSD	0.13	0.13	0.33	.	.	.	.	.	.	.

LOCATION=BOSSIER CITY, LA

		LINT	BOLL			YARN	DIGITAL FIBROGRAPH		STELOMETER	
VARIETY CODE	VARIETY NAME	YIELD (lb/acre)	SIZE (g/boll)	LINT PERCENT	SEED INDEX	TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1270	DP 555BG/RR	1066	5.28	43.3	7.7	97	1.14	0.55	180	7.0
1313	PHY 485WRF	997	5.11	41.4	9.5	109	1.17	0.60	228	9.0
1326	PHY 375WRF	829	4.99	42.7	9.1	100	1.16	0.58	189	8.0
1346	FM 835LLB2	749	6.03	38.5	10.8	119	1.20	0.58	233	6.0
1367	DP 141B2F	720	5.31	39.2	9.3	108	1.23	0.58	222	7.5
1166	PHYTOGEN 72	699	5.66	40.1	9.6	128	1.17	0.61	235	9.0
1323	STV 4554B2RF	670	5.43	40.1	9.8	109	1.15	0.57	187	9.0
1347	AM 1532B2F	611	5.13	40.3	9.7	101	1.23	0.62	195	8.0
1344	FM 9058F	575	6.06	41.8	11.1	112	1.23	0.57	204	6.0
1324	STV 5327B2RF	566	5.07	41.8	9.4	101	1.17	0.61	210	7.5
.	LSD	133	0.40	1.3	0.7	20	0.03	0.03	15	1.6

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1270	DP 555BG/RR	4.40	1.20	84.0	27.0	6.3	78.5	7.2	4.45	1377	2.19	3.54
1313	PHY 485WRF	4.60	1.20	85.2	29.5	8.2	76.0	7.9	4.70	1347	1.58	3.60
1326	PHY 375WRF	4.45	1.10	84.2	27.0	7.0	75.0	8.0	4.65	1146	2.52	3.56
1346	FM 835LLB2	4.50	1.20	85.2	30.0	6.6	71.5	6.9	4.55	1207	2.57	3.57
1367	DP 141B2F	4.40	1.20	84.3	28.0	6.5	76.0	6.6	4.40	1140	2.03	3.20
1166	PHYTOGEN 72	4.70	1.20	85.1	32.0	7.5	76.5	8.1	4.70	1020	2.45	3.42
1323	STV 4554B2RF	4.90	1.10	83.5	28.5	7.8	72.5	8.5	4.95	1066	1.38	3.60
1347	AM 1532B2F	4.25	1.20	85.3	26.0	7.1	76.5	8.1	4.45	917	1.98	3.34
1344	FM 9058F	4.45	1.25	85.7	26.5	6.0	78.5	7.3	4.45	821	2.91	3.41
1324	STV 5327B2RF	4.65	1.20	85.2	28.5	7.4	76.5	7.7	4.70	789	1.86	3.53
.	LSD	0.13	0.05	2.0	2.5	0.5	3.3	0.7	0.26	245	1.57	0.41

VARIETY CODE	VARIETY NAME	GOSSYPOL LEVELS PLUS (+)	GOSSYPOL LEVELS MINUS (-)	GOSSYPOL LEVELS TOTAL (%)	AREALOMETER DATA A ---(mm2/mm3)---	AREALOMETER DATA D ---(mm2/mm3)---	AREALOMETER DATA I	AREALOMETER DATA M (%)	AREALOMETER DATA p (microns)	AREALOMETER DATA w (mg/in)	AREALOMETER DATA t (microns)
1270	DP 555BG/RR	0.51	0.74	1.25	448	25.0	1.65	88	46.29	4.00	2.8
1313	PHY 485WRF	0.64	1.03	1.66	.	.	.	.	.	.	.
1326	PHY 375WRF	0.58	0.70	1.27	432	24.5	1.64	88	47.77	4.29	2.9
1346	FM 835LLB2	0.50	0.57	1.07	.	.	.	.	.	.	.
1367	DP 141B2F	0.62	0.79	1.40	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.57	0.74	1.31	440	22.0	1.59	90	45.30	3.99	2.9
1323	STV 4554B2RF	0.55	0.83	1.38	402	18.0	1.50	94	46.60	4.48	3.2
1347	AM 1532B2F	0.58	0.89	1.46	.	.	.	.	.	.	.
1344	FM 9058F	0.62	0.74	1.35	442	22.5	1.61	89	45.54	3.98	2.8
1324	STV 5327B2RF	0.57	0.83	1.39	.	.	.	.	.	.	.
.	LSD	0.10	0.10	0.30	19.3	14.5	0.32	12	10.60	1.08	0.2

LOCATION=BEEVILLE, TX

VARIETY CODE	VARIETY NAME	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 (%)

1324	STV 5327B2RF	729	3.80	42.7	8.2	90	1.02	0.53	194	7.5
1323	STV 4554B2RF	642	3.86	40.4	8.8	89	1.02	0.53	194	9.0
1326	PHY 375WRF	625	4.34	41.7	8.1	88	1.02	0.53	177	6.0
1344	FM 9058F	606	3.71	42.5	8.4	93	1.07	0.54	180	5.5
1367	DP 141B2F	593	3.60	39.9	7.7	84	1.08	0.53	175	6.5
1346	FM 835LLB2	585	4.04	40.0	9.3	119	1.09	0.56	210	6.5
1347	AM 1532B2F	580	3.68	41.8	8.6	75	1.05	0.54	173	6.5
1313	PHY 485WRF	560	3.40	41.4	9.0	89	1.01	0.54	183	8.0
1270	DP 555BG/RR	532	3.07	43.1	6.8	83	1.01	0.51	179	7.5
1166	PHYTOGEN 72	371	3.52	41.3	9.1	111	1.10	0.56	248	7.0
.	LSD	139	0.94	2.5	1.2	16	0.03	0.02	16	1.2

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1324	STV 5327B2RF	4.45	1.00	82.3	28.5	7.2	66.5	9.9	4.50	858	3.69	3.38
1323	STV 4554B2RF	4.50	1.00	82.0	29.0	7.6	62.0	10.0	4.55	916	4.47	3.38
1326	PHY 375WRF	4.30	1.00	81.8	26.5	6.3	65.5	9.6	4.25	841	4.28	3.53
1344	FM 9058F	4.00	1.10	82.1	24.0	5.6	70.5	9.7	4.00	835	4.31	3.36
1367	DP 141B2F	4.15	1.10	82.1	26.0	6.4	66.0	9.5	4.10	933	2.02	3.42
1346	FM 835LLB2	3.75	1.10	83.1	28.5	6.6	69.5	8.6	3.80	848	2.79	3.45
1347	AM 1532B2F	4.50	1.10	82.1	26.0	6.9	65.0	10.5	4.55	614	3.97	3.57
1313	PHY 485WRF	4.60	1.00	82.6	27.5	7.2	61.0	9.9	4.55	698	1.95	3.51
1270	DP 555BG/RR	4.50	1.00	80.6	23.5	5.6	74.0	8.7	4.55	725	4.75	3.42
1166	PHYTOGEN 72	4.40	1.10	82.4	32.0	7.1	66.0	10.5	4.45	467	3.17	3.68
.	LSD	0.24	.	1.5	3.2	0.5	4.4	0.8	0.37	322	0.86	0.32

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1324	STV 5327B2RF	0.37	0.68	1.05	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.31	0.61	0.92	.	.	.	.	.	.	.
1326	PHY 375WRF	0.35	0.60	0.94	.	.	.	.	.	.	.
1344	FM 9058F	0.32	0.42	0.74	.	.	.	.	.	.	.
1367	DP 141B2F	0.45	0.68	1.12	.	.	.	.	.	.	.
1346	FM 835LLB2	0.34	0.51	0.84	.	.	.	.	.	.	.

1347	AM 1532B2F	0.34	0.58	0.92	.	.	.	.	.	.	.
1313	PHY 485WRF	0.33	0.71	1.03	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.29	0.53	0.82	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.28	0.50	0.78	.	.	.	.	.	.	.
.	LSD	0.07	0.07	0.17	.	.	.	.	.	.	.

RETURN TO 2009 NCVT COVER PAGE

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National Cotton Variety Tests, 2009
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2009 DELTA REGIONAL COTTON VARIETY TEST

2009 NCVT REGIONAL SUMMARIES BY VARIETIES

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1365	FM 1740B2RF	1371	5.40	42.8	10.6	121	1.22	0.62	225	8.5
1376	ST 5458B2RF	810	5.12	39.7	9.5	108	1.19	0.57	208	7.4
1364	DP 135B2RF	742	5.09	40.3	9.7	106	1.15	0.57	206	8.8
1316	PHY 370WR	727	4.78	40.4	9.1	117	1.13	0.59	202	7.9
1326	PHY 375WRF	700	4.62	41.0	8.9	113	1.16	0.58	203	8.1
1344	FM 9058F	684	5.49	39.6	11.1	118	1.23	0.59	222	7.3

1323	STV 4554B2RF	663	4.97	38.5	9.8	117	1.15	0.59	204	8.7
1270	DP 555BG/RR	660	4.38	42.7	7.6	118	1.16	0.56	219	7.1
1345	AMERICOT 1550B2RF	650	4.82	37.8	9.6	107	1.14	0.56	198	8.2
1358	FM 1740B2F	649	5.03	40.9	10.2	107	1.16	0.57	199	8.3
1166	PHYTOGEN 72	511	4.89	36.6	9.8	128	1.23	0.62	239	8.4
.	LSD	155	0.52	1.2	1.2	9	0.03	0.02	15	1.0

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
							COLORIMETER					
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	HUNTER'S RD	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1365	FM 1740B2RF	5.20	1.20	84.5	31.0	7.2	76.0	8.1	5.20	1779	0.89	2.90
1376	ST 5458B2RF	4.73	1.18	83.7	30.8	7.0	71.5	8.7	4.69	1094	2.37	3.20
1364	DP 135B2RF	4.58	1.14	83.7	28.4	7.0	72.9	8.8	4.38	1037	2.10	3.18
1316	PHY 370WR	4.53	1.13	84.0	29.7	7.1	72.7	8.2	4.53	954	2.35	3.28
1326	PHY 375WRF	4.28	1.14	84.1	28.6	6.9	72.3	8.1	4.19	870	2.24	3.31
1344	FM 9058F	4.20	1.22	84.6	29.6	6.4	72.5	7.5	4.20	930	2.28	3.23
1323	STV 4554B2RF	4.52	1.13	83.8	28.7	7.3	72.3	8.8	4.37	928	2.54	2.96
1270	DP 555BG/RR	4.25	1.16	83.0	28.8	6.4	74.9	7.9	4.23	753	2.59	3.27
1345	AMERICOT 1550B2RF	4.21	1.14	83.2	26.4	6.7	71.9	8.5	4.18	1000	2.62	3.27
1358	FM 1740B2F	4.62	1.18	83.5	28.2	6.7	73.2	7.7	4.52	864	2.00	3.27
1166	PHYTOGEN 72	4.51	1.21	84.6	32.5	7.0	70.5	8.6	4.40	795	2.19	3.24
.	LSD	0.45	0.05	1.3	1.5	0.5	2.5	0.4	0.40	215	1.24	0.26

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
					A	D		M	p	w	t
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	---(mm2/mm3)---		I	(%)	(microns)	(mg/in)	(microns)
1365	FM 1740B2RF	0.64	0.77	1.40	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.68	1.02	1.69	.	.	.	.	.	.	.
1364	DP 135B2RF	0.58	0.68	1.26	.	.	.	.	.	.	.
1316	PHY 370WR	0.74	1.00	1.74	.	.	.	.	.	.	.
1326	PHY 375WRF	0.70	0.91	1.61	466	35.8	1.85	80	9.55	4.15	2.6
1344	FM 9058F	0.56	0.56	1.12	460	30.3	1.74	84	7.40	4.01	2.7
1323	STV 4554B2RF	0.58	0.86	1.44	452	33.9	1.81	82	9.99	4.33	2.8
1270	DP 555BG/RR	0.47	0.61	1.07	460	34.5	1.83	81	9.89	4.24	2.6
1345	AMERICOT 1550B2RF	0.70	0.95	1.65	.	.	.	.	.	.	.
1358	FM 1740B2F	0.57	0.74	1.31	.	.	.	.	.	.	.

1166	PHYTOGEN 72	0.58	0.71	1.28	448	27.7	1.70	86	7.51	4.13	2.8
.	LSD	0.05	0.09	0.13	33.3	8.3	0.16	6	3.04	0.43	0.2

INDIVIDUAL COMPONENTS -- DELTA REGION

BOLL SIZE, GRAM PER BOLL		LINT PERCENT		SEED INDEX	
FM 9058F	5.49	FM 1740B2RF	42.8	FM 9058F	11.1
FM 1740B2RF	5.40	DP 555BG/RR	42.7	FM 1740B2RF	10.6
ST 5458B2RF	5.12	PHY 375WRF	41.0	FM 1740B2F	10.2
DP 135B2RF	5.09	FM 1740B2F	40.9	STV 4554B2RF	9.8
FM 1740B2F	5.03	PHY 370WR	40.4	PHYTOGEN 72	9.8
STV 4554B2RF	4.97	DP 135B2RF	40.3	DP 135B2RF	9.7
PHYTOGEN 72	4.89	ST 5458B2RF	39.7	AMERICOT 1550B2RF	9.6
AMERICOT 1550B2RF	4.82	FM 9058F	39.6	ST 5458B2RF	9.5
PHY 370WR	4.78	STV 4554B2RF	38.5	PHY 370WR	9.1
PHY 375WRF	4.62	AMERICOT 1550B2RF	37.8	PHY 375WRF	8.9
DP 555BG/RR	4.38	PHYTOGEN 72	36.6	DP 555BG/RR	7.6
LSD	0.52	LSD	1.2	LSD	1.2

2.5% S.L. (INCHES)		UR (PERCENT)		STRENGTH (G/TEX)	
FM 9058F	1.22	FM 9058F	84.6	PHYTOGEN 72	32.5
PHYTOGEN 72	1.21	PHYTOGEN 72	84.6	FM 1740B2RF	31.0
FM 1740B2RF	1.20	FM 1740B2RF	84.5	ST 5458B2RF	30.8
FM 1740B2F	1.18	PHY 375WRF	84.1	PHY 370WR	29.7
ST 5458B2RF	1.18	PHY 370WR	84.0	FM 9058F	29.6
DP 555BG/RR	1.16	STV 4554B2RF	83.8	DP 555BG/RR	28.8
AMERICOT 1550B2RF	1.14	ST 5458B2RF	83.7	STV 4554B2RF	28.7
PHY 375WRF	1.14	DP 135B2RF	83.7	PHY 375WRF	28.6
DP 135B2RF	1.14	FM 1740B2F	83.5	DP 135B2RF	28.4
STV 4554B2RF	1.13	AMERICOT 1550B2RF	83.2	FM 1740B2F	28.2
PHY 370WR	1.13	DP 555BG/RR	83.0	AMERICOT 1550B2RF	26.4
LSD	0.05	LSD	1.3	LSD	1.5

E		MICRONAIRE (SL-HVI)		COLORIMETER - Rd	
STV 4554B2RF	7.3	FM 1740B2RF	5.20	FM 1740B2RF	76.0
FM 1740B2RF	7.2	ST 5458B2RF	4.69	DP 555BG/RR	74.9
PHY 370WR	7.1	PHY 370WR	4.53	FM 1740B2F	73.2
PHYTOGEN 72	7.0	FM 1740B2F	4.52	DP 135B2RF	72.9
ST 5458B2RF	7.0	PHYTOGEN 72	4.40	PHY 370WR	72.7
DP 135B2RF	7.0	DP 135B2RF	4.38	FM 9058F	72.5
PHY 375WRF	6.9	STV 4554B2RF	4.37	STV 4554B2RF	72.3
FM 1740B2F	6.7	DP 555BG/RR	4.23	PHY 375WRF	72.3
AMERICOT 1550B2RF	6.7	FM 9058F	4.20	AMERICOT 1550B2RF	71.9
FM 9058F	6.4	PHY 375WRF	4.19	ST 5458B2RF	71.5
DP 555BG/RR	6.4	AMERICOT 1550B2RF	4.18	PHYTOGEN 72	70.5
LSD	0.5	LSD	0.40	LSD	2.5

COLORIMETER - b		MICRONAIRE		STELOMETER - E1	
STV 4554B2RF	8.8	FM 1740B2RF	5.20	DP 135B2RF	8.8
DP 135B2RF	8.8	ST 5458B2RF	4.73	STV 4554B2RF	8.7
ST 5458B2RF	8.7	FM 1740B2F	4.62	FM 1740B2RF	8.5
PHYTOGEN 72	8.6	DP 135B2RF	4.58	PHYTOGEN 72	8.4
AMERICOT 1550B2RF	8.5	PHY 370WR	4.53	FM 1740B2F	8.3
PHY 370WR	8.2	STV 4554B2RF	4.52	AMERICOT 1550B2RF	8.2
FM 1740B2RF	8.1	PHYTOGEN 72	4.51	PHY 375WRF	8.1
PHY 375WRF	8.1	PHY 375WRF	4.28	PHY 370WR	7.9
DP 555BG/RR	7.9	DP 555BG/RR	4.25	ST 5458B2RF	7.4
FM 1740B2F	7.7	AMERICOT 1550B2RF	4.21	FM 9058F	7.3
FM 9058F	7.5	FM 9058F	4.20	DP 555BG/RR	7.1
LSD	0.4	LSD	0.45	LSD	1.0

STELOMETER - T1		FIBROGRAPH - 50% S.L.		FIBROGRAPH - 2.5% S.L.	

PHYTOGEN 72	239	PHYTOGEN 72	0.62	FM 9058F	1.23
FM 1740B2RF	225	FM 1740B2RF	0.62	PHYTOGEN 72	1.23
FM 9058F	222	STV 4554B2RF	0.59	FM 1740B2RF	1.22
DP 555BG/RR	219	FM 9058F	0.59	ST 5458B2RF	1.19
ST 5458B2RF	208	PHY 370WR	0.59	PHY 375WRF	1.16
DP 135B2RF	206	PHY 375WRF	0.58	DP 555BG/RR	1.16
STV 4554B2RF	204	DP 135B2RF	0.57	FM 1740B2F	1.16
PHY 375WRF	203	ST 5458B2RF	0.57	DP 135B2RF	1.15
PHY 370WR	202	FM 1740B2F	0.57	STV 4554B2RF	1.15
FM 1740B2F	199	AMERICOT 1550B2RF	0.56	AMERICOT 1550B2RF	1.14
AMERICOT 1550B2RF	198	DP 555BG/RR	0.56	PHY 370WR	1.13
LSD	15	LSD	0.02	LSD	0.03

YARN TENACITY		AREALOMETER - A (MM2/MM3)		AREALOMETER - D (MM2/MM3)	
PHYTOGEN 72	128	PHY 375WRF	466	PHY 375WRF	35.8
FM 1740B2RF	121	FM 9058F	460	DP 555BG/RR	34.5
DP 555BG/RR	118	DP 555BG/RR	460	STV 4554B2RF	33.9
FM 9058F	118	STV 4554B2RF	452	FM 9058F	30.3
STV 4554B2RF	117	PHYTOGEN 72	448	PHYTOGEN 72	27.7
PHY 370WR	117	FM 1740B2RF	.	FM 1740B2RF	.
PHY 375WRF	113	PHY 370WR	.	PHY 370WR	.
ST 5458B2RF	108	ST 5458B2RF	.	ST 5458B2RF	.
FM 1740B2F	107	FM 1740B2F	.	FM 1740B2F	.
AMERICOT 1550B2RF	107	AMERICOT 1550B2RF	.	AMERICOT 1550B2RF	.
DP 135B2RF	106	DP 135B2RF	.	DP 135B2RF	.
LSD	9	LSD	33.3	LSD	8.3

AREALOMETER - I		AREALOMETER - M (PERCENT)		AREALOMETER - P (MIC)???	
PHY 375WRF	1.85	PHYTOGEN 72	86	STV 4554B2RF	49.99
DP 555BG/RR	1.83	FM 9058F	84	DP 555BG/RR	49.89
STV 4554B2RF	1.81	STV 4554B2RF	82	PHY 375WRF	49.55
FM 9058F	1.74	DP 555BG/RR	81	PHYTOGEN 72	47.51
PHYTOGEN 72	1.70	PHY 375WRF	80	FM 9058F	47.40

FM 1740B2RF	.	FM 1740B2RF	.	FM 1740B2RF	.
PHY 370WR	.	PHY 370WR	.	PHY 370WR	.
ST 5458B2RF	.	ST 5458B2RF	.	ST 5458B2RF	.
FM 1740B2F	.	FM 1740B2F	.	FM 1740B2F	.
AMERICOT 1550B2RF	.	AMERICOT 1550B2RF	.	AMERICOT 1550B2RF	.
DP 135B2RF	.	DP 135B2RF	.	DP 135B2RF	.
LSD	0.16	LSD	6	LSD	3.04

AREALOMETER - W (MG/INCH)		AREALOMETER - t (MICRONS)		SEED YIELD (LB/ACRE	
STV 4554B2RF	4.33	PHYTOGEN 72	2.8	FM 1740B2RF	1779
DP 555BG/RR	4.24	STV 4554B2RF	2.8	ST 5458B2RF	1094
PHY 375WRF	4.15	FM 9058F	2.7	DP 135B2RF	1037
PHYTOGEN 72	4.13	DP 555BG/RR	2.6	AMERICOT 1550B2RF	1000
FM 9058F	4.01	PHY 375WRF	2.6	PHY 370WR	954
FM 1740B2RF	.	FM 1740B2RF	.	FM 9058F	930
PHY 370WR	.	PHY 370WR	.	STV 4554B2RF	928
ST 5458B2RF	.	ST 5458B2RF	.	PHY 375WRF	870
FM 1740B2F	.	FM 1740B2F	.	FM 1740B2F	864
AMERICOT 1550B2RF	.	AMERICOT 1550B2RF	.	PHYTOGEN 72	795
DP 135B2RF	.	DP 135B2RF	.	DP 555BG/RR	753
LSD	0.43	LSD	0.2	LSD	215

OIL (PERCENT)		NITROGEN (PERCENT)		PLUS GOSSYPOL	
AMERICOT 1550B2RF	2.62	PHY 375WRF	3.31	PHY 370WR	0.74
DP 555BG/RR	2.59	PHY 370WR	3.28	PHY 375WRF	0.70
STV 4554B2RF	2.54	FM 1740B2F	3.27	AMERICOT 1550B2RF	0.70
ST 5458B2RF	2.37	DP 555BG/RR	3.27	ST 5458B2RF	0.68
PHY 370WR	2.35	AMERICOT 1550B2RF	3.27	FM 1740B2RF	0.64
FM 9058F	2.28	PHYTOGEN 72	3.24	DP 135B2RF	0.58
PHY 375WRF	2.24	FM 9058F	3.23	STV 4554B2RF	0.58
PHYTOGEN 72	2.19	ST 5458B2RF	3.20	PHYTOGEN 72	0.58
DP 135B2RF	2.10	DP 135B2RF	3.18	FM 1740B2F	0.57
FM 1740B2F	2.00	STV 4554B2RF	2.96	FM 9058F	0.56

FM 1740B2RF	0.89	FM 1740B2RF	2.90	DP 555BG/RR	0.47
LSD	1.24	LSD	0.26	LSD	0.05

MINUS GOSSYPOL		TOTAL GOSSYPOL (PERCENT)	
ST 5458B2RF	1.02	PHY 370WR	1.74
PHY 370WR	1.00	ST 5458B2RF	1.69
AMERICOT 1550B2RF	0.95	AMERICOT 1550B2RF	1.65
PHY 375WRF	0.91	PHY 375WRF	1.61
STV 4554B2RF	0.86	STV 4554B2RF	1.44
FM 1740B2RF	0.77	FM 1740B2RF	1.40
FM 1740B2F	0.74	FM 1740B2F	1.31
PHYTOGEN 72	0.71	PHYTOGEN 72	1.28
DP 135B2RF	0.68	DP 135B2RF	1.26
DP 555BG/RR	0.61	FM 9058F	1.12
FM 9058F	0.56	DP 555BG/RR	1.07
LSD	0.09	LSD	0.13

reg=40 REGION=DELTA

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 (%)
STONEVILLE, MS	935	5.18	41.8	9.3	118	1.18	0.60	216	8.0
KEISER, AR	818	4.68	40.3	9.8	111	1.16	0.58	207	7.5
PORTAGEVILLE, MO	330	.	37.3	9.6	112	1.17	0.56	208	8.7

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)								
LOCATION	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)

STONEVILLE, MS	4.74	1.17	84.5	30.1	7.0	75.1	8.0	4.70	1146	1.80	2.92
KEISER, AR	4.88	1.15	84.2	29.2	7.1	73.5	7.5	4.72	1129	3.09	3.35
PORTAGEVILLE, MO	3.76	1.17	82.8	28.3	6.4	68.9	9.4	3.74	555	1.99	3.40

	---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
	PLUS	MINUS	TOTAL	A	D		M	p	w	t
LOCATION	(+)	(-)	(%)	---(mm2/mm3)---		I	(%)	(microns)	(mg/in)	(microns)
STONEVILLE, MS	0.65	0.87	1.52	430	21.8	1.58	90	46.34	4.22	2.9
KEISER, AR	0.64	0.82	1.45	422	24.0	1.63	88	48.53	4.45	2.9
PORTAGEVILLE, MO	0.55	0.72	1.27	520	51.6	2.14	69	51.74	3.85	2.2

LOCATION=STONEVILLE, MS

VARIETY CODE	VARIETY NAME	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 (%)
1365	FM 1740B2RF	1371	5.40	42.8	10.6	121	1.22	0.62	225	8.5
1376	ST 5458B2RF	1047	5.45	41.7	9.4	113	1.21	0.59	205	6.7
1323	STV 4554B2RF	999	5.41	41.0	9.1	126	1.16	0.60	210	7.7
1316	PHY 370WR	980	5.01	42.3	8.9	119	1.14	0.60	203	8.3
1326	PHY 375WRF	940	4.84	43.2	8.8	119	1.14	0.59	216	8.3
1364	DP 135B2RF	938	5.59	42.5	9.6	108	1.17	0.60	208	9.0
1345	AMERICOT 1550B2RF	894	4.99	39.3	9.2	112	1.16	0.59	214	8.7
1270	DP 555BG/RR	855	4.29	44.6	7.0	115	1.18	0.57	218	6.7
1344	FM 9058F	821	5.62	40.7	10.4	125	1.24	0.62	238	7.0
1166	PHYTOGEN 72	765	5.17	37.8	9.7	138	1.21	0.63	243	8.3
1358	FM 1740B2F	675	5.24	43.5	9.2	107	1.17	0.58	195	9.0
.	LSD	461	0.75	2.5	2.0	20	0.08	0.05	40	1.5

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
		MICRO-	2.5%	UNIFO-	STRE-		COLORIMETER HUNTER'S		MICRO-	SEED		NITR
VARIETY CODE	VARIETY NAME	NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)	E	Rd	b	NAIRE (Reading)	YIELD (lb/ac)	OIL (%)	OGEN (%)
1365	FM 1740B2RF	5.20	1.20	84.5	31.0	7.2	76.0	8.1	5.20	1779	0.89	2.90

1376	ST 5458B2RF	5.10	1.20	84.5	32.0	7.3	74.0	8.3	5.07	1203	1.83	3.20
1323	STV 4554B2RF	4.97	1.13	84.5	30.7	7.2	74.3	8.4	4.87	1095	1.91	2.68
1316	PHY 370WR	4.85	1.13	84.3	30.5	7.3	74.5	7.9	4.80	1164	1.97	2.96
1326	PHY 375WRF	4.73	1.13	84.6	28.3	7.0	74.3	7.5	4.63	1075	1.12	2.94
1364	DP 135B2RF	4.93	1.17	85.6	29.3	7.3	75.7	8.3	4.80	1143	1.20	2.83
1345	AMERICOT 1550B2RF	4.73	1.13	84.6	27.3	7.0	74.7	8.4	4.63	1312	1.99	2.82
1270	DP 555BG/RR	4.30	1.13	83.1	29.0	6.4	78.3	7.6	4.40	798	2.19	2.88
1344	FM 9058F	4.25	1.25	85.7	31.8	6.9	75.5	7.2	4.25	1029	2.44	2.90
1166	PHYTOGEN 72	4.63	1.23	84.9	33.0	7.1	71.0	8.7	4.60	1134	2.17	3.00
1358	FM 1740B2F	4.45	1.20	83.1	28.5	6.9	78.0	7.4	4.45	874	2.15	3.03
.	LSD	1.04	0.09	2.3	2.3	0.4	3.5	0.7	0.81	747	1.47	0.22

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1365	FM 1740B2RF	0.64	0.77	1.40	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.75	1.16	1.91	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.65	1.02	1.67	408	22.3	1.59	90	49.27	4.73	3.1
1316	PHY 370WR	0.79	1.08	1.86	.	.	.	.	.	.	.
1326	PHY 375WRF	0.77	1.01	1.79	425	21.3	1.57	91	46.54	4.26	3.0
1364	DP 135B2RF	0.60	0.70	1.29	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.75	1.03	1.78	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.50	0.64	1.13	448	27.0	1.70	86	47.77	4.15	2.7
1344	FM 9058F	0.58	0.59	1.17	454	21.5	1.58	90	43.97	3.82	2.8
1166	PHYTOGEN 72	0.56	0.70	1.26	416	16.7	1.46	94	44.15	4.13	3.1
1358	FM 1740B2F	0.61	0.86	1.46	.	.	.	.	.	.	.
.	LSD	0.11	0.11	0.25	75.6	7.2	0.16	6	5.54	1.15	0.6

LOCATION=PORTAGEVILLE, MO

VARIETY CODE	VARIETY NAME	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 (%)
1376	ST 5458B2RF	498	.	37.3	9.0	105	1.19	0.55	200	8.0
1344	FM 9058F	417	.	37.5	12.0	107	1.22	0.56	215	8.5
1358	FM 1740B2F	386	.	38.3	11.0	113	1.16	0.56	205	9.0
1323	STV 4554B2RF	327	.	35.5	11.0	115	1.16	0.57	202	9.5
1316	PHY 370WR	327	.	38.3	8.0	115	1.13	0.56	204	8.5

1364	DP 135B2RF	327	.	38.3	10.0	109	1.13	0.56	201	9.0
1326	PHY 375WRF	300	.	37.8	8.0	112	1.18	0.58	199	8.5
1345	AMERICOT 1550B2RF	272	.	34.8	10.0	107	1.17	0.56	188	9.0
1270	DP 555BG/RR	249	.	41.3	8.0	116	1.16	0.55	221	7.5
1166	PHYTOGEN 72	200	.	34.0	9.0	123	1.23	0.61	247	9.0
.	LSD	88	.	2.4	2.9	5	0.03	0.02	17	1.1

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1376	ST 5458B2RF	3.85	1.20	82.9	30.5	6.7	66.5	9.7	3.90	836	2.24	3.15
1344	FM 9058F	3.70	1.20	82.9	28.5	5.9	68.5	8.7	3.70	694	1.10	3.49
1358	FM 1740B2F	4.55	1.15	83.1	28.0	6.5	70.0	8.9	4.40	623	1.75	3.41
1323	STV 4554B2RF	3.70	1.15	83.2	26.5	6.7	69.0	10.0	3.65	596	1.44	3.22
1316	PHY 370WR	3.70	1.10	83.1	28.0	6.5	70.5	9.3	3.70	525	2.43	3.33
1364	DP 135B2RF	4.00	1.15	82.5	28.0	6.8	68.5	9.7	3.85	532	2.79	3.25
1326	PHY 375WRF	3.35	1.15	82.6	28.0	6.2	67.5	9.4	3.35	495	1.92	3.64
1345	AMERICOT 1550B2RF	3.30	1.20	82.4	26.0	6.0	69.5	9.4	3.40	508	3.29	3.38
1270	DP 555BG/RR	3.55	1.20	82.6	28.5	6.0	70.5	9.3	3.55	355	1.98	3.64
1166	PHYTOGEN 72	3.85	1.20	83.2	31.0	6.8	68.0	9.5	3.90	389	1.02	3.47
.	LSD	0.14	0.10	1.3	2.5	0.5	2.6	1.0	0.19	146	1.10	0.33

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1376	ST 5458B2RF	0.61	0.88	1.49	.	.	.	.	.	.	.
1344	FM 9058F	0.50	0.53	1.02	508	49.5	2.12	70	52.17	3.97	2.3
1358	FM 1740B2F	0.52	0.65	1.17	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.52	0.75	1.26	526	56.5	2.22	66	53.05	3.90	2.2
1316	PHY 370WR	0.66	0.91	1.57	.	.	.	.	.	.	.
1364	DP 135B2RF	0.52	0.62	1.14	.	.	.	.	.	.	.
1326	PHY 375WRF	0.60	0.80	1.39	546	58.0	2.25	65	51.69	3.66	2.1
1345	AMERICOT 1550B2RF	0.62	0.85	1.46	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.42	0.56	0.97	520	53.5	2.18	68	52.53	3.91	2.2
1166	PHYTOGEN 72	0.54	0.66	1.20	498	40.5	1.95	76	49.27	3.83	2.4
.	LSD	0.04	0.04	0.08	38.0	17.0	0.28	10	4.25	0.32	0.2

LOCATION=KEISER, AR

VARIETY CODE	VARIETY NAME	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 (%)
1364	DP 135B2RF	962	4.59	40.2	9.5	103	1.15	0.56	209	8.5
1358	FM 1740B2F	887	4.81	40.8	10.3	102	1.16	0.56	197	7.0
1376	ST 5458B2RF	886	4.80	40.0	10.1	106	1.16	0.57	220	7.5
1270	DP 555BG/RR	877	4.47	42.4	7.7	124	1.15	0.56	218	7.0
1316	PHY 370WR	875	4.56	40.7	10.2	116	1.13	0.60	200	7.0
1326	PHY 375WRF	862	4.40	41.9	9.8	110	1.17	0.58	193	7.5
1344	FM 9058F	813	5.36	40.6	11.0	122	1.23	0.58	213	6.5
1345	AMERICOT 1550B2RF	784	4.64	39.4	9.7	101	1.11	0.54	192	7.0
1323	STV 4554B2RF	664	4.54	38.9	9.4	110	1.13	0.60	199	9.0
1166	PHYTOGEN 72	568	4.61	37.9	10.6	123	1.24	0.62	228	8.0
.	LSD	168	0.71	1.8	0.8	13	0.03	0.04	26	1.4

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1364	DP 135B2RF	4.80	1.10	83.0	28.0	7.0	74.5	8.4	4.50	1435	2.31	3.46
1358	FM 1740B2F	4.85	1.20	84.5	28.0	6.8	71.5	6.9	4.70	1094	2.10	3.38
1376	ST 5458B2RF	5.25	1.15	83.9	30.0	7.2	74.0	8.3	5.10	1243	3.05	3.26
1270	DP 555BG/RR	4.90	1.15	83.3	29.0	6.7	76.0	6.8	4.75	1105	3.59	3.30
1316	PHY 370WR	5.05	1.15	84.6	30.5	7.4	73.0	7.4	5.10	1174	2.64	3.54
1326	PHY 375WRF	4.75	1.15	85.2	29.5	7.4	75.0	7.3	4.60	1040	3.70	3.37
1344	FM 9058F	4.65	1.20	85.2	28.5	6.3	73.5	6.7	4.65	1065	3.31	3.31
1345	AMERICOT 1550B2RF	4.60	1.10	82.7	26.0	7.0	71.5	7.8	4.50	1180	2.59	3.61
1323	STV 4554B2RF	4.90	1.10	83.9	29.0	8.2	73.5	8.2	4.60	1093	4.29	2.99
1166	PHYTOGEN 72	5.05	1.20	85.7	33.5	7.3	72.5	7.7	4.70	863	3.39	3.26
.	LSD	0.57	0.10	1.4	3.1	0.3	5.4	0.8	0.57	361	1.62	0.31

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1364	DP 135B2RF	0.63	0.73	1.35	.	.	.	.	.	.	.

1358	FM 1740B2F	0.59	0.72	1.31	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.68	1.01	1.68	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.49	0.64	1.13	412	23.0	1.62	89	49.39	4.65	3.0
1316	PHY 370WR	0.76	1.02	1.78	.	.	.	.	.	.	.
1326	PHY 375WRF	0.74	0.92	1.65	429	28.0	1.72	85	50.42	4.54	2.8
1344	FM 9058F	0.59	0.58	1.17	420	20.0	1.54	92	46.05	4.25	3.1
1345	AMERICOT 1550B2RF	0.73	0.98	1.70	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.57	0.82	1.39	423	23.0	1.61	90	47.66	4.36	3.0
1166	PHYTOGEN 72	0.63	0.76	1.40	429	26.0	1.68	87	49.12	4.44	2.9
.	LSD	0.05	0.05	0.12	27.7	8.8	0.18	7	5.51	0.70	0.2

RETURN TO 2009 NCVT COVER PAGE

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

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2009 National Cotton Variety Test

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National Cotton Variety Tests, 2009
Yield, Boll, Seed, Spinning and Data

2009 WESTERN REGIONAL COTTON VARIETY TEST

2009 NCVT REGIONAL SUMMARIES BY VARIETIES

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1313	PHY 485WRF	1151	4.42	33.2	9.1	115	1.15	0.58	202	7.0
1326	PHY 375WRF	1118	4.42	37.6	9.4	103	1.14	0.56	196	6.0
1368	FM 989B2R	959	5.56	33.3	10.3	129	1.17	0.59	233	6.0
1166	PHYTOGEN 72	884	4.94	35.4	10.1	134	1.18	0.57	235	6.0
1312	NM 03012	861	5.36	33.1	11.2	136	1.24	0.61	247	6.5
1344	FM 9058F	859	4.81	36.6	9.8	107	1.17	0.56	199	5.5

1128	ACALA 1517-99	805	5.20	32.9	11.2	143	1.22	0.60	237	6.0
1323	STV 4554B2RF	784	4.70	35.3	9.2	105	1.13	0.57	209	9.0
1270	DP 555BG/RR	727	4.44	36.9	8.0	108	1.13	0.54	197	6.0

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	RD	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1313	PHY 485WRF	4.25	1.20	82.2	30.5	7.9	70.5	10.0	4.35	2003	0.97	3.22
1326	PHY 375WRF	4.45	1.10	82.5	27.5	6.9	75.5	9.4	4.50	1788	2.08	3.20
1368	FM 989B2R	4.60	1.20	82.5	31.5	6.8	75.0	9.4	4.65	1740	0.83	3.12
1166	PHYTOGEN 72	4.55	1.20	83.4	34.0	7.6	72.0	9.8	4.55	1570	1.51	3.32
1312	NM 03012	4.60	1.30	84.7	36.0	7.3	70.0	10.0	4.60	1600	1.74	3.37
1344	FM 9058F	4.65	1.15	81.0	29.0	6.3	72.5	9.2	4.70	1466	1.44	3.06
1128	ACALA 1517-99	4.15	1.30	84.0	36.0	7.0	77.0	9.5	4.15	1513	1.76	3.45
1323	STV 4554B2RF	4.45	1.15	82.8	29.5	8.1	76.5	9.3	4.40	1231	1.04	3.09
1270	DP 555BG/RR	4.20	1.15	81.4	28.0	6.6	79.0	8.7	4.25	1107	1.49	3.29

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1313	PHY 485WRF	0.61	0.97	1.58	.	.	.	.	.	.	.
1326	PHY 375WRF	0.72	0.92	1.63	448	29.5	1.75	84	49.17	4.25	2.7
1368	FM 989B2R	0.68	0.84	1.51	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.58	0.76	1.34	435	23.5	1.62	89	46.65	4.15	2.9
1312	NM 03012	0.63	0.87	1.50	.	.	.	.	.	.	.
1344	FM 9058F	0.69	0.69	1.37	433	19.5	1.54	92	44.59	3.99	3.0
1128	ACALA 1517-99	0.59	0.82	1.41	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.59	0.83	1.42	449	28.5	1.72	85	48.16	4.14	2.7
1270	DP 555BG/RR	0.62	0.82	1.43	466	27.5	1.71	85	46.12	3.84	2.7

INDIVIDUAL COMPONENTS -- WESTERN REGION

BOLL SIZE, GRAM PER BOLL	
FM 989B2R	5.56
NM 03012	5.36
ACALA 1517-99	5.20
PHYTOGEN 72	4.94
FM 9058F	4.81
STV 4554B2RF	4.70
DP 555BG/RR	4.44
PHY 375WRF	4.42
PHY 485WRF	4.42

LINT PERCENT	
PHY 375WRF	37.6
DP 555BG/RR	36.9
FM 9058F	36.6
PHYTOGEN 72	35.4
STV 4554B2RF	35.3
FM 989B2R	33.3
PHY 485WRF	33.2
NM 03012	33.1
ACALA 1517-99	32.9

SEED INDEX	
ACALA 1517-99	11.2
NM 03012	11.2
FM 989B2R	10.3
PHYTOGEN 72	10.1
FM 9058F	9.8
PHY 375WRF	9.4
STV 4554B2RF	9.2
PHY 485WRF	9.1
DP 555BG/RR	8.0

2.5% S.L. (INCHES)	
ACALA 1517-99	1.30
NM 03012	1.30
FM 989B2R	1.20
PHYTOGEN 72	1.20
PHY 485WRF	1.20
FM 9058F	1.15
STV 4554B2RF	1.15
DP 555BG/RR	1.15
PHY 375WRF	1.10

UR (PERCENT)	
NM 03012	84.7
ACALA 1517-99	84.0
PHYTOGEN 72	83.4
STV 4554B2RF	82.8
FM 989B2R	82.5
PHY 375WRF	82.5
PHY 485WRF	82.2
DP 555BG/RR	81.4
FM 9058F	81.0

STRENGTH (G/TEX)	
NM 03012	36.0
ACALA 1517-99	36.0
PHYTOGEN 72	34.0
FM 989B2R	31.5
PHY 485WRF	30.5
STV 4554B2RF	29.5
FM 9058F	29.0
DP 555BG/RR	28.0
PHY 375WRF	27.5

E	
STV 4554B2RF	8.1
PHY 485WRF	7.9
PHYTOGEN 72	7.6
NM 03012	7.3
ACALA 1517-99	7.0
PHY 375WRF	6.9
FM 989B2R	6.8
DP 555BG/RR	6.6
FM 9058F	6.3

MICRONAIRE (SL-HVI)	
FM 9058F	4.70
FM 989B2R	4.65
NM 03012	4.60
PHYTOGEN 72	4.55
PHY 375WRF	4.50
STV 4554B2RF	4.40
PHY 485WRF	4.35
DP 555BG/RR	4.25
ACALA 1517-99	4.15

COLORIMETER - Rd	
DP 555BG/RR	79.0
ACALA 1517-99	77.0
STV 4554B2RF	76.5
PHY 375WRF	75.5
FM 989B2R	75.0
FM 9058F	72.5
PHYTOGEN 72	72.0
PHY 485WRF	70.5
NM 03012	70.0

COLORIMETER - b	
PHY 485WRF	10.0
NM 03012	10.0
PHYTOGEN 72	9.8
ACALA 1517-99	9.5
PHY 375WRF	9.4
FM 989B2R	9.4
STV 4554B2RF	9.3
FM 9058F	9.2
DP 555BG/RR	8.7

MICRONAIRE	
FM 9058F	4.65
NM 03012	4.60
FM 989B2R	4.60
PHYTOGEN 72	4.55
PHY 375WRF	4.45
STV 4554B2RF	4.45
PHY 485WRF	4.25
DP 555BG/RR	4.20
ACALA 1517-99	4.15

STELOMETER - E1	
STV 4554B2RF	9.0
PHY 485WRF	7.0
NM 03012	6.5
FM 989B2R	6.0
PHYTOGEN 72	6.0
PHY 375WRF	6.0
DP 555BG/RR	6.0
ACALA 1517-99	6.0
FM 9058F	5.5

STELOMETER - T1	
NM 03012	247
ACALA 1517-99	237
PHYTOGEN 72	235
FM 989B2R	233
STV 4554B2RF	209
PHY 485WRF	202
FM 9058F	199
DP 555BG/RR	197
PHY 375WRF	196

FIBROGRAPH - 50% S.L.	
NM 03012	0.61
ACALA 1517-99	0.60
FM 989B2R	0.59
PHY 485WRF	0.58
STV 4554B2RF	0.57
PHYTOGEN 72	0.57
PHY 375WRF	0.56
FM 9058F	0.56
DP 555BG/RR	0.54

FIBROGRAPH - 2.5% S.L.	
NM 03012	1.24
ACALA 1517-99	1.22
PHYTOGEN 72	1.18
FM 989B2R	1.17
FM 9058F	1.17
PHY 485WRF	1.15
PHY 375WRF	1.14
STV 4554B2RF	1.13
DP 555BG/RR	1.13

YARN TENACITY	
ACALA 1517-99	143
NM 03012	136
PHYTOGEN 72	134

AREALOMETER - A (MM2/MM3)	
DP 555BG/RR	466
STV 4554B2RF	449
PHY 375WRF	448

AREALOMETER - D (MM2/MM3)	
PHY 375WRF	29.5
STV 4554B2RF	28.5
DP 555BG/RR	27.5

FM 989B2R	129	PHYTOGEN 72	435	PHYTOGEN 72	23.5
PHY 485WRF	115	FM 9058F	433	FM 9058F	19.5
DP 555BG/RR	108	ACALA 1517-99	.	ACALA 1517-99	.
FM 9058F	107	NM 03012	.	NM 03012	.
STV 4554B2RF	105	FM 989B2R	.	FM 989B2R	.
PHY 375WRF	103	PHY 485WRF	.	PHY 485WRF	.

AREALOMETER - I		AREALOMETER - M (PERCENT)		AREALOMETER - P (MIC)???	
PHY 375WRF	1.75	FM 9058F	92	PHY 375WRF	49.17
STV 4554B2RF	1.72	PHYTOGEN 72	89	STV 4554B2RF	48.16
DP 555BG/RR	1.71	DP 555BG/RR	85	PHYTOGEN 72	46.65
PHYTOGEN 72	1.62	STV 4554B2RF	85	DP 555BG/RR	46.12
FM 9058F	1.54	PHY 375WRF	84	FM 9058F	44.59
ACALA 1517-99	.	ACALA 1517-99	.	ACALA 1517-99	.
NM 03012	.	NM 03012	.	NM 03012	.
FM 989B2R	.	FM 989B2R	.	FM 989B2R	.
PHY 485WRF	.	PHY 485WRF	.	PHY 485WRF	.

AREALOMETER - W (MG/INCH)		AREALOMETER - t (MICRONS)		SEED YIELD (LB/ACRE	
PHY 375WRF	4.25	FM 9058F	3.0	PHY 485WRF	2003
PHYTOGEN 72	4.15	PHYTOGEN 72	2.9	PHY 375WRF	1788
STV 4554B2RF	4.14	PHY 375WRF	2.7	FM 989B2R	1740
FM 9058F	3.99	STV 4554B2RF	2.7	NM 03012	1600
DP 555BG/RR	3.84	DP 555BG/RR	2.7	PHYTOGEN 72	1570
ACALA 1517-99	.	ACALA 1517-99	.	ACALA 1517-99	1513
NM 03012	.	NM 03012	.	FM 9058F	1466
FM 989B2R	.	FM 989B2R	.	STV 4554B2RF	1231
PHY 485WRF	.	PHY 485WRF	.	DP 555BG/RR	1107

OIL (PERCENT)		NITROGEN (PERCENT)		PLUS GOSSYPOL	
PHY 375WRF	2.08	ACALA 1517-99	3.45	PHY 375WRF	0.72
ACALA 1517-99	1.76	NM 03012	3.37	FM 9058F	0.69
NM 03012	1.74	PHYTOGEN 72	3.32	FM 989B2R	0.68
PHYTOGEN 72	1.51	DP 555BG/RR	3.29	NM 03012	0.63
DP 555BG/RR	1.49	PHY 485WRF	3.22	DP 555BG/RR	0.62
FM 9058F	1.44	PHY 375WRF	3.20	PHY 485WRF	0.61
STV 4554B2RF	1.04	FM 989B2R	3.12	ACALA 1517-99	0.59
PHY 485WRF	0.97	STV 4554B2RF	3.09	STV 4554B2RF	0.59
FM 989B2R	0.83	FM 9058F	3.06	PHYTOGEN 72	0.58

MINUS GOSSYPOL		TOTAL GOSSYPOL (PERCENT)	
PHY 485WRF	0.97	PHY 375WRF	1.63
PHY 375WRF	0.92	PHY 485WRF	1.58
NM 03012	0.87	FM 989B2R	1.51
FM 989B2R	0.84	NM 03012	1.50
STV 4554B2RF	0.83	DP 555BG/RR	1.43
DP 555BG/RR	0.82	STV 4554B2RF	1.42
ACALA 1517-99	0.82	ACALA 1517-99	1.41
PHYTOGEN 72	0.76	FM 9058F	1.37
FM 9058F	0.69	PHYTOGEN 72	1.34

reg=52 REGION=WESTERN

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 (%)
PECOS, TX (IRR)	905	4.87	34.9	9.8	120	1.17	0.57	217	6.4

LOCATION	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
PECOS, TX (IRR)	4.43	1.19	82.7	31.3	7.2	74.2	9.5	4.46	1558	1.43	3.23

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

LOCATION	GOSSYPOL LEVELS PLUS (+)	MINUS (-)	TOTAL (%)	AREALOMETER DATA A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/in)	t (microns)
PECOS, TX (IRR)	0.63	0.83	1.46	446	25.7	1.67	87	46.93	4.07	2.8

LOCATION=PECOS, TX (IRR)

VARIETY CODE	VARIETY NAME	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 (%)
1313	PHY 485WRF	1151	4.42	33.2	9.1	115	1.15	0.58	202	7.0
1326	PHY 375WRF	1118	4.42	37.6	9.4	103	1.14	0.56	196	6.0
1368	FM 989B2R	959	5.56	33.3	10.3	129	1.17	0.59	233	6.0
1166	PHYTOGEN 72	884	4.94	35.4	10.1	134	1.18	0.57	235	6.0
1312	NM 03012	861	5.36	33.1	11.2	136	1.24	0.61	247	6.5
1344	FM 9058F	859	4.81	36.6	9.8	107	1.17	0.56	199	5.5
1128	ACALA 1517-99	805	5.20	32.9	11.2	143	1.22	0.60	237	6.0
1323	STV 4554B2RF	784	4.70	35.3	9.2	105	1.13	0.57	209	9.0
1270	DP 555BG/RR	727	4.44	36.9	8.0	108	1.13	0.54	197	6.0
.	LSD	179	0.62	1.3	0.7	18	0.02	0.01	15	1.7

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)

1313	PHY 485WRF	4.25	1.20	82.2	30.5	7.9	70.5	10.0	4.35	2003	0.97	3.22
1326	PHY 375WRF	4.45	1.10	82.5	27.5	6.9	75.5	9.4	4.50	1788	2.08	3.20
1368	FM 989B2R	4.60	1.20	82.5	31.5	6.8	75.0	9.4	4.65	1740	0.83	3.12
1166	PHYTOGEN 72	4.55	1.20	83.4	34.0	7.6	72.0	9.8	4.55	1570	1.51	3.32
1312	NM 03012	4.60	1.30	84.7	36.0	7.3	70.0	10.0	4.60	1600	1.74	3.37
1344	FM 9058F	4.65	1.15	81.0	29.0	6.3	72.5	9.2	4.70	1466	1.44	3.06
1128	ACALA 1517-99	4.15	1.30	84.0	36.0	7.0	77.0	9.5	4.15	1513	1.76	3.45
1323	STV 4554B2RF	4.45	1.15	82.8	29.5	8.1	76.5	9.3	4.40	1231	1.04	3.09
1270	DP 555BG/RR	4.20	1.15	81.4	28.0	6.6	79.0	8.7	4.25	1107	1.49	3.29
.	LSD	0.40	0.08	0.8	1.5	0.4	4.2	0.7	0.45	650	1.59	0.22

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1313	PHY 485WRF	0.61	0.97	1.58	.	.	.	.	.	.	.
1326	PHY 375WRF	0.72	0.92	1.63	448	29.5	1.75	84	49.17	4.25	2.7
1368	FM 989B2R	0.68	0.84	1.51	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.58	0.76	1.34	435	23.5	1.62	89	46.65	4.15	2.9
1312	NM 03012	0.63	0.87	1.50	.	.	.	.	.	.	.
1344	FM 9058F	0.69	0.69	1.37	433	19.5	1.54	92	44.59	3.99	3.0
1128	ACALA 1517-99	0.59	0.82	1.41	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.59	0.83	1.42	449	28.5	1.72	85	48.16	4.14	2.7
1270	DP 555BG/RR	0.62	0.82	1.43	466	27.5	1.71	85	46.12	3.84	2.7
.	LSD	0.09	0.09	0.20	42.3	10.1	0.23	8	4.64	0.54	0.4

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

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National Cotton Variety Tests, 2009
Yield, Boll, Seed, Spinning and Data

2009 PIMA REGIONAL COTTON VARIETY TEST

2009 NCVT REGIONAL SUMMARIES BY VARIETIES

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1393	PHY 830	1230	3.48	43.1	.	160	1.36	0.64	318	8.5
1273	PHY 800	1072	3.91	42.0	.	166	1.37	0.66	316	8.0
1341	DP 353	1070	3.60	41.4	.	162	1.36	0.66	329	8.0
1272	DP 340	972	3.32	41.1	.	165	1.35	0.66	345	8.5

1300	COBALT	929	3.27	40.4	.	166	1.38	0.68	329	9.0
1374	DP 357	867	3.18	41.5	.	163	1.40	0.69	329	8.0
615	PIMA S-7	847	3.35	41.3	.	174	1.36	0.63	347	8.0

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)									
		MICRO	2.5%	UNIFO-	STRE-	COLORIMETER		MICRO-	SEED		NITR
VARIETY CODE	VARIETY NAME	NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)	E	HUNTER'S RD	b	NAIRE (Reading)	YIELD (lb/ac)	OIL (%)	OGEN (%)
1393	PHY 830	4.60	.	.	.	.	.	.	.	1631	2.79	3.10
1273	PHY 800	4.40	.	.	.	.	.	.	.	1474	1.80	3.15
1341	DP 353	4.50	.	.	.	.	.	.	.	1515	2.18	2.84
1272	DP 340	4.55	.	.	.	.	.	.	.	1392	2.30	2.84
1300	COBALT	4.70	.	.	.	.	.	.	.	1349	1.58	3.00
1374	DP 357	4.65	.	.	.	.	.	.	.	1220	1.79	3.22
615	PIMA S-7	4.40	.	.	.	.	.	.	.	1200	2.57	2.84

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A	D ---(mm2/mm3)---	I	M (%)	p (microns)	w (mg/in)	t (microns)
1393	PHY 830	0.87	0.77	1.64	.	.	.	.	.	.	.
1273	PHY 800	0.76	0.71	1.47	.	.	.	.	.	.	.
1341	DP 353	0.85	0.73	1.58	.	.	.	.	.	.	.
1272	DP 340	0.84	0.78	1.62	.	.	.	.	.	.	.
1300	COBALT	0.83	0.79	1.62	.	.	.	.	.	.	.
1374	DP 357	0.83	0.72	1.54	.	.	.	.	.	.	.
615	PIMA S-7	0.86	0.80	1.66	.	.	.	.	.	.	.

INDIVIDUAL COMPONENTS -- PIMA REGION

BOLL SIZE, GRAM PER BOLL	LINT PERCENT	SEED INDEX

PHY 800	3.91	PHY 830	43.1	PHY 830	.
DP 353	3.60	PHY 800	42.0	PHY 800	.
PHY 830	3.48	DP 357	41.5	DP 357	.
PIMA S-7	3.35	DP 353	41.4	DP 353	.
DP 340	3.32	PIMA S-7	41.3	PIMA S-7	.
COBALT	3.27	DP 340	41.1	DP 340	.
DP 357	3.18	COBALT	40.4	COBALT	.

2.5% S.L. (INCHES)		UR (PERCENT)		STRENGTH (G/TEX)	
PHY 830	.	PHY 830	.	PHY 830	.
PHY 800	.	PHY 800	.	PHY 800	.
DP 357	.	DP 357	.	DP 357	.
DP 353	.	DP 353	.	DP 353	.
PIMA S-7	.	PIMA S-7	.	PIMA S-7	.
DP 340	.	DP 340	.	DP 340	.
COBALT	.	COBALT	.	COBALT	.

E		MICRONAIRE (SL-HVI)		COLORIMETER - Rd	
PHY 830	.	PHY 830	.	PHY 830	.
PHY 800	.	PHY 800	.	PHY 800	.
DP 357	.	DP 357	.	DP 357	.
DP 353	.	DP 353	.	DP 353	.
PIMA S-7	.	PIMA S-7	.	PIMA S-7	.
DP 340	.	DP 340	.	DP 340	.
COBALT	.	COBALT	.	COBALT	.

COLORIMETER - b		MICRONAIRE		STELOMETER - E1	

PHY 830	.
PHY 800	.
DP 357	.
DP 353	.
PIMA S-7	.
DP 340	.
COBALT	.

COBALT	4.70
DP 357	4.65
PHY 830	4.60
DP 340	4.55
DP 353	4.50
PHY 800	4.40
PIMA S-7	4.40

COBALT	9.0
PHY 830	8.5
DP 340	8.5
DP 357	8.0
DP 353	8.0
PHY 800	8.0
PIMA S-7	8.0

STELOMETER - T1

PIMA S-7	347
DP 340	345
COBALT	329
DP 357	329
DP 353	329
PHY 830	318
PHY 800	316

FIBROGRAPH - 50% S.L.

DP 357	0.69
COBALT	0.68
DP 340	0.66
DP 353	0.66
PHY 800	0.66
PHY 830	0.64
PIMA S-7	0.63

FIBROGRAPH - 2.5% S.L.

DP 357	1.40
COBALT	1.38
PHY 800	1.37
PHY 830	1.36
DP 353	1.36
PIMA S-7	1.36
DP 340	1.35

YARN TENACITY

PIMA S-7	174
COBALT	166
PHY 800	166
DP 340	165
DP 357	163
DP 353	162
PHY 830	160

AREALOMETER - A (MM2/MM3)

PIMA S-7	.
COBALT	.
PHY 800	.
DP 340	.
DP 357	.
DP 353	.
PHY 830	.

AREALOMETER - D (MM2/MM3)

PIMA S-7	.
COBALT	.
PHY 800	.
DP 340	.
DP 357	.
DP 353	.
PHY 830	.

AREALOMETER - I

AREALOMETER - M (PERCENT)

AREALOMETER - P (MIC)???

PIMA S-7	.
COBALT	.
PHY 800	.
DP 340	.
DP 357	.
DP 353	.
PHY 830	.

PIMA S-7	.
COBALT	.
PHY 800	.
DP 340	.
DP 357	.
DP 353	.
PHY 830	.

PIMA S-7	.
COBALT	.
PHY 800	.
DP 340	.
DP 357	.
DP 353	.
PHY 830	.

AREALOMETER - W (MG/INCH)	
PIMA S-7	.
COBALT	.
PHY 800	.
DP 340	.
DP 357	.
DP 353	.
PHY 830	.

AREALOMETER - t (MICRONS)	
PIMA S-7	.
COBALT	.
PHY 800	.
DP 340	.
DP 357	.
DP 353	.
PHY 830	.

SEED YIELD (LB/ACRE	
PHY 830	1631
DP 353	1515
PHY 800	1474
DP 340	1392
COBALT	1349
DP 357	1220
PIMA S-7	1200

OIL (PERCENT)	
PHY 830	2.79
PIMA S-7	2.57
DP 340	2.30
DP 353	2.18
PHY 800	1.80
DP 357	1.79
COBALT	1.58

NITROGEN (PERCENT)	
DP 357	3.22
PHY 800	3.15
PHY 830	3.10
COBALT	3.00
DP 340	2.84
PIMA S-7	2.84
DP 353	2.84

PLUS GOSSYPOL	
PHY 830	0.87
PIMA S-7	0.86
DP 353	0.85
DP 340	0.84
DP 357	0.83
COBALT	0.83
PHY 800	0.76

MINUS GOSSYPOL	

TOTAL GOSSYPOL (PERCENT)	

PIMA S-7	0.80	PIMA S-7	1.66
COBALT	0.79	PHY 830	1.64
DP 340	0.78	COBALT	1.62
PHY 830	0.77	DP 340	1.62
DP 353	0.73	DP 353	1.58
DP 357	0.72	DP 357	1.54
PHY 800	0.71	PHY 800	1.47

---

reg=60 REGION=PIMA

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 (%)
LAS CRUCES, NM	998	3.44	41.5	.	165	1.37	0.66	330	8.3

LOCATION	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
LAS CRUCES, NM	4.54	.	.	.	.	.	.	.	1397	2.14	3.00

LOCATION	GOSSYPOL LEVELS PLUS (+)	GOSSYPOL LEVELS MINUS (-)	GOSSYPOL LEVELS TOTAL (%)	AREALOMETER DATA A (mm2/mm3)	AREALOMETER DATA D (mm2/mm3)	AREALOMETER DATA I	AREALOMETER DATA M (%)	AREALOMETER DATA p (microns)	AREALOMETER DATA w (mg/in)	AREALOMETER DATA t (microns)
LAS CRUCES, NM	0.83	0.76	1.59	.	.	.	.	.	.	.

LOCATION=LAS CRUCES, NM

VARIETY CODE	VARIETY NAME	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 (%)
1393	PHY 830	1230	3.48	43.1	.	160	1.36	0.64	318	8.5
1273	PHY 800	1072	3.91	42.0	.	166	1.37	0.66	316	8.0
1341	DP 353	1070	3.60	41.4	.	162	1.36	0.66	329	8.0
1272	DP 340	972	3.32	41.1	.	165	1.35	0.66	345	8.5
1300	COBALT	929	3.27	40.4	.	166	1.38	0.68	329	9.0
1374	DP 357	867	3.18	41.5	.	163	1.40	0.69	329	8.0
615	PIMA S-7	847	3.35	41.3	.	174	1.36	0.63	347	8.0
.	LSD	387	0.78	2.0	.	13	0.04	0.05	19	1.6

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)									
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1393	PHY 830	4.60	.	.	.	.	.	.	.	1631	2.79	3.10
1273	PHY 800	4.40	.	.	.	.	.	.	.	1474	1.80	3.15
1341	DP 353	4.50	.	.	.	.	.	.	.	1515	2.18	2.84
1272	DP 340	4.55	.	.	.	.	.	.	.	1392	2.30	2.84
1300	COBALT	4.70	.	.	.	.	.	.	.	1349	1.58	3.00
1374	DP 357	4.65	.	.	.	.	.	.	.	1220	1.79	3.22
615	PIMA S-7	4.40	.	.	.	.	.	.	.	1200	2.57	2.84
.	LSD	0.40	.	.	.	.	.	.	.	492	0.63	0.42

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D ---(mm2/mm3)---	I	M (%)	p (microns)	w (mg/in)	t (microns)
1393	PHY 830	0.87	0.77	1.64	.	.	.	.	.	.	.
1273	PHY 800	0.76	0.71	1.47	.	.	.	.	.	.	.
1341	DP 353	0.85	0.73	1.58	.	.	.	.	.	.	.
1272	DP 340	0.84	0.78	1.62	.	.	.	.	.	.	.
1300	COBALT	0.83	0.79	1.62	.	.	.	.	.	.	.
1374	DP 357	0.83	0.72	1.54	.	.	.	.	.	.	.
615	PIMA S-7	0.86	0.80	1.66	.	.	.	.	.	.	.
.	LSD	0.05	0.05	0.10	.	.	.	.	.	.	.

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National Cotton Variety Tests, 2009
Yield, Boll, Seed, Spinning and Data

2009 HIGH QUALITY REGIONAL COTTON VARIETY TEST

2009 NCVT REGIONAL SUMMARIES BY VARIETIES

OVERALL SUMMARY FOR REGIONAL HIGH QUALITY

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1358	FM 1740B2F	1154	5.21	42.4	9.3	110	1.14	0.57	211	7.4
1381	DP 0949B2RF	1143	4.81	42.6	8.7	112	1.16	0.58	209	7.6
1387	ST 4288B2RF	1116	5.23	40.1	9.6	105	1.15	0.57	206	8.1
1382	FM 1845LLB2	1076	5.66	38.9	9.5	120	1.22	0.60	217	6.4
1364	DP 135B2RF	1047	5.48	42.3	9.5	100	1.13	0.56	199	7.8

1372	MD25	1046	5.82	40.2	9.0	134	1.20	0.61	242	6.7
1270	DP 555BG/RR	1046	4.45	43.2	7.8	105	1.13	0.55	208	6.8
1380	ARK 0111-23	1044	5.93	39.9	9.5	112	1.19	0.58	209	7.1
1352	FM 9180B2F	1009	5.52	39.4	9.5	119	1.18	0.58	216	6.6
1379	ARK 0023-13	988	6.07	38.8	9.7	117	1.19	0.58	213	7.4
1370	DP 161B2RF	974	4.92	38.9	8.9	120	1.18	0.58	217	7.8
1386	NM05N1104	875	5.11	38.7	9.2	122	1.22	0.60	224	7.6
1377	06NMM010B2RF	842	5.68	38.1	9.2	131	1.19	0.60	234	7.4
1383	LBB 1501	821	5.49	36.9	10.0	124	1.17	0.59	219	7.2
1378	06NMM024B2RF	810	5.39	38.8	9.2	132	1.21	0.60	232	7.7
1384	LBB 4222	779	5.59	38.1	10.1	113	1.12	0.57	217	6.7
1166	PHYTOGEN 72	769	5.24	38.4	8.7	131	1.20	0.60	241	8.2
1388	TAM B139-17	728	5.71	36.4	11.4	132	1.32	0.61	241	7.1
1385	NM05N1054	685	5.01	38.6	9.5	130	1.21	0.59	230	7.1
.	LSD	106	0.26	0.7	1.5	7	0.03	0.01	13	0.8

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFOMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	RD	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1358	FM 1740B2F	4.69	1.14	83.5	29.0	6.8	71.2	8.1	4.68	1580	2.06	3.43
1381	DP 0949B2RF	4.76	1.17	83.6	29.1	7.1	71.8	8.3	4.76	1530	2.06	3.40
1387	ST 4288B2RF	4.77	1.15	83.6	28.8	6.9	71.4	8.5	4.76	1639	2.08	3.37
1382	FM 1845LLB2	4.59	1.21	84.7	31.6	6.8	74.1	7.6	4.63	1706	2.02	3.32
1364	DP 135B2RF	4.71	1.12	83.3	28.2	6.8	71.7	8.7	4.64	1461	2.43	3.33
1372	MD25	4.58	1.19	84.9	33.3	7.0	72.1	7.8	4.58	1540	2.27	3.50
1270	DP 555BG/RR	4.48	1.13	82.5	28.9	6.5	73.3	7.9	4.47	1376	2.28	3.45
1380	ARK 0111-23	4.38	1.19	84.5	30.0	6.9	71.7	7.6	4.36	1572	2.23	3.41
1352	FM 9180B2F	4.54	1.19	84.0	30.8	6.9	73.5	7.3	4.53	1524	2.34	3.32
1379	ARK 0023-13	4.85	1.19	84.0	30.8	6.8	71.3	8.4	4.83	1570	2.39	3.20
1370	DP 161B2RF	4.59	1.19	84.3	30.4	7.0	73.7	7.6	4.61	1526	2.16	3.18
1386	NM05N1104	4.47	1.22	84.8	31.7	7.1	70.8	8.0	4.46	1394	2.32	3.40
1377	06NMM010B2RF	4.44	1.19	84.4	33.9	7.0	70.0	8.3	4.44	1366	2.15	3.40
1383	LBB 1501	4.62	1.18	83.7	32.1	6.9	71.9	7.8	4.64	1392	2.38	3.36
1378	06NMM024B2RF	4.32	1.22	84.5	32.3	7.0	70.8	8.1	4.33	1292	2.52	3.47
1384	LBB 4222	4.87	1.11	82.4	32.1	6.9	71.1	8.3	4.88	1283	2.31	3.42
1166	PHYTOGEN 72	4.51	1.19	84.3	33.6	7.3	70.4	8.5	4.48	1229	2.42	3.52
1388	TAM B139-17	4.26	1.33	86.4	33.7	6.7	73.2	8.1	4.26	1321	2.00	3.45
1385	NM05N1054	4.43	1.22	84.5	33.2	6.9	70.4	8.2	4.44	1119	2.31	3.54
.	LSD	0.23	0.04	0.7	1.3	0.2	2.1	0.5	0.21	161	0.59	0.12

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS--- PLUS (+)	MINUS (-)	TOTAL (%)	AREALOMETER DATA--- A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1358	FM 1740B2F	0.54	0.70	1.24	434	30.2	1.75	84	50.70	4.53	2.8
1381	DP 0949B2RF	0.51	0.69	1.20	434	25.2	1.64	88	47.27	4.23	2.9
1387	ST 4288B2RF	0.58	0.93	1.51	430	32.5	1.79	82	52.21	4.70	2.8
1382	FM 1845LLB2	0.56	0.70	1.26	435	26.9	1.68	86	48.41	4.31	2.9
1364	DP 135B2RF	0.56	0.67	1.24	432	31.8	1.77	83	51.23	4.60	2.9
1372	MD25	0.66	0.81	1.46	436	27.1	1.68	86	48.34	4.30	2.9
1270	DP 555BG/RR	0.49	0.66	1.15	451	32.9	1.79	82	49.64	4.30	2.7
1380	ARK 0111-23	0.58	0.59	1.17	461	34.8	1.83	81	49.72	4.20	2.7
1352	FM 9180B2F	0.53	0.67	1.19	434	27.7	1.70	86	48.90	4.36	2.9
1379	ARK 0023-13	0.55	0.77	1.33	430	28.7	1.71	85	49.91	4.50	2.9
1370	DP 161B2RF	0.47	0.63	1.10	439	30.9	1.76	83	50.06	4.43	2.8
1386	NM05N1104	0.64	0.77	1.41	448	29.3	1.73	85	48.18	4.16	2.8
1377	06NMM010B2RF	0.54	0.67	1.21	449	25.8	1.66	87	46.26	4.00	2.8
1383	LBB 1501	0.51	0.68	1.19	438	30.1	1.74	84	49.74	4.39	2.8
1378	06NMM024B2RF	0.55	0.71	1.25	457	27.9	1.70	86	46.73	3.97	2.7
1384	LBB 4222	0.49	0.69	1.18	424	28.5	1.72	85	50.72	4.63	2.9
1166	PHYTOGEN 72	0.51	0.66	1.17	448	27.4	1.70	86	47.61	4.14	2.8
1388	TAM B139-17	0.56	0.78	1.34	457	30.7	1.76	83	48.44	4.11	2.7
1385	NM05N1054	0.54	0.76	1.30	453	30.8	1.76	83	48.73	4.17	2.7
.	LSD	0.05	0.07	0.12	18.5	5.0	0.09	4	1.86	0.24	0.1

HIGH QUALITY SUB REGION INCLUDING LOCATIONS: KEISER, AR; BOSSIER CITY, LA; LUBBOCK, TX; STONEVILLE, MS; PORTAGEVILLE, AR; COLLEGE STATION, TX; AND LAS CRUCES, NM

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1358	FM 1740B2F	1112	5.16	42.0	9.1	113	1.15	0.58	213	7.3
1381	DP 0949B2RF	1101	4.72	41.9	8.6	113	1.16	0.58	206	7.3
1387	ST 4288B2RF	1064	5.16	39.7	9.3	104	1.16	0.57	205	7.9
1382	FM 1845LLB2	1052	5.68	38.5	9.2	117	1.22	0.60	217	6.0
1364	DP 135B2RF	1037	5.34	41.8	9.3	101	1.13	0.56	199	7.4
1270	DP 555BG/RR	1000	4.37	42.8	8.0	104	1.13	0.55	205	6.9
1372	MD25	993	5.77	39.7	8.6	133	1.20	0.61	235	6.6

1380	ARK 0111-23	989	5.92	39.5	9.0	111	1.19	0.58	203	6.9
1352	FM 9180B2F	963	5.58	38.8	9.1	119	1.19	0.58	215	6.4
1370	DP 161B2RF	942	4.84	38.3	8.7	121	1.19	0.58	214	7.6
1379	ARK 0023-13	934	5.99	38.3	9.3	116	1.19	0.58	213	7.4
1386	NM05N1104	814	5.07	38.2	8.8	120	1.22	0.60	219	7.7
1383	LBB 1501	789	5.51	36.5	9.5	124	1.17	0.59	219	6.9
1377	06NMM010B2RF	781	5.58	37.7	8.7	130	1.19	0.59	234	7.6
1384	LBB 4222	771	5.66	37.7	9.6	111	1.13	0.58	212	6.5
1378	06NMM024B2RF	755	5.34	38.4	8.9	130	1.20	0.60	233	7.5
1166	PHYTOGEN 72	718	5.12	37.9	8.3	129	1.19	0.59	242	8.1
1388	TAM B139-17	715	5.63	36.2	11.1	129	1.32	0.61	236	7.2
1385	NM05N1054	650	5.03	38.1	9.0	129	1.21	0.59	229	7.1
.	LSD	121	0.30	0.8	2.0	9	0.03	0.02	14	1.0

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

VARIETY CODE	VARIETY NAME	MICRO NAIRE (reading)	2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	COLORIMETER HUNTER'S E	RD	b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1358	FM 1740B2F	4.66	1.16	83.6	29.4	6.8	70.9	8.1	4.66	1555	2.26	3.41
1381	DP 0949B2RF	4.77	1.18	83.5	29.1	7.1	72.1	8.0	4.77	1517	2.19	3.41
1387	ST 4288B2RF	4.78	1.15	83.7	28.6	6.9	70.8	8.4	4.75	1591	2.11	3.42
1382	FM 1845LLB2	4.78	1.22	84.6	31.1	6.7	73.3	7.5	4.76	1700	2.16	3.31
1364	DP 135B2RF	4.74	1.13	83.1	28.3	6.8	71.3	8.7	4.69	1481	2.41	3.32
1270	DP 555BG/RR	4.53	1.14	82.4	28.9	6.5	72.8	7.8	4.51	1343	2.46	3.41
1372	MD25	4.59	1.21	84.8	32.9	6.9	72.1	7.7	4.59	1497	2.45	3.52
1380	ARK 0111-23	4.48	1.19	84.4	29.9	6.9	71.9	7.5	4.46	1521	2.38	3.41
1352	FM 9180B2F	4.60	1.20	84.0	30.6	6.8	73.3	7.1	4.59	1493	2.43	3.31
1370	DP 161B2RF	4.56	1.20	84.2	30.3	7.0	73.4	7.4	4.59	1515	2.16	3.18
1379	ARK 0023-13	4.94	1.20	84.1	30.7	6.8	70.9	8.3	4.89	1525	2.46	3.21
1386	NM05N1104	4.49	1.22	84.8	31.4	7.0	70.5	7.8	4.46	1331	2.45	3.42
1383	LBB 1501	4.66	1.19	83.8	31.8	6.8	71.8	7.7	4.68	1361	2.43	3.40
1377	06NMM010B2RF	4.46	1.21	84.4	33.8	7.0	69.2	8.2	4.44	1297	2.11	3.42
1384	LBB 4222	4.84	1.12	82.5	31.4	6.8	71.2	8.3	4.85	1296	2.35	3.40
1378	06NMM024B2RF	4.40	1.21	84.5	32.5	7.0	70.4	8.0	4.39	1231	2.38	3.50
1166	PHYTOGEN 72	4.56	1.19	84.3	33.1	7.2	69.8	8.3	4.52	1180	2.49	3.52
1388	TAM B139-17	4.31	1.33	86.3	33.2	6.7	72.5	8.1	4.29	1319	2.03	3.46
1385	NM05N1054	4.42	1.22	84.6	33.1	6.9	70.3	8.0	4.46	1093	2.30	3.51
.	LSD	0.25	0.04	0.8	1.6	0.2	2.5	0.6	0.24	186	0.66	0.13

VARIETY CODE	VARIETY NAME	GOSSYPOL LEVELS PLUS (+)	GOSSYPOL LEVELS MINUS (-)	GOSSYPOL LEVELS TOTAL (%)	AREALOMETER DATA A (mm2/mm3)	AREALOMETER DATA D (mm2/mm3)	AREALOMETER DATA I	AREALOMETER DATA M (%)	AREALOMETER DATA p (microns)	AREALOMETER DATA w (mg/in)	AREALOMETER DATA t (microns)
1358	FM 1740B2F	0.53	0.69	1.22	437	29.2	1.73	84	49.68	4.41	2.8
1381	DP 0949B2RF	0.51	0.68	1.18	436	24.4	1.62	89	46.57	4.15	2.9
1387	ST 4288B2RF	0.58	0.92	1.50	429	30.9	1.76	83	51.46	4.64	2.9
1382	FM 1845LLB2	0.55	0.68	1.23	427	23.5	1.62	89	47.41	4.29	2.9
1364	DP 135B2RF	0.57	0.68	1.24	434	31.1	1.75	83	50.56	4.53	2.9
1270	DP 555BG/RR	0.50	0.66	1.16	445	29.8	1.73	84	48.81	4.29	2.8
1372	MD25	0.65	0.79	1.44	434	25.2	1.64	88	47.44	4.24	2.9
1380	ARK 0111-23	0.57	0.59	1.16	452	31.9	1.78	82	49.48	4.25	2.7
1352	FM 9180B2F	0.52	0.65	1.16	430	24.8	1.64	88	47.76	4.30	2.9
1370	DP 161B2RF	0.48	0.63	1.11	440	30.0	1.74	84	49.36	4.36	2.8
1379	ARK 0023-13	0.55	0.77	1.32	427	26.7	1.67	86	49.05	4.45	2.9
1386	NM05N1104	0.63	0.77	1.40	447	28.1	1.70	86	47.53	4.11	2.8
1383	LBB 1501	0.50	0.67	1.16	433	27.7	1.69	86	48.89	4.36	2.9
1377	06NMM010B2RF	0.53	0.66	1.19	448	24.1	1.62	89	45.33	3.93	2.8
1384	LBB 4222	0.48	0.68	1.16	430	28.7	1.72	85	50.04	4.50	2.9
1378	06NMM024B2RF	0.55	0.71	1.25	459	27.0	1.69	86	46.03	3.90	2.7
1166	PHYTOGEN 72	0.51	0.66	1.17	452	28.0	1.71	85	47.48	4.09	2.7
1388	TAM B139-17	0.56	0.77	1.32	453	28.5	1.72	85	47.66	4.07	2.7
1385	NM05N1054	0.56	0.77	1.32	452	30.0	1.74	84	48.31	4.14	2.7
.	LSD	0.06	0.08	0.14	20.2	5.4	0.11	4	2.37	0.29	0.2

HIGH QUALITY SUB REGION INCLUDING LOCATIONS: FLORENCE, SC; TIFTON, GA; AND BELLE MINA, AL

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1387	ST 4288B2RF	1347	5.48	42.1	10.5	108	1.14	0.57	212	8.5
1358	FM 1740B2F	1342	5.38	44.2	10.1	103	1.12	0.55	203	7.8
1381	DP 0949B2RF	1330	5.13	45.5	9.0	110	1.15	0.58	220	8.8
1380	ARK 0111-23	1290	5.95	41.7	10.8	114	1.20	0.59	233	7.8
1372	MD25	1282	5.97	42.5	10.4	135	1.18	0.61	265	6.8
1270	DP 555BG/RR	1251	4.76	45.1	7.5	106	1.13	0.56	219	6.5
1379	ARK 0023-13	1228	6.34	40.9	11.1	122	1.21	0.59	216	7.8
1352	FM 9180B2F	1214	5.30	42.2	10.5	119	1.15	0.58	219	7.3
1382	FM 1845LLB2	1185	5.58	40.6	10.4	127	1.22	0.62	216	7.5
1386	NM05N1104	1148	5.25	40.7	10.5	129	1.22	0.61	244	7.3

1377	06NMM010B2RF	1118	6.02	40.1	10.8	133	1.21	0.61	237	7.0
1370	DP 161B2RF	1116	5.20	41.4	9.7	117	1.17	0.58	227	8.5
1364	DP 135B2RF	1093	5.95	44.4	10.0	98	1.12	0.55	200	9.0
1378	06NMM024B2RF	1059	5.57	40.4	10.3	140	1.22	0.60	230	8.3
1166	PHYTOGEN 72	1001	5.65	40.9	9.8	136	1.20	0.60	240	8.5
1383	LBB 1501	965	5.43	38.5	11.6	126	1.16	0.57	220	8.0
1385	NM05N1054	844	4.93	40.7	10.9	134	1.21	0.59	236	7.3
1384	LBB 4222	817	5.35	40.2	11.5	117	1.11	0.56	237	7.3
1388	TAM B139-17	787	5.96	37.1	12.4	144	1.33	0.62	261	6.8
.	LSD	202	0.43	1.4	0.9	9	0.04	0.03	29	1.5

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
							COLORIMETER					
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	HUNTER'S RD	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1387	ST 4288B2RF	4.75	1.15	83.1	29.3	7.0	73.3	8.8	4.80	1854	1.98	3.20
1358	FM 1740B2F	4.78	1.10	83.1	27.8	6.8	72.0	8.1	4.73	1694	1.38	3.50
1381	DP 0949B2RF	4.73	1.13	83.9	29.0	7.1	71.0	9.3	4.73	1591	1.54	3.32
1380	ARK 0111-23	4.05	1.20	84.7	30.3	7.1	71.0	8.2	4.00	1802	1.61	3.41
1372	MD25	4.55	1.15	85.1	34.5	7.3	72.3	8.4	4.55	1735	1.58	3.44
1270	DP 555BG/RR	4.33	1.10	82.8	28.8	6.7	75.0	8.0	4.35	1524	1.59	3.63
1379	ARK 0023-13	4.55	1.18	84.0	31.3	6.9	73.0	9.0	4.63	1773	2.09	3.15
1352	FM 9180B2F	4.33	1.15	84.1	31.5	7.0	74.3	7.7	4.35	1664	2.01	3.36
1382	FM 1845LLB2	4.03	1.20	85.0	33.0	7.1	76.3	7.9	4.23	1737	1.51	3.32
1386	NM05N1104	4.38	1.23	84.8	32.8	7.4	72.0	8.5	4.45	1677	1.80	3.35
1377	06NMM010B2RF	4.35	1.15	84.5	34.5	7.1	72.8	8.7	4.43	1677	2.33	3.33
1370	DP 161B2RF	4.68	1.18	84.6	31.0	7.2	75.0	8.3	4.68	1577	2.18	3.16
1364	DP 135B2RF	4.60	1.08	83.9	28.0	6.8	73.0	9.0	4.45	1372	2.53	3.38
1378	06NMM024B2RF	4.05	1.25	84.7	31.8	7.1	72.5	8.4	4.10	1569	3.10	3.39
1166	PHYTOGEN 72	4.38	1.20	84.3	35.0	7.3	72.0	9.0	4.38	1450	2.16	3.53
1383	LBB 1501	4.50	1.15	83.5	33.3	7.0	72.3	8.2	4.50	1533	2.19	3.20
1385	NM05N1054	4.48	1.20	84.3	33.5	6.9	71.0	8.6	4.38	1232	2.35	3.67
1384	LBB 4222	4.98	1.08	81.9	34.5	7.1	70.5	8.5	4.98	1226	2.18	3.52
1388	TAM B139-17	4.05	1.33	86.8	35.3	7.0	75.5	8.0	4.13	1333	1.92	3.42
.	LSD	0.55	0.07	1.1	1.8	0.3	3.8	0.8	0.51	275	1.58	0.29

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------					
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A D ---(mm2/mm3)---	I	M (%)	p (microns)	w (mg/in)	t (microns)

1387	ST 4288B2RF	0.59	0.95	1.54	431	36.5	1.87	79	54.09	4.86	2.8
1358	FM 1740B2F	0.58	0.75	1.33	426	32.8	1.81	82	53.23	4.84	2.9
1381	DP 0949B2RF	0.52	0.73	1.25	428	27.5	1.69	86	49.37	4.46	2.9
1380	ARK 0111-23	0.62	0.59	1.21	487	43.3	1.97	75	50.42	4.05	2.5
1372	MD25	0.69	0.88	1.57	441	33.0	1.80	82	51.04	4.49	2.8
1270	DP 555BG/RR	0.47	0.65	1.11	472	42.5	1.96	75	52.15	4.33	2.6
1379	ARK 0023-13	0.56	0.80	1.36	438	34.8	1.84	80	52.47	4.64	2.8
1352	FM 9180B2F	0.57	0.76	1.32	447	36.3	1.87	79	52.30	4.53	2.7
1382	FM 1845LLB2	0.59	0.78	1.37	454	35.5	1.85	80	50.91	4.35	2.7
1386	NM05N1104	0.67	0.81	1.48	451	32.8	1.80	82	50.12	4.32	2.7
1377	06NMM010B2RF	0.57	0.71	1.28	450	31.0	1.77	83	49.06	4.22	2.7
1370	DP 161B2RF	0.44	0.61	1.05	435	33.5	1.81	81	52.17	4.65	2.8
1364	DP 135B2RF	0.55	0.66	1.21	427	33.8	1.82	81	53.23	4.82	2.9
1378	06NMM024B2RF	0.56	0.70	1.25	453	30.5	1.76	84	48.84	4.18	2.7
1166	PHYTOGEN 72	0.50	0.65	1.15	438	26.0	1.67	87	47.92	4.25	2.8
1383	LBB 1501	0.56	0.76	1.32	452	37.3	1.89	79	52.29	4.50	2.7
1385	NM05N1054	0.50	0.72	1.21	456	33.3	1.82	81	49.99	4.26	2.7
1384	LBB 4222	0.52	0.73	1.25	405	28.0	1.71	86	52.74	5.02	3.0
1388	TAM B139-17	0.59	0.83	1.42	468	37.3	1.89	78	50.78	4.20	2.6
.	LSD	0.09	0.12	0.20	47.1	12.9	0.23	9	3.32	0.52	0.3

INDIVIDUAL COMPONENTS -- REGIONAL HIGH QUALITY

BOLL SIZE, GRAM PER BOLL		LINT PERCENT		SEED INDEX	
ARK 0023-13	6.07	DP 555BG/RR	43.2	TAM B139-17	11.4
ARK 0111-23	5.93	DP 0949B2RF	42.6	LBB 4222	10.1
MD25	5.82	FM 1740B2F	42.4	LBB 1501	10.0
TAM B139-17	5.71	DP 135B2RF	42.3	ARK 0023-13	9.7
06NMM010B2RF	5.68	MD25	40.2	ST 4288B2RF	9.6
FM 1845LLB2	5.66	ST 4288B2RF	40.1	NM05N1054	9.5
LBB 4222	5.59	ARK 0111-23	39.9	FM 1845LLB2	9.5
FM 9180B2F	5.52	FM 9180B2F	39.4	DP 135B2RF	9.5
LBB 1501	5.49	DP 161B2RF	38.9	ARK 0111-23	9.5
DP 135B2RF	5.48	FM 1845LLB2	38.9	FM 9180B2F	9.5
06NMM024B2RF	5.39	ARK 0023-13	38.8	FM 1740B2F	9.3
PHYTOGEN 72	5.24	06NMM024B2RF	38.8	06NMM010B2RF	9.2
ST 4288B2RF	5.23	NM05N1104	38.7	NM05N1104	9.2
FM 1740B2F	5.21	NM05N1054	38.6	06NMM024B2RF	9.2

NM05N1104	5.11
NM05N1054	5.01
DP 161B2RF	4.92
DP 0949B2RF	4.81
DP 555BG/RR	4.45
LSD	0.26

PHYTOGEN 72	38.4
LBB 4222	38.1
06NMM010B2RF	38.1
LBB 1501	36.9
TAM B139-17	36.4
LSD	0.7

MD25	9.0
DP 161B2RF	8.9
DP 0949B2RF	8.7
PHYTOGEN 72	8.7
DP 555BG/RR	7.8
LSD	1.5

2.5% S.L. (INCHES)	
TAM B139-17	1.33
NM05N1104	1.22
NM05N1054	1.22
06NMM024B2RF	1.22
FM 1845LLB2	1.21
ARK 0111-23	1.19
06NMM010B2RF	1.19
ARK 0023-13	1.19
MD25	1.19
DP 161B2RF	1.19
PHYTOGEN 72	1.19
FM 9180B2F	1.19
LBB 1501	1.18
DP 0949B2RF	1.17
ST 4288B2RF	1.15
FM 1740B2F	1.14
DP 555BG/RR	1.13
DP 135B2RF	1.12
LBB 4222	1.11
LSD	0.04

UR (PERCENT)	
TAM B139-17	86.4
MD25	84.9
NM05N1104	84.8
FM 1845LLB2	84.7
06NMM024B2RF	84.5
NM05N1054	84.5
ARK 0111-23	84.5
06NMM010B2RF	84.4
PHYTOGEN 72	84.3
DP 161B2RF	84.3
ARK 0023-13	84.0
FM 9180B2F	84.0
LBB 1501	83.7
DP 0949B2RF	83.6
ST 4288B2RF	83.6
FM 1740B2F	83.5
DP 135B2RF	83.3
DP 555BG/RR	82.5
LBB 4222	82.4
LSD	0.7

STRENGTH (G/TEX)	
06NMM010B2RF	33.9
TAM B139-17	33.7
PHYTOGEN 72	33.6
MD25	33.3
NM05N1054	33.2
06NMM024B2RF	32.3
LBB 1501	32.1
LBB 4222	32.1
NM05N1104	31.7
FM 1845LLB2	31.6
ARK 0023-13	30.8
FM 9180B2F	30.8
DP 161B2RF	30.4
ARK 0111-23	30.0
DP 0949B2RF	29.1
FM 1740B2F	29.0
DP 555BG/RR	28.9
ST 4288B2RF	28.8
DP 135B2RF	28.2
LSD	1.3

E	
PHYTOGEN 72	7.3
NM05N1104	7.1
DP 0949B2RF	7.1
06NMM010B2RF	7.0
06NMM024B2RF	7.0

MICRONAIRE (SL-HVI)	
LBB 4222	4.88
ARK 0023-13	4.83
ST 4288B2RF	4.76
DP 0949B2RF	4.76
FM 1740B2F	4.68

COLORIMETER - Rd	
FM 1845LLB2	74.1
DP 161B2RF	73.7
FM 9180B2F	73.5
DP 555BG/RR	73.3
TAM B139-17	73.2

DP 161B2RF	7.0	LBB 1501	4.64	MD25	72.1
MD25	7.0	DP 135B2RF	4.64	LBB 1501	71.9
NM05N1054	6.9	FM 1845LLB2	4.63	DP 0949B2RF	71.8
ARK 0111-23	6.9	DP 161B2RF	4.61	DP 135B2RF	71.7
ST 4288B2RF	6.9	MD25	4.58	ARK 0111-23	71.7
LBB 4222	6.9	FM 9180B2F	4.53	ST 4288B2RF	71.4
LBB 1501	6.9	PHYTOGEN 72	4.48	ARK 0023-13	71.3
FM 9180B2F	6.9	DP 555BG/RR	4.47	FM 1740B2F	71.2
FM 1845LLB2	6.8	NM05N1104	4.46	LBB 4222	71.1
DP 135B2RF	6.8	06NMM010B2RF	4.44	NM05N1104	70.8
ARK 0023-13	6.8	NM05N1054	4.44	06NMM024B2RF	70.8
FM 1740B2F	6.8	ARK 0111-23	4.36	NM05N1054	70.4
TAM B139-17	6.7	06NMM024B2RF	4.33	PHYTOGEN 72	70.4
DP 555BG/RR	6.5	TAM B139-17	4.26	06NMM010B2RF	70.0
LSD	0.2	LSD	0.21	LSD	2.1

COLORIMETER - b		MICRONAIRE		STELOMETER - E1	
DP 135B2RF	8.7	LBB 4222	4.87	PHYTOGEN 72	8.2
ST 4288B2RF	8.5	ARK 0023-13	4.85	ST 4288B2RF	8.1
PHYTOGEN 72	8.5	ST 4288B2RF	4.77	DP 135B2RF	7.8
ARK 0023-13	8.4	DP 0949B2RF	4.76	DP 161B2RF	7.8
LBB 4222	8.3	DP 135B2RF	4.71	06NMM024B2RF	7.7
06NMM010B2RF	8.3	FM 1740B2F	4.69	DP 0949B2RF	7.6
DP 0949B2RF	8.3	LBB 1501	4.62	NM05N1104	7.6
NM05N1054	8.2	DP 161B2RF	4.59	ARK 0023-13	7.4
06NMM024B2RF	8.1	FM 1845LLB2	4.59	06NMM010B2RF	7.4
FM 1740B2F	8.1	MD25	4.58	FM 1740B2F	7.4
TAM B139-17	8.1	FM 9180B2F	4.54	LBB 1501	7.2
NM05N1104	8.0	PHYTOGEN 72	4.51	NM05N1054	7.1
DP 555BG/RR	7.9	DP 555BG/RR	4.48	TAM B139-17	7.1
MD25	7.8	NM05N1104	4.47	ARK 0111-23	7.1
LBB 1501	7.8	06NMM010B2RF	4.44	DP 555BG/RR	6.8
DP 161B2RF	7.6	NM05N1054	4.43	LBB 4222	6.7
ARK 0111-23	7.6	ARK 0111-23	4.38	MD25	6.7
FM 1845LLB2	7.6	06NMM024B2RF	4.32	FM 9180B2F	6.6
FM 9180B2F	7.3	TAM B139-17	4.26	FM 1845LLB2	6.4
LSD	0.5	LSD	0.23	LSD	0.8

STELOMETER - T1	
MD25	242
TAM B139-17	241
PHYTOGEN 72	241
06NMM010B2RF	234
06NMM024B2RF	232
NM05N1054	230
NM05N1104	224
LBB 1501	219
LBB 4222	217
DP 161B2RF	217
FM 1845LLB2	217
FM 9180B2F	216
ARK 0023-13	213
FM 1740B2F	211
ARK 0111-23	209
DP 0949B2RF	209
DP 555BG/RR	208
ST 4288B2RF	206
DP 135B2RF	199
LSD	13

FIBROGRAPH - 50% S.L.	
TAM B139-17	0.61
MD25	0.61
FM 1845LLB2	0.60
06NMM024B2RF	0.60
NM05N1104	0.60
06NMM010B2RF	0.60
PHYTOGEN 72	0.60
NM05N1054	0.59
LBB 1501	0.59
ARK 0023-13	0.58
FM 9180B2F	0.58
DP 0949B2RF	0.58
DP 161B2RF	0.58
ARK 0111-23	0.58
LBB 4222	0.57
FM 1740B2F	0.57
ST 4288B2RF	0.57
DP 135B2RF	0.56
DP 555BG/RR	0.55
LSD	0.01

FIBROGRAPH - 2.5% S.L.	
TAM B139-17	1.32
FM 1845LLB2	1.22
NM05N1104	1.22
NM05N1054	1.21
06NMM024B2RF	1.21
MD25	1.20
PHYTOGEN 72	1.20
ARK 0023-13	1.19
06NMM010B2RF	1.19
ARK 0111-23	1.19
DP 161B2RF	1.18
FM 9180B2F	1.18
LBB 1501	1.17
DP 0949B2RF	1.16
ST 4288B2RF	1.15
FM 1740B2F	1.14
DP 555BG/RR	1.13
DP 135B2RF	1.13
LBB 4222	1.12
LSD	0.03

YARN TENACITY	
MD25	134
TAM B139-17	132
06NMM024B2RF	132
PHYTOGEN 72	131
06NMM010B2RF	131
NM05N1054	130
LBB 1501	124
NM05N1104	122
DP 161B2RF	120
FM 1845LLB2	120
FM 9180B2F	119
ARK 0023-13	117
LBB 4222	113

AREALOMETER - A (MM2/MM3)	
ARK 0111-23	461
06NMM024B2RF	457
TAM B139-17	457
NM05N1054	453
DP 555BG/RR	451
06NMM010B2RF	449
NM05N1104	448
PHYTOGEN 72	448
DP 161B2RF	439
LBB 1501	438
MD25	436
FM 1845LLB2	435
DP 0949B2RF	434

AREALOMETER - D (MM2/MM3)	
ARK 0111-23	34.8
DP 555BG/RR	32.9
ST 4288B2RF	32.5
DP 135B2RF	31.8
DP 161B2RF	30.9
NM05N1054	30.8
TAM B139-17	30.7
FM 1740B2F	30.2
LBB 1501	30.1
NM05N1104	29.3
ARK 0023-13	28.7
LBB 4222	28.5
06NMM024B2RF	27.9

DP 0949B2RF	112	FM 9180B2F	434	FM 9180B2F	27.7
ARK 0111-23	112	FM 1740B2F	434	PHYTOGEN 72	27.4
FM 1740B2F	110	DP 135B2RF	432	MD25	27.1
ST 4288B2RF	105	ARK 0023-13	430	FM 1845LLB2	26.9
DP 555BG/RR	105	ST 4288B2RF	430	06NMM010B2RF	25.8
DP 135B2RF	100	LBB 4222	424	DP 0949B2RF	25.2
LSD	7	LSD	18.5	LSD	5.0

AREALOMETER - I		AREALOMETER - M (PERCENT)		AREALOMETER - P (MIC)???	
ARK 0111-23	1.83	DP 0949B2RF	88	ST 4288B2RF	52.21
ST 4288B2RF	1.79	06NMM010B2RF	87	DP 135B2RF	51.23
DP 555BG/RR	1.79	FM 1845LLB2	86	LBB 4222	50.72
DP 135B2RF	1.77	MD25	86	FM 1740B2F	50.70
TAM B139-17	1.76	FM 9180B2F	86	DP 161B2RF	50.06
NM05N1054	1.76	PHYTOGEN 72	86	ARK 0023-13	49.91
DP 161B2RF	1.76	06NMM024B2RF	86	LBB 1501	49.74
FM 1740B2F	1.75	LBB 4222	85	ARK 0111-23	49.72
LBB 1501	1.74	ARK 0023-13	85	DP 555BG/RR	49.64
NM05N1104	1.73	NM05N1104	85	FM 9180B2F	48.90
LBB 4222	1.72	LBB 1501	84	NM05N1054	48.73
ARK 0023-13	1.71	FM 1740B2F	84	TAM B139-17	48.44
06NMM024B2RF	1.70	DP 161B2RF	83	FM 1845LLB2	48.41
PHYTOGEN 72	1.70	NM05N1054	83	MD25	48.34
FM 9180B2F	1.70	TAM B139-17	83	NM05N1104	48.18
FM 1845LLB2	1.68	DP 135B2RF	83	PHYTOGEN 72	47.61
MD25	1.68	ST 4288B2RF	82	DP 0949B2RF	47.27
06NMM010B2RF	1.66	DP 555BG/RR	82	06NMM024B2RF	46.73
DP 0949B2RF	1.64	ARK 0111-23	81	06NMM010B2RF	46.26
LSD	0.09	LSD	4	LSD	1.86

AREALOMETER - W (MG/INCH)		AREALOMETER - t (MICRONS)		SEED YIELD (LB/ACRE	
ST 4288B2RF	4.70	LBB 4222	2.9	FM 1845LLB2	1706
LBB 4222	4.63	DP 0949B2RF	2.9	ST 4288B2RF	1639
DP 135B2RF	4.60	ARK 0023-13	2.9	FM 1740B2F	1580

FM 1740B2F	4.53	FM 9180B2F	2.9	ARK 0111-23	1572
ARK 0023-13	4.50	MD25	2.9	ARK 0023-13	1570
DP 161B2RF	4.43	DP 135B2RF	2.9	MD25	1540
LBB 1501	4.39	FM 1845LLB2	2.9	DP 0949B2RF	1530
FM 9180B2F	4.36	ST 4288B2RF	2.8	DP 161B2RF	1526
FM 1845LLB2	4.31	DP 161B2RF	2.8	FM 9180B2F	1524
MD25	4.30	FM 1740B2F	2.8	DP 135B2RF	1461
DP 555BG/RR	4.30	LBB 1501	2.8	NM05N1104	1394
DP 0949B2RF	4.23	06NMM010B2RF	2.8	LBB 1501	1392
ARK 0111-23	4.20	NM05N1104	2.8	DP 555BG/RR	1376
NM05N1054	4.17	PHYTOGEN 72	2.8	06NMM010B2RF	1366
NM05N1104	4.16	DP 555BG/RR	2.7	TAM B139-17	1321
PHYTOGEN 72	4.14	NM05N1054	2.7	06NMM024B2RF	1292
TAM B139-17	4.11	06NMM024B2RF	2.7	LBB 4222	1283
06NMM010B2RF	4.00	TAM B139-17	2.7	PHYTOGEN 72	1229
06NMM024B2RF	3.97	ARK 0111-23	2.7	NM05N1054	1119
LSD	0.24	LSD	0.1	LSD	161

OIL (PERCENT)		NITROGEN (PERCENT)		PLUS GOSSYPOL	
06NMM024B2RF	2.52	NM05N1054	3.54	MD25	0.66
DP 135B2RF	2.43	PHYTOGEN 72	3.52	NM05N1104	0.64
PHYTOGEN 72	2.42	MD25	3.50	ARK 0111-23	0.58
ARK 0023-13	2.39	06NMM024B2RF	3.47	ST 4288B2RF	0.58
LBB 1501	2.38	DP 555BG/RR	3.45	DP 135B2RF	0.56
FM 9180B2F	2.34	TAM B139-17	3.45	TAM B139-17	0.56
NM05N1104	2.32	FM 1740B2F	3.43	FM 1845LLB2	0.56
LBB 4222	2.31	LBB 4222	3.42	ARK 0023-13	0.55
NM05N1054	2.31	ARK 0111-23	3.41	06NMM024B2RF	0.55
DP 555BG/RR	2.28	NM05N1104	3.40	FM 1740B2F	0.54
MD25	2.27	06NMM010B2RF	3.40	NM05N1054	0.54
ARK 0111-23	2.23	DP 0949B2RF	3.40	06NMM010B2RF	0.54
DP 161B2RF	2.16	ST 4288B2RF	3.37	FM 9180B2F	0.53
06NMM010B2RF	2.15	LBB 1501	3.36	LBB 1501	0.51
ST 4288B2RF	2.08	DP 135B2RF	3.33	DP 0949B2RF	0.51
FM 1740B2F	2.06	FM 9180B2F	3.32	PHYTOGEN 72	0.51
DP 0949B2RF	2.06	FM 1845LLB2	3.32	LBB 4222	0.49
FM 1845LLB2	2.02	ARK 0023-13	3.20	DP 555BG/RR	0.49
TAM B139-17	2.00	DP 161B2RF	3.18	DP 161B2RF	0.47
LSD	0.59	LSD	0.12	LSD	0.05

MINUS GOSSYPOL		TOTAL GOSSYPOL (PERCENT)	
ST 4288B2RF	0.93	ST 4288B2RF	1.51
MD25	0.81	MD25	1.46
TAM B139-17	0.78	NM05N1104	1.41
NM05N1104	0.77	TAM B139-17	1.34
ARK 0023-13	0.77	ARK 0023-13	1.33
NM05N1054	0.76	NM05N1054	1.30
06NMM024B2RF	0.71	FM 1845LLB2	1.26
FM 1740B2F	0.70	06NMM024B2RF	1.25
FM 1845LLB2	0.70	FM 1740B2F	1.24
LBB 4222	0.69	DP 135B2RF	1.24
DP 0949B2RF	0.69	06NMM010B2RF	1.21
LBB 1501	0.68	DP 0949B2RF	1.20
06NMM010B2RF	0.67	FM 9180B2F	1.19
DP 135B2RF	0.67	LBB 1501	1.19
FM 9180B2F	0.67	LBB 4222	1.18
PHYTOGEN 72	0.66	ARK 0111-23	1.17
DP 555BG/RR	0.66	PHYTOGEN 72	1.17
DP 161B2RF	0.63	DP 555BG/RR	1.15
ARK 0111-23	0.59	DP 161B2RF	1.10
LSD	0.07	LSD	0.12

reg=71 REGION=HIGH QUALITY

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 (%)
WESLACO, TX	1442	.	37.1	.	.	.	.	.	.
LUBBOCK, TX	1315	6.13	37.9	10.2	108	1.15	0.55	216	7.7
FLORENCE, SC	1159	6.01	42.2	10.7	124	1.14	0.57	231	6.9
BELLE MINA, AL	1096	5.06	40.9	10.1	120	1.22	0.60	225	8.5
JACKSON, TN	973	5.81	41.3	.	119	1.17	0.57	203	7.1
LAS CRUCES, NM	923	4.97	41.4	.	.	.	.	.	.
STONEVILLE, MS	918	5.46	41.0	10.4	121	1.20	0.61	219	7.8
BOSSIER CITY, LA	767	6.01	39.9	10.3	119	1.21	0.60	220	7.1

COLLEGE STATION, TX	703	4.19	38.7	3.1	120	1.15	0.58	232	6.0
KEISER, AR	600	4.82	38.1	10.4	127	1.20	0.59	219	6.8
PORTAGEVILLE, MO	496	.	36.0	9.9	118	1.22	0.58	216	7.6

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

LOCATION	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
WESLACO. TX	.	.	.	.	.	.	.	.	2448	.	.
LUBBOCK, TX	4.62	1.17	82.2	30.8	7.4	72.6	8.4	4.66	2201	1.86	3.57
FLORENCE, SC	4.87	1.12	83.3	32.4	7.0	71.6	8.3	4.88	1584	2.03	3.44
BELLE MINA, AL	4.02	1.22	85.0	31.2	7.1	74.1	8.6	4.04	1576	1.97	3.32
JACKSON, TN	4.75	1.17	83.7	28.8	6.9	72.7	7.2	4.73	1376	2.45	2.95
LAS CRUCES, NM	.	.	.	.	.	.	.	.	1306	2.33	3.30
STONEVILLE, MS	4.97	1.20	85.2	31.3	7.0	73.6	8.5	4.95	1306	2.50	3.08
BOSSIER CITY, LA	4.42	1.22	85.4	30.4	7.0	76.4	7.7	4.49	1138	1.90	3.63
COLLEGE STATION, TX	4.98	1.17	83.6	32.6	6.6	63.8	7.2	5.01	1092	1.85	3.74
KEISER, AR	4.69	1.21	84.9	31.5	6.9	73.4	7.2	4.50	966	3.40	3.44
PORTAGEVILLE, MO	3.83	1.21	83.6	31.6	6.3	68.2	9.1	3.85	882	2.27	3.37

	---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
LOCATION	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
WESLACO, TX	.	.	.	.	.	.	.	.	.	.
LUBBOCK, TX	0.50	0.65	1.16	436	25.7	1.67	87	48.14	4.28	2.8
FLORENCE, SC	0.52	0.71	1.23	418	23.5	1.62	89	48.66	4.51	3.0
BELLE MINA, AL	0.60	0.77	1.36	472	44.4	2.02	73	53.77	4.43	2.5
JACKSON, TN	0.60	0.76	1.37	422	18.5	1.51	93	44.86	4.11	3.0
LAS CRUCES, NM	0.52	0.67	1.19	.	.	.	.	.	.	.
STONEVILLE, MS	0.65	0.82	1.46	404	18.2	1.50	93	46.57	4.46	3.2
BOSSIER CITY, LA	0.56	0.74	1.30	442	25.5	1.66	87	47.27	4.14	2.8
COLLEGE STATION, TX	0.42	0.60	1.01	.	.	.	.	.	.	.
KEISER, AR	0.57	0.72	1.29	439	30.0	1.75	84	49.98	4.41	2.8
PORTAGEVILLE, MO	0.54	0.68	1.22	495	47.3	2.07	72	52.48	4.12	2.4

LOCATION=LUBBOCK, TX

VARIETY CODE	VARIETY NAME	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 (%)
1364	DP 135B2RF	1617	6.48	41.1	9.5	76	1.07	0.52	191	7.0
1381	DP 0949B2RF	1596	5.88	41.3	9.1	103	1.13	0.55	210	6.5
1358	FM 1740B2F	1501	6.02	41.0	9.7	99	1.10	0.54	201	8.5
1382	FM 1845LLB2	1449	6.38	37.9	11.1	110	1.21	0.58	217	7.0
1270	DP 555BG/RR	1405	5.29	41.6	6.7	73	1.07	0.51	182	6.5
1372	MD25	1392	6.67	37.6	10.9	126	1.20	0.58	224	7.5
1352	FM 9180B2F	1348	6.15	37.6	10.2	115	1.15	0.56	217	7.0
1380	ARK 0111-23	1346	6.34	37.9	10.7	104	1.15	0.54	202	8.0
1385	NM05N1054	1331	5.89	35.8	11.4	133	1.21	0.59	245	8.0
1379	ARK 0023-13	1308	6.61	38.7	11.4	105	1.16	0.55	217	8.5
1370	DP 161B2RF	1299	5.82	38.1	9.0	113	1.16	0.55	212	9.0
1387	ST 4288B2RF	1296	6.05	38.0	9.9	84	1.10	0.52	206	8.5
1377	06NMM010B2RF	1286	6.42	37.0	10.0	127	1.18	0.57	235	7.0
1384	LBB 4222	1257	6.31	36.4	11.3	96	1.07	0.53	209	8.0
1383	LBB 1501	1169	6.11	35.2	10.9	120	1.13	0.56	224	7.5
1386	NM05N1104	1162	5.52	36.7	10.4	115	1.18	0.56	222	7.5
1378	06NMM024B2RF	1106	6.22	37.0	10.4	123	1.21	0.58	235	9.0
1166	PHYTOGEN 72	1084	5.66	37.4	9.5	116	1.16	0.55	227	8.5
1388	TAM B139-17	1033	6.80	34.2	12.6	124	1.29	0.58	226	7.5
.	LSD	263	0.76	1.9	0.9	10	0.04	0.02	15	1.4

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1364	DP 135B2RF	5.10	1.10	80.8	27.5	7.5	73.0	9.0	5.10	2461	1.56	3.52
1381	DP 0949B2RF	4.95	1.15	82.1	28.5	7.6	74.0	8.4	5.10	2088	2.23	3.43
1358	FM 1740B2F	4.55	1.10	81.4	27.5	7.4	71.0	8.8	4.65	2341	1.28	3.46
1382	FM 1845LLB2	4.55	1.20	82.9	30.5	7.2	73.5	8.0	4.70	2431	1.85	3.32
1270	DP 555BG/RR	4.60	1.10	79.3	27.5	6.8	75.0	7.7	4.60	2034	1.64	3.76
1372	MD25	4.50	1.20	83.2	34.0	7.3	71.5	8.1	4.50	2084	2.87	3.74
1352	FM 9180B2F	4.40	1.15	82.0	31.5	7.5	72.5	8.5	4.40	2195	1.05	3.47
1380	ARK 0111-23	4.50	1.10	82.6	30.0	7.3	72.5	8.1	4.50	2245	2.79	3.45
1385	NM05N1054	4.45	1.25	83.9	34.5	7.7	72.5	8.1	4.50	2585	1.98	3.72
1379	ARK 0023-13	5.25	1.20	81.8	30.5	7.4	70.0	8.5	5.30	2306	2.39	3.44
1370	DP 161B2RF	4.85	1.20	82.6	30.0	7.8	75.0	8.2	4.95	2204	1.72	3.35
1387	ST 4288B2RF	5.15	1.10	81.6	27.5	7.8	74.0	9.1	5.15	2318	1.92	3.51
1377	06NMM010B2RF	4.20	1.20	82.7	33.0	7.1	68.0	8.9	4.25	2325	0.78	3.50
1384	LBB 4222	4.80	1.05	81.1	32.0	7.5	71.5	8.6	4.80	2307	2.07	3.70

1383	LBB 1501	4.50	1.20	82.2	32.0	7.2	73.0	8.5	4.65	2126	2.30	3.59	
1386	NM05N1104	4.45	1.20	82.5	32.5	7.6	71.5	8.3	4.45	1974	1.70	3.75	
1378	06NMM024B2RF	4.30	1.20	83.5	30.5	7.6	70.5	8.8	4.30	1935	3.32	3.70	
1166	PHYTOGEN 72	4.45	1.20	81.3	31.5	7.9	69.5	8.8	4.45	1838	0.77	3.66	
1388	TAM B139-17	4.25	1.30	84.9	34.0	7.3	80.0	7.1	4.25	2019	1.12	3.79	
.	LSD	0.28	0.07	1.3	1.8	0.5	6.3	1.1	0.32	703	1.50	0.27	

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1364	DP 135B2RF	0.52	0.60	1.12	402	23.5	1.62	89	50.50	4.86	3.1
1381	DP 0949B2RF	0.45	0.56	1.02	421	19.5	1.54	92	45.75	4.20	3.0
1358	FM 1740B2F	0.48	0.58	1.06	435	26.0	1.68	87	48.34	4.30	2.9
1382	FM 1845LLB2	0.48	0.61	1.08	423	21.5	1.59	90	47.04	4.31	3.0
1270	DP 555BG/RR	0.47	0.66	1.12	429	25.5	1.67	87	48.90	4.41	2.9
1372	MD25	0.59	0.68	1.27	446	27.5	1.70	86	48.00	4.17	2.8
1352	FM 9180B2F	0.55	0.67	1.23	452	22.5	1.61	90	44.67	3.83	2.8
1380	ARK 0111-23	0.54	0.46	1.00	446	29.5	1.75	84	49.37	4.28	2.7
1385	NM05N1054	0.53	0.78	1.31	446	31.0	1.77	83	49.94	4.34	2.8
1379	ARK 0023-13	0.54	0.78	1.31	401	22.0	1.58	90	49.44	4.76	3.2
1370	DP 161B2RF	0.41	0.56	0.97	418	23.0	1.62	89	48.47	4.48	3.0
1387	ST 4288B2RF	0.56	0.90	1.46	411	23.5	1.62	89	49.41	4.66	3.1
1377	06NMM010B2RF	0.50	0.63	1.12	457	27.5	1.71	85	47.15	4.00	2.7
1384	LBB 4222	0.48	0.70	1.17	430	27.5	1.71	85	49.95	4.49	2.9
1383	LBB 1501	0.49	0.67	1.16	436	33.0	1.82	81	52.30	4.63	2.8
1386	NM05N1104	0.58	0.68	1.26	454	27.0	1.70	86	46.90	3.99	2.7
1378	06NMM024B2RF	0.49	0.62	1.11	468	23.0	1.62	89	43.34	3.60	2.7
1166	PHYTOGEN 72	0.50	0.68	1.18	453	26.5	1.69	86	46.82	4.00	2.7
1388	TAM B139-17	0.44	0.64	1.08	452	29.5	1.74	84	48.35	4.14	2.7
.	LSD	0.12	0.12	0.25	28.3	8.9	0.18	7	4.66	0.50	0.3

LOCATION=COLLEGE STATION, TX

		LINT	BOLL			YARN	DIGITAL FIBROGRAPH		STELOMETER	
VARIETY CODE	VARIETY NAME	YIELD (lb/acre)	SIZE (g/boll)	LINT PERCENT	SEED INDEX	TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1382	FM 1845LLB2	1026	4.86	38.2	0.9	125	1.18	0.61	228	5.5
1364	DP 135B2RF	958	4.37	42.9	9.2	95	1.09	0.57	202	6.0
1352	FM 9180B2F	842	4.70	37.7	0.8	136	1.14	0.58	231	6.0

1380	ARK 0111-23	840	5.29	38.8	1.8	117	1.15	0.60	224	6.0
1372	MD25	805	5.06	38.8	0.4	135	1.16	0.61	243	6.0
1388	TAM B139-17	798	4.11	40.3	2.3	129	1.29	0.61	250	6.0
1387	ST 4288B2RF	766	3.79	37.0	5.3	105	1.11	0.57	206	6.0
1358	FM 1740B2F	765	4.06	42.2	5.1	108	1.08	0.55	219	6.0
1270	DP 555BG/RR	744	2.75	42.4	7.5	98	1.07	0.54	204	6.0
1381	DP 0949B2RF	731	3.43	42.4	8.8	110	1.08	0.57	214	6.0
1384	LBB 4222	706	4.15	36.8	1.4	113	1.11	0.58	239	6.0
1370	DP 161B2RF	651	4.10	37.9	9.2	122	1.13	0.56	210	6.0
1386	NM05N1104	622	4.05	38.4	1.0	121	1.19	0.59	235	6.5
1379	ARK 0023-13	589	4.34	38.5	1.3	111	1.14	0.57	216	6.0
1383	LBB 1501	585	4.26	35.0	1.7	124	1.17	0.61	244	6.0
1378	06NMM024B2RF	509	4.23	38.1	0.6	132	1.18	0.60	250	6.0
1377	06NMM010B2RF	507	4.91	37.2	0.6	138	1.18	0.61	259	6.0
1166	PHYTOGEN 72	468	3.69	36.6	0.7	139	1.15	0.60	280	6.0
1385	NM05N1054	439	3.47	37.0	0.9	135	1.21	0.62	256	6.0
.	LSD	183	0.94	3.3	4.5	13	0.04	0.03	19	0.8

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1382	FM 1845LLB2	5.30	1.15	84.1	33.5	6.7	70.5	5.9	5.40	1691	2.30	3.55
1364	DP 135B2RF	5.05	1.10	82.6	27.5	6.4	62.5	7.4	5.15	1453	1.33	3.74
1352	FM 9180B2F	4.70	1.20	83.5	32.0	6.3	73.0	4.8	4.65	1255	1.35	3.62
1380	ARK 0111-23	5.15	1.15	85.2	33.5	6.8	66.5	5.9	5.20	1254	1.90	3.66
1372	MD25	4.80	1.20	84.0	33.5	6.6	65.0	6.9	4.90	1296	1.30	4.00
1388	TAM B139-17	4.45	1.30	85.7	35.0	6.4	64.0	8.7	4.40	1249	2.19	3.95
1387	ST 4288B2RF	4.85	1.10	83.6	28.0	6.3	63.0	8.1	4.85	1046	2.42	3.73
1358	FM 1740B2F	5.40	1.05	82.3	30.5	6.7	63.5	7.6	5.45	1127	2.08	3.73
1270	DP 555BG/RR	4.60	1.10	81.6	30.5	6.0	59.0	8.5	4.80	911	3.31	3.86
1381	DP 0949B2RF	5.20	1.15	81.3	30.0	6.6	62.0	6.8	5.20	990	1.09	3.80
1384	LBB 4222	5.25	1.10	81.7	33.5	6.6	62.5	7.8	5.35	1280	1.59	3.69
1370	DP 161B2RF	5.20	1.15	83.2	31.5	6.8	65.0	6.1	5.20	1090	2.53	3.58
1386	NM05N1104	5.25	1.20	84.1	32.5	6.6	63.0	7.7	5.15	1038	0.87	3.77
1379	ARK 0023-13	5.50	1.15	84.2	32.0	6.5	62.0	7.3	5.40	861	1.17	3.52
1383	LBB 1501	5.25	1.20	83.5	34.5	6.7	71.0	5.4	5.25	1032	1.54	3.75
1378	06NMM024B2RF	4.70	1.20	84.4	35.0	7.0	60.5	7.5	4.70	832	2.03	3.84
1377	06NMM010B2RF	4.80	1.20	84.1	34.5	6.8	57.5	8.6	4.75	850	1.09	3.81
1166	PHYTOGEN 72	4.70	1.20	84.8	35.0	7.0	57.5	9.0	4.75	746	3.54	3.70
1385	NM05N1054	4.55	1.25	85.3	36.5	6.7	63.5	7.3	4.70	754	1.59	3.74
.	LSD	0.52	0.07	1.7	2.0	0.5	3.1	0.8	0.54	586	1.25	0.34

---GOSSYPOL LEVELS--- ----------AREALOMETER DATA----------

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
					---(mm2/mm3)---						
1382	FM 1845LLB2	0.45	0.64	1.09	.	.	.	.	.	.	.
1364	DP 135B2RF	0.41	0.52	0.93	.	.	.	.	.	.	.
1352	FM 9180B2F	0.43	0.56	0.98	.	.	.	.	.	.	.
1380	ARK 0111-23	0.42	0.48	0.90	.	.	.	.	.	.	.
1372	MD25	0.60	0.75	1.34	.	.	.	.	.	.	.
1388	TAM B139-17	0.30	0.51	0.81	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.44	0.88	1.32	.	.	.	.	.	.	.
1358	FM 1740B2F	0.44	0.58	1.02	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.34	0.51	0.85	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.33	0.47	0.79	.	.	.	.	.	.	.
1384	LBB 4222	0.35	0.56	0.91	.	.	.	.	.	.	.
1370	DP 161B2RF	0.37	0.55	0.92	.	.	.	.	.	.	.
1386	NM05N1104	0.55	0.67	1.21	.	.	.	.	.	.	.
1379	ARK 0023-13	0.44	0.68	1.11	.	.	.	.	.	.	.
1383	LBB 1501	0.42	0.68	1.10	.	.	.	.	.	.	.
1378	06NMM024B2RF	0.38	0.55	0.92	.	.	.	.	.	.	.
1377	06NMM010B2RF	0.40	0.55	0.95	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.41	0.60	1.00	.	.	.	.	.	.	.
1385	NM05N1054	0.45	0.68	1.13	.	.	.	.	.	.	.
.	LSD	0.06	0.06	0.14	.	.	.	.	.	.	.

LOCATION=WESLACO, TX

VARIETY CODE	VARIETY NAME	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 (%)
1358	FM 1740B2F	1825	.	40.4	.	.	.	.	.	.
1380	ARK 0111-23	1629	.	38.0	.	.	.	.	.	.
1382	FM 1845LLB2	1609	.	36.5	.	.	.	.	.	.
1372	MD25	1602	.	38.2	.	.	.	.	.	.
1364	DP 135B2RF	1598	.	40.0	.	.	.	.	.	.
1352	FM 9180B2F	1598	.	37.1	.	.	.	.	.	.
1370	DP 161B2RF	1566	.	37.7	.	.	.	.	.	.
1387	ST 4288B2RF	1566	.	39.8	.	.	.	.	.	.
1379	ARK 0023-13	1563	.	36.5	.	.	.	.	.	.
1386	NM05N1104	1428	.	35.9	.	.	.	.	.	.
1381	DP 0949B2RF	1412	.	38.3	.	.	.	.	.	.
1378	06NMM024B2RF	1395	.	36.6	.	.	.	.	.	.
1383	LBB 1501	1384	.	34.3	.	.	.	.	.	.
1377	06NMM010B2RF	1358	.	36.7	.	.	.	.	.	.

1270	DP 555BG/RR	1329	.	39.3	.	.	.	.	.	.
1384	LBB 4222	1220	.	35.2	.	.	.	.	.	.
1166	PHYTOGEN 72	1180	.	35.8	.	.	.	.	.	.
1388	TAM B139-17	1160	.	32.4	.	.	.	.	.	.
1385	NM05N1054	981	.	35.5	.	.	.	.	.	.
.	LSD	159	.	4.1	.	.	.	.	.	.

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1358	FM 1740B2F	.	.	.	.	.	.	.	.	2788	.	.
1380	ARK 0111-23	.	.	.	.	.	.	.	.	2613	.	.
1382	FM 1845LLB2	.	.	.	.	.	.	.	.	2908	.	.
1372	MD25	.	.	.	.	.	.	.	.	2578	.	.
1364	DP 135B2RF	.	.	.	.	.	.	.	.	2406	.	.
1352	FM 9180B2F	.	.	.	.	.	.	.	.	2668	.	.
1370	DP 161B2RF	.	.	.	.	.	.	.	.	2558	.	.
1387	ST 4288B2RF	.	.	.	.	.	.	.	.	2390	.	.
1379	ARK 0023-13	.	.	.	.	.	.	.	.	2784	.	.
1386	NM05N1104	.	.	.	.	.	.	.	.	2627	.	.
1381	DP 0949B2RF	.	.	.	.	.	.	.	.	2293	.	.
1378	06NMM024B2RF	.	.	.	.	.	.	.	.	2377	.	.
1383	LBB 1501	.	.	.	.	.	.	.	.	2590	.	.
1377	06NMM010B2RF	.	.	.	.	.	.	.	.	2369	.	.
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	1917	.	.
1384	LBB 4222	.	.	.	.	.	.	.	.	2300	.	.
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	2134	.	.
1388	TAM B139-17	.	.	.	.	.	.	.	.	2438	.	.
1385	NM05N1054	.	.	.	.	.	.	.	.	1783	.	.
.	LSD	.	.	.	.	.	.	.	.	273	.	.

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS--- PLUS (+)	MINUS (-)	TOTAL (%)	----------AREALOMETER DATA---------- A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1358	FM 1740B2F	.	.	.	.	.	.	.	.	.	.
1380	ARK 0111-23	.	.	.	.	.	.	.	.	.	.
1382	FM 1845LLB2	.	.	.	.	.	.	.	.	.	.
1372	MD25	.	.	.	.	.	.	.	.	.	.
1364	DP 135B2RF	.	.	.	.	.	.	.	.	.	.
1352	FM 9180B2F	.	.	.	.	.	.	.	.	.	.
1370	DP 161B2RF	.	.	.	.	.	.	.	.	.	.

1387	ST 4288B2RF	.	.	.	.	.	.	.	.	.	.
1379	ARK 0023-13	.	.	.	.	.	.	.	.	.	.
1386	NM05N1104	.	.	.	.	.	.	.	.	.	.
1381	DP 0949B2RF	.	.	.	.	.	.	.	.	.	.
1378	06NMM024B2RF	.	.	.	.	.	.	.	.	.	.
1383	LBB 1501	.	.	.	.	.	.	.	.	.	.
1377	06NMM010B2RF	.	.	.	.	.	.	.	.	.	.
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	.	.
1384	LBB 4222	.	.	.	.	.	.	.	.	.	.
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	.
1388	TAM B139-17	.	.	.	.	.	.	.	.	.	.
1385	NM05N1054	.	.	.	.	.	.	.	.	.	.
.	LSD	.	.	.	.	.	.	.	.	.	.

LOCATION=BOSSIER CITY, LA

VARIETY CODE	VARIETY NAME	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 (%)
1381	DP 0949B2RF	1233	5.38	44.2	8.6	106	1.17	0.60	202	8.0
1270	DP 555BG/RR	1150	5.26	43.1	8.0	106	1.17	0.58	211	6.5
1358	FM 1740B2F	1087	5.65	42.4	9.7	118	1.20	0.61	199	6.0
1387	ST 4288B2RF	979	5.74	40.1	10.3	108	1.23	0.60	203	6.5
1352	FM 9180B2F	904	6.16	40.6	10.7	123	1.21	0.60	221	6.5
1382	FM 1845LLB2	850	6.41	39.1	11.1	120	1.27	0.60	212	5.0
1370	DP 161B2RF	767	5.29	39.2	8.5	127	1.20	0.61	215	6.5
1378	06NMM024B2RF	750	6.10	39.3	10.2	126	1.21	0.61	236	9.0
1380	ARK 0111-23	744	6.76	40.4	11.0	105	1.23	0.59	200	6.0
1379	ARK 0023-13	701	6.50	38.4	10.9	114	1.24	0.61	224	8.0
1377	06NMM010B2RF	695	5.80	37.3	10.2	134	1.16	0.59	262	8.5
1372	MD25	682	6.27	40.8	10.7	137	1.23	0.63	245	6.5
1364	DP 135B2RF	670	5.61	41.8	9.4	98	1.17	0.57	190	7.5
1166	PHYTOGEN 72	667	5.89	39.1	9.6	132	1.21	0.63	257	8.5
1386	NM05N1104	657	5.90	39.4	10.7	106	1.25	0.63	210	7.5
1383	LBB 1501	606	6.21	37.9	11.1	124	1.18	0.60	224	6.5
1388	TAM B139-17	527	6.63	36.4	12.7	138	1.38	0.65	236	8.5
1384	LBB 4222	489	6.64	38.5	11.7	113	1.18	0.60	219	6.5
1385	NM05N1054	421	6.04	39.9	10.9	125	1.22	0.59	219	7.0
.	LSD	175	0.38	1.6	0.8	10	0.04	0.03	16	1.3

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1381	DP 0949B2RF	4.60	1.15	85.4	27.0	7.3	78.0	8.1	4.80	1549	1.33	3.69
1270	DP 555BG/RR	4.10	1.15	83.0	27.5	6.5	79.5	7.0	4.25	1460	1.00	3.77
1358	FM 1740B2F	4.30	1.20	84.4	28.0	6.5	78.0	7.1	4.40	1472	1.72	3.59
1387	ST 4288B2RF	4.70	1.20	84.9	29.0	7.2	76.0	7.9	4.70	1431	1.74	3.65
1352	FM 9180B2F	4.45	1.25	85.6	31.0	7.0	78.0	7.1	4.45	1310	1.84	3.40
1382	FM 1845LLB2	4.50	1.30	85.7	30.5	6.6	77.5	7.1	4.45	1197	1.01	3.54
1370	DP 161B2RF	4.35	1.20	86.3	29.0	7.1	77.5	7.1	4.45	1257	1.66	3.49
1378	06NMM024B2RF	4.10	1.25	85.8	31.5	7.3	76.0	8.0	4.25	1269	3.05	3.83
1380	ARK 0111-23	4.25	1.25	86.4	28.5	7.0	76.0	7.5	4.25	1097	2.15	3.80
1379	ARK 0023-13	4.60	1.25	85.7	31.0	6.7	76.0	8.3	4.65	1116	2.36	3.41
1377	06NMM010B2RF	4.30	1.20	85.4	34.5	7.5	74.0	8.2	4.35	1138	2.68	3.57
1372	MD25	4.55	1.20	85.8	32.0	7.1	76.5	7.8	4.60	1005	2.07	3.70
1364	DP 135B2RF	4.80	1.15	84.3	28.0	6.9	74.0	8.4	4.85	986	1.73	3.59
1166	PHYTOGEN 72	4.40	1.20	85.8	32.5	7.3	74.5	8.4	4.55	1065	0.99	3.66
1386	NM05N1104	4.35	1.25	86.3	30.5	7.4	76.0	8.1	4.45	900	1.84	3.63
1383	LBB 1501	4.35	1.20	84.6	31.5	7.0	76.0	7.6	4.55	1038	2.61	3.67
1388	TAM B139-17	4.10	1.40	88.3	33.5	6.8	77.5	7.7	4.10	968	1.80	3.59
1384	LBB 4222	4.65	1.20	84.3	30.5	7.2	75.5	8.2	4.65	733	2.44	3.61
1385	NM05N1054	4.45	1.20	84.6	31.5	6.9	75.0	8.2	4.50	644	2.08	3.79
.	LSD	0.34	0.09	1.0	2.0	0.3	2.8	0.5	0.40	273	1.48	0.45

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS--- PLUS (+)	MINUS (-)	TOTAL (%)	AREALOMETER DATA A (mm2/mm3)	D (mm2/mm3)	I	M (%)	p (microns)	w (mg/in)	t (microns)
1381	DP 0949B2RF	0.52	0.75	1.26	429	19.0	1.53	93	44.57	4.02	3.0
1270	DP 555BG/RR	0.43	0.62	1.05	450	25.0	1.65	87	45.98	3.95	2.8
1358	FM 1740B2F	0.54	0.71	1.25	447	27.0	1.70	86	47.91	4.16	2.8
1387	ST 4288B2RF	0.61	0.95	1.56	433	26.0	1.68	87	48.55	4.33	2.9
1352	FM 9180B2F	0.56	0.73	1.29	427	21.5	1.59	90	46.59	4.22	3.0
1382	FM 1845LLB2	0.57	0.72	1.29	435	23.0	1.62	89	46.56	4.13	2.9
1370	DP 161B2RF	0.44	0.62	1.06	448	29.0	1.74	84	48.92	4.23	2.7
1378	06NMM024B2RF	0.53	0.70	1.23	453	24.5	1.64	88	45.47	3.89	2.7
1380	ARK 0111-23	0.62	0.63	1.24	457	35.5	1.87	79	51.39	4.35	2.6
1379	ARK 0023-13	0.49	0.71	1.20	433	29.0	1.74	84	50.58	4.53	2.9
1377	06NMM010B2RF	0.57	0.73	1.30	452	18.5	1.51	93	41.78	3.57	2.9
1372	MD25	0.67	0.88	1.54	429	24.5	1.65	88	48.20	4.35	2.9
1364	DP 135B2RF	0.59	0.73	1.31	426	27.5	1.70	86	50.09	4.56	2.9
1166	PHYTOGEN 72	0.50	0.64	1.14	456	22.0	1.59	90	43.84	3.72	2.7
1386	NM05N1104	0.66	0.85	1.51	447	30.0	1.75	84	49.26	4.27	2.8
1383	LBB 1501	0.57	0.76	1.32	446	26.0	1.68	87	47.26	4.11	2.8

1388	TAM B139-17	0.62	0.87	1.49	469	25.5	1.66	88	44.36	3.66	2.7
1384	LBB 4222	0.56	0.79	1.35	431	23.5	1.63	89	47.42	4.27	2.9
1385	NM05N1054	0.56	0.79	1.35	432	27.5	1.70	86	49.46	4.43	2.9
.	LSD	0.07	0.07	0.17	35.4	8.1	0.17	7	3.40	0.49	0.3

LOCATION=STONEVILLE, MS

VARIETY CODE	VARIETY NAME	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 (%)
1387	ST 4288B2RF	1384	5.79	42.1	10.8	113	1.18	0.61	205	10.0
1358	FM 1740B2F	1333	5.67	45.0	10.3	126	1.22	0.62	222	8.0
1270	DP 555BG/RR	1286	4.66	45.7	7.9	117	1.22	0.62	212	7.5
1372	MD25	1168	5.76	41.9	10.3	115	1.18	0.63	229	8.0
1380	ARK 0111-23	1153	6.20	42.0	11.4	119	1.17	0.59	195	7.5
1382	FM 1845LLB2	1133	5.69	41.0	11.0	107	1.22	0.64	216	6.5
1381	DP 0949B2RF	1110	5.11	42.1	8.8	127	1.27	0.64	218	7.0
1379	ARK 0023-13	1081	6.09	40.5	11.0	115	1.16	0.61	209	7.5
1370	DP 161B2RF	1052	4.75	40.5	8.8	129	1.20	0.62	243	8.5
1352	FM 9180B2F	948	5.86	40.9	11.4	108	1.21	0.60	202	7.0
1364	DP 135B2RF	948	5.28	44.1	9.5	121	1.18	0.61	223	7.5
1386	NM05N1104	750	5.18	40.0	10.3	123	1.23	0.63	223	8.5
1383	LBB 1501	676	5.35	38.2	10.7	120	1.18	0.60	220	9.5
1384	LBB 4222	624	5.79	39.2	11.5	122	1.18	0.61	208	7.0
1166	PHYTOGEN 72	593	4.88	39.4	9.9	119	1.19	0.60	209	7.5
1377	06NMM010B2RF	569	5.37	39.0	10.7	116	1.18	0.59	214	7.0
1385	NM05N1054	566	5.05	40.5	10.8	139	1.23	0.65	250	9.0
1378	06NMM024B2RF	546	5.25	39.8	10.0	134	1.21	0.64	243	6.5
1388	TAM B139-17	524	5.97	37.2	12.1	125	1.21	0.60	227	8.5
.	LSD	120	0.55	1.8	0.6	31	0.14	0.05	47	1.8

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1387	ST 4288B2RF	5.25	1.20	86.4	30.5	7.1	71.0	9.2	5.25	1826	1.77	3.03
1358	FM 1740B2F	4.85	1.25	85.9	31.0	7.1	70.5	9.1	4.80	1605	3.06	2.91
1270	DP 555BG/RR	5.05	1.20	85.5	29.5	6.9	75.0	8.5	5.00	1652	3.26	2.99
1372	MD25	5.15	1.20	84.7	31.0	6.9	76.0	8.3	5.15	1606	2.55	3.13
1380	ARK 0111-23	5.10	1.20	84.2	30.0	6.9	72.5	8.4	5.10	1601	2.05	2.86

1382	FM 1845LLB2	5.00	1.20	85.2	29.5	6.9	75.0	8.3	5.00	1709	2.33	3.09
1381	DP 0949B2RF	5.05	1.30	85.6	33.0	6.8	72.0	8.7	4.95	1661	2.27	3.44
1379	ARK 0023-13	4.95	1.15	84.5	30.0	7.2	73.5	8.8	4.95	1602	2.75	3.11
1370	DP 161B2RF	4.80	1.20	85.3	33.5	7.1	75.0	8.2	4.80	1525	1.95	3.01
1352	FM 9180B2F	5.15	1.20	84.5	29.5	6.8	74.0	8.5	5.15	1356	3.46	3.07
1364	DP 135B2RF	5.05	1.20	84.6	32.0	7.0	70.5	9.5	5.00	1208	2.55	3.11
1386	NM05N1104	4.70	1.20	85.6	33.5	7.1	72.5	8.2	4.75	1113	2.75	3.25
1383	LBB 1501	5.10	1.15	85.1	30.5	7.4	72.5	9.1	5.00	1054	2.23	3.11
1384	LBB 4222	4.85	1.20	83.9	31.5	6.9	76.0	8.3	4.85	986	2.45	2.91
1166	PHYTOGEN 72	5.20	1.15	83.9	30.0	7.0	78.0	7.4	5.05	935	3.07	2.92
1377	06NMM010B2RF	4.85	1.15	85.4	31.5	6.8	77.5	7.7	4.90	876	3.09	3.10
1385	NM05N1054	4.65	1.25	86.5	34.5	7.3	72.5	8.7	4.70	766	2.06	3.32
1378	06NMM024B2RF	5.05	1.20	85.2	34.5	7.1	74.5	7.9	5.05	818	1.99	3.18
1388	TAM B139-17	4.70	1.25	86.4	30.0	6.9	70.5	9.2	4.65	917	1.92	3.09
.	LSD	0.54	0.15	2.7	6.7	0.5	4.4	0.8	0.54	266	1.27	0.40

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1387	ST 4288B2RF	0.73	1.08	1.81	393	20.5	1.57	91	49.87	4.91	3.2
1358	FM 1740B2F	0.67	0.94	1.61	412	20.0	1.55	92	47.13	4.44	3.1
1270	DP 555BG/RR	0.67	0.77	1.44	385	18.5	1.51	93	49.31	4.96	3.3
1372	MD25	0.70	0.87	1.57	386	14.5	1.41	97	45.74	4.59	3.5
1380	ARK 0111-23	0.58	0.73	1.31	410	18.5	1.52	93	46.28	4.37	3.1
1382	FM 1845LLB2	0.67	0.69	1.36	405	16.0	1.46	95	45.01	4.30	3.2
1381	DP 0949B2RF	0.64	0.88	1.52	413	22.5	1.60	90	48.58	4.56	3.1
1379	ARK 0023-13	0.59	0.74	1.32	412	20.0	1.54	92	46.94	4.41	3.1
1370	DP 161B2RF	0.71	0.87	1.58	414	20.0	1.55	92	46.94	4.39	3.1
1352	FM 9180B2F	0.63	0.78	1.41	393	14.0	1.39	98	44.38	4.36	3.4
1364	DP 135B2RF	0.62	0.83	1.45	394	16.5	1.46	95	46.51	4.57	3.3
1386	NM05N1104	0.62	0.80	1.42	399	13.5	1.38	98	43.40	4.21	3.4
1383	LBB 1501	0.57	0.76	1.33	403	13.0	1.38	98	42.92	4.13	3.3
1384	LBB 4222	0.57	0.75	1.32	400	18.0	1.50	93	47.10	4.56	3.2
1166	PHYTOGEN 72	0.63	0.77	1.40	401	22.0	1.59	90	49.69	4.80	3.2
1377	06NMM010B2RF	0.60	0.74	1.34	402	17.5	1.49	94	46.44	4.48	3.2
1385	NM05N1054	0.69	0.82	1.51	427	16.5	1.47	95	43.01	3.89	3.0
1378	06NMM024B2RF	0.75	0.89	1.64	401	19.5	1.53	92	47.91	4.63	3.2
1388	TAM B139-17	0.68	0.84	1.52	429	24.0	1.63	89	47.69	4.30	2.9
.	LSD	0.16	0.16	0.35	32.4	9.7	0.23	8	6.22	0.73	0.4

LOCATION=JACKSON, TN

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL 2.5% S.L. (inches)	FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1364	DP 135B2RF	1377	6.22	43.7	.	101	1.11	0.55	186	8.5
1381	DP 0949B2RF	1368	4.62	45.1	.	114	1.16	0.56	197	7.0
1387	ST 4288B2RF	1341	5.88	42.4	.	.	.	.	.	.
1358	FM 1740B2F	1210	5.44	44.1	.	.	.	.	.	.
1382	FM 1845LLB2	1091	6.18	39.7	.	.	.	.	.	.
1370	DP 161B2RF	1078	5.41	41.1	.	117	1.18	0.58	197	7.5
1379	ARK 0023-13	1031	6.71	40.4	.	113	1.19	0.57	213	7.5
1386	NM05N1104	991	5.57	40.7	.	129	1.21	0.59	204	9.0
1372	MD25	926	6.31	41.5	.	134	1.20	0.59	219	6.5
1352	FM 9180B2F	901	6.26	39.8	.	113	1.17	0.58	184	7.0
1380	ARK 0111-23	900	6.02	41.4	.	112	1.17	0.55	193	6.5
1383	LBB 1501	870	6.11	38.6	.	119	1.15	0.55	196	6.0
1384	LBB 4222	842	6.44	40.7	.	101	1.08	0.56	194	6.0
1377	06NMM010B2RF	826	6.22	40.1	.	137	1.17	0.59	231	7.5
1270	DP 555BG/RR	826	4.41	45.3	.	104	1.09	0.52	186	6.5
1166	PHYTOGEN 72	778	5.45	40.8	.	.	.	.	.	.
1378	06NMM024B2RF	773	5.89	40.7	.	135	1.19	0.59	223	7.5
1388	TAM B139-17	698	5.84	37.3	.	132	1.33	0.60	222	7.0
1385	NM05N1054	671	5.36	41.5	.	122	1.17	0.55	198	6.5
.	LSD	130	1.03	0.7	.	10	0.05	0.04	18	1.2

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1364	DP 135B2RF	5.15	1.10	83.6	26.5	7.1	76.0	8.3	5.00	1779	3.01	2.87
1381	DP 0949B2RF	4.95	1.10	83.6	27.0	7.2	73.5	7.6	4.95	1666	2.66	2.88
1387	ST 4288B2RF	.	.	.	.	.	.	.	.	1822	.	.
1358	FM 1740B2F	.	.	.	.	.	.	.	.	1530	.	.
1382	FM 1845LLB2	.	.	.	.	.	.	.	.	1661	.	.
1370	DP 161B2RF	5.05	1.20	84.0	28.5	7.0	74.5	6.5	5.00	1547	2.43	2.73
1379	ARK 0023-13	5.10	1.20	84.5	29.5	6.9	74.0	7.7	5.05	1519	2.96	2.62
1386	NM05N1104	4.70	1.20	85.0	28.5	7.1	68.5	6.5	4.60	1449	3.64	2.83
1372	MD25	4.65	1.20	84.2	30.0	6.8	72.5	6.9	4.65	1304	1.82	3.15
1352	FM 9180B2F	4.60	1.15	84.6	29.0	6.9	72.0	6.1	4.70	1364	2.67	3.03
1380	ARK 0111-23	4.40	1.20	83.3	27.0	6.9	73.0	7.2	4.45	1273	2.56	3.05
1383	LBB 1501	4.75	1.15	82.8	29.0	6.8	71.5	7.5	4.75	1384	2.23	3.06
1384	LBB 4222	4.95	1.05	81.3	27.5	6.5	72.0	8.2	5.05	1230	2.80	3.01
1377	06NMM010B2RF	4.60	1.20	83.8	32.5	7.2	70.0	7.5	4.50	1237	1.88	2.93

1270	DP 555BG/RR	4.75	1.10	82.1	27.5	6.6	77.0	6.7	4.65	999	2.24	3.04
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	1130	.	.
1378	06NMM024B2RF	4.60	1.20	84.1	30.0	6.9	71.0	7.5	4.55	1128	1.44	2.89
1388	TAM B139-17	4.55	1.30	85.8	30.5	6.7	74.0	7.4	4.50	1172	2.32	3.15
1385	NM05N1054	4.50	1.20	83.5	28.5	6.9	71.0	7.3	4.55	947	2.18	3.02
.	LSD	0.19	0.07	1.9	2.9	0.4	3.9	0.8	0.18	194	1.50	0.35

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1364	DP 135B2RF	0.74	0.79	1.53	405	20.5	1.56	91	48.40	4.62	3.1
1381	DP 0949B2RF	0.64	0.86	1.50	412	11.5	1.34	99	40.77	3.83	3.3
1387	ST 4288B2RF	.	.	.	.	.	.	.	.	.	.
1358	FM 1740B2F	.	.	.	.	.	.	.	.	.	.
1382	FM 1845LLB2	.	.	.	.	.	.	.	.	.	.
1370	DP 161B2RF	0.56	0.72	1.28	407	15.5	1.44	96	44.33	4.21	3.2
1379	ARK 0023-13	0.71	0.98	1.68	398	13.5	1.39	97	44.04	4.28	3.3
1386	NM05N1104	0.83	0.99	1.82	420	16.0	1.46	95	43.52	4.01	3.1
1372	MD25	0.67	0.80	1.46	428	16.0	1.46	95	42.77	3.87	3.1
1352	FM 9180B2F	0.32	0.43	0.74	416	19.0	1.52	93	45.86	4.26	3.1
1380	ARK 0111-23	0.73	0.79	1.52	444	30.5	1.76	84	49.89	4.35	2.8
1383	LBB 1501	0.38	0.48	0.86	419	20.0	1.54	92	46.16	4.26	3.0
1384	LBB 4222	0.34	0.46	0.80	410	19.5	1.54	92	47.00	4.44	3.1
1377	06NMM010B2RF	0.58	0.72	1.29	427	17.5	1.50	94	43.91	3.98	3.0
1270	DP 555BG/RR	0.58	0.77	1.34	416	19.0	1.53	92	46.09	4.29	3.1
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	.
1378	06NMM024B2RF	0.67	0.90	1.57	449	17.5	1.49	94	41.49	3.58	2.9
1388	TAM B139-17	0.73	0.97	1.69	444	22.0	1.60	90	45.08	3.93	2.8
1385	NM05N1054	0.62	0.84	1.46	446	20.0	1.55	92	43.55	3.78	2.9
.	LSD	0.12	0.12	0.27	14.6	8.0	0.19	7	4.88	0.43	0.3

LOCATION=PORTAGEVILLE, MO

							DIGITAL FIBROGRAPH		STELOMETER	
VARIETY CODE	VARIETY NAME	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 (%)
1387	ST 4288B2RF	694	.	36.8	10.0	114	1.18	0.57	206	8.0
1380	ARK 0111-23	689	.	36.0	8.0	110	1.25	0.59	197	8.5
1372	MD25	675	.	37.8	9.0	136	1.22	0.60	243	5.5

1358	FM 1740B2F	630	.	38.5	10.0	110	1.18	0.58	196	9.0
1352	FM 9180B2F	625	.	36.0	10.0	112	1.21	0.58	218	6.0
1382	FM 1845LLB2	588	.	35.0	10.0	116	1.22	0.58	208	6.0
1388	TAM B139-17	546	.	33.8	14.0	124	1.37	0.62	250	6.0
1381	DP 0949B2RF	522	.	37.5	8.0	113	1.17	0.56	197	9.0
1379	ARK 0023-13	507	.	35.5	10.0	126	1.23	0.59	205	8.0
1370	DP 161B2RF	485	.	34.8	8.0	112	1.21	0.57	191	9.0
1386	NM05N1104	455	.	35.0	10.0	120	1.24	0.59	223	6.0
1384	LBB 4222	443	.	34.8	10.0	114	1.17	0.57	213	7.0
1377	06NMM010B2RF	435	.	34.3	10.0	118	1.24	0.61	237	9.0
1364	DP 135B2RF	421	.	39.0	9.0	107	1.16	0.57	185	9.0
1383	LBB 1501	418	.	34.8	11.0	123	1.20	0.58	222	6.5
1378	06NMM024B2RF	391	.	34.3	12.0	131	1.23	0.60	229	8.0
1270	DP 555BG/RR	326	.	40.5	10.0	115	1.19	0.55	221	8.0
1166	PHYTOGEN 72	310	.	34.5	10.0	131	1.25	0.59	235	9.5
1385	NM05N1054	268	.	36.3	9.0	120	1.25	0.59	229	6.5
.	LSD	124	.	2.1	3.1	11	0.04	0.03	16	1.0

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1387	ST 4288B2RF	4.05	1.20	82.6	29.5	6.2	68.0	9.5	4.05	1199	1.67	3.21
1380	ARK 0111-23	3.45	1.25	83.9	30.0	6.3	68.5	8.6	3.45	1221	2.41	3.50
1372	MD25	3.75	1.20	84.5	33.5	6.2	68.5	9.0	3.80	1116	3.71	3.35
1358	FM 1740B2F	4.15	1.20	83.8	30.0	6.3	68.0	9.2	4.10	1010	2.08	3.55
1352	FM 9180B2F	4.15	1.20	82.6	30.5	6.2	69.0	8.4	4.20	1110	2.59	3.38
1382	FM 1845LLB2	4.45	1.25	84.1	31.0	6.3	69.5	8.7	4.40	1093	1.66	3.26
1388	TAM B139-17	4.05	1.35	85.8	36.0	6.4	68.0	9.2	4.15	1074	2.14	3.30
1381	DP 0949B2RF	3.80	1.20	83.1	29.5	6.7	71.5	9.4	3.70	868	2.33	3.30
1379	ARK 0023-13	4.05	1.20	82.9	31.5	6.2	68.5	9.4	4.00	922	2.67	3.16
1370	DP 161B2RF	3.45	1.20	83.0	30.5	6.3	71.0	9.1	3.55	909	2.27	3.05
1386	NM05N1104	3.70	1.25	84.7	32.0	6.5	68.5	9.6	3.75	837	3.38	3.24
1384	LBB 4222	4.10	1.15	82.6	30.5	6.2	67.0	9.1	4.10	835	1.70	3.63
1377	06NMM010B2RF	3.65	1.25	84.0	34.5	6.9	66.0	9.1	3.70	832	2.17	3.51
1364	DP 135B2RF	3.60	1.10	82.7	28.0	6.3	68.5	10.0	3.70	648	3.28	3.24
1383	LBB 1501	3.95	1.20	83.1	31.5	6.1	67.5	8.9	3.95	795	1.58	3.44
1378	06NMM024B2RF	3.60	1.20	83.5	33.0	6.2	68.0	9.3	3.60	745	1.20	3.54
1270	DP 555BG/RR	3.45	1.20	82.2	31.5	6.1	67.5	9.7	3.40	480	2.22	3.48
1166	PHYTOGEN 72	3.85	1.20	84.9	34.0	7.0	66.5	8.5	3.85	589	1.72	3.55
1385	NM05N1054	3.60	1.20	84.0	34.0	6.3	66.5	9.2	3.65	472	2.33	3.44
.	LSD	0.31	0.09	1.2	2.9	0.3	2.6	0.7	0.32	210	1.67	0.24

VARIETY CODE	VARIETY NAME	GOSSYPOL LEVELS PLUS (+)	GOSSYPOL LEVELS MINUS (-)	GOSSYPOL LEVELS TOTAL (%)	AREALOMETER DATA A ---(mm2/mm3)---	AREALOMETER DATA D ---(mm2/mm3)---	AREALOMETER DATA I	AREALOMETER DATA M (%)	AREALOMETER DATA p (microns)	AREALOMETER DATA w (mg/in)	AREALOMETER DATA t (microns)
1387	ST 4288B2RF	0.64	0.92	1.55	469	46.5	2.06	72	55.23	4.56	2.5
1380	ARK 0111-23	0.56	0.54	1.10	519	50.0	2.11	70	51.05	3.81	2.3
1372	MD25	0.65	0.80	1.45	491	45.5	2.05	73	52.28	4.12	2.4
1358	FM 1740B2F	0.53	0.66	1.19	460	41.5	1.97	76	53.94	4.54	2.6
1352	FM 9180B2F	0.55	0.65	1.20	469	43.0	2.00	75	53.43	4.41	2.5
1382	FM 1845LLB2	0.54	0.68	1.22	450	36.0	1.87	80	51.96	4.47	2.7
1388	TAM B139-17	0.68	0.91	1.59	458	37.0	1.89	79	51.74	4.37	2.6
1381	DP 0949B2RF	0.50	0.65	1.14	516	48.0	2.08	71	50.54	3.79	2.3
1379	ARK 0023-13	0.53	0.72	1.25	489	48.5	2.09	71	53.80	4.26	2.4
1370	DP 161B2RF	0.42	0.54	0.95	528	59.0	2.26	65	53.93	3.98	2.2
1386	NM05N1104	0.64	0.77	1.40	490	42.5	1.99	75	51.01	4.03	2.5
1384	LBB 4222	0.51	0.69	1.20	469	49.5	2.11	70	56.60	4.67	2.5
1377	06NMM010B2RF	0.53	0.64	1.17	526	46.0	2.05	72	49.02	3.61	2.2
1364	DP 135B2RF	0.52	0.61	1.13	508	55.5	2.21	66	54.57	4.16	2.3
1383	LBB 1501	0.52	0.65	1.17	476	49.0	2.09	71	55.38	4.52	2.5
1378	06NMM024B2RF	0.53	0.67	1.20	518	45.0	2.03	73	49.19	3.67	2.3
1270	DP 555BG/RR	0.41	0.56	0.97	550	60.5	2.29	63	52.16	3.67	2.1
1166	PHYTOGEN 72	0.49	0.62	1.11	512	45.0	2.04	73	50.00	3.78	2.3
1385	NM05N1054	0.54	0.73	1.27	519	50.5	2.12	70	51.39	3.83	2.3
.	LSD	0.04	0.04	0.09	34.4	16.4	0.27	10	5.53	0.50	0.2

LOCATION=LAS CRUCES, NM

VARIETY CODE	VARIETY NAME	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 (%)
1381	DP 0949B2RF	1169	4.52	44.7	.	.	.	.	.	.
1270	DP 555BG/RR	1146	4.05	44.4	.	.	.	.	.	.
1364	DP 135B2RF	1057	4.91	42.6	.	.	.	.	.	.
1370	DP 161B2RF	1048	4.53	40.3	.	.	.	.	.	.
1358	FM 1740B2F	1010	4.72	44.2	.	.	.	.	.	.
1382	FM 1845LLB2	993	5.05	41.5	.	.	.	.	.	.
1166	PHYTOGEN 72	951	5.34	40.5	.	.	.	.	.	.
1387	ST 4288B2RF	941	4.59	42.3	.	.	.	.	.	.
1379	ARK 0023-13	938	5.88	39.7	.	.	.	.	.	.
1380	ARK 0111-23	929	5.52	41.9	.	.	.	.	.	.
1372	MD25	919	5.20	41.1	.	.	.	.	.	.
1384	LBB 4222	886	4.94	41.1	.	.	.	.	.	.

1352	FM 9180B2F	885	4.89	42.1	.	.	.	.	.	.
1378	06NMM024B2RF	873	5.04	41.5	.	.	.	.	.	.
1377	06NMM010B2RF	857	5.21	40.5	.	.	.	.	.	.
1383	LBB 1501	844	5.13	39.1	.	.	.	.	.	.
1385	NM05N1054	770	4.68	40.3	.	.	.	.	.	.
1386	NM05N1104	748	4.83	39.8	.	.	.	.	.	.
1388	TAM B139-17	576	5.37	39.2	.	.	.	.	.	.
.	LSD	166	0.49	1.4	.	.	.	.	.	.

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1381	DP 0949B2RF	.	.	.	.	.	.	.	.	1454	1.96	3.32
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	1441	2.26	3.09
1364	DP 135B2RF	.	.	.	.	.	.	.	.	1430	1.91	3.07
1370	DP 161B2RF	.	.	.	.	.	.	.	.	1554	2.26	3.02
1358	FM 1740B2F	.	.	.	.	.	.	.	.	1284	1.22	3.40
1382	FM 1845LLB2	.	.	.	.	.	.	.	.	1408	2.38	3.12
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	1412	2.89	3.40
1387	ST 4288B2RF	.	.	.	.	.	.	.	.	1284	2.94	3.36
1379	ARK 0023-13	.	.	.	.	.	.	.	.	1431	1.87	3.08
1380	ARK 0111-23	.	.	.	.	.	.	.	.	1288	1.94	3.29
1372	MD25	.	.	.	.	.	.	.	.	1320	1.94	3.49
1384	LBB 4222	.	.	.	.	.	.	.	.	1277	2.50	3.18
1352	FM 9180B2F	.	.	.	.	.	.	.	.	1217	2.66	3.33
1378	06NMM024B2RF	.	.	.	.	.	.	.	.	1250	2.78	3.28
1377	06NMM010B2RF	.	.	.	.	.	.	.	.	1274	1.60	3.61
1383	LBB 1501	.	.	.	.	.	.	.	.	1316	3.72	3.34
1385	NM05N1054	.	.	.	.	.	.	.	.	1144	3.09	3.37
1386	NM05N1104	.	.	.	.	.	.	.	.	1129	2.30	3.32
1388	TAM B139-17	.	.	.	.	.	.	.	.	895	2.14	3.63
.	LSD	.	.	.	.	.	.	.	.	255	1.33	0.35

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)--- D		I	M (%)	p (microns)	w (mg/in)	t (microns)
1381	DP 0949B2RF	0.48	0.64	1.11	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.57	0.79	1.36	.	.	.	.	.	.	.
1364	DP 135B2RF	0.59	0.69	1.28	.	.	.	.	.	.	.
1370	DP 161B2RF	0.48	0.63	1.11	.	.	.	.	.	.	.
1358	FM 1740B2F	0.55	0.67	1.22	.	.	.	.	.	.	.

1382	FM 1845LLB2	0.54	0.71	1.25	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.51	0.69	1.20	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.48	0.79	1.27	.	.	.	.	.	.	.
1379	ARK 0023-13	0.58	0.81	1.39	.	.	.	.	.	.	.
1380	ARK 0111-23	0.58	0.53	1.10	.	.	.	.	.	.	.
1372	MD25	0.61	0.73	1.34	.	.	.	.	.	.	.
1384	LBB 4222	0.48	0.68	1.16	.	.	.	.	.	.	.
1352	FM 9180B2F	0.48	0.63	1.11	.	.	.	.	.	.	.
1378	06NMM024B2RF	0.50	0.67	1.17	.	.	.	.	.	.	.
1377	06NMM010B2RF	0.48	0.62	1.09	.	.	.	.	.	.	.
1383	LBB 1501	0.48	0.61	1.09	.	.	.	.	.	.	.
1385	NM05N1054	0.49	0.69	1.18	.	.	.	.	.	.	.
1386	NM05N1104	0.56	0.66	1.21	.	.	.	.	.	.	.
1388	TAM B139-17	0.43	0.61	1.04	.	.	.	.	.	.	.
.	LSD	0.08	0.08	0.19	.	.	.	.	.	.	.

LOCATION=KEISER, AR

VARIETY CODE	VARIETY NAME	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 (%)
1270	DP 555BG/RR	788	4.16	42.6	7.8	120	1.15	0.56	222	7.5
1372	MD25	771	5.15	39.8	10.2	153	1.23	0.63	245	6.5
1381	DP 0949B2RF	769	4.13	41.5	8.5	120	1.18	0.60	207	7.5
1382	FM 1845LLB2	725	5.20	37.6	11.0	125	1.22	0.60	222	6.0
1379	ARK 0023-13	690	5.79	36.8	11.1	132	1.23	0.59	205	6.0
1364	DP 135B2RF	685	4.55	41.0	9.3	108	1.16	0.55	215	6.5
1380	ARK 0111-23	672	5.34	39.2	11.1	114	1.21	0.59	208	5.5
1358	FM 1740B2F	644	4.54	40.2	9.8	116	1.16	0.58	245	6.0
1352	FM 9180B2F	618	5.04	36.9	11.5	129	1.24	0.62	234	5.5
1387	ST 4288B2RF	613	4.29	38.9	9.6	99	1.14	0.57	203	8.5
1388	TAM B139-17	577	4.72	35.2	12.7	133	1.36	0.62	242	7.0
1383	LBB 1501	549	5.41	35.5	11.6	138	1.22	0.64	206	6.5
1370	DP 161B2RF	534	3.98	35.7	8.6	129	1.23	0.59	234	6.5
1386	NM05N1104	518	4.43	38.0	10.4	126	1.23	0.60	217	9.0
1377	06NMM010B2RF	494	5.14	36.9	11.0	144	1.22	0.61	200	8.0
1384	LBB 4222	471	5.34	36.5	12.0	122	1.14	0.59	202	5.0
1378	06NMM024B2RF	452	4.64	38.1	10.0	133	1.22	0.61	213	6.5
1166	PHYTOGEN 72	427	4.95	36.9	10.3	139	1.21	0.60	243	8.5
1385	NM05N1054	401	4.74	36.6	11.3	131	1.20	0.58	204	6.5
.	LSD	141	0.78	1.9	0.9	9	0.05	0.05	22	1.4

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

VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1270	DP 555BG/RR	5.15	1.10	83.2	28.5	6.5	76.5	6.7	4.85	1196	3.77	3.29
1372	MD25	4.70	1.25	87.6	36.5	7.1	74.5	6.9	4.55	1161	3.32	3.61
1381	DP 0949B2RF	4.85	1.20	83.8	28.5	7.3	73.5	7.0	4.70	1083	3.67	3.48
1382	FM 1845LLB2	4.85	1.20	85.7	31.5	6.8	74.0	6.9	4.60	1198	3.61	3.33
1379	ARK 0023-13	5.10	1.25	85.0	30.5	6.7	72.0	8.0	4.85	1184	3.55	3.39
1364	DP 135B2RF	4.45	1.15	83.3	28.5	6.8	74.5	8.3	4.05	957	3.90	3.42
1380	ARK 0111-23	4.50	1.20	85.2	30.5	6.9	74.0	6.5	4.30	1101	3.27	3.66
1358	FM 1740B2F	4.70	1.15	83.9	29.5	7.1	74.5	6.9	4.55	836	4.37	3.26
1352	FM 9180B2F	4.75	1.25	85.6	30.5	7.0	74.5	6.6	4.55	962	3.82	3.20
1387	ST 4288B2RF	4.65	1.10	83.4	27.0	6.7	72.5	6.9	4.50	1003	2.30	3.48
1388	TAM B139-17	4.10	1.40	87.7	33.5	6.5	73.5	7.5	4.00	1135	2.61	3.19
1383	LBB 1501	4.70	1.20	85.3	33.5	6.9	71.0	7.2	4.60	912	3.26	3.26
1370	DP 161B2RF	4.25	1.25	85.0	29.0	6.9	75.5	7.0	4.15	988	2.46	3.21
1386	NM05N1104	4.30	1.25	85.6	30.5	6.8	73.5	6.4	4.10	914	3.10	3.56
1377	06NMM010B2RF	4.85	1.25	85.3	36.0	7.1	71.5	7.4	4.65	776	3.59	3.35
1384	LBB 4222	5.30	1.10	82.7	34.0	7.1	74.0	7.8	5.15	713	3.25	3.47
1378	06NMM024B2RF	4.45	1.20	84.9	33.0	7.1	72.0	7.3	4.30	723	3.22	3.72
1166	PHYTOGEN 72	4.75	1.20	85.3	35.5	7.5	73.0	8.1	4.45	772	4.46	3.75
1385	NM05N1054	4.75	1.20	84.6	32.0	6.8	71.0	7.5	4.60	746	3.07	3.73
.	LSD	0.50	0.10	2.3	3.0	0.5	4.9	1.1	0.65	372	1.46	0.35

VARIETY CODE	VARIETY NAME	GOSSYPOL LEVELS PLUS (+)	GOSSYPOL LEVELS MINUS (-)	GOSSYPOL LEVELS TOTAL (%)	AREALOMETER DATA A ---(mm2/mm3)---	AREALOMETER DATA D ---(mm2/mm3)---	AREALOMETER DATA I	AREALOMETER DATA M (%)	AREALOMETER DATA p (microns)	AREALOMETER DATA w (mg/in)	AREALOMETER DATA t (microns)
1270	DP 555BG/RR	0.50	0.64	1.14	438	30.0	1.76	84	50.42	4.45	2.8
1372	MD25	0.71	0.83	1.54	426	23.0	1.62	89	47.69	4.33	2.9
1381	DP 0949B2RF	0.50	0.64	1.14	427	26.0	1.67	87	49.20	4.50	2.9
1382	FM 1845LLB2	0.58	0.72	1.30	424	21.0	1.57	91	46.50	4.25	3.0
1379	ARK 0023-13	0.56	0.76	1.32	430	27.0	1.70	86	49.53	4.46	2.9
1364	DP 135B2RF	0.56	0.66	1.22	470	43.0	2.00	75	53.32	4.39	2.5
1380	ARK 0111-23	0.58	0.55	1.13	436	27.5	1.70	86	48.92	4.34	2.8
1358	FM 1740B2F	0.55	0.68	1.23	433	31.5	1.77	83	51.09	4.59	2.9
1352	FM 9180B2F	0.62	0.75	1.38	422	29.0	1.74	85	51.65	4.74	2.9
1387	ST 4288B2RF	0.61	0.95	1.56	441	38.0	1.91	78	54.27	4.78	2.7
1388	TAM B139-17	0.60	0.81	1.40	465	33.0	1.81	81	48.77	4.06	2.6
1383	LBB 1501	0.56	0.73	1.29	421	25.0	1.65	87	49.34	4.53	2.9
1370	DP 161B2RF	0.46	0.58	1.03	430	33.5	1.83	81	53.55	4.86	2.9
1386	NM05N1104	0.64	0.74	1.37	475	39.5	1.94	77	51.11	4.17	2.5

1377	06NMM010B2RF	0.60	0.71	1.31	427	17.5	1.49	94	43.69	3.95	3.0
1384	LBB 4222	0.59	0.82	1.41	441	34.0	1.83	81	52.21	4.60	2.8
1378	06NMM024B2RF	0.53	0.67	1.20	467	32.5	1.81	82	48.78	4.04	2.6
1166	PHYTOGEN 72	0.54	0.66	1.19	439	24.5	1.65	88	47.08	4.15	2.9
1385	NM05N1054	0.59	0.80	1.38	442	34.5	1.85	80	52.53	4.60	2.7
.	LSD	0.08	0.08	0.16	59.0	16.3	0.32	12	4.34	0.65	0.5

LOCATION=FLORENCE, SC

VARIETY CODE	VARIETY NAME	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 (%)
1358	FM 1740B2F	1502	5.87	45.0	10.1	108	1.06	0.52	211	8.0
1381	DP 0949B2RF	1408	5.62	46.1	9.5	114	1.12	0.56	225	8.0
1387	ST 4288B2RF	1406	5.68	42.4	11.0	111	1.10	0.56	212	7.5
1380	ARK 0111-23	1360	6.34	42.3	11.7	120	1.15	0.57	252	7.0
1372	MD25	1328	6.50	42.7	11.0	137	1.15	0.60	279	6.0
1379	ARK 0023-13	1283	6.98	41.6	12.0	125	1.19	0.59	220	7.0
1270	DP 555BG/RR	1282	5.13	45.2	7.8	101	1.10	0.54	210	6.0
1352	FM 9180B2F	1248	5.77	42.5	10.7	122	1.13	0.57	220	7.0
1377	06NMM010B2RF	1225	6.51	41.0	10.7	137	1.17	0.60	233	5.5
1386	NM05N1104	1223	5.77	42.5	11.0	131	1.18	0.59	259	5.5
1382	FM 1845LLB2	1220	5.99	40.2	10.9	131	1.19	0.62	211	6.0
1370	DP 161B2RF	1164	5.47	42.8	10.4	116	1.16	0.58	240	8.0
1364	DP 135B2RF	1109	6.32	45.4	10.0	102	1.09	0.55	216	8.5
1378	06NMM024B2RF	1057	6.04	40.9	10.5	140	1.18	0.58	225	7.5
1383	LBB 1501	922	6.30	39.3	11.9	130	1.14	0.56	228	7.0
1166	PHYTOGEN 72	918	6.18	41.3	10.3	135	1.15	0.58	232	8.5
1385	NM05N1054	908	5.32	41.4	10.7	129	1.16	0.57	219	6.5
1388	TAM B139-17	786	6.45	37.3	12.6	148	1.32	0.61	268	6.0
1384	LBB 4222	670	6.03	41.1	11.6	122	1.06	0.55	238	6.0
.	LSD	378	0.50	1.1	1.0	7	0.06	0.04	24	1.9

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1358	FM 1740B2F	4.95	1.00	82.4	28.0	6.9	73.0	8.0	5.00	1843	1.44	3.28
1381	DP 0949B2RF	5.20	1.10	83.2	30.5	7.1	67.5	8.9	5.20	1645	0.99	3.40
1387	ST 4288B2RF	4.95	1.10	81.9	29.0	6.8	72.5	9.0	5.10	1918	1.49	3.15
1380	ARK 0111-23	4.90	1.15	83.9	31.0	6.8	68.5	8.4	4.80	1861	1.90	3.42

1372	MD25	5.05	1.10	84.2	35.5	7.3	71.5	8.4	5.05	1783	2.10	3.47
1379	ARK 0023-13	5.05	1.15	83.9	32.0	7.0	72.0	8.7	5.15	1803	2.58	3.21
1270	DP 555BG/RR	4.90	1.05	82.2	28.5	6.5	74.0	7.6	4.90	1560	1.44	3.73
1352	FM 9180B2F	4.75	1.10	83.3	32.0	6.8	73.0	7.4	4.65	1692	2.40	3.32
1377	06NMM010B2RF	4.65	1.10	84.2	35.0	7.1	71.5	8.5	4.75	1777	3.14	3.34
1386	NM05N1104	4.90	1.15	83.5	32.5	7.1	72.0	8.8	5.00	1676	1.78	3.46
1382	FM 1845LLB2	4.60	1.15	84.7	33.0	7.1	75.5	7.8	4.95	1807	1.10	3.39
1370	DP 161B2RF	5.15	1.15	84.0	32.5	7.3	74.0	8.0	5.15	1555	1.33	3.24
1364	DP 135B2RF	5.10	1.05	83.2	28.0	6.8	74.0	8.4	4.80	1341	1.56	3.50
1378	06NMM024B2RF	4.35	1.20	83.5	32.5	7.1	72.5	8.3	4.45	1531	3.92	3.51
1383	LBB 1501	5.00	1.10	83.1	35.0	6.9	70.0	8.0	4.90	1411	3.04	3.23
1166	PHYTOGEN 72	4.60	1.15	82.8	36.0	7.3	69.0	9.4	4.60	1313	1.82	3.80
1385	NM05N1054	5.10	1.10	83.0	34.5	6.8	68.0	8.4	4.85	1292	2.42	3.78
1388	TAM B139-17	4.15	1.30	85.7	35.5	6.9	74.5	7.5	4.20	1327	1.84	3.51
1384	LBB 4222	5.25	1.05	81.2	35.0	7.0	68.0	8.7	5.30	960	2.28	3.67
.	LSD	0.34	0.10	1.8	2.6	0.4	3.9	1.2	0.32	542	1.41	0.28

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1358	FM 1740B2F	0.58	0.78	1.36	415	25.5	1.67	87	50.51	4.72	3.0
1381	DP 0949B2RF	0.53	0.74	1.27	397	16.5	1.47	95	46.25	4.50	3.3
1387	ST 4288B2RF	0.55	0.97	1.52	399	22.0	1.60	90	50.14	4.85	3.1
1380	ARK 0111-23	0.63	0.61	1.24	423	23.0	1.61	89	47.75	4.37	3.0
1372	MD25	0.65	0.83	1.48	404	20.5	1.56	91	48.46	4.64	3.1
1379	ARK 0023-13	0.53	0.76	1.28	412	23.5	1.63	88	49.75	4.68	3.0
1270	DP 555BG/RR	0.42	0.61	1.02	416	26.5	1.68	86	50.73	4.72	3.0
1352	FM 9180B2F	0.55	0.76	1.30	424	24.5	1.65	88	48.74	4.45	3.0
1377	06NMM010B2RF	0.52	0.67	1.18	425	20.0	1.56	91	45.84	4.17	3.0
1386	NM05N1104	0.60	0.71	1.31	418	21.5	1.59	90	47.59	4.40	3.0
1382	FM 1845LLB2	0.58	0.81	1.39	415	22.5	1.60	90	48.24	4.49	3.0
1370	DP 161B2RF	0.42	0.60	1.02	409	23.5	1.62	89	49.76	4.71	3.1
1364	DP 135B2RF	0.49	0.60	1.09	413	23.5	1.62	89	49.14	4.60	3.0
1378	06NMM024B2RF	0.50	0.66	1.15	437	26.5	1.68	87	48.37	4.28	2.8
1383	LBB 1501	0.53	0.74	1.27	424	26.5	1.68	87	49.84	4.57	2.9
1166	PHYTOGEN 72	0.41	0.57	0.98	434	21.0	1.56	91	45.14	4.02	2.9
1385	NM05N1054	0.47	0.70	1.17	420	24.5	1.65	88	49.30	4.54	3.0
1388	TAM B139-17	0.50	0.74	1.24	467	36.5	1.88	79	50.41	4.18	2.6
1384	LBB 4222	0.48	0.67	1.14	393	19.0	1.52	93	48.65	4.79	3.2
.	LSD	0.06	0.06	0.15	27.5	6.5	0.13	5	3.50	0.50	0.2

LOCATION=BELLE MINA, AL

VARIETY CODE	VARIETY NAME	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 (%)
1387	ST 4288B2RF	1287	5.28	41.9	9.9	105	1.19	0.58	212	9.5
1381	DP 0949B2RF	1253	4.64	44.9	8.5	107	1.19	0.60	215	9.5
1372	MD25	1236	5.45	42.3	9.9	134	1.22	0.63	251	7.5
1380	ARK 0111-23	1220	5.55	41.2	9.9	108	1.25	0.61	214	8.5
1270	DP 555BG/RR	1220	4.38	45.0	7.2	111	1.16	0.59	227	7.0
1358	FM 1740B2F	1182	4.89	43.4	10.1	99	1.18	0.58	195	7.5
1352	FM 9180B2F	1179	4.83	41.9	10.4	116	1.17	0.59	218	7.5
1379	ARK 0023-13	1172	5.71	40.2	10.3	119	1.24	0.60	212	8.5
1382	FM 1845LLB2	1150	5.17	40.9	9.9	123	1.25	0.61	222	9.0
1166	PHYTOGEN 72	1085	5.13	40.6	9.3	137	1.25	0.63	248	8.5
1364	DP 135B2RF	1078	5.58	43.4	10.0	95	1.15	0.56	185	9.5
1386	NM05N1104	1074	4.73	39.0	10.1	127	1.26	0.63	229	9.0
1370	DP 161B2RF	1067	4.92	40.1	8.9	117	1.19	0.59	214	9.0
1378	06NMM024B2RF	1060	5.09	39.8	10.0	140	1.27	0.61	235	9.0
1377	06NMM010B2RF	1012	5.54	39.1	10.9	129	1.26	0.62	240	8.5
1383	LBB 1501	1008	4.57	37.8	11.3	123	1.18	0.59	212	9.0
1384	LBB 4222	964	4.67	39.3	11.3	113	1.16	0.58	236	8.5
1388	TAM B139-17	788	5.48	37.0	12.2	141	1.34	0.64	254	7.5
1385	NM05N1054	781	4.53	40.0	11.1	140	1.27	0.62	253	8.0
.	LSD	103	0.77	1.2	0.8	7	0.04	0.03	21	1.4

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1387	ST 4288B2RF	4.55	1.20	84.4	29.5	7.2	74.0	8.6	4.50	1791	2.47	3.26
1381	DP 0949B2RF	4.25	1.15	84.5	27.5	7.2	74.5	9.7	4.25	1537	2.10	3.25
1372	MD25	4.05	1.20	86.0	33.5	7.4	73.0	8.5	4.05	1688	1.06	3.40
1380	ARK 0111-23	3.20	1.25	85.6	29.5	7.4	73.5	8.0	3.20	1744	1.33	3.40
1270	DP 555BG/RR	3.75	1.15	83.5	29.0	6.9	76.0	8.4	3.80	1489	1.73	3.54
1358	FM 1740B2F	4.60	1.20	83.8	27.5	6.7	71.0	8.2	4.45	1545	1.32	3.73
1352	FM 9180B2F	3.90	1.20	84.9	31.0	7.2	75.5	8.1	4.05	1635	1.62	3.40
1379	ARK 0023-13	4.05	1.20	84.2	30.5	6.9	74.0	9.2	4.10	1743	1.60	3.09
1382	FM 1845LLB2	3.45	1.25	85.4	33.0	7.2	77.0	8.1	3.50	1667	1.93	3.25
1166	PHYTOGEN 72	4.15	1.25	85.9	34.0	7.4	75.0	8.7	4.15	1588	2.49	3.27
1364	DP 135B2RF	4.10	1.10	84.6	28.0	6.8	72.0	9.6	4.10	1403	3.51	3.26
1386	NM05N1104	3.85	1.30	86.1	33.0	7.6	72.0	8.3	3.90	1677	1.82	3.25
1370	DP 161B2RF	4.20	1.20	85.2	29.5	7.2	76.0	8.5	4.20	1599	3.03	3.09
1378	06NMM024B2RF	3.75	1.30	86.0	31.0	7.1	72.5	8.6	3.75	1606	2.28	3.27
1377	06NMM010B2RF	4.05	1.20	84.9	34.0	7.1	74.0	8.9	4.10	1577	1.53	3.32

1383	LBB 1501	4.00	1.20	84.0	31.5	7.1	74.5	8.4	4.10	1656	1.35	3.17
1384	LBB 4222	4.70	1.10	82.7	34.0	7.2	73.0	8.4	4.65	1491	2.08	3.38
1388	TAM B139-17	3.95	1.35	88.0	35.0	7.1	76.5	8.6	4.05	1340	1.99	3.32
1385	NM05N1054	3.85	1.30	85.5	32.5	6.9	74.0	8.8	3.90	1171	2.27	3.56
.	LSD	0.53	0.08	1.6	2.1	0.5	4.4	0.7	0.59	166	1.48	0.34

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1387	ST 4288B2RF	0.63	0.93	1.56	462	51.0	2.14	69	58.04	4.86	2.5
1381	DP 0949B2RF	0.52	0.71	1.23	459	38.5	1.92	78	52.49	4.42	2.6
1372	MD25	0.74	0.92	1.66	478	45.5	2.05	73	53.63	4.34	2.5
1380	ARK 0111-23	0.61	0.58	1.19	551	63.5	2.33	62	53.10	3.73	2.1
1270	DP 555BG/RR	0.52	0.69	1.20	527	58.5	2.25	65	53.58	3.94	2.2
1358	FM 1740B2F	0.58	0.72	1.30	438	40.0	1.95	77	55.96	4.96	2.7
1352	FM 9180B2F	0.59	0.76	1.34	471	48.0	2.09	71	55.87	4.60	2.5
1379	ARK 0023-13	0.60	0.84	1.44	465	46.0	2.05	73	55.19	4.60	2.5
1382	FM 1845LLB2	0.61	0.74	1.34	492	48.5	2.10	70	53.59	4.21	2.4
1166	PHYTOGEN 72	0.60	0.72	1.32	442	31.0	1.78	83	50.70	4.49	2.8
1364	DP 135B2RF	0.61	0.72	1.33	442	44.0	2.02	74	57.31	5.03	2.7
1386	NM05N1104	0.75	0.90	1.65	485	44.0	2.02	74	52.66	4.24	2.5
1370	DP 161B2RF	0.46	0.62	1.07	461	43.5	2.00	74	54.59	4.58	2.6
1378	06NMM024B2RF	0.61	0.75	1.36	469	34.5	1.84	81	49.32	4.07	2.6
1377	06NMM010B2RF	0.62	0.76	1.38	474	42.0	1.98	76	52.29	4.27	2.5
1383	LBB 1501	0.60	0.78	1.37	479	48.0	2.09	71	54.75	4.42	2.4
1384	LBB 4222	0.57	0.79	1.36	418	37.0	1.89	79	56.83	5.26	2.9
1388	TAM B139-17	0.68	0.93	1.61	469	38.0	1.91	78	51.16	4.22	2.6
1385	NM05N1054	0.52	0.73	1.26	492	42.0	1.98	75	50.67	3.99	2.4
.	LSD	0.07	0.07	0.16	49.8	12.2	0.21	8	4.93	0.75	0.3

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National Cotton Variety Tests, 2009
Yield, Boll, Seed, Spinning and Data

2009 BLACKLANDS REGIONAL COTTON VARIETY TEST

2009 NCVT REGIONAL SUMMARIES BY VARIETIES

VARIETY CODE	VARIETY NAME	LINT YIELD (LB/ACRE)	BOLL SIZE (G/BOLL)	LINT PERCENT	SEED INDEX	YARN TENACITY (Mn/tex)	DIGITAL 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1326	PHY 375WRF	1345	3.61	42.5	8.4	90	1.04	0.53	180	8.0
1270	DP 555BG/RR	1316	3.31	43.1	7.2	87	1.07	0.53	187	6.3
1347	AM 1532B2F	1288	4.12	39.4	8.9	93	1.12	0.55	177	7.0
1323	STV 4554B2RF	1256	3.91	42.0	6.6	95	1.07	0.54	205	9.0
1367	DP 141B2F	1220	3.88	40.3	8.2	100	1.11	0.55	193	6.5
1313	PHY 485WRF	1212	3.21	39.6	8.5	102	1.06	0.55	207	8.0
1324	STV 5327B2RF	1153	3.84	41.8	6.4	98	1.09	0.56	207	8.3

1346	FM 835LLB2	1062	4.16	37.6	4.7	121	1.14	0.57	202	6.5
1344	FM 9058F	1015	3.97	40.9	4.2	112	1.16	0.58	202	6.5
1166	PHYTOGEN 72	894	3.81	38.6	4.7	131	1.15	0.59	249	7.5
.	LSD	98	0.84	3.4	7.0	25	0.05	0.03	34	2.0

		SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
VARIETY CODE	VARIETY NAME	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S RD	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1326	PHY 375WRF	4.35	1.05	82.6	27.5	6.5	66.0	8.8	4.35	1891	2.10	3.89
1270	DP 555BG/RR	4.45	1.08	81.0	26.8	5.9	72.0	8.3	4.45	1745	2.15	3.91
1347	AM 1532B2F	4.10	1.15	82.7	25.0	6.6	70.0	9.0	4.15	2104	1.10	3.10
1323	STV 4554B2RF	4.80	1.08	82.1	28.8	7.4	67.5	8.8	4.80	1815	2.00	3.46
1367	DP 141B2F	4.35	1.13	81.6	27.5	6.4	67.3	8.0	4.30	1901	1.60	3.49
1313	PHY 485WRF	4.40	1.08	83.0	28.3	7.4	67.3	8.6	4.53	1960	1.30	3.79
1324	STV 5327B2RF	4.35	1.08	83.1	29.0	6.9	66.5	8.6	4.40	1677	1.77	3.64
1346	FM 835LLB2	4.10	1.15	83.6	29.5	6.4	71.0	8.0	4.15	1809	1.59	3.57
1344	FM 9058F	4.18	1.13	83.0	28.0	6.0	73.0	8.5	4.18	1530	1.18	3.70
1166	PHYTOGEN 72	4.43	1.15	83.6	34.5	7.2	66.5	9.0	4.38	1500	1.93	3.79
.	LSD	0.48	0.08	1.6	5.6	1.1	3.9	0.8	0.48	105	.	.

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1326	PHY 375WRF	0.25	0.40	0.65	442	27.0	1.69	86	48.17	4.23	2.8
1270	DP 555BG/RR	0.23	0.38	0.61	426	14.5	1.41	97	41.40	3.76	3.1
1347	AM 1532B2F	0.27	0.44	0.70	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.29	0.56	0.85	396	15.5	1.42	96	45.05	4.41	3.4
1367	DP 141B2F	0.43	0.63	1.05	.	.	.	.	.	.	.
1313	PHY 485WRF	0.26	0.56	0.81	.	.	.	.	.	.	.
1324	STV 5327B2RF	0.29	0.54	0.82	.	.	.	.	.	.	.
1346	FM 835LLB2	0.27	0.41	0.68	.	.	.	.	.	.	.
1344	FM 9058F	0.22	0.26	0.48	462	19.0	1.52	93	41.18	3.45	2.8
1166	PHYTOGEN 72	0.20	0.34	0.53	446	12.5	1.36	98	38.33	3.33	3.0
.	LSD	.	.	.	71.1	18.9	0.46	17	14.09	1.61	0.6

INDIVIDUAL COMPONENTS -- BLACKLAND REGION

BOLL SIZE, GRAM PER BOLL		LINT PERCENT		SEED INDEX	
FM 835LLB2	4.16	DP 555BG/RR	43.1	AM 1532B2F	8.9
AM 1532B2F	4.12	PHY 375WRF	42.5	PHY 485WRF	8.5
FM 9058F	3.97	STV 4554B2RF	42.0	PHY 375WRF	8.4
STV 4554B2RF	3.91	STV 5327B2RF	41.8	DP 141B2F	8.2
DP 141B2F	3.88	FM 9058F	40.9	DP 555BG/RR	7.2
STV 5327B2RF	3.84	DP 141B2F	40.3	STV 4554B2RF	6.6
PHYTOGEN 72	3.81	PHY 485WRF	39.6	STV 5327B2RF	6.4
PHY 375WRF	3.61	AM 1532B2F	39.4	PHYTOGEN 72	4.7
DP 555BG/RR	3.31	PHYTOGEN 72	38.6	FM 835LLB2	4.7
PHY 485WRF	3.21	FM 835LLB2	37.6	FM 9058F	4.2
LSD	0.84	LSD	3.4	LSD	7.0

2.5% S.L. (INCHES)		UR (PERCENT)		STRENGTH (G/TEX)	
AM 1532B2F	1.15	PHYTOGEN 72	83.6	PHYTOGEN 72	34.5
PHYTOGEN 72	1.15	FM 835LLB2	83.6	FM 835LLB2	29.5
FM 835LLB2	1.15	STV 5327B2RF	83.1	STV 5327B2RF	29.0
DP 141B2F	1.13	PHY 485WRF	83.0	STV 4554B2RF	28.8
FM 9058F	1.13	FM 9058F	83.0	PHY 485WRF	28.3
PHY 485WRF	1.08	AM 1532B2F	82.7	FM 9058F	28.0
DP 555BG/RR	1.08	PHY 375WRF	82.6	PHY 375WRF	27.5
STV 4554B2RF	1.08	STV 4554B2RF	82.1	DP 141B2F	27.5
STV 5327B2RF	1.08	DP 141B2F	81.6	DP 555BG/RR	26.8
PHY 375WRF	1.05	DP 555BG/RR	81.0	AM 1532B2F	25.0
LSD	0.08	LSD	1.6	LSD	5.6

E	
PHY 485WRF	7.4
STV 4554B2RF	7.4
PHYTOGEN 72	7.2
STV 5327B2RF	6.9
AM 1532B2F	6.6
PHY 375WRF	6.5
DP 141B2F	6.4
FM 835LLB2	6.4
FM 9058F	6.0
DP 555BG/RR	5.9
LSD	1.1

MICRONAIRE (SL-HVI)	
STV 4554B2RF	4.80
PHY 485WRF	4.53
DP 555BG/RR	4.45
STV 5327B2RF	4.40
PHYTOGEN 72	4.38
PHY 375WRF	4.35
DP 141B2F	4.30
FM 9058F	4.18
AM 1532B2F	4.15
FM 835LLB2	4.15
LSD	0.48

COLORIMETER - Rd	
FM 9058F	73.0
DP 555BG/RR	72.0
FM 835LLB2	71.0
AM 1532B2F	70.0
STV 4554B2RF	67.5
PHY 485WRF	67.3
DP 141B2F	67.3
STV 5327B2RF	66.5
PHYTOGEN 72	66.5
PHY 375WRF	66.0
LSD	3.9

COLORIMETER - b	
PHYTOGEN 72	9.0
AM 1532B2F	9.0
STV 4554B2RF	8.8
PHY 375WRF	8.8
PHY 485WRF	8.6
STV 5327B2RF	8.6
FM 9058F	8.5
DP 555BG/RR	8.3
DP 141B2F	8.0
FM 835LLB2	8.0
LSD	0.8

MICRONAIRE	
STV 4554B2RF	4.80
DP 555BG/RR	4.45
PHYTOGEN 72	4.43
PHY 485WRF	4.40
STV 5327B2RF	4.35
PHY 375WRF	4.35
DP 141B2F	4.35
FM 9058F	4.18
AM 1532B2F	4.10
FM 835LLB2	4.10
LSD	0.48

STELOMETER - E1	
STV 4554B2RF	9.0
STV 5327B2RF	8.3
PHY 485WRF	8.0
PHY 375WRF	8.0
PHYTOGEN 72	7.5
AM 1532B2F	7.0
DP 141B2F	6.5
FM 9058F	6.5
FM 835LLB2	6.5
DP 555BG/RR	6.3
LSD	2.0

STELOMETER - T1	
PHYTOGEN 72	249
STV 5327B2RF	207

FIBROGRAPH - 50% S.L.	
PHYTOGEN 72	0.59
FM 9058F	0.58

FIBROGRAPH - 2.5% S.L.	
FM 9058F	1.16
PHYTOGEN 72	1.15

PHY 485WRF	207	FM 835LLB2	0.57	FM 835LLB2	1.14
STV 4554B2RF	205	STV 5327B2RF	0.56	AM 1532B2F	1.12
FM 835LLB2	202	DP 141B2F	0.55	DP 141B2F	1.11
FM 9058F	202	AM 1532B2F	0.55	STV 5327B2RF	1.09
DP 141B2F	193	PHY 485WRF	0.55	STV 4554B2RF	1.07
DP 555BG/RR	187	STV 4554B2RF	0.54	DP 555BG/RR	1.07
PHY 375WRF	180	DP 555BG/RR	0.53	PHY 485WRF	1.06
AM 1532B2F	177	PHY 375WRF	0.53	PHY 375WRF	1.04
LSD	34	LSD	0.03	LSD	0.05

YARN TENACITY		AREALOMETER - A (MM2/MM3)		AREALOMETER - D (MM2/MM3)	
PHYTOGEN 72	131	FM 9058F	462	PHY 375WRF	27.0
FM 835LLB2	121	PHYTOGEN 72	446	FM 9058F	19.0
FM 9058F	112	PHY 375WRF	442	STV 4554B2RF	15.5
PHY 485WRF	102	DP 555BG/RR	426	DP 555BG/RR	14.5
DP 141B2F	100	STV 4554B2RF	396	PHYTOGEN 72	12.5
STV 5327B2RF	98	FM 835LLB2	.	FM 835LLB2	.
STV 4554B2RF	95	PHY 485WRF	.	PHY 485WRF	.
AM 1532B2F	93	DP 141B2F	.	DP 141B2F	.
PHY 375WRF	90	STV 5327B2RF	.	STV 5327B2RF	.
DP 555BG/RR	87	AM 1532B2F	.	AM 1532B2F	.
LSD	25	LSD	71.1	LSD	18.9

AREALOMETER - I		AREALOMETER - M (PERCENT)		AREALOMETER - P (MIC)???	
PHY 375WRF	1.69	PHYTOGEN 72	98	PHY 375WRF	48.17
FM 9058F	1.52	DP 555BG/RR	97	STV 4554B2RF	45.05
STV 4554B2RF	1.42	STV 4554B2RF	96	DP 555BG/RR	41.40
DP 555BG/RR	1.41	FM 9058F	93	FM 9058F	41.18
PHYTOGEN 72	1.36	PHY 375WRF	86	PHYTOGEN 72	38.33
FM 835LLB2	.	FM 835LLB2	.	FM 835LLB2	.
PHY 485WRF	.	PHY 485WRF	.	PHY 485WRF	.
DP 141B2F	.	DP 141B2F	.	DP 141B2F	.

STV 5327B2RF	.	STV 5327B2RF	.	STV 5327B2RF	.
AM 1532B2F	.	AM 1532B2F	.	AM 1532B2F	.
LSD	0.46	LSD	17	LSD	14.09

AREALOMETER - W (MG/INCH)		AREALOMETER - t (MICRONS)		SEED YIELD (LB/ACRE	
STV 4554B2RF	4.41	STV 4554B2RF	3.4	AM 1532B2F	2104
PHY 375WRF	4.23	DP 555BG/RR	3.1	PHY 485WRF	1960
DP 555BG/RR	3.76	PHYTOGEN 72	3.0	DP 141B2F	1901
FM 9058F	3.45	PHY 375WRF	2.8	PHY 375WRF	1891
PHYTOGEN 72	3.33	FM 9058F	2.8	STV 4554B2RF	1815
FM 835LLB2	.	FM 835LLB2	.	FM 835LLB2	1809
PHY 485WRF	.	PHY 485WRF	.	DP 555BG/RR	1745
DP 141B2F	.	DP 141B2F	.	STV 5327B2RF	1677
STV 5327B2RF	.	STV 5327B2RF	.	FM 9058F	1530
AM 1532B2F	.	AM 1532B2F	.	PHYTOGEN 72	1500
LSD	1.61	LSD	0.6	LSD	105

OIL (PERCENT)		NITROGEN (PERCENT)		PLUS GOSSYPOL	
DP 555BG/RR	2.15	DP 555BG/RR	3.91	DP 141B2F	0.43
PHY 375WRF	2.10	PHY 375WRF	3.89	STV 4554B2RF	0.29
STV 4554B2RF	2.00	PHYTOGEN 72	3.79	STV 5327B2RF	0.29
PHYTOGEN 72	1.93	PHY 485WRF	3.79	FM 835LLB2	0.27
STV 5327B2RF	1.77	FM 9058F	3.70	AM 1532B2F	0.27
DP 141B2F	1.60	STV 5327B2RF	3.64	PHY 485WRF	0.26
FM 835LLB2	1.59	FM 835LLB2	3.57	PHY 375WRF	0.25
PHY 485WRF	1.30	DP 141B2F	3.49	DP 555BG/RR	0.23
FM 9058F	1.18	STV 4554B2RF	3.46	FM 9058F	0.22
AM 1532B2F	1.10	AM 1532B2F	3.10	PHYTOGEN 72	0.20
LSD	.	LSD	.	LSD	.

MINUS GOSSYPOL		TOTAL GOSSYPOL (PERCENT)	
DP 141B2F	0.63	DP 141B2F	1.05
STV 4554B2RF	0.56	STV 4554B2RF	0.85
PHY 485WRF	0.56	STV 5327B2RF	0.82
STV 5327B2RF	0.54	PHY 485WRF	0.81
AM 1532B2F	0.44	AM 1532B2F	0.70
FM 835LLB2	0.41	FM 835LLB2	0.68
PHY 375WRF	0.40	PHY 375WRF	0.65
DP 555BG/RR	0.38	DP 555BG/RR	0.61
PHYTOGEN 72	0.34	PHYTOGEN 72	0.53
FM 9058F	0.26	FM 9058F	0.48
LSD	.	LSD	.

reg=160 REGION=BLACKLAND

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 (%)
THRALL, TX	1201	2.72	41.5	7.8	102	1.02	0.53	201	6.8
DALLAS, TX	1151	4.84	39.7	5.8	104	1.18	0.58	201	7.9

	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
LOCATION	MICRONAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRONAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
THRALL, TX	4.49	1.03	81.6	28.2	6.5	71.7	9.4	4.52	1764	1.67	3.63
DALLAS, TX	4.21	1.18	83.6	28.8	6.8	65.7	7.6	4.22	1823	.	.

LOCATION	---GOSSYPOL LEVELS--- PLUS (+)	MINUS (-)	TOTAL (%)	----------AREALOMETER DATA---------- A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
THRALL, TX	0.27	0.45	0.72	432	17.4	1.47	94	42.94	3.87	3.0
DALLAS, TX	.	.	.	454	20.0	1.53	92	42.37	3.61	2.8

LOCATION=DALLAS, TX

VARIETY CODE	VARIETY NAME	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 (%)
1326	PHY 375WRF	1340	4.46	41.6	9.2	99	1.13	0.56	191	9.0
1347	AM 1532B2F	1277	4.78	38.9	9.7	95	1.18	0.56	175	7.0
1323	STV 4554B2RF	1256	5.18	42.0	5.0	89	1.14	0.56	194	9.5
1270	DP 555BG/RR	1249	4.27	40.9	7.9	99	1.17	0.56	201	6.5
1367	DP 141B2F	1165	4.88	38.5	9.2	103	1.17	0.56	189	7.0
1313	PHY 485WRF	1153	4.45	37.7	9.5	102	1.14	0.57	201	9.0
1324	STV 5327B2RF	1140	4.62	41.3	4.9	89	1.18	0.60	197	9.5
1346	FM 835LLB2	1061	5.68	37.5	1.1	126	1.22	0.60	212	6.5
1344	FM 9058F	963	5.06	38.8	0.4	119	1.26	0.61	218	6.0
1166	PHYTOGEN 72	913	5.04	39.4	0.5	117	1.20	0.61	235	9.0
.	LSD	101	0.49	1.7	7.5	21	0.05	0.05	24	1.2

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.) 2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	COLORIMETER HUNTER'S E	Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1326	PHY 375WRF	4.10	1.10	83.4	28.0	7.1	64.0	7.6	4.10	1921	.	.
1347	AM 1532B2F	3.80	1.20	83.3	26.0	7.0	68.0	8.3	3.90	2120	.	.
1323	STV 4554B2RF	4.60	1.15	82.8	27.0	6.9	63.5	7.9	4.60	1815	.	.
1270	DP 555BG/RR	4.10	1.15	81.2	29.0	6.3	69.5	7.8	4.05	1814	.	.
1367	DP 141B2F	4.25	1.20	82.5	27.5	6.5	65.5	6.9	4.25	1959	.	.
1313	PHY 485WRF	4.20	1.15	83.9	28.0	7.5	63.0	7.8	4.25	2023	.	.
1324	STV 5327B2RF	4.30	1.15	84.0	27.5	6.8	63.5	7.5	4.30	1690	.	.
1346	FM 835LLB2	4.15	1.25	85.5	31.5	6.8	68.0	6.8	4.20	1810	.	.
1344	FM 9058F	4.05	1.25	84.6	31.0	6.3	71.0	8.0	4.05	1601	.	.

1166	PHYTOGEN 72	4.55	1.20	84.7	32.0	7.1	61.0	8.0	4.45	1480	.	.
.	LSD	0.41	0.14	1.2	2.6	0.5	4.6	0.7	0.43	200	.	.

		---GOSSYPOL LEVELS---			----------AREALOMETER DATA----------						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1326	PHY 375WRF	.	.	.	457	26.0	1.67	86	45.94	3.89	2.7
1347	AM 1532B2F	.	.	.	.	.	.	.	.	.	.
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	.	.
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	.	.
1367	DP 141B2F	.	.	.	.	.	.	.	.	.	.
1313	PHY 485WRF	.	.	.	.	.	.	.	.	.	.
1324	STV 5327B2RF	.	.	.	.	.	.	.	.	.	.
1346	FM 835LLB2	.	.	.	.	.	.	.	.	.	.
1344	FM 9058F	.	.	.	465	23.0	1.61	89	43.49	3.62	2.7
1166	PHYTOGEN 72	.	.	.	440	11.0	1.32	100	37.69	3.32	3.1
.	LSD	.	.	.	226	16.8	0.67	25	3.36	1.95	3.1

LOCATION=THRALL, TX

VARIETY CODE	VARIETY NAME	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 (%)
1270	DP 555BG/RR	1384	2.36	45.3	6.5	76	0.97	0.50	173	6.0
1326	PHY 375WRF	1349	2.76	43.4	7.6	81	0.94	0.49	169	7.0
1347	AM 1532B2F	1299	3.46	39.8	8.2	90	1.05	0.53	179	7.0
1367	DP 141B2F	1275	2.88	42.2	7.2	97	1.05	0.54	198	6.0
1313	PHY 485WRF	1270	1.97	41.6	7.4	102	0.97	0.52	213	7.0
1323	STV 4554B2RF	1256	2.65	42.0	8.2	102	1.00	0.52	216	8.5
1324	STV 5327B2RF	1166	3.07	42.2	7.9	106	1.00	0.53	217	7.0
1344	FM 9058F	1067	2.89	43.0	8.0	104	1.06	0.55	186	7.0
1346	FM 835LLB2	1063	2.63	37.6	8.2	117	1.07	0.55	193	6.5
1166	PHYTOGEN 72	875	2.58	37.8	9.0	146	1.09	0.57	263	6.0
.	LSD	106	1.21	3.2	0.9	19	0.04	0.04	23	0.9

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	COLORIMETER HUNTER'S E	COLORIMETER HUNTER'S Rd	COLORIMETER HUNTER'S b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1270	DP 555BG/RR	4.80	1.00	80.9	24.5	5.4	74.5	8.8	4.85	1677	2.15	3.91
1326	PHY 375WRF	4.60	1.00	81.7	27.0	5.9	68.0	10.0	4.60	1862	2.10	3.89
1347	AM 1532B2F	4.40	1.10	82.0	24.0	6.2	72.0	9.6	4.40	2089	1.10	3.10
1367	DP 141B2F	4.45	1.05	80.7	27.5	6.3	69.0	9.1	4.35	1843	1.60	3.49
1313	PHY 485WRF	4.60	1.00	82.0	28.5	7.4	71.5	9.4	4.80	1898	1.30	3.79
1323	STV 4554B2RF	5.00	1.00	81.3	30.5	7.9	71.5	9.8	5.00	1816	2.00	3.46
1324	STV 5327B2RF	4.40	1.00	82.3	30.5	6.9	69.5	9.6	4.50	1664	1.77	3.64
1344	FM 9058F	4.30	1.00	81.3	25.0	5.6	75.0	9.0	4.30	1459	1.18	3.70
1346	FM 835LLB2	4.05	1.05	81.6	27.5	5.9	74.0	9.1	4.10	1809	1.59	3.57
1166	PHYTOGEN 72	4.30	1.10	82.4	37.0	7.4	72.0	10.0	4.30	1519	1.93	3.79
.	LSD	0.43	0.08	2.6	4.1	0.4	5.7	0.8	0.45	237	1.47	0.65

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS--- PLUS (+)	MINUS (-)	TOTAL (%)	AREALOMETER DATA A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1270	DP 555BG/RR	0.23	0.38	0.61	426	14.5	1.41	97	41.40	3.76	3.1
1326	PHY 375WRF	0.25	0.40	0.65	427	28.0	1.71	85	50.40	4.56	2.9
1347	AM 1532B2F	0.27	0.44	0.70	.	.	.	.	.	.	.
1367	DP 141B2F	0.43	0.63	1.05	.	.	.	.	.	.	.
1313	PHY 485WRF	0.26	0.56	0.81	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.29	0.56	0.85	396	15.5	1.42	96	45.05	4.41	3.4
1324	STV 5327B2RF	0.29	0.54	0.82	.	.	.	.	.	.	.
1344	FM 9058F	0.22	0.26	0.48	458	15.0	1.42	96	38.87	3.28	2.8
1346	FM 835LLB2	0.27	0.41	0.68	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.20	0.34	0.53	452	14.0	1.41	97	38.98	3.34	2.9
.	LSD	0.03	0.03	0.09	30.4	32.2	0.78	29	25.43	2.40	0.8

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

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