



2010 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, 2010
Yield, Boll, Seed, Spinning and Data**

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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, 2010.

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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LOCATIONS:

AMES PLANTATION, TN

AUBURN, AL

BEEVILLE, TX

BELLE MINA, AL

BOSSIER CITY, LA

COLLEGE STATION, TX

DALLAS, TX

FLORENCE, SC
GRIFFIN, GA
KEISER, AR
LAMESA, TX (DRY)
LAS CRUCES, NM
LEMOORE, CA
LUBBOCK, TX (IRR)
MARICOPA, AZ
PECOS, TX (IRR)
PORTAGEVILLE, MO
SAINT JOSEPH, LA
STARKVILLE, MS
STONEVILLE, MS
SUFFOLK, VA
THRALL, TX
UNIVERSITY PARK, NM
WESLACO, TX



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South Carolina -- T. Campbell (USDA-ARS)
Texas -- J. Dever, and C. W. Smith

The interest and cooperation of the commercial cottonseed firms of the United States are acknowledged. For the most part, seeds of the regional varieties were contributed by commercial firms. Seeds of varieties used as national standards were supplied by the following organizations:

DPL 555BG/RR

-- 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



Joint Cotton Breeding Policy Committee

(As of January 2002)

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A. G. Jordan, (Secretary) National Cotton Council of America, Memphis, TN
B. Lalor, Cotton Incorporated, Raleigh, NC
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National Cotton Variety Testing Committee

(As of January 2010)

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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 - 2010
Yield Archive File	1960 - 2010
Fiber Quality Archive File	1960 - 2010
Pima Combed Yarn Archive File	1962 - 2010

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

Clemson University	Portageville, MO
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 Agricultural 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:

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

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

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

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

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

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

(t) Wall thickness in microns calculated from:

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

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

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

Digital Fibrograph. An instrument for measuring fiber length. S.L. (span length) is the distance spanned by a specific percentage of the fibers in the test specimen, where the initial starting point of the scanning in the test is considered 100 percent. The 2.5 percent S.L. is the length, in

inches, on the test specimen spanned by 2.5 percent of the fibers scanned at the initial starting point. The 2.5 percent S.L. approximates classer's stable. The 50 percent S.L. is the length, in inches, on the test specimen spanned by 50 percent of the fibers scanned at the initial starting point.

Free gossypol. The gossypol in fuzzy seeds as determined by the HPLC Method described in Vol. 59, page 546, 1982 of the Journal of the American Oil Chemist's Society modified as follows: Immediately after obtaining the hull-free kernels, they were dried in a forced-draft oven at 180°F 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:

$$(\text{ LINT YIELD/ACRE }) \times ((100 - \text{ LINT\% }) / \text{ LINT\% })$$

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 Joaquin Region for 2010.

Cotton varieties tested in the 2010 National Cotton Variety Tests:

CODE	VARIETY	TESTED IN REGION(S)
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1347	AM 1532B2F	BLACKLAND, CENTRAL
1345	AMERICOT 1550B2RF	DELTA, EASTERN
1394	ARK 0102-48	HIGH QUALITY
1395	ARK 9803-23-04	HIGH QUALITY
1411	AT Epic RF	PLAINS
1300	COBALT	PIMA
1414	DG 2450B2RF	EASTERN
1392	DG 2570B2RF	EASTERN
1412	DP 0912B2RF	EASTERN, PLAINS
1409	DP 0924B2RF	DELTA
1381	DP 0949B2RF	EASTERN
1398	DP 1032B2RF	HIGH QUALITY
1399	DP 1034B2RF	HIGH QUALITY
1396	DP 1048B2RF	EASTERN, HIGH QUALITY
1397	DP 1050B2RF	EASTERN, HIGH QUALITY
1364	DP 135B2RF	DELTA
1367	DP 141B2F	BLACKLAND, CENTRAL
1370	DP 161B2RF	WESTERN
1272	DP 340	PIMA
1341	DP 353	PIMA
1374	DP 357	PIMA
1270	DP 555BG/RR	NATIONAL STANDARD, ALL REGIONS EXCEPT PIMA
1358	FM 1740B2F	DELTA
1365	FM 1740B2RF	EASTERN
1405	FM 1773LLB2	HIGH QUALITY
1382	FM 1845LLB2	HIGH QUALITY
1346	FM 835LLB2	CENTRAL
1344	FM 9058F	NATIONAL STANDARD, ALL REGIONS EXCEPT HIGH QUALITY AND PIMA
1344	FM 9058F	WESTERN
1406	FM 9160B2F	HIGH QUALITY
1413	FM 9170B2F	WESTERN
1352	FM 9180B2F	PLAINS
795	MD 25ne	HIGH QUALITY
1408	MD10	HIGH QUALITY
1407	MD25y	HIGH QUALITY
1410	NG 3348B2F	PLAINS
1403	PHX 4912WRF	HIGH QUALITY
1390	PHY 367WRF	HIGH QUALITY
1326	PHY 375WRF	NATIONAL STANDARD, ALL REGIONS EXCEPT HIGH QUALITY AND PIMA
1313	PHY 485WRF	BLACKLAND, CENTRAL
1404	PHY 499WRF	EASTERN, HIGH QUALITY

1389	PHY 565WRF	EASTERN, HIGH QUALITY
1361	PHY 755WRF	WESTERN
1273	PHY 800	PIMA
1393	PHY 830	PIMA
1166	PHYTOGEN 72	NATIONAL STANDARD, ALL REGIONS EXCEPT PIMA
615	PIMA S-7	PIMA
1387	ST 4288B2RF	EASTERN, HIGH QUALITY
1391	ST 5288B2RF	EASTERN
1376	ST 5458B2RF	DELTA, EASTERN, PLAINS
1323	STV 4554B2RF	NATIONAL STANDARD, ALL REGIONS EXCEPT HIGH QUALITY AND PIMA
1324	STV 5327B2RF	BLACKLAND, CENTRAL
1324	STV 5327B2RF	CENTRAL
1402	TAM 03WZ-37	HIGH QUALITY
1401	TAM 04WB-33s	HIGH QUALITY
1400	TAM 06WE-62-4	HIGH QUALITY



2010 REGIONAL SHORT SEASON TEST RESULTS

DELTA RESEARCH AND EXTENSION CENTER
DR. J. CREECH

At the request of Dr. Creech, please access the 2010 Regional Short Season Test Results through the Delta Research and Extension Center Home Page.

[2010 REGIONAL SHORT SEASON TEST](#)

2010 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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Crop Genetics Research Unit sites**





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**National Cotton Variety Tests, 2010
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2010 PLAINS REGIONAL COTTON VARIETY TEST

OVERALL SUMMARIES PLAINS

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)	E1 (%)
1376	ST 5458B2RF	1442	6.28	36.0	10.5	292	1.05	0.54	188	6.4

1411	AT Epic RF	1409	6.14	37.7	10.7	88	1.09	0.56	185	8.7
1326	PHY 375WRF	1372	5.67	37.8	10.0	99	1.09	0.53	171	7.3
1270	DP 555BG/RR	1345	5.35	37.2	8.5	107	1.08	0.54	206	6.5
1323	STV 4554B2RF	1303	6.26	36.6	10.8	90	1.09	0.57	189	8.5
1412	DP 0912B2RF	1228	5.91	36.0	10.3	100	1.10	0.57	192	7.8
1344	FM 9058F	1092	5.95	35.3	11.2	111	1.10	0.56	212	6.0
1166	PHYTOGEN 72	1088	6.40	33.6	11.2	122	1.18	0.58	267	7.8
1352	FM 9180B2F	1077	6.20	33.6	11.8	107	1.09	0.57	153	6.6
1410	NG 3348B2F	1037	6.15	33.8	11.0	104	1.06	0.56	184	6.9
.	LSD	235	0.55	2.3	0.9	192	0.05	0.03	66	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)	E	COLORIMETER HUNTER'S RD b		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1376	ST 5458B2RF	5.20	1.15	81.2	31.0	7.8	76.8	8.5	5.20	2646	3.31	3.25
1411	AT Epic RF	4.93	1.18	82.1	30.5	8.7	77.5	8.5	4.93	2285	3.20	3.48
1326	PHY 375WRF	4.55	1.18	81.9	29.5	7.4	78.5	8.0	4.53	2291	3.31	3.49
1270	DP 555BG/RR	4.58	1.18	81.8	30.0	7.0	80.8	7.3	4.60	2366	3.52	3.34
1323	STV 4554B2RF	5.05	1.13	82.1	30.8	8.8	77.3	8.5	5.13	2305	3.54	3.18
1412	DP 0912B2RF	4.98	1.13	82.4	31.3	8.4	78.0	8.2	5.30	2229	3.48	3.10
1344	FM 9058F	4.63	1.20	81.9	30.0	6.7	80.0	7.3	4.60	2167	3.37	3.21
1166	PHYTOGEN 72	4.60	1.20	83.4	34.5	8.0	77.0	8.5	4.65	1887	3.38	3.40
1352	FM 9180B2F	4.70	1.18	82.8	32.5	7.3	79.8	7.3	4.78	2219	2.70	3.29
1410	NG 3348B2F	4.45	1.15	81.9	30.8	7.4	77.3	8.1	4.50	2103	2.66	3.36
.	LSD	0.44	0.09	1.3	1.3	0.4	1.3	0.3	0.31	391	0.72	0.24

---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	0.54	0.84	1.37	.	.	.	.	.	.	.
1411	AT Epic RF	0.55	0.83	1.38	.	.	.	.	.	.	.
1326	PHY 375WRF	0.57	0.73	1.30	446	21.4	1.58	90	44.39	3.85	2.8
1270	DP 555BG/RR	0.46	0.62	1.07	436	19.6	1.54	92	44.36	3.94	2.9

1323	STV 4554B2RF	0.51	0.76	1.27	409	14.3	1.42	96	43.46	4.12	3.2
1412	DP 0912B2RF	0.57	0.79	1.36	.	.	.	.	.	.	.
1344	FM 9058F	0.56	0.51	1.07	424	16.5	1.46	95	43.21	3.94	3.1
1166	PHYTOGEN 72	0.48	0.61	1.09	433	15.4	1.44	95	41.79	3.74	3.0
1352	FM 9180B2F	0.53	0.65	1.17	.	.	.	.	.	.	.
1410	NG 3348B2F	0.45	0.79	1.24	.	.	.	.	.	.	.
.	LSD	0.05	0.06	0.10	21.1	7.7	0.17	6	3.15	0.21	0.3

 NO SUB REGION DATA AVAILABLE>>>>>>>>> ONLY SUB REGION 11 REPORTED DUE TO WEATHER CONDITIONS

LOCATION	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)	E1 (%)
LUBBOCK, TX (IRR)	1733	6.37	36.3	11.1	98	1.10	0.56	180	7.3
LAMESA, TX (DRY)	745	5.69	35.2	10.1	145	1.08	0.55	210	7.2

LOCATION	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)				COLORIMETER HUNTER'S		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
		2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	RD	b				
LUBBOCK, TX (IRR)	4.78	1.18	82.4	30.6	7.7	79.1	8.0	4.82	3060	3.39	3.25
LAMESA, TX (DRY)	4.75	1.15	81.9	31.6	7.8	77.5	8.0	4.83	1439	3.11	3.37

-----GOSSYPOL LEVELS----- AREALOMETER DATA-----
 PLUS MINUS TOTAL A D M p w t

LOCATION	(+)	(-)	(%)	--- (mm2/mm3) ---		I	(%)	(microns)	(mg/in)	(microns)
LUBBOCK, TX (IRR)	0.62	0.80	1.41	430	18.8	1.52	93	44.26	3.98	3.0
LAMESA, TX (DRY)	0.42	0.63	1.05	429	16.1	1.46	95	42.62	3.85	3.0

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 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	E1 (%)
1376	ST 5458B2RF	2014	6.85	37.1	11.2	99	1.05	0.56	206	6.6
1270	DP 555BG/RR	1873	5.80	37.7	9.5	107	1.08	0.54	201	6.7
1411	AT Epic RF	1854	6.24	38.8	11.0	80	1.10	0.56	157	8.4
1412	DP 0912B2RF	1820	6.37	36.9	10.7	98	1.10	0.57	162	7.3
1326	PHY 375WRF	1783	5.91	37.0	10.4	98	1.08	0.53	135	6.9
1323	STV 4554B2RF	1681	6.79	36.0	11.0	89	1.10	0.58	152	8.5
1166	PHYTOGEN 72	1615	6.61	34.0	11.5	119	1.20	0.58	250	8.7
1352	FM 9180B2F	1601	6.35	34.4	12.1	94	1.10	0.58	123	6.8
1410	NG 3348B2F	1575	6.62	34.9	12.0	99	1.10	0.57	199	7.7
1344	FM 9058F	1516	6.19	36.2	11.5	103	1.13	0.57	211	6.0
.	LSD	319	0.63	2.1	1.1	12	0.10	0.04	139	1.2

VARIETY CODE	VARIETY NAME	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)					COLORIMETER HUNTER'S RD b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
			2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	E						
1376	ST 5458B2RF	5.25	1.20	81.3	30.5	7.6	77.0	8.5	5.25	3562	3.54	3.24
1270	DP 555BG/RR	4.60	1.20	82.6	30.0	7.0	81.5	7.4	4.60	3300	3.11	3.29
1411	AT Epic RF	4.75	1.20	82.0	30.0	8.6	78.5	8.4	4.80	3007	3.41	3.50
1412	DP 0912B2RF	5.30	1.10	82.3	30.5	8.2	78.5	8.3	5.40	3092	3.66	3.09

1326	PHY 375WRF	4.40	1.15	81.9	29.0	7.3	79.0	8.1	4.40	2997	3.32	3.49
1323	STV 4554B2RF	5.05	1.15	83.3	29.5	8.5	78.5	8.5	5.10	2891	3.72	3.12
1166	PHYTOGEN 72	4.55	1.20	83.8	33.5	8.0	78.5	8.3	4.65	2706	3.71	3.34
1352	FM 9180B2F	4.70	1.20	82.9	32.0	7.3	80.5	7.3	4.70	3050	2.93	3.07
1410	NG 3348B2F	4.60	1.20	82.3	30.5	7.5	77.5	8.0	4.70	3088	2.71	3.28
1344	FM 9058F	4.60	1.20	82.1	30.0	6.9	81.0	7.2	4.55	2905	3.77	3.08
.	LSD	0.17	0.07	1.6	1.1	0.4	2.2	0.5	0.27	1124	0.88	0.36

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1376	ST 5458B2RF	0.64	0.94	1.58	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.57	0.71	1.27	435	18.8	1.52	92	43.98	3.93	2.9
1411	AT Epic RF	0.64	0.88	1.52	.	.	.	.	.	.	.
1412	DP 0912B2RF	0.64	0.88	1.52	.	.	.	.	.	.	.
1326	PHY 375WRF	0.68	0.84	1.52	449	24.5	1.65	88	46.00	3.96	2.8
1323	STV 4554B2RF	0.61	0.86	1.47	406	14.8	1.43	96	44.12	4.21	3.2
1166	PHYTOGEN 72	0.56	0.68	1.23	428	15.8	1.45	95	42.50	3.84	3.1
1352	FM 9180B2F	0.65	0.74	1.39	.	.	.	.	.	.	.
1410	NG 3348B2F	0.54	0.90	1.44	.	.	.	.	.	.	.
1344	FM 9058F	0.65	0.57	1.22	434	20.3	1.55	92	44.73	3.99	3.0
.	LSD	0.03	0.03	0.10	64.0	15.3	0.35	13	5.34	0.43	0.7

LOCATION=LAMESA, TX (DRY)

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL	FIBROGRAPH	STELOMETER	
		YIELD (LB/ACRE)	SIZE (G/BOLL)			TENACITY (Mn/tex)	2.5% S.L. (INCHES)	50% S.L. (INCHES)	T1 (mN/tex)	E1 (%)
1411	AT Epic RF	964	6.05	36.6	10.3	96	1.08	0.57	214	9.0
1326	PHY 375WRF	961	5.43	38.7	9.6	100	1.10	0.54	206	7.8
1323	STV 4554B2RF	925	5.74	37.1	10.6	90	1.08	0.55	226	8.5

1376	ST 5458B2RF	869	5.71	34.9	9.8	486	1.05	0.53	170	6.3
1270	DP 555BG/RR	817	4.90	36.6	7.5	106	1.08	0.54	211	6.4
1344	FM 9058F	667	5.72	34.5	10.8	118	1.08	0.55	214	5.9
1412	DP 0912B2RF	636	5.45	35.1	9.8	102	1.10	0.56	221	8.4
1166	PHYTOGEN 72	561	6.19	33.2	11.0	125	1.15	0.59	285	7.0
1352	FM 9180B2F	552	6.04	32.7	11.5	121	1.08	0.56	184	6.5
1410	NG 3348B2F	498	5.68	32.8	10.0	109	1.03	0.55	170	6.2
.	LSD	234	0.80	3.1	1.4	409	0.08	0.02	91	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)	E	COLORIMETER HUNTER'S RD b		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1411	AT Epic RF	5.10	1.15	82.3	31.0	8.7	76.5	8.5	5.05	1563	2.99	3.45
1326	PHY 375WRF	4.70	1.20	81.9	30.0	7.4	78.0	8.0	4.65	1584	3.31	3.50
1323	STV 4554B2RF	5.05	1.10	80.9	32.0	9.1	76.0	8.6	5.15	1718	3.37	3.25
1376	ST 5458B2RF	5.15	1.10	81.0	31.5	8.0	76.5	8.5	5.15	1729	3.09	3.26
1270	DP 555BG/RR	4.55	1.15	81.1	30.0	7.0	80.0	7.1	4.60	1432	3.93	3.40
1344	FM 9058F	4.65	1.20	81.7	30.0	6.6	79.0	7.5	4.65	1429	2.96	3.35
1412	DP 0912B2RF	4.65	1.15	82.5	32.0	8.6	77.5	8.1	5.20	1366	3.30	3.11
1166	PHYTOGEN 72	4.65	1.20	83.1	35.5	8.1	75.5	8.6	4.65	1068	3.06	3.47
1352	FM 9180B2F	4.70	1.15	82.8	33.0	7.3	79.0	7.4	4.85	1388	2.47	3.52
1410	NG 3348B2F	4.30	1.10	81.5	31.0	7.4	77.0	8.2	4.30	1118	2.62	3.45
.	LSD	0.67	0.10	1.9	1.9	0.6	1.9	1.1	0.36	925	0.64	0.24

		---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1411	AT Epic RF	0.47	0.77	1.24	.	.	.	.	.	.	.
1326	PHY 375WRF	0.47	0.62	1.08	443	18.3	1.51	93	42.78	3.74	2.9
1323	STV 4554B2RF	0.41	0.67	1.08	412	13.8	1.41	97	42.80	4.02	3.2
1376	ST 5458B2RF	0.44	0.73	1.17	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.35	0.53	0.88	438	20.5	1.56	91	44.73	3.96	2.9
1344	FM 9058F	0.47	0.45	0.92	414	12.8	1.38	98	41.70	3.90	3.2
1412	DP 0912B2RF	0.50	0.71	1.20	.	.	.	.	.	.	.

1166	PHYTOGEN 72	0.40	0.55	0.95	438	15.0	1.44	96	41.09	3.63	3.0
1352	FM 9180B2F	0.41	0.55	0.96
1410	NG 3348B2F	0.35	0.69	1.04
.	LSD	0.11	0.11	0.25	46.9	13.1	0.31	11	6.63	0.62	0.5

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**National Cotton Variety Tests, 2010
Yield, Boll, Seed, Spinning and Data**

2010 EASTERN REGIONAL COTTON VARIETY TEST

2010 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)	E1 (%)
1404	PHY 499WRF	1707	4.38	42.6	9.0	104	1.06	0.57	184	8.3

1345	AMERICOT 1550B2RF	4.70	1.10	82.7	28.4	7.1	70.3	8.6	4.72	2309	3.49
3.59											
1392	DG 2570B2RF	4.87	1.14	82.8	30.3	7.6	69.5	8.9	4.82	2306	3.15
3.46											
1326	PHY 375WRF	4.73	1.10	82.3	30.0	7.0	68.2	8.2	4.69	2355	3.61
3.71											
1412	DP 0912B2RF	4.99	1.12	82.5	29.9	7.2	68.7	8.2	4.91	2251	3.12
3.44											
1389	PHY 565WRF	4.70	1.15	82.6	31.4	7.5	69.2	8.5	4.66	2359	3.98
3.50											
1376	ST 5458B2RF	5.04	1.14	81.8	30.3	7.1	67.2	8.6	4.97	2323	3.82
3.49											
1323	STV 4554B2RF	4.98	1.10	82.0	29.8	7.7	68.5	8.5	4.93	2286	3.72
3.42											
1391	ST 5288B2RF	4.86	1.13	81.8	29.3	7.0	70.1	7.4	4.86	2235	3.70
3.50											
1365	FM 1740B2RF	4.83	1.11	82.3	30.0	6.9	70.5	7.9	4.78	2329	3.71
3.65											
1381	DP 0949B2RF	4.90	1.14	82.9	31.1	7.3	68.9	8.2	4.83	2256	3.40
3.56											
1414	DG 2450B2RF	4.48	1.15	83.1	28.6	6.7	69.6	7.9	4.44	2331	3.23
3.50											
1344	FM 9058F	4.51	1.15	82.6	29.6	6.2	70.9	7.7	4.53	2211	3.74
3.51											
1166	PHYTOGEN 72	4.51	1.17	83.0	33.4	7.5	69.2	8.8	4.53	2174	3.62
3.66											
.	LSD	0.28	0.04	0.6	1.5	0.5	2.0	0.4	0.27	235	0.64
0.18											

		---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
VARIETY CODE (microns)	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t
1404	PHY 499WRF	0.42	0.70	1.12	.	.	.	.	.	.	.
1397	DP 1050B2RF	0.46	0.72	1.18	.	.	.	.	.	.	.

1387	ST 4288B2RF	0.48	0.87	1.34	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.39	0.59	0.98	418	16.3	1.46	95	43.87	4.07	3.1
1396	DP 1048B2RF	0.46	0.72	1.18	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.49	0.78	1.27	.	.	.	.	.	.	.
1392	DG 2570B2RF	0.46	0.72	1.18	.	.	.	.	.	.	.
1326	PHY 375WRF	0.45	0.66	1.11	419	17.1	1.48	94	44.44	4.11	3.1
1412	DP 0912B2RF	0.45	0.66	1.11	.	.	.	.	.	.	.
1389	PHY 565WRF	0.43	0.66	1.09	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.42	0.75	1.18	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.44	0.71	1.15	401	14.0	1.41	97	44.02	4.25	3.3
1391	ST 5288B2RF	0.49	0.76	1.24	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.41	0.56	0.97	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.38	0.54	0.92	.	.	.	.	.	.	.
1414	DG 2450B2RF	0.46	0.70	1.16	.	.	.	.	.	.	.
1344	FM 9058F	0.40	0.47	0.88	443	19.0	1.52	93	43.17	3.78	2.9
1166	PHYTOGEN 72	0.37	0.57	0.94	441	16.4	1.46	95	41.56	3.65	3.0
.	LSD	0.04	0.07	0.11	22.1	4.8	0.12	4	2.65	0.30	0.2

LOCATION	LINT	BOLL	LINT	SEED	YARN	DIGITAL	FIBROGRAPH	STELOMETER	
	YIELD	SIZE			TENACITY	2.5% S.L.	50% S.L.	T1	E1
	(LB/ACRE)	(G/BOLL)	PERCENT	INDEX	(Mn/tex)	(INCHES)	(INCHES)	(mN/tex)	(%)
SUFFOLK, VA	2303	.	.	.	.	.	.	.	.
FLORENCE, SC	1914	.	27.0	10.3	95	1.09	0.56	188	8.2
GRIFFIN, GA	1705	.	43.7	.	105	1.09	0.58	172	6.5
STARKVILLE, MS	1507	4.78	42.0	9.6	110	1.08	0.57	190	7.1
AUBURN, AL	1052	4.19	44.9	8.3	98	1.00	0.53	166	7.0
BELLE MINA, AL	641	4.11	43.2	8.5	98	1.02	0.53	165	7.5

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

MICRO	2.5%	UNIFO-	STRE-	COLORIMETER	MICRO-	SEED	NITR
NAIRE	S.L.	MITY	NGTH	HUNTER'S	NAIRE	YIELD	OIL OGEN

LOCATION	(reading)	(in.)	(%)	(g/tex)	E	RD	b	(Reading)	(lb/ac)	(%)	(%)
SUFFOLK, VA	.	.	.	.	.	.	.	.	.	3.42	3.96
FLORENCE, SC	4.70	1.18	83.1	31.1	7.4	59.3	7.7	4.59	5174	3.41	3.38
GRIFFIN, GA	4.65	1.16	82.8	28.6	6.7	65.3	7.4	4.67	2197	3.72	2.93
STARKVILLE, MS	5.13	1.15	83.3	31.0	7.1	74.3	7.7	5.04	2029	3.72	3.73
AUBURN, AL	4.88	1.08	81.8	28.9	7.2	74.2	9.1	4.90	1290	3.17	3.71
BELLE MINA, AL	4.56	1.09	81.5	30.3	7.3	73.9	9.3	4.54	845	4.09	3.75

LOCATION	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
SUFFOLK, VA	0.49	0.70	1.20	.	.	.	.	.	.	.
FLORENCE, SC	0.53	0.75	1.27	434	20.9	1.57	91	45.51	4.08	2.9
GRIFFIN, GA	0.56	0.85	1.41	421	16.1	1.46	95	43.45	4.00	3.1
STARKVILLE, MS	0.44	0.69	1.13	409	15.5	1.44	95	44.37	4.21	3.2
AUBURN, AL	0.29	0.52	0.81	418	13.4	1.39	97	41.69	3.87	3.2
BELLE MINA, AL	0.31	0.53	0.84	440	16.9	1.47	94	42.04	3.71	2.9

LOCATION=AUBURN, 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)	E1 (%)
1412	DP 0912B2RF	1122	4.43	46.7	8.2	93	1.05	0.53	137	7.3
1166	PHYTOGEN 72	1119	4.24	46.1	8.5	89	1.00	0.52	181	8.0
1397	DP 1050B2RF	1114	4.18	44.4	8.4	101	1.00	0.51	191	5.5
1344	FM 9058F	1092	4.04	46.0	7.7	95	1.00	0.52	186	6.8

1414	DG 2450B2RF	5.05	1.05	81.3	27.0	6.3	76.5	8.4	5.05	1367	4.11
3.50											
1396	DP 1048B2RF	5.10	1.05	82.2	30.0	7.7	73.5	9.6	5.10	1289	2.51
3.71											
1326	PHY 375WRF	4.75	1.10	81.9	29.0	7.5	73.0	9.8	4.85	1252	3.64
3.86											
1391	ST 5288B2RF	4.65	1.10	81.6	28.0	6.9	75.5	8.9	4.70	1351	3.13
3.60											
1381	DP 0949B2RF	4.70	1.10	82.1	31.0	7.3	72.5	8.9	4.70	1384	2.06
3.61											
1365	FM 1740B2RF	4.90	1.00	81.3	29.0	7.3	75.0	9.1	4.90	1276	2.96
3.75											
1387	ST 4288B2RF	4.95	1.10	81.8	31.5	8.1	73.0	9.4	4.95	1330	2.85
3.68											
1376	ST 5458B2RF	4.75	1.10	82.4	29.0	7.6	72.5	9.7	4.75	1341	3.80
3.61											
1404	PHY 499WRF	4.90	1.05	81.7	28.0	7.4	74.5	8.5	4.90	1184	3.60
3.86											
1323	STV 4554B2RF	5.05	1.05	81.5	27.0	6.1	74.0	8.5	4.90	1100	3.60
3.79											
1389	PHY 565WRF	4.65	1.10	81.8	30.0	6.9	76.0	8.9	4.75	1151	2.91
3.50											
.	LSD	0.69	0.08	2.0	3.9	0.9	2.5	1.1	0.73	333	0.93
0.33											

---GOSSYPOL LEVELS---

-----AREALOMETER DATA-----

VARIETY CODE (microns)	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t
1412	DP 0912B2RF	0.34	0.53	0.87	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.31	0.57	0.88	419	9.0	1.28	102	38.19	3.53	3.4
1397	DP 1050B2RF	0.30	0.58	0.88	.	.	.	.	.	.	.
1344	FM 9058F	0.29	0.48	0.77	434	11.8	1.35	99	39.03	3.48	3.1
1392	DG 2570B2RF	0.29	0.58	0.87	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.29	0.55	0.84	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.31	0.54	0.85	418	18.0	1.51	93	45.17	4.18	3.1

1414	DG 2450B2RF	0.29	0.49	0.78	.	.	.	.	.	.	.
1396	DP 1048B2RF	0.29	0.53	0.82	.	.	.	.	.	.	.
1326	PHY 375WRF	0.28	0.54	0.82	422	15.8	1.45	95	43.28	4.02	3.1
1391	ST 5288B2RF	0.31	0.58	0.88	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.27	0.40	0.67	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.28	0.50	0.78	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.30	0.55	0.85	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.30	0.59	0.89	.	.	.	.	.	.	.
1404	PHY 499WRF	0.28	0.49	0.77	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.27	0.46	0.73	401	12.3	1.37	99	42.77	4.14	3.3
1389	PHY 565WRF	0.25	0.42	0.67	.	.	.	.	.	.	.
.	LSD	0.05	0.05	0.16	72.2	14.0	0.36	13	11.68	1.53	0.8

 LOCATION=FLORENCE, SC

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)	E1 (%)
1397	DP 1050B2RF	2206	.	29.2	10.3	85	1.10	0.56	184	8.3
1404	PHY 499WRF	2193	.	29.2	10.2	96	1.10	0.60	162	8.5
1412	DP 0912B2RF	2152	.	30.9	10.4	96	1.08	0.56	155	8.3
1396	DP 1048B2RF	2140	.	28.5	10.0	86	1.10	0.56	186	8.5
1323	STV 4554B2RF	2057	.	29.6	10.8	85	1.10	0.57	201	8.7
1326	PHY 375WRF	2007	.	27.1	10.3	96	1.10	0.58	196	7.9
1391	ST 5288B2RF	1984	.	27.9	9.4	81	1.10	0.57	196	8.5
1392	DG 2570B2RF	1976	.	28.1	10.4	90	1.10	0.58	160	9.0
1376	ST 5458B2RF	1961	.	28.1	10.7	102	1.10	0.54	191	7.7
1387	ST 4288B2RF	1954	.	29.5	11.4	96	1.10	0.55	191	8.9
1270	DP 555BG/RR	1942	.	26.3	8.3	102	1.10	0.55	194	6.9
1345	AMERICOT 1550B2RF	1926	.	27.3	10.6	87	1.10	0.56	201	8.0
1381	DP 0949B2RF	1894	.	25.6	9.8	96	1.10	0.59	219	7.9
1414	DG 2450B2RF	1824	.	26.8	10.1	95	1.05	0.58	152	8.8

1389	PHY 565WRF	1752	.	25.2	10.1	97	1.10	0.57	160	8.9
1365	FM 1740B2RF	1751	.	24.7	11.2	101	1.10	0.55	170	8.5
1344	FM 9058F	1439	.	21.5	11.1	103	1.10	0.56	233	6.7
1166	PHYTOGEN 72	1300	.	20.0	10.0	114	1.08	0.59	233	7.8
.	LSD	200	.	2.8	0.8	8	0.02	0.04	81	0.8

VARIETY CODE	VARIETY NAME	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)	
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	COLORIMETER HUNTER'S RD b					MICRO- NAIRE (Reading)
1397	DP 1050B2RF	4.60	1.20	84.0	29.0	8.0	63.5	8.2	4.50	5351	3.17	3.86
1404	PHY 499WRF	4.90	1.20	83.9	32.5	8.1	59.0	7.9	4.75	5325	3.68	3.36
1412	DP 0912B2RF	5.15	1.10	82.7	31.0	7.6	56.0	7.2	4.90	4823	2.85	3.23
1396	DP 1048B2RF	4.70	1.20	83.0	29.0	7.6	57.5	7.9	4.65	5363	3.27	3.78
1323	STV 4554B2RF	5.00	1.10	82.4	30.5	8.1	57.5	8.0	4.80	4902	3.53	3.15
1326	PHY 375WRF	4.50	1.15	82.7	31.5	7.1	57.5	7.6	4.45	5392	3.70	3.65
1391	ST 5288B2RF	4.75	1.20	82.4	31.5	7.5	58.0	6.8	4.75	5141	3.60	3.29
1392	DG 2570B2RF	4.80	1.20	84.1	32.0	8.2	60.5	8.3	4.55	5056	3.75	3.10
1376	ST 5458B2RF	5.00	1.20	82.6	32.5	7.1	56.5	7.5	4.85	5035	3.40	3.19
1387	ST 4288B2RF	5.00	1.20	82.9	31.0	7.5	57.5	7.7	4.80	4676	3.32	3.16
1270	DP 555BG/RR	4.75	1.20	81.4	29.5	6.5	63.5	6.9	4.75	5444	3.17	3.44
1345	AMERICOT 1550B2RF	4.50	1.15	83.3	30.0	7.4	63.0	8.3	4.60	5123	2.83	3.30
1381	DP 0949B2RF	5.25	1.20	83.6	31.5	7.7	59.0	7.8	4.95	5506	3.30	3.35
1414	DG 2450B2RF	4.15	1.20	83.9	29.5	7.1	56.5	7.5	4.10	4987	2.87	3.33
1389	PHY 565WRF	4.50	1.20	82.6	32.5	7.6	60.0	8.3	4.40	5213	3.81	3.25
1365	FM 1740B2RF	5.00	1.20	83.4	31.0	6.8	61.0	7.4	4.75	5324	2.93	3.67
1344	FM 9058F	4.15	1.20	83.4	32.0	6.5	60.0	7.3	4.15	5258	3.96	3.33
1166	PHYTOGEN 72	3.90	1.20	84.0	34.0	7.3	61.0	8.2	3.90	5216	4.28	3.46
.	LSD	0.43	0.05	0.9	1.9	0.6	4.2	0.7	0.38	236	1.00	0.26

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

VARIETY VARIETY PLUS MINUS TOTAL A D M p w t

CODE (microns)	NAME	(+)	(-)	(%)	--- (mm2/mm3) ---		I	(%)	(microns)	(mg/in)	
1397	DP 1050B2RF	0.54	0.75	1.29	.	.	.	.	.	.	.
1404	PHY 499WRF	0.48	0.77	1.24	.	.	.	.	.	.	.
1412	DP 0912B2RF	0.54	0.75	1.28	.	.	.	.	.	.	.
1396	DP 1048B2RF	0.56	0.80	1.36	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.56	0.83	1.39	397	17.3	1.49	94	46.99	4.57	3.2
1326	PHY 375WRF	0.53	0.70	1.23	420	18.8	1.53	93	45.51	4.19	3.0
1391	ST 5288B2RF	0.60	0.85	1.45	.	.	.	.	.	.	.
1392	DG 2570B2RF	0.59	0.82	1.41	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.57	0.93	1.50	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.58	0.99	1.57	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.42	0.58	1.00	417	22.3	1.60	90	48.20	4.48	3.0
1345	AMERICOT 1550B2RF	0.61	0.90	1.50	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.46	0.56	1.02	.	.	.	.	.	.	.
1414	DG 2450B2RF	0.62	0.90	1.52	.	.	.	.	.	.	.
1389	PHY 565WRF	0.53	0.75	1.28	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.44	0.56	1.00	.	.	.	.	.	.	.
1344	FM 9058F	0.47	0.48	0.95	452	22.0	1.59	90	44.18	3.78	2.8
1166	PHYTOGEN 72	0.41	0.56	0.97	484	24.3	1.65	88	42.68	3.42	2.6
.	LSD	0.06	0.06	0.14	26.4	8.8	0.19	8	3.12	0.12	0.2

LOCATION=STARKVILLE, MS

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)	E1 (%)
1404	PHY 499WRF	1897	5.02	46.2	9.1	106	1.10	0.59	219	9.4
1270	DP 555BG/RR	1746	4.63	43.0	8.3	111	1.05	0.54	157	6.0
1396	DP 1048B2RF	1712	4.92	44.3	9.3	92	1.10	0.59	206	7.8

1323	STV 4554B2RF	4.95	1.15	83.7	31.5	7.7	74.0	7.9	4.85	2219	4.24
3.28											
1326	PHY 375WRF	5.10	1.10	82.8	31.5	7.0	73.5	7.3	5.05	2170	3.71
3.63											
1376	ST 5458B2RF	5.65	1.15	82.3	31.0	7.1	71.0	8.4	5.50	2104	3.64
3.76											
1391	ST 5288B2RF	5.40	1.10	82.3	29.5	6.9	76.0	6.9	5.40	1818	4.00
3.80											
1365	FM 1740B2RF	5.20	1.10	82.5	30.0	6.9	74.0	6.9	5.10	1915	3.34
3.95											
1387	ST 4288B2RF	5.15	1.15	83.0	29.5	7.0	73.5	7.4	5.15	2149	3.58
3.74											
1392	DG 2570B2RF	5.30	1.15	82.8	30.5	7.6	73.5	9.0	5.25	1809	2.45
3.74											
1414	DG 2450B2RF	4.55	1.20	84.1	29.5	6.7	76.0	7.3	4.45	2066	3.59
3.51											
1412	DP 0912B2RF	5.20	1.15	83.6	31.5	7.1	72.5	8.1	5.20	1950	3.04
3.44											
1344	FM 9058F	5.00	1.20	83.6	31.0	6.3	76.5	7.3	4.85	1563	3.93
3.60											
1166	PHYTOGEN 72	4.75	1.25	84.2	37.0	7.4	74.5	8.1	4.55	1617	4.44
3.40											
.	LSD	0.29	0.07	1.5	1.5	0.4	3.0	0.7	0.33	490	0.77
0.25											

---GOSSYPOL LEVELS---

-----AREALOMETER DATA-----

VARIETY CODE (microns)	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t
1404	PHY 499WRF	0.40	0.68	1.08	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.40	0.59	0.98	395	12.0	1.36	99	43.16	4.24	3.4
1396	DP 1048B2RF	0.44	0.73	1.17	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.47	0.78	1.25	.	.	.	.	.	.	.
1397	DP 1050B2RF	0.49	0.76	1.25	.	.	.	.	.	.	.
1389	PHY 565WRF	0.46	0.71	1.17	.	.	.	.	.	.	.

1381	DP 0949B2RF	0.37	0.56	0.93	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.47	0.79	1.26	407	16.8	1.48	94	45.57	4.33	3.2
1326	PHY 375WRF	0.46	0.64	1.10	403	15.0	1.44	96	44.72	4.30	3.3
1376	ST 5458B2RF	0.37	0.67	1.03	.	.	.	.	.	.	.
1391	ST 5288B2RF	0.50	0.78	1.28	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.45	0.61	1.06	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.54	1.01	1.55	.	.	.	.	.	.	.
1392	DG 2570B2RF	0.43	0.71	1.13	.	.	.	.	.	.	.
1414	DG 2450B2RF	0.46	0.70	1.16	.	.	.	.	.	.	.
1412	DP 0912B2RF	0.44	0.68	1.12	.	.	.	.	.	.	.
1344	FM 9058F	0.38	0.41	0.79	408	17.0	1.49	94	45.66	4.33	3.2
1166	PHYTOGEN 72	0.43	0.63	1.06	431	16.5	1.47	95	42.73	3.84	3.0
.	LSD	0.08	0.08	0.17	25.1	9.4	0.23	9	6.15	0.53	0.4

 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 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	E1 (%)
1412	DP 0912B2RF	734	4.33	42.7	8.7	110	1.05	0.55	162	7.8
1323	STV 4554B2RF	728	4.30	42.8	8.3	95	1.00	0.52	211	8.5
1404	PHY 499WRF	716	3.82	45.8	8.3	109	1.00	0.53	201	9.1
1387	ST 4288B2RF	688	4.57	41.3	9.2	90	1.00	0.54	152	7.7
1270	DP 555BG/RR	670	3.79	43.0	7.5	104	1.00	0.51	140	6.0
1414	DG 2450B2RF	670	3.99	42.7	8.6	89	1.05	0.53	157	5.5
1391	ST 5288B2RF	666	4.08	43.1	7.9	82	1.00	0.55	140	6.9
1397	DP 1050B2RF	664	4.21	45.3	7.9	85	1.03	0.55	147	9.0
1396	DP 1048B2RF	655	4.06	44.0	8.0	89	1.08	0.55	106	8.6
1326	PHY 375WRF	655	4.04	45.5	8.3	99	1.00	0.55	184	6.0
1392	DG 2570B2RF	654	4.36	43.6	8.7	99	1.00	0.55	199	9.2
1345	AMERICOT 1550B2RF	649	4.07	43.9	8.7	98	1.00	0.52	135	6.0
1376	ST 5458B2RF	647	4.01	42.9	9.0	86	1.00	0.50	150	8.2
1365	FM 1740B2RF	635	4.60	42.0	8.9	105	1.00	0.54	206	7.8
1344	FM 9058F	592	4.10	42.1	8.9	109	1.03	0.54	191	4.8

1389	PHY 565WRF	558	3.62	41.9	8.4	97	1.00	0.53	201	9.5
1166	PHYTOGEN 72	522	4.18	40.2	9.2	124	1.10	0.56	184	6.3
1381	DP 0949B2RF	440	3.83	44.2	8.3	105	1.00	0.52	116	7.9
.	LSD	163	0.41	1.2	0.5	14	0.07	0.03	94	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)	E	COLORIMETER HUNTER'S RD b		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1412	DP 0912B2RF	4.55	1.15	81.5	30.5	7.1	76.0	9.2	4.50	983	2.94	3.65
1323	STV 4554B2RF	5.10	1.00	80.5	31.0	8.4	71.0	10.0	5.10	972	3.01	3.65
1404	PHY 499WRF	4.65	1.10	82.5	32.5	8.4	73.0	9.9	4.65	848	5.28	3.67
1387	ST 4288B2RF	4.55	1.10	82.3	28.0	7.0	75.0	8.9	4.55	978	4.64	3.58
1270	DP 555BG/RR	4.35	1.05	79.8	27.5	6.0	76.0	8.4	4.40	889	3.17	3.65
1414	DG 2450B2RF	4.35	1.10	82.6	29.5	7.0	73.0	9.6	4.35	900	2.72	3.81
1391	ST 5288B2RF	4.80	1.10	80.8	30.5	7.1	76.5	8.0	4.80	881	4.93	3.68
1397	DP 1050B2RF	4.30	1.10	81.6	28.0	7.2	73.0	9.4	4.30	799	4.45	4.03
1396	DP 1048B2RF	4.40	1.10	81.7	30.0	7.6	75.0	9.0	4.25	835	4.67	4.16
1326	PHY 375WRF	4.70	1.05	81.3	29.0	6.9	74.0	9.2	4.70	785	3.72	3.68
1392	DG 2570B2RF	4.70	1.10	81.8	31.0	7.7	73.5	9.7	4.65	847	3.65	3.63
1345	AMERICOT 1550B2RF	4.65	1.05	81.6	27.5	7.1	73.5	9.8	4.65	829	3.48	3.85
1376	ST 5458B2RF	4.80	1.10	80.1	30.0	7.2	72.0	9.8	4.70	864	5.07	3.62
1365	FM 1740B2RF	4.55	1.10	81.4	30.5	7.2	76.0	9.2	4.55	877	4.85	3.68
1344	FM 9058F	4.20	1.10	82.3	30.0	6.0	75.5	8.7	4.20	812	3.76	3.61
1389	PHY 565WRF	4.70	1.10	81.7	32.0	8.1	71.0	9.7	4.60	773	5.60	3.75
1166	PHYTOGEN 72	4.35	1.10	82.0	36.0	7.9	72.5	10.0	4.50	780	3.57	3.91
1381	DP 0949B2RF	4.35	1.10	82.2	31.5	7.2	74.5	9.2	4.35	558	4.11	3.86
.	LSD	0.49	0.08	1.7	2.9	0.8	2.8	0.9	0.53	218	1.20	0.20

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

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

(microns)

1412	DP 0912B2RF	0.30	0.46	0.76	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.31	0.52	0.83	405	10.0	1.31	100	40.45	3.86	3.3
1404	PHY 499WRF	0.29	0.53	0.82	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.33	0.69	1.02	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.27	0.49	0.76	457	18.3	1.51	93	41.48	3.51	2.8
1414	DG 2450B2RF	0.31	0.52	0.82	.	.	.	.	.	.	.
1391	ST 5288B2RF	0.37	0.62	0.99	.	.	.	.	.	.	.
1397	DP 1050B2RF	0.36	0.65	1.01	.	.	.	.	.	.	.
1396	DP 1048B2RF	0.35	0.64	0.99	.	.	.	.	.	.	.
1326	PHY 375WRF	0.32	0.49	0.81	427	20.3	1.56	92	45.71	4.13	3.0
1392	DG 2570B2RF	0.32	0.58	0.89	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.34	0.61	0.95	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.29	0.56	0.85	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.32	0.45	0.76	.	.	.	.	.	.	.
1344	FM 9058F	0.30	0.41	0.71	468	20.8	1.57	91	41.92	3.47	2.7
1389	PHY 565WRF	0.30	0.56	0.86	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.25	0.42	0.67	442	15.0	1.43	96	40.64	3.57	3.0
1381	DP 0949B2RF	0.25	0.43	0.68	.	.	.	.	.	.	.
.	LSD	0.02	0.02	0.06	53.0	17.3	0.40	16	10.19	1.04	0.5

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)	E1 (%)
1392	DG 2570B2RF	1900	.	43.9	.	96	1.10	0.59	157	6.5
1397	DP 1050B2RF	1889	.	47.4	.	109	1.10	0.59	98	8.0
1387	ST 4288B2RF	1832	.	41.4	.	103	1.10	0.58	152	8.2
1389	PHY 565WRF	1816	.	43.7	.	108	1.15	0.62	216	8.0
1381	DP 0949B2RF	1804	.	45.3	.	112	1.10	0.59	167	7.4
1404	PHY 499WRF	1786	.	46.8	.	115	1.10	0.58	209	7.5
1326	PHY 375WRF	1765	.	44.9	.	105	1.10	0.58	191	5.5

1396	DP 1048B2RF	1743	.	45.6
1376	ST 5458B2RF	1739	.	43.3	.	107	1.10	0.57	191	6.8	
1345	AMERICOT 1550B2RF	1719	.	43.9	.	99	1.05	0.56	157	5.8	
1365	FM 1740B2RF	1662	.	42.4	.	107	1.10	0.57	165	6.9	
1414	DG 2450B2RF	1660	.	41.6	.	97	1.10	0.60	103	4.7	
1270	DP 555BG/RR	1643	.	45.0	.	113	1.10	0.57	150	4.0	
1412	DP 0912B2RF	1636	.	42.4	.	99	1.08	0.57	194	8.0	
1323	STV 4554B2RF	1580	.	41.4	.	99	1.05	0.55	211	8.0	
1391	ST 5288B2RF	1555	.	44.0	.	93	1.08	0.57	189	6.8	
1344	FM 9058F	1521	.	41.5	.	109	1.08	0.57	157	4.3	
1166	PHYTOGEN 72	1432	.	42.3	.	118	1.10	0.61	221	5.2	
.	LSD	224	.	1.3	.	16	0.06	0.03	88	0.8	

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)	E	COLORIMETER HUNTER'S		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
							RD	b				
1392	DG 2570B2RF	4.80	1.15	83.5	28.5	7.2	67.5	8.1	4.85	2431	2.71	2.87
1397	DP 1050B2RF	4.45	1.20	83.2	27.5	6.6	66.5	7.9	4.55	2099	3.99	3.12
1387	ST 4288B2RF	4.55	1.20	83.3	27.0	6.6	60.5	7.0	4.60	2590	4.38	2.61
1389	PHY 565WRF	4.70	1.20	83.5	30.0	7.0	65.5	8.2	4.65	2339	3.87	2.81
1381	DP 0949B2RF	5.00	1.15	83.9	30.5	7.1	64.5	7.0	5.00	2185	4.22	2.98
1404	PHY 499WRF	5.00	1.20	83.7	29.5	7.2	65.0	7.4	5.00	2035	3.57	3.04
1326	PHY 375WRF	4.60	1.10	82.6	29.0	6.5	63.0	7.3	4.40	2175	3.55	3.33
1396	DP 1048B2RF	.	.	.	.	.	.	.	.	2082	4.08	2.96
1376	ST 5458B2RF	5.00	1.15	81.9	29.0	6.6	64.0	7.7	5.05	2273	3.62	2.99
1345	AMERICOT 1550B2RF	4.40	1.10	83.3	27.0	6.5	66.0	7.7	4.45	2197	3.71	2.86
1365	FM 1740B2RF	4.50	1.15	82.8	29.5	6.5	66.5	7.2	4.60	2252	4.11	2.94
1414	DG 2450B2RF	4.30	1.20	83.6	27.5	6.5	66.0	7.0	4.25	2334	2.58	2.85
1270	DP 555BG/RR	4.80	1.15	82.0	28.0	6.1	69.5	6.8	4.75	2013	3.80	3.00
1412	DP 0912B2RF	4.75	1.10	82.6	28.5	7.1	64.0	7.3	4.80	2239	3.90	2.80
1323	STV 4554B2RF	4.80	1.20	82.1	29.0	8.1	66.0	8.1	5.00	2237	4.02	2.80
1391	ST 5288B2RF	4.70	1.15	81.8	27.0	6.8	64.5	6.6	4.65	1984	3.35	2.74
1344	FM 9058F	4.15	1.20	82.3	28.5	5.8	66.5	6.9	4.25	2139	4.06	2.90
1166	PHYTOGEN 72	4.50	1.20	82.5	31.0	6.8	64.0	8.0	4.50	1949	3.48	3.20
.	LSD	0.40	0.10	1.2	1.8	0.3	4.2	0.8	0.33	310	0.93	0.44

		---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
VARIETY CODE (microns)	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t
1392	DG 2570B2RF	0.64	0.97	1.61	.	.	.	.	.	.	.
1397	DP 1050B2RF	0.60	0.87	1.47	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.58	1.04	1.61	.	.	.	.	.	.	.
1389	PHY 565WRF	0.56	0.86	1.42	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.47	0.68	1.15	.	.	.	.	.	.	.
1404	PHY 499WRF	0.52	0.89	1.41	.	.	.	.	.	.	.
1326	PHY 375WRF	0.60	0.89	1.48	425	15.8	1.46	95	42.99	3.92	3.1
1396	DP 1048B2RF	0.62	0.92	1.54	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.55	0.99	1.54	.	.	.	.	.	.	.
1345	AMERICOT 1550B2RF	0.61	1.01	1.62	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.50	0.69	1.19	.	.	.	.	.	.	.
1414	DG 2450B2RF	0.62	0.95	1.57	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.52	0.74	1.26	402	10.8	1.33	100	41.34	3.98	3.4
1412	DP 0912B2RF	0.57	0.88	1.45	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.55	0.89	1.43	395	13.5	1.40	97	44.32	4.34	3.4
1391	ST 5288B2RF	0.58	0.89	1.47	.	.	.	.	.	.	.
1344	FM 9058F	0.49	0.55	1.04	452	23.3	1.63	89	45.08	3.86	2.8
1166	PHYTOGEN 72	0.45	0.69	1.14	430	17.3	1.49	94	43.54	3.93	3.0
.	LSD	0.08	0.08	0.21	31.9	5.4	0.15	6	4.98	0.64	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 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	E1 (%)
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1396	DP 1048B2RF	3.52
4.37											
1389	PHY 565WRF	3.68
3.92											
1397	DP 1050B2RF	3.98
4.33											
1365	FM 1740B2RF	4.09
3.92											
1326	PHY 375WRF	.	.	.	.	.	.	.	.	.	3.37
4.09											
1412	DP 0912B2RF	.	.	.	.	.	.	.	.	.	3.70
3.68											
1391	ST 5288B2RF	.	.	.	.	.	.	.	.	.	3.23
3.89											
1376	ST 5458B2RF	.	.	.	.	.	.	.	.	.	3.41
3.80											
1387	ST 4288B2RF	.	.	.	.	.	.	.	.	.	3.57
3.79											
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	.	3.95
3.89											
1381	DP 0949B2RF	.	.	.	.	.	.	.	.	.	2.70
3.95											
1414	DG 2450B2RF	.	.	.	.	.	.	.	.	.	3.50
4.01											
1344	FM 9058F	.	.	.	.	.	.	.	.	.	3.66
3.71											
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	2.59
4.24											
0.24	LSD	.	.	.	.	.	.	.	.	.	1.01

---GOSSYPOL LEVELS---

-----AREALOMETER DATA-----

VARIETY CODE (microns)	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D I	M (%)	p (microns)	w (mg/in)	t
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1270	DP 555BG/RR	0.44	0.61	1.04
1404	PHY 499WRF	0.53	0.85	1.38
1345	AMERICOT 1550B2RF	0.60	0.86	1.46
1392	DG 2570B2RF	0.48	0.71	1.19	.	.	.	.	.	.	.
1396	DP 1048B2RF	0.50	0.73	1.23	.	.	.	.	.	.	.
1389	PHY 565WRF	0.48	0.68	1.16	.	.	.	.	.	.	.
1397	DP 1050B2RF	0.49	0.71	1.20	.	.	.	.	.	.	.
1365	FM 1740B2RF	0.47	0.59	1.05	.	.	.	.	.	.	.
1326	PHY 375WRF	0.53	0.68	1.21	.	.	.	.	.	.	.
1412	DP 0912B2RF	0.50	0.69	1.18	.	.	.	.	.	.	.
1391	ST 5288B2RF	0.58	0.82	1.40	.	.	.	.	.	.	.
1376	ST 5458B2RF	0.48	0.78	1.26	.	.	.	.	.	.	.
1387	ST 4288B2RF	0.54	0.93	1.46	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.49	0.76	1.25	.	.	.	.	.	.	.
1381	DP 0949B2RF	0.48	0.60	1.07	.	.	.	.	.	.	.
1414	DG 2450B2RF	0.46	0.66	1.11
1344	FM 9058F	0.50	0.52	1.02
1166	PHYTOGEN 72	0.40	0.54	0.94
.	LSD	0.07	0.07	0.16

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2010 National Cotton Variety Test

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**National Cotton Variety Tests, 2010
Yield, Boll, Seed, Spinning and Data**

2010 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETIES COMBINING LOCATIONS

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	2447	4.41	41.9	9.0	97	1.03	0.56	163	6.3
1313	PHY 485WRF	2216	4.01	39.1	8.7	96	1.05	0.59	195	8.0

1323	STV 4554B2RF	2141	4.32	40.2	9.3	96	1.08	0.60	166	9.4
1347	AM 1532B2F	2086	4.16	39.4	9.4	94	1.09	0.58	147	7.7
1270	DP 555BG/RR	2081	4.05	42.0	7.1	98	1.01	0.54	200	5.8
1367	DP 141B2F	2057	4.77	39.8	9.1	107	1.08	0.59	188	8.2
1166	PHYTOGEN 72	1897	4.85	38.0	10.1	119	1.10	0.59	234	6.5
1324	STV 5327B2RF	1486	4.09	40.5	8.6	101	1.07	0.58	218	7.2
1346	FM 835LLB2	615	5.14	36.6	10.1	.	.	.	.	.
1344	FM 9058F	489	5.16	39.7	10.6	.	.	.	.	.
.	LSD	724	0.24	0.8	0.5	12	0.05	0.02	55	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)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1326	PHY 375WRF	4.83	1.10	82.2	29.0	7.1	70.0	7.5	4.77	3420	3.27	3.57
1313	PHY 485WRF	4.92	1.08	83.1	30.8	8.0	68.3	7.9	4.92	3474	3.84	3.41
1323	STV 4554B2RF	5.23	1.10	82.0	30.3	8.1	69.8	8.0	5.20	3204	4.04	3.33
1347	AM 1532B2F	4.75	1.13	83.5	29.0	7.2	71.0	7.4	4.67	3228	3.71	3.20
1270	DP 555BG/RR	5.00	1.07	81.1	28.7	6.2	73.2	7.1	4.88	2893	3.60	3.52
1367	DP 141B2F	4.97	1.12	83.2	31.8	7.7	70.0	8.2	4.93	3121	3.76	3.35
1166	PHYTOGEN 72	4.87	1.17	83.3	33.2	7.2	69.3	8.7	4.77	3112	3.37	3.46
1324	STV 5327B2RF	4.82	1.10	82.7	30.2	7.4	69.0	8.2	4.72	2248	3.59	3.44
1346	FM 835LLB2	.	.	.	.	.	.	.	.	1104	.	.
1344	FM 9058F	.	.	.	.	.	.	.	.	749	.	.
.	LSD	0.28	0.05	1.0	1.2	0.2	3.8	0.4	0.26	1091	0.73	0.26

---GOSSYPOL LEVELS---												
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)	
1326	PHY 375WRF	0.58	0.83	1.41	416	14.0	1.41	97	42.44	3.96	3.2	
1313	PHY 485WRF	0.56	0.98	1.54	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.55	0.88	1.42	390	11.5	1.34	99	43.13	4.29	3.5	
1347	AM 1532B2F	0.65	0.90	1.55	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.40	0.57	0.98	414	9.0	1.28	102	38.80	3.64	3.3	
1367	DP 141B2F	0.68	0.86	1.54	.	.	.	.	.	.	.

1166 PHYTOGEN 72	0.46	0.66	1.12	423	13.4	1.39	97	41.33	3.78	3.1
1324 STV 5327B2RF	0.58	0.89	1.47	.	.	.	.	.	.	.
1346 FM 835LLB2	.	.	.	.	.	.	.	.	.	.
1344 FM 9058F	.	.	.	.	.	.	.	.	.	.
. LSD	0.06	0.08	0.13	30.1	8.2	0.21	8	7.74	0.90	0.3

LOCATIONS COMBINING VARIETIES -- CENTRAL REGION

LOCATION	LINT	BOLL	LINT	SEED	YARN	DIGITAL FIBROGRAPH		STELOMETER	
	YIELD	SIZE				PERCENT	INDEX	TENACITY	2.5% S.L.	50% S.L.	T1	E1
	(lb/acre)	(g/boll)			(mN/TEX)	(inches)	(inches)	(mN/tex)	(%)
CHILLOCOTHE, TX	2681	.	41.2	.	.	.	.	.	.
WESLACO, TX	2459	4.61	40.1	9.0	109	1.09	0.59	194	7.1
BEEVILLE, TX	2379	4.19	39.3	9.1	94	1.04	0.58	179	7.9
COLLEGE STATION, TX	2308	4.16	39.6	8.9	102	1.07	0.57	197	6.9
BOSSIER CITY, LA	714	4.55	40.4	8.9	.	.	.	.	.

LOCATION	MICRO- NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)				E	COLORIMETER HUNTER'S		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
		2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	Rd		b					
CHILLOCOTHE, TX	.	.	.	.	.	.	.	.	3829	.	.
WESLACO, TX	4.94	1.14	83.4	30.7	7.3	74.4	8.7	4.85	3687	3.09	3.54	
BEEVILLE, TX	5.04	1.09	82.4	31.0	7.7	72.1	8.0	5.01	3662	3.69	3.56	
COLLEGE STATION, TX	4.75	1.11	82.3	29.4	6.9	64.4	7.0	4.66	3526	4.03	3.15	
BOSSIER CITY, LA	.	.	.	.	.	.	.	.	1085	.	.

---GOSSYPOL LEVELS--- -----AREALOMETER DATA-----
 PLUS MINUS TOTAL A D M p w t

LOCATION	(+)	(-)	(%)	--- (mm2/mm3) ---		I	(%)	(microns)	(mg/in)	(microns)
CHILLOCOTHE, TX	.	.	.	.	.	.	.	.	.	.
WESLACO, TX	0.60	0.86	1.46	413	11.8	1.35	99	40.97	3.84	3.2
BEEVILLE, TX	0.51	0.78	1.29	406	13.3	1.39	98	43.10	4.13	3.3
COLLEGE STATION, TX	0.57	0.81	1.38	419	10.9	1.32	100	39.66	3.66	3.3
BOSSIER CITY, LA	.	.	.	.	.	.	.	.	.	.

LOCATION=CHILLOCOTHE, TX

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD (lb/acre)	SIZE (g/boll)			TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1326	PHY 375WRF	2927	.	43.6	.	.	.	.	.	.
1323	STV 4554B2RF	2668	.	41.2	.	.	.	.	.	.
1270	DP 555BG/RR	2667	.	41.6	.	.	.	.	.	.
1347	AM 1532B2F	2582	.	40.8	.	.	.	.	.	.
1166	PHYTOGEN 72	2560	.	38.5	.	.	.	.	.	.
.	LSD	411	.	0.8	.	.	.	.	.	.

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

VARIETY CODE	VARIETY NAME	MICRO- NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)			SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)				COLORIMETER HUNTER'S Rd	MICRO- NAIRE (Reading)
1326	PHY 375WRF	.	.	.	.	3784	.	.
1323	STV 4554B2RF	.	.	.	.	3805	.	.
1270	DP 555BG/RR	.	.	.	.	3729	.	.
1347	AM 1532B2F	.	.	.	.	3743	.	.
1166	PHYTOGEN 72	.	.	.	.	4083	.	.
.	LSD	.	.	.	.	557	.	.

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

LOCATION=COLLEGE STATION, TX

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD (lb/acre)	SIZE (g/boll)			TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1326	PHY 375WRF	2793	4.14	41.2	8.9	97	1.00	0.56	142	5.5
1313	PHY 485WRF	2770	4.05	38.7	8.6	97	1.08	0.59	211	6.9
1324	STV 5327B2RF	2749	3.96	39.7	8.9	97	1.10	0.57	216	7.2
1347	AM 1532B2F	2269	4.14	38.5	9.6	88	1.10	0.56	184	6.9
1323	STV 4554B2RF	2108	4.19	39.2	9.4	105	1.05	0.60	221	9.5
1367	DP 141B2F	2002	4.58	39.6	9.2	108	1.10	0.59	165	6.9
1270	DP 555BG/RR	1966	3.71	42.3	6.9	94	1.00	0.51	191	5.9
1166	PHYTOGEN 72	1811	4.56	37.4	9.8	129	1.10	0.58	245	6.2
.	LSD	494	0.60	0.5	0.5	5	0.03	0.03	83	0.7

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

VARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	E	COLORIMETER	MICRO-	SEED	OIL (%)	NITR OGEN (%)
		NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)		HUNTER'S	NAIRE (Reading)	YIELD (lb/ac)		

1326	PHY 375WRF	4.90	1.10	81.6	28.0	6.7	60.0	6.5	4.75	3977	4.06	3.22
1313	PHY 485WRF	4.60	1.10	83.1	30.0	7.5	60.5	7.1	4.55	4396	4.27	3.24
1324	STV 5327B2RF	4.65	1.10	82.7	29.5	7.1	63.5	7.3	4.55	4183	3.86	3.23
1347	AM 1532B2F	4.60	1.10	83.1	27.5	6.7	64.5	6.5	4.55	3616	3.67	2.93
1323	STV 4554B2RF	5.00	1.10	80.9	30.0	7.9	66.0	7.5	5.00	3268	4.17	3.18
1367	DP 141B2F	4.75	1.10	83.5	30.0	7.1	65.5	7.3	4.75	3057	4.15	3.08
1270	DP 555BG/RR	4.85	1.05	81.0	28.5	5.8	69.0	6.8	4.65	2677	4.40	3.22
1166	PHYTOGEN 72	4.65	1.20	82.9	32.0	6.8	66.0	7.5	4.50	3036	3.72	3.15
.	LSD	0.47	0.07	1.9	2.2	0.4	6.1	1.0	0.49	739	0.91	0.22

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1326	PHY 375WRF	0.56	0.77	1.33	415	14.8	1.43	96	43.19	4.03	3.2
1313	PHY 485WRF	0.55	0.94	1.49	.	.	.	.	.	.	.
1324	STV 5327B2RF	0.61	0.92	1.52	.	.	.	.	.	.	.
1347	AM 1532B2F	0.70	0.86	1.56	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.55	0.89	1.44	400	5.5	1.18	105	36.99	3.57	3.6
1367	DP 141B2F	0.70	0.90	1.60	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.42	0.59	1.01	438	8.0	1.25	103	35.84	3.16	3.2
1166	PHYTOGEN 72	0.47	0.67	1.13	424	15.3	1.44	96	42.64	3.89	3.1
.	LSD	0.11	0.11	0.18	59.8	0.9	0.02	3	5.68	1.05	0.4

LOCATION=WESLACO, TX

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD (lb/acre)	SIZE (g/boll)			TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1326	PHY 375WRF	3227	4.87	41.1	9.6	103	1.10	0.58	204	6.8
1313	PHY 485WRF	3194	4.26	39.9	8.8	99	1.08	0.60	209	7.9
1367	DP 141B2F	2760	4.98	40.5	9.5	117	1.10	0.61	186	8.8
1166	PHYTOGEN 72	2749	5.21	38.2	9.7	128	1.10	0.60	226	5.8
1270	DP 555BG/RR	2651	4.15	41.3	7.3	99	1.03	0.56	206	5.7

1347	AM 1532B2F	2631	4.41	39.1	9.6	104	1.10	0.60	106	7.7
1324	STV 5327B2RF	0	4.38	40.5	8.9	112	1.10	0.61	221	6.9
.	LSD	463	0.77	0.4	0.3	10	0.05	0.02	72	1.0

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)												
VARIETY	VARIETY	MICRO-	2.5%	UNIFO-	STRE-	COLORIMETER			MICRO-	SEED	OIL	NITR
CODE	NAME	NAIRE	S.L.	MITY	NGTH	E	Rd	HUNTER'S	NAIRE	YIELD	(%)	OGEN
		(reading)	(in.)	(%)	(g/tex)			b	(Reading)	(lb/ac)		(%)
1326	PHY 375WRF	4.55	1.10	82.6	29.0	7.0	77.0	8.4	4.50	4627	2.61	3.79
1313	PHY 485WRF	5.05	1.10	83.4	30.5	8.0	73.0	8.6	5.05	4806	3.60	3.38
1367	DP 141B2F	5.20	1.15	83.9	33.0	8.0	72.0	9.1	5.10	4046	3.39	3.46
1166	PHYTOGEN 72	5.05	1.20	84.1	33.0	7.3	72.0	9.6	4.95	4451	3.33	3.36
1270	DP 555BG/RR	5.00	1.10	81.7	29.0	6.3	76.0	7.7	4.90	3774	2.26	3.81
1347	AM 1532B2F	4.80	1.20	84.3	30.0	7.3	76.0	8.4	4.65	4105	3.34	3.48
1324	STV 5327B2RF	4.95	1.10	83.7	30.5	7.3	74.5	9.2	4.80	0	3.14	3.50
.	LSD	0.35	0.07	1.2	2.1	0.4	3.0	1.2	0.50	695	0.77	0.40

---GOSSYPOL LEVELS---												
---GOSSYPOL LEVELS---					-----AREALOMETER DATA-----							
VARIETY	VARIETY	PLUS	MINUS	TOTAL	A	D	I		M	p	w	t
CODE	NAME	(+)	(-)	(%)	--- (mm2/mm3) ---			(%)	(microns)	(mg/in)	(microns)	
1326	PHY 375WRF	0.66	0.93	1.59	428	16.5	1.47	94	42.99	3.89	3.0	
1313	PHY 485WRF	0.61	1.07	1.68	.	.	.	.	.	.	.
1367	DP 141B2F	0.74	0.92	1.66	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.52	0.70	1.22	414	10.3	1.31	100	39.80	3.72	3.3	
1270	DP 555BG/RR	0.39	0.54	0.92	397	8.8	1.27	102	40.12	3.91	3.5	
1347	AM 1532B2F	0.67	0.98	1.65	.	.	.	.	.	.	.
1324	STV 5327B2RF	0.62	0.92	1.54	.	.	.	.	.	.	.
.	LSD	0.07	0.07	0.15	74.4	17.9	0.45	17	6.74	0.52	1.1	

LOCATION=BOSSIER CITY, LA

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD (lb/acre)	SIZE (g/boll)			TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1367	DP 141B2F	907	5.07	40.2	8.7	.	.	.	.	.
1324	STV 5327B2RF	824	4.00	42.0	8.0	.	.	.	.	.
1323	STV 4554B2RF	823	4.46	41.1	8.7	.	.	.	.	.
1326	PHY 375WRF	814	4.23	43.0	8.2	.	.	.	.	.
1313	PHY 485WRF	763	3.89	40.1	8.4	.	.	.	.	.
1270	DP 555BG/RR	734	4.26	42.1	7.0	.	.	.	.	.
1347	AM 1532B2F	709	4.26	40.0	9.0	.	.	.	.	.
1346	FM 835LLB2	615	5.14	36.6	10.1	.	.	.	.	.
1344	FM 9058F	489	5.16	39.7	10.6	.	.	.	.	.
1166	PHYTOGEN 72	468	5.01	39.2	10.4	.	.	.	.	.
.	LSD	142	0.25	1.7	0.3	.	.	.	.	.

VARIETY CODE	VARIETY NAME	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
		MICRO- NAIRE (reading)	2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1367	DP 141B2F	.	.	.	.	.	.	.	.	1386	.	.
1324	STV 5327B2RF	.	.	.	.	.	.	.	.	1209	.	.
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	1197	.	.
1326	PHY 375WRF	.	.	.	.	.	.	.	.	1131	.	.
1313	PHY 485WRF	.	.	.	.	.	.	.	.	1174	.	.
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	1044	.	.
1347	AM 1532B2F	.	.	.	.	.	.	.	.	1125	.	.
1346	FM 835LLB2	.	.	.	.	.	.	.	.	1104	.	.
1344	FM 9058F	.	.	.	.	.	.	.	.	749	.	.
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	733	.	.
.	LSD	.	.	.	.	.	.	.	.	293	.	.

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

1367	DP 141B2F	.	.	.	.	.	.	.	.	.	.
1324	STV 5327B2RF	.	.	.	.	.	.	.	.	.	.
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	.	.
1326	PHY 375WRF	.	.	.	.	.	.	.	.	.	.
1313	PHY 485WRF	.	.	.	.	.	.	.	.	.	.
1270	DP 555BG/RR	.	.	.	.	.	.	.	.	.	.
1347	AM 1532B2F	.	.	.	.	.	.	.	.	.	.
1346	FM 835LLB2	.	.	.	.	.	.	.	.	.	.
1344	FM 9058F	.	.	.	.	.	.	.	.	.	.
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	.
.	LSD	.	.	.	.	.	.	.	.	.	.

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)	50% S.L. (inches)	STELOMETER T1 (mN/tex)	E1 (%)
1323	STV 4554B2RF	2965	4.31	39.5	9.9	88	1.10	0.61	111	9.3
1367	DP 141B2F	2557	4.46	39.0	9.0	97	1.05	0.58	214	8.9
1326	PHY 375WRF	2473	4.40	40.8	9.2	92	1.00	0.56	145	6.7
1270	DP 555BG/RR	2385	4.08	42.4	7.2	101	1.00	0.56	204	5.9
1324	STV 5327B2RF	2373	4.01	39.7	8.6	93	1.00	0.56	216	7.6
1347	AM 1532B2F	2241	3.83	38.7	9.5	89	1.08	0.57	152	8.7
1313	PHY 485WRF	2138	3.85	37.8	9.0	93	1.00	0.60	165	9.2
1166	PHYTOGEN 72	1899	4.61	36.8	10.3	101	1.10	0.60	231	7.5
.	LSD	673	0.49	0.5	0.9	12	0.06	0.03	94	0.9

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

VARIETY	VARIETY	MICRO-NAIRE	2.5% S.L.	UNIFO-MITY	STRE-NGTH	COLORIMETER HUNTER'S	MICRO-NAIRE	SEED YIELD	OIL	NITR OGEN
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CODE	NAME	(reading)	(in.)	(%)	(g/tex)	E	Rd	b	(Reading)	(lb/ac)	(%)	(%)
1323	STV 4554B2RF	5.45	1.10	83.1	30.5	8.3	73.5	8.5	5.40	4548	3.91	3.47
1367	DP 141B2F	4.95	1.10	82.4	32.5	7.9	72.5	8.3	4.95	3996	3.74	3.52
1326	PHY 375WRF	5.05	1.10	82.4	30.0	7.5	73.0	7.7	5.05	3583	3.14	3.71
1270	DP 555BG/RR	5.15	1.05	80.6	28.5	6.7	74.5	6.9	5.10	3239	4.16	3.54
1324	STV 5327B2RF	4.85	1.10	81.8	30.5	7.8	69.0	8.1	4.80	3599	3.76	3.59
1347	AM 1532B2F	4.85	1.10	83.2	29.5	7.6	72.5	7.5	4.80	3552	4.12	3.20
1313	PHY 485WRF	5.10	1.05	82.8	32.0	8.4	71.5	8.2	5.15	3521	3.65	3.61
1166	PHYTOGEN 72	4.90	1.10	82.9	34.5	7.5	70.0	9.1	4.85	3258	3.06	3.87
.	LSD	0.40	0.08	2.1	2.5	0.7	3.2	1.9	0.44	980	0.78	0.22

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1323	STV 4554B2RF	0.54	0.86	1.40	381	17.5	1.49	94	49.27	5.01	3.4
1367	DP 141B2F	0.60	0.77	1.37	.	.	.	.	.	.	.
1326	PHY 375WRF	0.53	0.78	1.31	405	10.8	1.33	100	41.13	3.95	3.4
1270	DP 555BG/RR	0.41	0.60	1.00	406	10.3	1.31	101	40.44	3.85	3.4
1324	STV 5327B2RF	0.53	0.83	1.36	.	.	.	.	.	.	.
1347	AM 1532B2F	0.57	0.87	1.44	.	.	.	.	.	.	.
1313	PHY 485WRF	0.52	0.94	1.46	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.40	0.60	1.00	431	14.8	1.43	96	41.56	3.73	3.1
.	LSD	0.05	0.05	0.09	63.0	2.8	0.08	4	8.93	1.53	0.6

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2010 DELTA REGIONAL COTTON VARIETY TEST

VARIETIES COMBINING LOCATIONS

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL FIBROGRAPH		STELOMETER	
							2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1376	ST 5458B2RF	1435	4.96	42.7	10.4	109	1.10	0.60	211	6.8
1326	PHY 375WRF	1168	4.40	41.6	9.5	117	1.09	0.59	183	6.8

1345	AMERICOT 1550B2RF	1111	4.81	41.1	10.2	115	1.09	0.57	160	7.0
1358	FM 1740B2F	1111	4.70	42.6	10.7	115	1.10	0.58	198	6.4
1364	DP 135B2RF	1105	4.68	43.2	10.0	109	1.10	0.60	222	7.8
1409	DP 0924B2RF	1082	4.52	42.0	9.9	115	1.10	0.58	202	7.6
1270	DP 555BG/RR	943	3.96	42.0	8.2	102	1.10	0.56	192	5.6
1323	STV 4554B2RF	896	4.49	40.9	10.3	109	1.10	0.61	194	9.1
1344	FM 9058F	867	4.72	42.8	11.3	132	1.15	0.60	209	5.8
1166	PHYTOGEN 72	715	4.91	39.5	10.8	131	1.13	0.61	199	7.6
.	LSD	258	0.49	3.8	0.8	29	0.05	0.04	68	1.2

VARIETY CODE	VARIETY NAME	MICRO- NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)						SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)	
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	Rd	COLORIMETER HUNTER'S b (Reading)				MICRO- NAIRE (Reading)
1376	ST 5458B2RF	5.50	1.20	85.1	34.0	7.5	74.0	8.7	5.50	1941	3.91	2.83
1326	PHY 375WRF	4.73	1.18	84.1	32.3	7.2	73.5	7.9	4.75	1649	2.74	3.54
1345	AMERICOT 1550B2RF	4.98	1.13	83.2	30.3	7.2	72.5	8.9	5.03	1568	3.19	3.04
1358	FM 1740B2F	5.20	1.18	83.8	32.5	7.1	72.3	8.1	5.28	1490	3.08	3.30
1364	DP 135B2RF	4.65	1.18	83.6	31.8	7.2	72.0	8.4	4.85	1458	3.34	3.21
1409	DP 0924B2RF	5.15	1.18	84.5	32.0	7.4	72.0	7.7	5.08	1534	2.91	3.13
1270	DP 555BG/RR	4.82	1.15	83.0	32.0	6.6	77.0	7.2	4.80	1261	3.67	3.23
1323	STV 4554B2RF	5.00	1.17	84.1	33.8	8.4	72.7	8.7	5.05	1303	3.48	3.03
1344	FM 9058F	4.63	1.20	84.4	33.0	6.4	75.8	7.5	4.78	1183	3.36	3.18
1166	PHYTOGEN 72	5.18	1.18	84.5	36.5	7.7	70.5	8.8	5.20	1094	3.03	3.26
.	LSD	0.33	0.08	1.6	2.2	0.6	2.1	0.4	0.24	438	0.66	0.25

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1376	ST 5458B2RF	0.64	1.03	1.66	.	.	.	.	.	.	.
1326	PHY 375WRF	0.49	0.64	1.13	417	18.3	1.51	93	45.48	4.22	3.1
1345	AMERICOT 1550B2RF	0.55	0.88	1.43	.	.	.	.	.	.	.
1358	FM 1740B2F	0.46	0.59	1.04	.	.	.	.	.	.	.
1364	DP 135B2RF	0.48	0.57	1.04	.	.	.	.	.	.	.
1409	DP 0924B2RF	0.56	0.79	1.35	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.40	0.56	0.96	419	20.8	1.56	91	46.76	4.32	3.0

1323	STV 4554B2RF	0.48	0.79	1.27	402	18.5	1.51	93	47.24	4.55	3.2
1344	FM 9058F	0.42	0.41	0.83	423	18.6	1.52	93	45.04	4.13	3.0
1166	PHYTOGEN 72	0.45	0.63	1.08	413	12.8	1.38	98	41.82	3.92	3.2
.	LSD	0.08	0.15	0.23	37.4	6.9	0.15	6	3.04	0.53	0.4

LOCATIONS COMBINING VARIETIES

LOCATION	LINT	BOLL	LINT	SEED	YARN	DIGITAL FIBROGRAPH		STELOMETER	
	YIELD	SIZE			TENACITY	2.5% S.L.	50% S.L.	T1	E1
	(lb/acre)	(g/boll)	PERCENT	INDEX	(mN/TEX)	(inches)	(inches)	(mN/tex)	(%)
STONEVILLE, MS	1402	5.00	48.9	10.9	106	1.11	0.60	185	7.7
PORTAGEVILLE, MO	1364	.	37.4	.	.	.	.	.	.
KEISER, AR	666	4.00	41.3	10.0	126	1.10	0.58	209	6.4
SAINT JOSEPH, LA	665	4.75	39.6	9.4	112	1.10	0.59	189	6.9

LOCATION	MICRO- NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)				SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)			
		2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	COLORIMETER HUNTER'S Rd b (Reading)						
STONEVILLE, MS	5.02	1.18	84.7	32.9	7.2	74.9	8.1	5.06	1537	3.55	3.04
PORTAGEVILLE, MO	.	.	.	.	.	.	.	.	2279	.	.
KEISER, AR	4.87	1.16	83.2	32.5	7.2	71.1	8.2	4.94	866	2.77	3.36
SAINT JOSEPH, LA	4.95	1.13	83.2	33.5	7.9	76.0	7.8	4.95	1003	4.11	3.18

LOCATION	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
STONEVILLE, MS	0.57	0.77	1.34	412	13.8	1.40	97	42.71	4.02	3.2

PORTAGEVILLE, MO	.	.	.	.	.	.	.	.	.	.
KEISER, AR	0.38	0.55	0.93	413	20.4	1.56	91	47.28	4.42	3.1
SAINT JOSEPH, LA	0.46	0.72	1.18	421	23.1	1.62	89	48.35	4.45	2.9

INDIVIDUAL LOCATION DATA
LOCATION=SAINT JOSEPH, 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 (%)
1358	FM 1740B2F	872	5.13	41.3	10.2	.	.	.	.	.
1326	PHY 375WRF	861	4.60	41.4	9.0	.	.	.	.	.
1376	ST 5458B2RF	825	4.61	40.4	9.5	.	.	.	.	.
1270	DP 555BG/RR	721	4.25	41.5	7.3	122	1.10	0.57	162	4.9
1345	AMERICOT 1550B2RF	647	4.82	37.4	9.6	.	.	.	.	.
1364	DP 135B2RF	629	4.99	41.4	9.5	.	.	.	.	.
1409	DP 0924B2RF	629	4.38	40.1	8.6	.	.	.	.	.
1344	FM 9058F	618	5.26	38.8	11.1	.	.	.	.	.
1323	STV 4554B2RF	502	4.60	38.8	9.4	103	1.10	0.60	216	8.9
1166	PHYTOGEN 72	342	4.89	35.3	10.3	.	.	.	.	.
.	LSD	85	0.23	2.3	0.5	13	.	0.00	559	5.2

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)	E	COLORIMETER HUNTER'S Rd	MICRO-NAIRE (Reading) b	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1358	FM 1740B2F	.	.	.	.	.	.	.	1239	.	.
1326	PHY 375WRF	.	.	.	.	.	.	.	1220	.	.
1376	ST 5458B2RF	.	.	.	.	.	.	.	1220	.	.
1270	DP 555BG/RR	4.80	1.15	82.9	32.5	7.0	78.5	6.9	4.80	1016	4.33 3.26

1345	AMERICOT 1550B2RF	.	.	.	.	.	.	.	.	1102	.	.
1364	DP 135B2RF	.	.	.	.	.	.	.	.	891	.	.
1409	DP 0924B2RF	.	.	.	.	.	.	.	.	940	.	.
1344	FM 9058F	.	.	.	.	.	.	.	.	977	.	.
1323	STV 4554B2RF	5.10	1.10	83.5	34.5	8.7	73.5	8.8	5.10	793	3.90	3.11
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	629	.	.
.	LSD	2.54	0.64	7.6	0.0	.	0.0	2.6	2.54	165	3.14	0.44

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----							
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)	
1358	FM 1740B2F	.	.	.	.	.	.	.	.	.	.	.
1326	PHY 375WRF	.	.	.	.	.	.	.	.	.	.	.
1376	ST 5458B2RF	.	.	.	.	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.41	0.59	1.00	438	23.8	1.64	88	46.83	4.13	2.8	
1345	AMERICOT 1550B2RF	.	.	.	.	.	.	.	.	.	.	.
1364	DP 135B2RF	.	.	.	.	.	.	.	.	.	.	.
1409	DP 0924B2RF	.	.	.	.	.	.	.	.	.	.	.
1344	FM 9058F	.	.	.	.	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.52	0.85	1.37	405	22.5	1.61	89	49.88	4.77	3.1	
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	.	.
.	LSD	0.14	0.14	0.26	31.8	38.3	0.83	38	25.16	2.16	0.6	

LOCATION=STONEVILLE, MS

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD (lb/acre)	SIZE (g/boll)			TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1376	ST 5458B2RF	1880	5.31	51.3	11.4	109	1.10	0.60	211	6.8
1270	DP 555BG/RR	1703	4.41	44.0	9.7	63	1.10	0.58	214	6.8
1364	DP 135B2RF	1533	5.12	51.0	10.7	103	1.10	0.63	211	8.4

1409	DP 0924B2RF	1514	5.25	50.0	11.2	106	1.10	0.58	175	8.8
1326	PHY 375WRF	1454	4.42	42.9	9.9	109	1.08	0.61	167	8.0
1345	AMERICOT 1550B2RF	1399	4.98	46.4	11.0	117	1.10	0.60	162	7.8
1358	FM 1740B2F	1394	5.06	49.3	11.4	113	1.10	0.59	172	7.4
1344	FM 9058F	1105	4.95	56.1	11.8	116	1.20	0.61	233	6.4
1323	STV 4554B2RF	1096	5.15	47.3	11.1	104	1.10	0.63	130	9.2
1166	PHYTOGEN 72	940	5.40	50.5	11.0	118	1.15	0.60	175	8.0
.	LSD	157	0.87	11.5	0.7	54	0.06	0.07	115	2.2

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)	E	Rd	COLORIMETER HUNTER'S b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1376	ST 5458B2RF	5.50	1.20	85.1	34.0	7.5	74.0	8.7	5.50	1818	3.91	2.83
1270	DP 555BG/RR	4.80	1.20	84.0	32.0	6.5	77.5	7.0	4.80	2169	3.47	3.17
1364	DP 135B2RF	4.90	1.20	85.0	32.0	7.2	74.5	8.5	5.00	1537	3.46	3.14
1409	DP 0924B2RF	5.25	1.20	85.0	33.0	7.5	75.0	7.7	5.15	1609	3.11	2.91
1326	PHY 375WRF	4.70	1.15	84.3	32.5	7.3	76.0	7.8	4.75	1946	2.97	3.30
1345	AMERICOT 1550B2RF	5.00	1.15	84.5	31.0	7.4	75.0	8.9	5.00	1693	3.73	2.99
1358	FM 1740B2F	5.15	1.20	85.1	33.0	7.1	73.5	8.0	5.20	1437	3.42	3.22
1344	FM 9058F	4.50	1.20	84.9	33.5	6.5	77.5	7.5	4.75	969	4.15	2.92
1323	STV 4554B2RF	5.05	1.20	84.8	32.5	8.0	74.0	8.5	5.05	1229	3.77	2.87
1166	PHYTOGEN 72	5.35	1.15	84.2	35.0	7.4	71.5	8.9	5.40	966	3.47	3.05
.	LSD	0.46	0.09	1.8	2.8	0.7	4.3	0.7	0.62	569	0.84	0.25

		---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----							
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A	D	M	p	w	t		
					--- (mm2/mm3) ---			I	(%)	(microns)	(mg/in)	(microns)
1376	ST 5458B2RF	0.64	1.03	1.66	.	.	.	.	.	.
1270	DP 555BG/RR	0.47	0.59	1.05	390	12.5	1.37	98	44.08	4.37	3.4	
1364	DP 135B2RF	0.59	0.68	1.26	.	.	.	.	.	.	.
1409	DP 0924B2RF	0.66	0.91	1.57	.	.	.	.	.	.	.
1326	PHY 375WRF	0.63	0.81	1.44	426	15.3	1.44	96	42.47	3.86	3.1	
1345	AMERICOT 1550B2RF	0.60	0.87	1.47	.	.	.	.	.	.	.
1358	FM 1740B2F	0.53	0.68	1.21	.	.	.	.	.	.	.
1344	FM 9058F	0.53	0.51	1.03	435	17.5	1.49	94	42.97	3.82	3.0	

1323	STV 4554B2RF	0.56	0.86	1.42	394	12.5	1.37	98	43.68	4.29	3.4
1166	PHYTOGEN 72	0.56	0.77	1.33	414	11.0	1.33	100	40.38	3.78	3.3
.	LSD	0.11	0.11	0.32	18.8	10.8	0.26	11	6.47	0.50	0.4

LOCATION=PORTAGEVILLE, MO

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)	E1 (%)
1345	AMERICOT 1550B2RF	1609	.	38.8	.	.	.	.	.	.
1376	ST 5458B2RF	1600	.	36.5	.	.	.	.	.	.
1326	PHY 375WRF	1561	.	38.3	.	.	.	.	.	.
1323	STV 4554B2RF	1528	.	37.3	.	.	.	.	.	.
1358	FM 1740B2F	1447	.	37.8	.	.	.	.	.	.
1364	DP 135B2RF	1436	.	38.3	.	.	.	.	.	.
1409	DP 0924B2RF	1433	.	36.8	.	.	.	.	.	.
1344	FM 9058F	1255	.	37.3	.	.	.	.	.	.
1166	PHYTOGEN 72	914	.	34.0	.	.	.	.	.	.
1270	DP 555BG/RR	859	.	39.3	.	.	.	.	.	.
.	LSD	152	.	2.5	.	.	.	.	.	.

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)	E	RD	COLORIMETER HUNTER'S b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	NITR OIL (%)	NITR OGEN (%)
1345	AMERICOT 1550B2RF	.	.	.	.	.	.	.	.	2546	.	.
1376	ST 5458B2RF	.	.	.	.	.	.	.	.	2785	.	.
1326	PHY 375WRF	.	.	.	.	.	.	.	.	2518	.	.
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	2573	.	.
1358	FM 1740B2F	.	.	.	.	.	.	.	.	2391	.	.
1364	DP 135B2RF	.	.	.	.	.	.	.	.	2318	.	.
1409	DP 0924B2RF	.	.	.	.	.	.	.	.	2465	.	.

1344 FM 9058F	.	.	.	.	.	.	.	.	2119	.	.
1166 PHYTOGEN 72	.	.	.	.	.	.	.	.	1748	.	.
1270 DP 555BG/RR	.	.	.	.	.	.	.	.	1328	.	.
. LSD	.	.	.	.	.	.	.	.	227	.	.

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1345 AMERICOT 1550B2RF
1376 ST 5458B2RF
1326 PHY 375WRF
1323 STV 4554B2RF
1358 FM 1740B2F
1364 DP 135B2RF
1409 DP 0924B2RF
1344 FM 9058F
1166 PHYTOGEN 72
1270 DP 555BG/RR
. LSD

 LOCATION=KEISER, AR

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD (lb/acre)	SIZE (g/boll)			TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1364 DP 135B2RF		824	3.94	42.3	9.8	115	1.10	0.57	233	7.2
1326 PHY 375WRF		795	4.18	43.7	9.7	126	1.10	0.58	199	5.5
1345 AMERICOT 1550B2RF		792	4.63	42.1	9.9	114	1.08	0.55	157	6.2
1409 DP 0924B2RF		751	3.94	41.0	9.8	125	1.10	0.59	229	6.4

1358	FM 1740B2F	730	3.93	42.0	10.6	118	1.10	0.57	224	5.4
1166	PHYTOGEN 72	665	4.45	38.1	11.2	145	1.10	0.63	223	7.3
1270	DP 555BG/RR	490	3.22	43.2	7.5	122	1.10	0.54	201	5.1
1344	FM 9058F	490	3.97	38.9	11.0	147	1.10	0.59	184	5.3
1323	STV 4554B2RF	457	3.73	40.4	10.4	121	1.10	0.61	236	9.3
.	LSD	135	0.54	0.9	0.7	13	0.11	0.05	96	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)	E	COLORIMETER HUNTER'S		MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
							Rd	b				
1364	DP 135B2RF	4.40	1.15	82.1	31.5	7.1	69.5	8.4	4.70	1086	3.22	3.28
1326	PHY 375WRF	4.75	1.20	83.9	32.0	7.1	71.0	7.9	4.75	911	2.51	3.79
1345	AMERICOT 1550B2RF	4.95	1.10	82.0	29.5	7.0	70.0	9.0	5.05	930	2.65	3.10
1409	DP 0924B2RF	5.05	1.15	83.9	31.0	7.3	69.0	7.7	5.00	1121	2.72	3.35
1358	FM 1740B2F	5.25	1.15	82.6	32.0	7.2	71.0	8.2	5.35	893	2.74	3.38
1166	PHYTOGEN 72	5.00	1.20	84.8	38.0	8.1	69.5	8.7	5.00	1035	2.60	3.48
1270	DP 555BG/RR	4.85	1.10	82.2	31.5	6.5	75.0	7.6	4.80	531	3.21	3.28
1344	FM 9058F	4.75	1.20	84.0	32.5	6.3	74.0	7.5	4.80	667	2.57	3.45
1323	STV 4554B2RF	4.85	1.20	83.9	34.5	8.4	70.5	9.0	5.00	617	2.78	3.12
.	LSD	0.39	0.09	2.8	2.2	0.5	2.6	0.7	0.30	366	0.50	0.42

		---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A	D	M	p	w	t	
					--- (mm2/mm3) ---		I (%)	(microns)	(mg/in)	(microns)	
1364	DP 135B2RF	0.37	0.46	0.83	.	.	.	.	.	.
1326	PHY 375WRF	0.35	0.48	0.83	409	21.3	1.58	90	48.49	4.58	3.1
1345	AMERICOT 1550B2RF	0.51	0.89	1.40	.	.	.	.	.	.
1409	DP 0924B2RF	0.46	0.68	1.14	.	.	.	.	.	.
1358	FM 1740B2F	0.38	0.49	0.87	.	.	.	.	.	.
1166	PHYTOGEN 72	0.34	0.50	0.83	412	14.5	1.42	96	43.27	4.06	3.2
1270	DP 555BG/RR	0.32	0.51	0.82	428	26.0	1.68	87	49.38	4.47	2.9
1344	FM 9058F	0.32	0.32	0.64	412	19.8	1.55	92	47.10	4.43	3.1
1323	STV 4554B2RF	0.37	0.66	1.03	407	20.5	1.57	91	48.17	4.59	3.1
.	LSD	0.06	0.06	0.16	26.6	6.5	0.16	6	4.51	0.59	0.3

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2010 WESTERN REGIONAL COTTON VARIETY TEST

2010 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)	E1 (%)
1326	PHY 375WRF	1519	4.73	43.1	8.9	83	1.10	0.55	187	7.4

1413	FM 9170B2F	1485	5.09	40.7	10.7	114	1.10	0.55	206	7.3
1270	DP 555BG/RR	1460	4.53	42.5	8.8	88	1.09	0.54	173	6.6
1370	DP 161B2RF	1395	5.03	39.5	10.2	104	1.13	0.56	205	7.1
1323	STV 4554B2RF	1351	5.32	39.6	11.3	100	1.10	0.58	143	7.1
1344	FM 9058F	1333	4.89	40.9	9.6	102	1.12	0.56	156	6.8
1361	PHY 755WRF	1329	4.71	40.1	8.7	108	1.00	0.56	214	7.3
1166	PHYTOGEN 72	1309	5.11	39.9	10.8	110	1.11	0.59	229	7.0
.	LSD	308	0.30	3.9	.	25	0.12	0.06	76	2.4

VARIETY CODE	VARIETY NAME	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)				COLORIMETER HUNTER'S		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	RD	b				
1326	PHY 375WRF	4.98	1.10	81.4	28.0	7.6	78.5	8.5	4.93	1924	2.63	3.09
1413	FM 9170B2F	4.30	1.18	83.0	30.8	7.2	78.5	8.2	4.30	2049	3.08	2.98
1270	DP 555BG/RR	4.55	1.15	81.5	29.0	7.3	80.0	7.6	4.53	1874	3.16	3.12
1370	DP 161B2RF	4.68	1.18	83.0	31.0	7.6	79.3	8.0	4.60	2054	2.44	3.20
1323	STV 4554B2RF	5.05	1.15	82.4	32.0	8.1	75.3	8.2	4.98	2001	2.67	2.98
1344	FM 9058F	4.75	1.18	82.2	29.3	7.0	80.0	8.0	4.73	1856	2.79	3.00
1361	PHY 755WRF	4.68	1.18	82.8	31.3	8.0	77.0	8.4	4.55	1967	2.88	2.99
1166	PHYTOGEN 72	4.70	1.20	83.4	33.0	7.8	78.3	8.0	4.70	1864	2.83	3.04
.	LSD	0.77	0.12	1.4	4.2	1.5	4.4	0.9	0.63	345	0.75	0.44

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1326	PHY 375WRF	0.62	0.89	1.51	424	21.9	1.59	90	47.27	4.34	2.9
1413	FM 9170B2F	0.57	0.83	1.39	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.58	0.82	1.39	451	25.6	1.66	87	46.26	3.98	2.8
1370	DP 161B2RF	0.53	0.71	1.24	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.57	0.78	1.35	415	21.6	1.58	90	48.19	4.55	3.1
1344	FM 9058F	0.57	0.71	1.28	431	21.9	1.59	90	46.29	4.16	2.9
1361	PHY 755WRF	0.55	0.79	1.34	.	.	.	.	.	.	.

1166	PHYTOGEN 72	0.58	0.80	1.38	440	22.0	1.59	90	45.51	4.05	2.9
.	LSD	0.11	0.23	0.33	58.4	13.8	0.29	12	5.16	0.72	0.6

 2010 NCVT REGIONAL SUMMARIES BY LOCATIONS

LOCATION	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)	E1 (%)
UNIVERSITY PARK, NM	1878	5.40	44.8	.	104	1.12	0.57	182	6.8
PECOS, TX (IRR)	918	4.45	36.8	9.9	98	1.07	0.55	197	7.3

LOCATION	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)				SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)			
		2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E				COLORIMETER HUNTER'S RD	MICRO- NAIRE (Reading)	
UNIVERSITY PARK, NM	4.96	1.18	83.5	30.7	7.6	77.4	8.1	4.83	2316	2.31	3.15
PECOS, TX (IRR)	4.46	1.15	81.4	30.4	7.5	79.3	8.2	4.50	1581	3.31	2.95

LOCATION	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
UNIVERSITY PARK, NM	0.57	0.72	1.29	411	22.7	1.60	89	48.85	4.61	3.1
PECOS, TX (IRR)	0.57	0.86	1.42	453	22.5	1.60	89	44.56	3.82	2.8

LOCATION=UNIVERSITY PARK, 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)	E1 (%)
1413	FM 9170B2F	2081	5.51	45.6	.	115	1.10	0.57	201	7.3
1270	DP 555BG/RR	2042	5.02	46.8	.	98	1.11	0.53	177	6.5
1326	PHY 375WRF	2021	5.39	47.6	.	89	1.12	0.57	184	6.3
1370	DP 161B2RF	1872	5.38	43.6	.	107	1.22	0.60	206	7.5
1344	FM 9058F	1816	5.33	44.5	.	112	1.19	0.57	103	5.3
1166	PHYTOGEN 72	1790	5.62	43.5	.	109	1.10	0.61	235	7.0
1323	STV 4554B2RF	1765	5.75	45.1	.	87	1.11	0.58	114	7.3
1361	PHY 755WRF	1633	5.23	41.7	.	116	1.00	0.59	235	7.5
.	LSD	334	0.56	2.0	.	8	0.12	0.03	142	1.8

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)	SEED YIELD (lb/ac)	COLORIMETER HUNTER'S RD	b	MICRO- NAIRE (Reading)	OIL (%)	NITR OGEN (%)
1413	FM 9170B2F	4.35	1.20	84.2	30.0	7.1	78.5	8.0	4.35	2488	2.44 2.91
1270	DP 555BG/RR	4.70	1.15	82.5	28.5	6.8	79.5	7.1	4.60	2325	2.98 3.37
1326	PHY 375WRF	5.35	1.10	83.1	27.5	7.2	78.0	8.6	5.15	2231	1.87 3.31
1370	DP 161B2RF	5.20	1.20	84.2	32.5	8.0	78.5	7.9	5.00	2436	2.05 3.39
1344	FM 9058F	4.65	1.20	83.2	28.5	6.5	79.0	7.8	4.60	2282	2.41 3.16
1166	PHYTOGEN 72	5.15	1.20	84.1	33.5	8.2	75.0	8.2	5.05	2318	2.46 3.01
1323	STV 4554B2RF	5.50	1.10	82.9	31.0	8.7	76.0	8.5	5.30	2154	2.21 2.92
1361	PHY 755WRF	4.75	1.25	84.3	34.0	8.3	74.5	8.7	4.55	2296	2.04 3.13
.	LSD	0.28	0.08	1.2	2.4	0.6	1.7	0.3	0.35	492	0.46 0.40

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

1413	FM 9170B2F	0.60	0.83	1.43	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.59	0.75	1.33	443	30.0	1.75	84	49.29	4.32	2.8
1326	PHY 375WRF	0.64	0.86	1.50	400	21.5	1.59	90	49.79	4.82	3.1
1370	DP 161B2RF	0.47	0.61	1.07	.	.	.	.	.	.	.
1344	FM 9058F	0.56	0.54	1.10	429	25.5	1.67	87	48.80	4.41	2.9
1166	PHYTOGEN 72	0.57	0.74	1.30	409	17.0	1.48	95	45.33	4.29	3.2
1323	STV 4554B2RF	0.62	0.83	1.44	377	19.5	1.54	92	51.02	5.23	3.4
1361	PHY 755WRF	0.53	0.67	1.19	.	.	.	.	.	.	.
.	LSD	0.13	0.13	0.32	59.9	14.3	0.30	11	3.45	0.55	0.5

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 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	E1 (%)
1361	PHY 755WRF	1025	4.20	38.5	8.7	100	1.00	0.52	194	7.2
1326	PHY 375WRF	1017	4.08	38.6	8.9	78	1.08	0.54	191	8.6
1323	STV 4554B2RF	936	4.90	34.0	11.3	112	1.10	0.58	172	7.0
1370	DP 161B2RF	919	4.67	35.5	10.2	102	1.05	0.52	204	6.7
1413	FM 9170B2F	888	4.66	35.9	10.7	112	1.10	0.54	211	7.3
1270	DP 555BG/RR	879	4.05	38.2	8.8	78	1.08	0.56	170	6.8
1344	FM 9058F	850	4.45	37.3	9.6	93	1.05	0.56	209	8.4
1166	PHYTOGEN 72	827	4.60	36.3	10.8	110	1.13	0.57	223	6.9
.	LSD	493	1.00	5.7	2.4	12	0.13	0.05	92	1.8

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

VARIETY	VARIETY	MICRO NAIRE	2.5% S.L.	UNIFO- MITY	STRE- NGTH	COLORIMETER HUNTER'S	MICRO- NAIRE	SEED YIELD	OIL	NITR OGEN
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CODE	NAME	(reading)	(in.)	(%)	(g/tex)	E	RD	b	(Reading)	(lb/ac)	(%)	(%)
1361	PHY 755WRF	4.60	1.10	81.2	28.5	7.7	79.5	8.2	4.55	1637	3.72	2.86
1326	PHY 375WRF	4.60	1.10	79.8	28.5	8.0	79.0	8.5	4.70	1617	3.39	2.87
1323	STV 4554B2RF	4.60	1.20	82.0	33.0	7.5	74.5	7.9	4.65	1849	3.12	3.05
1370	DP 161B2RF	4.15	1.15	81.8	29.5	7.1	80.0	8.2	4.20	1671	2.84	3.01
1413	FM 9170B2F	4.25	1.15	81.8	31.5	7.4	78.5	8.4	4.25	1610	3.72	3.06
1270	DP 555BG/RR	4.40	1.15	80.5	29.5	7.8	80.5	8.1	4.45	1423	3.33	2.88
1344	FM 9058F	4.85	1.15	81.1	30.0	7.6	81.0	8.3	4.85	1429	3.18	2.84
1166	PHYTOGEN 72	4.25	1.20	82.8	32.5	7.4	81.5	7.9	4.35	1410	3.21	3.07
.	LSD	0.71	0.17	2.6	4.9	1.8	7.8	1.0	0.78	868	1.43	0.31

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1361	PHY 755WRF	0.58	0.91	1.49	.	.	.	.	.	.	.
1326	PHY 375WRF	0.59	0.93	1.52	449	22.3	1.60	90	44.75	3.86	2.8
1323	STV 4554B2RF	0.52	0.74	1.26	452	23.8	1.63	88	45.36	3.88	2.8
1370	DP 161B2RF	0.59	0.82	1.41	.	.	.	.	.	.	.
1413	FM 9170B2F	0.53	0.83	1.36	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.57	0.89	1.45	460	21.3	1.58	90	43.23	3.65	2.7
1344	FM 9058F	0.59	0.88	1.47	434	18.3	1.51	93	43.79	3.91	3.0
1166	PHYTOGEN 72	0.60	0.86	1.45	471	27.0	1.70	86	45.69	3.80	2.6
.	LSD	0.08	0.08	0.18	75.0	7.0	0.16	6	10.00	1.42	0.4

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**National Cotton Variety Tests, 2010
Yield, Boll, Seed, Spinning and Data**

2010 PIMA REGIONAL COTTON VARIETY TEST

2010 NATIONAL COTTON VARIETY TEST

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)	E1 (%)
1393	PHY 830	1537	2.84	43.1	12.0	154	1.35	0.67	309	9.4
1374	DP 357	1518	3.32	39.6	12.3	169	1.32	0.65	271	8.1

1300	COBALT	1416	3.05	38.6	12.0	171	1.32	0.69	318	8.0
1273	PHY 800	1206	3.15	38.2	13.2	172	1.36	0.68	293	7.7
1272	DP 340	606	3.93	40.9	.	164	1.32	0.63	326	7.9
615	PIMA S-7	481	3.17	40.0	.	158	1.31	0.64	339	8.0
1341	DP 353	469	3.11	39.8	.	88	1.15	0.67	335	8.8
.	LSD	324	0.36	7.8	.	7	0.19	0.03	198	3.5

VARIETY CODE	VARIETY NAME	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
		MICRO NAIRE (reading)	2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	COLORIMETER HUNTER'S RD b		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1393	PHY 830	4.90	1.35	86.7	47.0	9.2	70.5	10.0	4.80	1991	1.97	3.42
1374	DP 357	4.30	1.33	87.6	44.5	8.6	67.8	11.3	4.25	2352	2.91	3.58
1300	COBALT	4.15	1.35	87.3	47.3	8.6	66.0	11.3	4.15	2245	2.78	3.73
1273	PHY 800	3.83	1.40	88.4	49.0	8.7	68.3	10.8	3.83	1867	2.79	3.61
1272	DP 340	4.65	1.30	86.3	46.0	8.7	69.0	11.0	4.70	875	2.56	3.10
615	PIMA S-7	4.35	1.35	87.2	48.5	8.7	68.0	11.0	4.25	723	2.38	3.16
1341	DP 353	4.25	1.35	87.0	48.5	8.9	68.0	11.0	4.10	711	1.64	3.37
.	LSD	1.56	0.12	3.1	3.3	1.2	3.3	0.0	1.31	1099	2.52	1.53

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1393	PHY 830	0.89	0.79	1.68	.	.	.	.	.	.	.
1374	DP 357	0.79	0.66	1.45	.	.	.	.	.	.	.
1300	COBALT	0.76	0.73	1.49	.	.	.	.	.	.	.
1273	PHY 800	0.59	0.56	1.15	.	.	.	.	.	.	.
1272	DP 340	0.79	0.68	1.46	.	.	.	.	.	.	.
615	PIMA S-7	0.78	0.74	1.52	447	21.0	1.57	91	44.01	3.81	2.8
1341	DP 353	0.70	0.69	1.38	.	.	.	.	.	.	.
.	LSD	0.23	0.32	0.56	.	.	.	.	.	.	.

LOCATION	LINT	BOLL	LINT	SEED	YARN	DIGITAL	FIBROGRAPH	STELOMETER	
	YIELD (LB/ACRE)	SIZE (G/BOLL)	PERCENT	INDEX	TENACITY (Mn/tex)	2.5% S.L. (INCHES)	50% S.L. (INCHES)	T1 (mN/tex)	E1 (%)
MARICOPA, AZ	2110	2.68	39.2	12.4	.	.	.	.	.
LEMOORE. CA	1480	.	.	.	179	1.30	0.70	260	7.9
LAS CRUCES, NM	596	3.46	40.4	.	150	1.31	0.65	327	8.3

LOCATION	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
	MICRO NAIRE (reading)	2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	COLORIMETER HUNTER'S RD	b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
MARICOPA, AZ	.	.	.	.	.	.	.	.	3268	.	.
LEMOORE. CA	3.95	1.35	88.4	47.3	8.5	66.0	11.3	3.95	.	3.50	3.86
LAS CRUCES, NM	4.41	1.35	86.9	47.1	8.8	68.8	10.8	4.35	878	2.14	3.33

LOCATION	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
MARICOPA, AZ	.	.	.	.	.	.	.	.	.	.
LEMOORE. CA	0.69	0.61	1.29	.	.	.	.	.	.	.
LAS CRUCES, NM	0.77	0.71	1.47	447	21.0	1.57	91	44.01	3.81	2.8

1374	DP 357	.	.	.	.	.	.	.	.	.	.
1300	COBALT	.	.	.	.	.	.	.	.	.	.
1273	PHY 800	.	.	.	.	.	.	.	.	.	.
.	LSD	.	.	.	.	.	.	.	.	.	.

 LOCATION=LEMOORE, CA

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)	E1 (%)
1374	DP 357	1561	.	.	.	177	1.30	0.68	238	8.5
1300	COBALT	1466	.	.	.	180	1.30	0.72	307	8.2
1273	PHY 800	1413	.	.	.	181	1.30	0.70	236	7.2
.	LSD	102	.	.	.	8	.	0.03	336	0.7

VARIETY CODE	VARIETY NAME	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
		MICRO NAIRE (reading)	2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	COLORIMETER HUNTER'S RD b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)	
1374	DP 357	3.95	1.30	87.9	44.5	8.3	66.0	11.5	3.95	.	3.92	3.90
1300	COBALT	4.10	1.35	88.3	48.0	8.6	65.0	11.5	4.10	.	3.27	4.07
1273	PHY 800	3.80	1.40	89.2	49.5	8.7	67.0	11.0	3.80	.	3.31	3.63
.	LSD	1.01	0.18	2.7	6.6	0.9	3.5	2.5	1.01	.	2.89	0.77

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

1374	DP 357	0.76	0.61	1.37	.	.	.	.	.	.	.
1300	COBALT	0.71	0.66	1.37	.	.	.	.	.	.	.
1273	PHY 800	0.59	0.56	1.15	.	.	.	.	.	.	.
.	LSD	0.12	0.12	0.21	.	.	.	.	.	.	.

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 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	E1 (%)
1393	PHY 830	772	3.28	42.1	.	154	1.35	0.67	309	9.4
1374	DP 357	695	3.79	40.9	.	161	1.33	0.62	304	7.7
1300	COBALT	687	3.44	39.2	.	162	1.34	0.66	329	7.9
1272	DP 340	606	3.93	40.9	.	164	1.32	0.63	326	7.9
615	PIMA S-7	481	3.17	40.0	.	158	1.31	0.64	339	8.0
1341	DP 353	469	3.11	39.8	.	88	1.15	0.67	335	8.8
1273	PHY 800	462	3.49	40.0	.	162	1.41	0.66	350	8.3
.	LSD	184	0.31	0.8	.	94	0.22	0.05	11	1.5

VARIETY CODE	VARIETY NAME	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)				COLORIMETER		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	HUNTER'S RD	b				
1393	PHY 830	4.90	1.35	86.7	47.0	9.2	70.5	10.0	4.80	1063	1.97	3.42
1374	DP 357	4.65	1.35	87.3	44.5	8.8	69.5	11.0	4.55	1004	1.90	3.27
1300	COBALT	4.20	1.35	86.4	46.5	8.6	67.0	11.0	4.20	1078	2.28	3.39
1272	DP 340	4.65	1.30	86.3	46.0	8.7	69.0	11.0	4.70	875	2.56	3.10
615	PIMA S-7	4.35	1.35	87.2	48.5	8.7	68.0	11.0	4.25	723	2.38	3.16
1341	DP 353	4.25	1.35	87.0	48.5	8.9	68.0	11.0	4.10	711	1.64	3.37

1273	PHY 800	3.85	1.40	87.6	48.5	8.7	69.5	10.5	3.85	694	2.28	3.59
.	LSD	0.42	0.08	1.4	3.3	0.4	3.7	0.7	0.31	298	0.84	0.26

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1393	PHY 830	0.89	0.79	1.68	.	.	.	.	.	.	.
1374	DP 357	0.83	0.70	1.53	.	.	.	.	.	.	.
1300	COBALT	0.81	0.81	1.62	.	.	.	.	.	.	.
1272	DP 340	0.79	0.68	1.46	.	.	.	.	.	.	.
615	PIMA S-7	0.78	0.74	1.52	447	21.0	1.57	91	44.01	3.81	2.8
1341	DP 353	0.70	0.69	1.38
1273	PHY 800	0.59	0.56	1.15
.	LSD	0.09	0.09	0.19

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**National Cotton Variety Tests, 2010
Yield, Boll, Seed, Spinning and Data**

2010 HIGH QUALITY REGIONAL COTTON VARIETY TEST

2010 NCVT OVERALL SUMMARIES FOR HIGH QUALITY 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)	E1 (%)
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1404	PHY 499WRF	1518	4.62	40.7	8.4	105	1.06	0.56	198	8.2
1390	PHY 367WRF	1453	4.25	38.4	8.4	102	1.08	0.56	195	8.0
1399	DP 1034B2RF	1425	4.68	39.5	8.1	95	1.08	0.56	175	7.9
1387	ST 4288B2RF	1401	4.91	35.8	9.5	101	1.08	0.55	166	7.0
1398	DP 1032B2RF	1366	4.46	39.2	8.0	108	1.08	0.55	180	6.8
1396	DP 1048B2RF	1356	4.52	40.2	8.0	98	1.10	0.57	181	7.9
1397	DP 1050B2RF	1346	4.45	40.5	8.2	95	1.08	0.56	193	8.1
1395	ARK 9803-23-04	1260	5.36	36.8	9.9	112	1.11	0.58	175	7.5
1407	MD25y	1250	5.25	36.2	9.7	132	1.11	0.60	221	6.1
1382	FM 1845LLB2	1236	5.11	35.6	9.9	127	1.12	0.58	199	6.3
1389	PHY 565WRF	1223	4.22	37.3	8.4	103	1.07	0.56	199	8.6
795	MD 25ne	1220	4.94	35.7	9.4	131	1.12	0.61	221	6.1
1270	DP 555BG/RR	1204	4.24	39.3	7.1	107	1.05	0.53	181	5.7
1403	PHX 4912WRF	1204	4.20	35.7	7.4	117	1.12	0.58	219	7.7
1394	ARK 0102-48	1186	5.35	34.7	10.5	139	1.19	0.60	213	6.2
1408	MD10	1173	4.59	38.4	8.1	116	1.09	0.58	205	6.4
1405	FM 1773LLB2	1163	5.16	35.2	9.9	124	1.10	0.55	218	5.1
1402	TAM 03WZ-37	1132	4.98	35.9	9.2	121	1.11	0.59	214	6.8
1406	FM 9160B2F	1083	4.76	36.3	9.0	123	1.10	0.57	199	5.7
1401	TAM 04WB-33s	1068	4.64	33.0	9.6	133	1.18	0.60	230	6.4
1400	TAM 06WE-62-4	1060	5.59	36.0	10.3	135	1.16	0.60	256	6.8
1166	PHYTOGEN 72	890	4.79	35.3	9.2	128	1.11	0.59	247	7.3
.	LSD	175	0.24	1.3	0.6	8	0.04	0.02	38	0.7

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)	E	COLORIMETER HUNTER'S RD	b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1404	PHY 499WRF	5.08	1.13	83.3	31.7	8.2	70.2	8.3	5.08	2892	3.18	3.23
1390	PHY 367WRF	4.76	1.13	82.8	30.3	7.6	69.8	8.5	4.76	2903	3.12	3.29
1399	DP 1034B2RF	4.86	1.14	82.9	28.5	7.5	71.4	8.6	4.85	2918	3.51	3.50
1387	ST 4288B2RF	4.92	1.15	82.4	27.8	6.9	70.4	7.9	4.88	2915	3.58	3.19
1398	DP 1032B2RF	4.78	1.18	83.0	30.3	7.1	71.5	8.0	4.81	2719	3.64	3.51
1396	DP 1048B2RF	4.78	1.15	83.1	28.8	7.5	71.3	8.6	4.77	2479	3.01	3.57
1397	DP 1050B2RF	4.87	1.13	82.8	28.1	7.4	71.6	8.7	4.88	2470	3.14	3.50
1395	ARK 9803-23-04	4.97	1.18	83.6	31.0	7.5	72.6	7.5	4.94	2700	3.35	3.42
1407	MD25y	4.75	1.18	84.3	34.5	7.2	70.7	7.8	4.73	2791	3.24	3.36

1382	FM 1845LLB2	5.08	1.18	83.5	32.7	7.1	71.5	8.2	5.04	2542	3.09	3.18
1389	PHY 565WRF	4.83	1.13	82.9	30.3	7.7	70.1	8.6	4.79	2642	3.03	3.21
795	MD 25ne	4.68	1.19	84.4	35.0	7.4	71.1	8.2	4.65	2714	3.39	3.33
1270	DP 555BG/RR	4.78	1.11	81.3	28.9	6.4	73.2	7.6	4.87	2489	3.61	3.31
1403	PHX 4912WRF	4.34	1.21	83.6	31.9	7.4	73.6	7.5	4.31	2653	3.06	3.12
1394	ARK 0102-48	5.20	1.24	84.8	35.8	7.5	71.2	8.0	5.16	2493	3.20	3.14
1408	MD10	4.67	1.13	82.5	32.7	7.4	70.3	8.1	4.66	2260	3.38	3.54
1405	FM 1773LLB2	5.08	1.18	82.5	32.2	6.8	72.1	7.9	5.08	2282	3.59	3.12
1402	TAM 03WZ-37	4.84	1.18	83.6	34.8	7.6	70.7	8.1	4.85	2323	3.32	3.25
1406	FM 9160B2F	4.55	1.17	83.4	30.8	6.4	71.7	7.9	4.54	1940	3.40	3.11
1401	TAM 04WB-33s	4.17	1.26	85.2	36.1	7.5	73.0	7.5	4.16	2382	3.15	3.24
1400	TAM 06WE-62-4	4.88	1.20	84.8	37.7	7.9	71.1	8.5	4.85	2217	3.55	3.08
1166	PHYTOGEN 72	4.77	1.18	82.7	34.3	7.6	70.6	8.8	4.68	1972	3.34	3.48
.	LSD	0.21	0.03	0.7	1.1	0.2	1.5	0.6	0.20	650	0.63	0.20

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1404	PHY 499WRF	0.44	0.74	1.18	413	19.9	1.54	92	46.90	4.42	3.1
1390	PHY 367WRF	0.48	0.70	1.18	419	19.7	1.54	92	46.16	4.27	3.0
1399	DP 1034B2RF	0.47	0.74	1.20	422	24.6	1.65	88	49.07	4.51	2.9
1387	ST 4288B2RF	0.49	0.93	1.42	415	22.3	1.60	89	48.39	4.53	3.0
1398	DP 1032B2RF	0.47	0.63	1.10	419	18.6	1.52	93	45.48	4.21	3.1
1396	DP 1048B2RF	0.48	0.75	1.23	424	22.4	1.60	89	47.40	4.34	3.0
1397	DP 1050B2RF	0.51	0.78	1.28	417	22.4	1.60	89	48.12	4.48	3.0
1395	ARK 9803-23-04	0.36	0.51	0.87	408	17.3	1.48	94	45.67	4.34	3.2
1407	MD25y	0.62	0.74	1.37	426	19.0	1.52	92	44.95	4.10	3.0
1382	FM 1845LLB2	0.49	0.68	1.17	405	14.9	1.42	96	44.08	4.21	3.3
1389	PHY 565WRF	0.49	0.75	1.23	425	21.3	1.58	90	46.70	4.27	3.0
795	MD 25ne	0.64	0.83	1.47	426	19.8	1.54	92	45.34	4.13	3.0
1270	DP 555BG/RR	0.40	0.60	1.01	418	19.5	1.53	92	45.88	4.26	3.1
1403	PHX 4912WRF	0.49	0.71	1.20	462	20.4	1.56	91	42.42	3.57	2.7
1394	ARK 0102-48	0.49	0.67	1.17	405	14.5	1.42	96	44.01	4.23	3.2
1408	MD10	0.40	0.65	1.05	430	22.5	1.60	89	46.80	4.23	2.9
1405	FM 1773LLB2	0.45	0.67	1.12	397	14.5	1.42	96	44.89	4.40	3.3
1402	TAM 03WZ-37	0.46	0.68	1.14	421	20.3	1.55	91	46.37	4.28	3.0

1406	FM 9160B2F	0.32	0.58	0.90	432	15.7	1.45	95	42.05	3.78	3.0
1401	TAM 04WB-33s	0.38	0.62	1.00	464	26.9	1.70	86	45.96	3.84	2.6
1400	TAM 06WE-62-4	0.46	0.63	1.08	413	13.0	1.38	98	41.89	3.94	3.2
1166	PHYTOGEN 72	0.39	0.56	0.95	429	15.4	1.44	95	42.11	3.80	3.0
.	LSD	0.04	0.07	0.10	14.9	4.5	0.10	4	2.26	0.22	0.2

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 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)	E1 (%)
1404	PHY 499WRF	1714	4.71	39.1	8.3	108	1.08	0.57	196	8.1
1390	PHY 367WRF	1665	4.32	37.0	8.4	105	1.10	0.57	199	8.3
1399	DP 1034B2RF	1606	4.79	37.9	8.2	97	1.11	0.56	178	7.9
1387	ST 4288B2RF	1601	4.94	34.1	9.4	100	1.11	0.56	165	6.8
1398	DP 1032B2RF	1577	4.45	37.6	8.0	109	1.11	0.56	181	6.7
1397	DP 1050B2RF	1540	4.50	38.7	8.2	99	1.10	0.56	193	8.3
1396	DP 1048B2RF	1523	4.56	38.8	8.1	96	1.11	0.57	172	7.9
1395	ARK 9803-23-04	1471	5.36	35.3	9.7	112	1.14	0.59	192	7.2
1407	MD25y	1453	5.30	34.6	9.5	135	1.14	0.61	225	6.1
795	MD 25ne	1423	4.96	34.2	9.1	136	1.14	0.62	239	5.9
1382	FM 1845LLB2	1406	5.17	34.1	9.9	131	1.14	0.58	188	6.4
1394	ARK 0102-48	1401	5.39	33.5	10.3	140	1.21	0.60	221	6.2
1408	MD10	1396	4.60	36.9	7.9	118	1.11	0.59	209	6.4
1389	PHY 565WRF	1367	4.29	35.9	8.3	103	1.09	0.57	204	8.7
1402	TAM 03WZ-37	1337	5.08	34.4	9.0	124	1.12	0.59	202	6.3
1403	PHX 4912WRF	1332	4.23	34.5	7.1	120	1.14	0.58	216	7.6
1270	DP 555BG/RR	1331	4.20	37.8	7.0	106	1.07	0.54	192	5.6
1405	FM 1773LLB2	1315	5.20	33.9	9.7	128	1.13	0.55	223	5.1
1401	TAM 04WB-33s	1252	4.68	31.7	9.3	136	1.20	0.61	212	6.0
1400	TAM 06WE-62-4	1234	5.66	34.6	10.0	138	1.19	0.61	249	6.0
1406	FM 9160B2F	1202	4.77	34.7	8.9	125	1.13	0.57	214	6.0
1166	PHYTOGEN 72	1031	4.82	34.0	9.0	129	1.14	0.60	245	7.1

. LSD 203 0.31 1.8 0.9 9 0.05 0.02 46 0.9

VARIETY CODE	VARIETY NAME	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)					COLORIMETER HUNTER'S		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	RD	b					
1404	PHY 499WRF	4.99	1.14	84.1	31.5	8.0	70.8	7.9	4.99	3485	3.06	3.02	
1390	PHY 367WRF	4.76	1.14	83.2	29.9	7.5	70.5	8.2	4.76	3506	2.91	3.15	
1399	DP 1034B2RF	4.79	1.18	83.6	28.8	7.4	71.6	8.5	4.81	3524	2.97	3.42	
1387	ST 4288B2RF	4.88	1.16	82.7	27.8	6.8	70.8	7.3	4.81	3500	3.23	3.06	
1398	DP 1032B2RF	4.75	1.20	83.5	30.4	7.0	72.1	7.6	4.79	3312	2.89	3.40	
1397	DP 1050B2RF	4.86	1.15	83.2	28.3	7.3	71.9	8.6	4.86	2992	2.67	3.35	
1396	DP 1048B2RF	4.81	1.16	83.6	28.6	7.5	71.8	8.5	4.81	2958	2.44	3.49	
1395	ARK 9803-23-04	4.89	1.20	84.2	31.0	7.5	73.4	7.1	4.86	3302	2.89	3.30	
1407	MD25y	4.71	1.20	84.8	34.6	7.2	71.1	7.5	4.66	3413	3.25	3.18	
795	MD 25ne	4.61	1.21	84.9	34.5	7.3	71.5	7.9	4.59	3315	3.09	3.18	
1382	FM 1845LLB2	4.96	1.20	84.1	33.1	7.1	72.4	8.0	4.93	3028	2.81	3.00	
1394	ARK 0102-48	5.23	1.26	85.3	36.0	7.5	71.6	7.8	5.16	3037	2.86	3.00	
1408	MD10	4.73	1.15	82.8	32.3	7.3	71.1	7.7	4.73	2788	3.45	3.37	
1389	PHY 565WRF	4.80	1.14	83.1	30.5	7.6	71.3	8.3	4.76	3154	3.20	2.99	
1402	TAM 03WZ-37	4.91	1.19	83.9	34.5	7.6	71.5	7.9	4.91	2842	3.24	3.05	
1403	PHX 4912WRF	4.31	1.23	83.9	31.5	7.3	74.4	7.3	4.26	3118	3.16	2.97	
1270	DP 555BG/RR	4.74	1.13	81.8	29.3	6.4	73.4	7.5	4.86	2968	3.37	3.22	
1405	FM 1773LLB2	5.10	1.19	82.9	32.4	6.8	72.1	7.7	5.11	2675	3.12	2.99	
1401	TAM 04WB-33s	4.09	1.26	85.5	36.0	7.4	74.0	7.0	4.05	2880	2.88	3.10	
1400	TAM 06WE-62-4	4.85	1.21	85.2	37.1	7.8	71.9	8.1	4.78	2688	3.13	2.99	
1406	FM 9160B2F	4.59	1.19	84.0	30.8	6.4	72.8	7.8	4.56	2241	3.19	3.00	
1166	PHYTOGEN 72	4.89	1.20	83.3	34.6	7.6	70.9	8.7	4.76	2389	3.15	3.33	
.	LSD	0.23	0.04	0.9	1.3	0.3	2.0	0.7	0.22	859	0.49	0.26	

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

1404	PHY 499WRF	0.46	0.77	1.23	425	22.9	1.61	89	47.62	4.35	2.9
1390	PHY 367WRF	0.51	0.74	1.25	420	20.3	1.55	91	46.36	4.27	3.0
1399	DP 1034B2RF	0.50	0.78	1.28	423	26.1	1.68	86	49.82	4.55	2.9
1387	ST 4288B2RF	0.52	0.98	1.50	421	24.4	1.65	87	49.05	4.51	2.9
1398	DP 1032B2RF	0.50	0.63	1.13	419	19.0	1.53	92	45.70	4.23	3.1
1397	DP 1050B2RF	0.54	0.82	1.36	421	23.8	1.63	88	48.67	4.48	3.0
1396	DP 1048B2RF	0.53	0.82	1.35	422	20.3	1.55	91	46.16	4.23	3.0
1395	ARK 9803-23-04	0.38	0.52	0.90	413	17.1	1.48	94	44.85	4.20	3.1
1407	MD25y	0.69	0.82	1.51	428	18.9	1.52	92	44.61	4.04	3.0
795	MD 25ne	0.69	0.88	1.56	428	21.3	1.58	91	46.20	4.17	2.9
1382	FM 1845LLB2	0.53	0.72	1.24	410	16.4	1.46	95	44.71	4.22	3.2
1394	ARK 0102-48	0.53	0.72	1.25	406	15.3	1.44	95	44.38	4.24	3.2
1408	MD10	0.43	0.70	1.12	429	22.1	1.59	90	46.66	4.23	2.9
1389	PHY 565WRF	0.54	0.81	1.35	429	22.1	1.60	90	46.67	4.20	2.9
1402	TAM 03WZ-37	0.51	0.73	1.24	424	20.1	1.55	91	46.02	4.23	3.0
1403	PHX 4912WRF	0.52	0.75	1.27	469	20.6	1.56	91	41.88	3.46	2.7
1270	DP 555BG/RR	0.44	0.65	1.09	417	19.0	1.52	92	45.72	4.24	3.1
1405	FM 1773LLB2	0.48	0.71	1.19	395	13.5	1.39	97	44.34	4.35	3.4
1401	TAM 04WB-33s	0.40	0.66	1.06	464	26.9	1.69	86	45.82	3.82	2.6
1400	TAM 06WE-62-4	0.51	0.68	1.19	412	12.5	1.36	98	41.43	3.89	3.3
1406	FM 9160B2F	0.33	0.59	0.92	433	16.9	1.47	94	42.80	3.83	3.0
1166	PHYTOGEN 72	0.43	0.61	1.04	420	13.3	1.39	97	41.46	3.82	3.1
.	LSD	0.06	0.08	0.13	19.5	5.7	0.13	5	2.84	0.28	0.2

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 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)	E1 (%)
1404	PHY 499WRF	929	4.40	45.6	8.5	101	1.03	0.54	201	8.3
1399	DP 1034B2RF	881	4.41	44.2	8.1	90	1.03	0.54	168	8.0
1396	DP 1048B2RF	853	4.44	44.4	8.0	103	1.08	0.56	201	8.0
1270	DP 555BG/RR	826	4.35	44.0	7.3	108	1.00	0.52	159	6.0

1403	PHX 4912WRF	817	4.13	39.3	8.0	110	1.10	0.57	226	8.0
1390	PHY 367WRF	816	4.08	42.8	8.2	94	1.03	0.55	188	7.4
1387	ST 4288B2RF	802	4.83	40.9	9.7	105	1.01	0.53	169	7.6
1389	PHY 565WRF	791	4.05	41.5	8.6	103	1.04	0.54	189	8.4
1397	DP 1050B2RF	765	4.33	45.8	8.3	89	1.03	0.55	192	7.9
1398	DP 1032B2RF	731	4.50	43.8	8.2	106	1.03	0.54	180	7.1
1382	FM 1845LLB2	727	4.94	40.2	10.1	121	1.09	0.58	220	6.1
1406	FM 9160B2F	725	4.72	41.0	9.1	119	1.05	0.57	168	5.1
1405	FM 1773LLB2	707	5.06	39.1	10.2	116	1.04	0.53	209	5.0
1407	MD25y	643	5.12	41.1	10.0	127	1.05	0.57	213	6.2
1395	ARK 9803-23-04	626	5.37	41.2	10.5	111	1.05	0.56	140	8.2
795	MD 25ne	612	4.90	40.2	9.9	122	1.08	0.58	186	6.4
1394	ARK 0102-48	540	5.26	38.5	11.0	138	1.15	0.58	199	6.2
1400	TAM 06WE-62-4	537	5.42	40.2	10.9	129	1.10	0.59	269	8.3
1402	TAM 03WZ-37	520	4.73	40.4	9.6	115	1.09	0.58	236	7.8
1401	TAM 04WB-33s	517	4.54	36.8	10.2	127	1.15	0.60	265	7.2
1408	MD10	504	4.56	42.7	8.5	111	1.05	0.56	198	6.6
1166	PHYTOGEN 72	466	4.72	39.4	9.6	125	1.05	0.57	250	7.7
.	LSD	399	0.42	1.1	0.7	16	0.06	0.04	75	1.1

VARIETY CODE	VARIETY NAME	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)					COLORIMETER HUNTER'S		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	RD	b					
1404	PHY 499WRF	5.28	1.10	81.9	32.0	8.5	69.0	9.1	5.25	1113	3.42	3.64	
1399	DP 1034B2RF	5.00	1.08	81.4	28.0	7.7	71.0	8.7	4.93	1102	4.59	3.68	
1396	DP 1048B2RF	4.73	1.13	82.1	29.3	7.6	70.3	8.8	4.68	1040	4.17	3.74	
1270	DP 555BG/RR	4.85	1.08	80.3	28.3	6.5	72.8	8.0	4.88	1052	4.10	3.50	
1403	PHX 4912WRF	4.40	1.18	83.0	32.6	7.6	72.0	7.7	4.40	1257	2.86	3.42	
1390	PHY 367WRF	4.75	1.10	81.9	31.3	7.8	68.5	8.9	4.75	1093	3.54	3.58	
1387	ST 4288B2RF	5.00	1.13	81.8	28.0	6.9	69.8	9.1	5.03	1160	4.29	3.46	
1389	PHY 565WRF	4.88	1.13	82.6	30.0	7.8	67.8	9.2	4.85	1105	2.70	3.67	
1397	DP 1050B2RF	4.90	1.10	82.0	27.8	7.4	71.0	9.0	4.90	904	4.08	3.79	
1398	DP 1032B2RF	4.85	1.15	82.1	30.0	7.2	70.3	8.8	4.85	941	5.15	3.72	
1382	FM 1845LLB2	5.33	1.13	82.4	31.8	7.2	69.8	8.7	5.28	1081	3.64	3.53	
1406	FM 9160B2F	4.48	1.13	82.4	30.8	6.4	69.5	8.1	4.50	1038	3.81	3.32	
1405	FM 1773LLB2	5.05	1.15	81.9	31.8	6.8	72.0	8.5	5.03	1100	4.53	3.38	

1407	MD25y	4.83	1.15	83.2	34.3	7.2	69.8	8.5	4.85	923	3.21	3.72
1395	ARK 9803-23-04	5.13	1.15	82.3	31.0	7.6	71.0	8.4	5.10	893	4.27	3.65
795	MD 25ne	4.80	1.15	83.4	36.0	7.5	70.3	8.9	4.78	912	4.00	3.64
1394	ARK 0102-48	5.15	1.20	83.9	35.5	7.5	70.3	8.5	5.15	861	3.89	3.43
1400	TAM 06WE-62-4	4.95	1.18	84.1	38.8	8.2	69.5	9.3	5.00	805	4.40	3.27
1402	TAM 03WZ-37	4.70	1.15	83.0	35.3	7.7	69.0	8.6	4.73	766	3.47	3.65
1401	TAM 04WB-33s	4.33	1.25	84.7	36.3	7.8	71.0	8.5	4.38	889	3.68	3.53
1408	MD10	4.55	1.10	82.0	33.5	7.6	68.8	8.9	4.53	678	3.25	3.89
1166	PHYTOGEN 72	4.53	1.13	81.7	33.8	7.5	70.0	8.9	4.53	718	3.72	3.79
.	LSD	0.43	0.06	1.2	2.1	0.4	2.1	0.8	0.40	488	1.45	0.38

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1404	PHY 499WRF	0.38	0.69	1.07	390	14.0	1.41	97	45.47	4.57	3.4
1399	DP 1034B2RF	0.41	0.65	1.06	420	21.6	1.59	90	47.57	4.42	3.0
1396	DP 1048B2RF	0.38	0.61	0.99	427	26.6	1.69	86	49.88	4.56	2.9
1270	DP 555BG/RR	0.32	0.52	0.84	421	20.4	1.55	92	46.19	4.30	3.1
1403	PHX 4912WRF	0.42	0.64	1.06	449	20.0	1.55	91	43.51	3.78	2.8
1390	PHY 367WRF	0.41	0.63	1.04	416	18.6	1.52	93	45.76	4.28	3.1
1387	ST 4288B2RF	0.43	0.83	1.26	402	18.1	1.51	93	47.09	4.56	3.2
1389	PHY 565WRF	0.39	0.62	1.00	416	19.6	1.54	92	46.77	4.41	3.1
1397	DP 1050B2RF	0.44	0.70	1.14	409	19.6	1.53	92	47.01	4.48	3.2
1398	DP 1032B2RF	0.41	0.61	1.03	420	17.9	1.50	93	45.03	4.19	3.1
1382	FM 1845LLB2	0.42	0.62	1.03	397	11.8	1.35	99	42.81	4.21	3.4
1406	FM 9160B2F	0.30	0.56	0.86	432	13.4	1.39	97	40.56	3.68	3.1
1405	FM 1773LLB2	0.39	0.58	0.97	402	16.4	1.46	95	45.98	4.50	3.3
1407	MD25y	0.49	0.60	1.08	422	19.3	1.53	92	45.63	4.23	3.1
1395	ARK 9803-23-04	0.33	0.49	0.81	399	17.9	1.50	93	47.32	4.61	3.2
795	MD 25ne	0.54	0.73	1.28	420	16.8	1.46	95	43.62	4.04	3.2
1394	ARK 0102-48	0.41	0.59	1.00	402	12.8	1.38	98	43.28	4.22	3.3
1400	TAM 06WE-62-4	0.36	0.52	0.88	413	13.9	1.40	97	42.79	4.03	3.2
1402	TAM 03WZ-37	0.36	0.57	0.93	417	20.8	1.56	91	47.07	4.39	3.1
1401	TAM 04WB-33s	0.33	0.55	0.87	463	26.9	1.70	86	46.23	3.89	2.6
1408	MD10	0.34	0.57	0.91	432	23.1	1.62	89	47.09	4.25	2.9
1166	PHYTOGEN 72	0.31	0.48	0.78	447	19.6	1.54	92	43.41	3.78	2.9
.	LSD	0.06	0.09	0.14	18.2	6.6	0.15	6	3.63	0.38	0.3

2010 NCVT SUMMARIES BY LOCATION

LOCATION	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)	E1 (%)
COLLEGE STATION, TX	2108	4.54	39.5	9.5	110	1.11	0.57	193	6.7
LAS CRUCES, NM	1920	5.59	45.0	.	104	1.15	0.58	203	7.5
STONEVILLE, MS	1660	4.92	42.0	9.4	126	1.11	0.57	202	6.9
PORTAGEVILLE, MO	1174	.	36.7	.	.	.	.	.	.
FLORENCE, SC	916	5.30	41.6	9.7	113	1.09	0.58	204	6.9
BOSSIER CITY, LA	859	4.89	40.5	9.4	.	.	.	.	.
KEISER, AR	782	4.15	9.9	6.9	132	1.13	0.59	224	6.2
BELLE MINA, AL	478	4.05	41.4	8.7	111	1.03	0.54	199	7.4

LOCATION	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)				COLORIMETER HUNTER'S		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
		2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	RD	b				
COLLEGE STATION, TX	4.61	1.16	83.4	31.4	6.9	66.0	7.3	4.55	3237	3.72	3.11
LAS CRUCES, NM	4.91	1.18	83.8	31.0	7.6	76.0	8.3	4.88	2358	2.46	3.16
STONEVILLE, MS	4.85	1.19	83.8	31.9	7.3	75.5	7.9	4.80	2275	3.30	2.92
PORTAGEVILLE, MO	.	.	.	.	.	.	.	.	2020	.	.
FLORENCE, SC	5.31	1.17	82.6	32.3	7.6	65.7	8.0	5.29	1269	3.36	3.36
BOSSIER CITY, LA	.	.	.	.	.	.	.	.	1262	.	.
KEISER, AR	4.76	1.21	84.1	33.5	7.3	70.2	7.9	4.83	7153	2.69	3.46
BELLE MINA, AL	4.37	1.11	82.3	31.8	7.3	74.6	9.3	4.38	679	4.35	3.81

LOCATION	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
COLLEGE STATION, TX	0.50	0.70	1.20	432	16.6	1.46	95	42.41	3.80	3.0
LAS CRUCES, NM	0.62	0.85	1.47	418	21.7	1.58	90	47.40	4.39	3.0
STONEVILLE, MS	0.49	0.78	1.26	428	18.9	1.52	92	44.65	4.04	3.0
PORTAGEVILLE, MO	.	.	.	.	.	.	.	.	.	.
FLORENCE, SC	0.48	0.71	1.19	387	16.1	1.45	95	47.26	4.74	3.4
BOSSIER CITY, LA	.	.	.	.	.	.	.	.	.	.
KEISER, AR	0.39	0.59	0.98	417	21.5	1.58	90	47.52	4.41	3.0
BELLE MINA, AL	0.29	0.50	0.80	451	21.1	1.57	91	43.66	3.75	2.8

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 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	E1 (%)
1404	PHY 499WRF	2657	4.46	44.0	8.1	99	1.05	0.55	155	7.8
1395	ARK 9803-23-04	2540	4.72	38.8	10.8	104	1.20	0.59	206	7.8
1387	ST 4288B2RF	2535	4.38	37.4	10.5	90	1.10	0.56	191	6.3
795	MD 25ne	2403	4.16	38.7	9.6	119	1.10	0.61	180	5.8
1396	DP 1048B2RF	2361	4.48	43.2	8.5	90	1.10	0.56	181	8.5
1408	MD10	2353	4.25	41.8	8.3	120	1.10	0.60	216	5.6
1394	ARK 0102-48	2337	5.36	37.3	11.5	133	1.20	0.60	233	6.0
1390	PHY 367WRF	2318	4.11	40.2	8.8	94	1.10	0.57	196	7.8
1398	DP 1032B2RF	2313	4.33	42.6	8.5	81	1.10	0.55	186	6.3
1399	DP 1034B2RF	2250	4.36	42.2	8.2	88	1.10	0.55	184	7.5
1401	TAM 04WB-33s	2133	4.59	33.4	10.8	124	1.20	0.60	126	5.5
1382	FM 1845LLB2	2130	4.82	37.6	10.9	136	1.10	0.56	214	7.7
1402	TAM 03WZ-37	2117	5.36	37.6	10.1	123	1.10	0.59	167	5.4
1407	MD25y	2038	5.08	38.7	10.4	138	1.13	0.63	238	5.8

1405	FM 1773LLB2	1960	5.48	38.0	11.1	122	1.10	0.56	211	5.7
1400	TAM 06WE-62-4	1955	5.13	38.6	10.7	138	1.20	0.60	189	5.6
1397	DP 1050B2RF	1950	4.31	42.7	8.5	93	1.10	0.57	177	7.8
1403	PHX 4912WRF	1819	3.60	38.2	7.5	126	1.10	0.57	221	7.8
1389	PHY 565WRF	1732	4.37	39.8	8.8	97	1.08	0.56	157	8.7
1406	FM 9160B2F	1566	4.75	38.9	9.6	108	1.10	0.55	204	6.7
1270	DP 555BG/RR	1564	3.60	42.6	7.1	92	1.05	0.53	184	6.2
1166	PHYTOGEN 72	1338	4.16	37.5	9.9	119	1.10	0.59	231	6.7
.	LSD	567	0.91	0.5	0.8	13	0.05	0.03	76	1.0

VARIETY CODE	VARIETY NAME	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
		MICRO NAIRE (reading)	2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	COLORIMETER HUNTER'S RD	b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1404	PHY 499WRF	4.60	1.10	83.4	30.5	7.4	66.5	7.6	4.60	3383	3.52	2.69
1395	ARK 9803-23-04	5.00	1.20	84.8	31.0	7.1	69.0	6.6	4.90	4008	3.28	2.92
1387	ST 4288B2RF	4.70	1.10	82.5	27.5	6.5	64.5	7.1	4.65	4238	4.00	2.86
795	MD 25ne	4.40	1.20	85.4	34.5	7.0	66.0	7.4	4.35	3817	3.93	3.05
1396	DP 1048B2RF	4.65	1.10	82.2	27.5	7.2	65.0	7.7	4.55	3099	2.19	3.37
1408	MD10	4.50	1.15	82.9	32.0	7.0	64.0	6.8	4.45	3273	4.37	3.54
1394	ARK 0102-48	5.25	1.25	85.3	36.0	7.2	64.0	6.9	5.15	3933	3.95	2.83
1390	PHY 367WRF	4.50	1.10	83.0	30.0	7.1	64.5	7.9	4.40	3446	3.06	3.24
1398	DP 1032B2RF	4.60	1.20	82.9	29.0	6.4	68.0	6.8	4.60	3118	3.43	3.28
1399	DP 1034B2RF	4.45	1.10	83.2	27.5	6.9	63.5	7.7	4.45	3079	3.58	3.33
1401	TAM 04WB-33s	4.00	1.25	85.2	35.5	7.1	68.0	7.0	4.00	4250	3.64	3.19
1382	FM 1845LLB2	4.95	1.15	83.0	32.5	7.0	67.5	7.3	4.90	3542	3.95	2.79
1402	TAM 03WZ-37	4.60	1.20	84.4	32.5	6.7	65.0	7.5	4.60	3509	3.69	3.10
1407	MD25y	4.45	1.20	85.4	34.5	6.8	65.0	6.9	4.45	3231	3.89	3.24
1405	FM 1773LLB2	5.00	1.15	82.2	32.5	6.5	68.0	7.4	4.95	3204	3.92	2.91
1400	TAM 06WE-62-4	4.90	1.20	85.4	36.5	7.3	67.5	7.8	4.70	3111	3.72	3.03
1397	DP 1050B2RF	4.55	1.10	83.2	27.0	6.9	65.5	7.3	4.50	2618	2.80	3.36
1403	PHX 4912WRF	4.00	1.20	83.3	31.0	6.8	67.5	6.7	3.95	2940	4.37	2.99
1389	PHY 565WRF	4.60	1.10	82.0	29.5	7.2	64.0	7.9	4.55	2623	4.00	3.09
1406	FM 9160B2F	4.45	1.15	82.6	29.5	6.1	66.0	8.0	4.45	2456	4.07	2.92
1270	DP 555BG/RR	4.65	1.10	81.6	30.5	6.1	67.0	7.0	4.50	2101	4.21	3.41
1166	PHYTOGEN 72	4.70	1.15	82.3	34.5	7.4	67.0	8.1	4.45	2235	4.35	3.32
.	LSD	0.28	0.09	1.8	2.3	0.4	3.4	1.0	0.34	880	0.88	0.34

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1404	PHY 499WRF	0.51	0.83	1.34	457	28.0	1.72	85	47.61	4.07	2.7
1395	ARK 9803-23-04	0.39	0.52	0.91	399	8.5	1.27	102	39.83	3.86	3.5
1387	ST 4288B2RF	0.56	0.99	1.55	426	21.3	1.58	90	46.51	4.23	3.0
795	MD 25ne	0.73	0.89	1.61	436	18.8	1.53	93	43.87	3.89	2.9
1396	DP 1048B2RF	0.53	0.77	1.30	426	13.0	1.39	97	40.82	3.71	3.1
1408	MD10	0.39	0.63	1.01	451	20.8	1.57	91	43.69	3.75	2.8
1394	ARK 0102-48	0.60	0.75	1.35	398	9.5	1.30	101	40.74	3.96	3.4
1390	PHY 367WRF	0.52	0.78	1.30	445	21.8	1.59	90	44.65	3.88	2.8
1398	DP 1032B2RF	0.49	0.58	1.07	421	11.5	1.35	99	40.10	3.68	3.2
1399	DP 1034B2RF	0.48	0.73	1.21	435	27.8	1.72	85	49.57	4.41	2.8
1401	TAM 04WB-33s	0.42	0.65	1.06	472	22.0	1.60	90	42.44	3.48	2.6
1382	FM 1845LLB2	0.52	0.69	1.21	402	8.0	1.25	103	39.00	3.75	3.5
1402	TAM 03WZ-37	0.52	0.72	1.24	437	25.3	1.67	87	47.82	4.23	2.8
1407	MD25y	0.71	0.79	1.50	437	11.8	1.35	99	38.80	3.43	3.1
1405	FM 1773LLB2	0.48	0.69	1.16	398	8.5	1.26	103	39.87	3.88	3.5
1400	TAM 06WE-62-4	0.46	0.62	1.08	413	4.0	1.14	107	34.47	3.23	3.7
1397	DP 1050B2RF	0.52	0.75	1.27	444	27.5	1.71	85	48.45	4.23	2.8
1403	PHX 4912WRF	0.47	0.69	1.16	484	14.0	1.41	97	36.51	2.92	2.7
1389	PHY 565WRF	0.51	0.76	1.27	445	23.8	1.63	88	46.02	4.00	2.8
1406	FM 9160B2F	0.30	0.53	0.82	437	15.0	1.43	96	41.18	3.64	3.0
1270	DP 555BG/RR	0.41	0.58	0.98	407	11.0	1.34	100	41.07	3.90	3.3
1166	PHYTOGEN 72	0.44	0.61	1.05	442	14.3	1.42	97	40.16	3.51	3.0
.	LSD	0.10	0.10	0.21	32.1	6.8	0.15	6	4.26	0.53	0.3

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 (%)
1404	PHY 499WRF	1221	4.85	45.8	8.5	.	.	.	.	.
1399	DP 1034B2RF	1176	4.64	44.0	8.6	.	.	.	.	.
1397	DP 1050B2RF	1164	4.55	44.9	8.4	.	.	.	.	.
1396	DP 1048B2RF	1142	4.68	44.6	8.4	.	.	.	.	.
1387	ST 4288B2RF	1093	5.36	38.4	10.5	.	.	.	.	.
1390	PHY 367WRF	991	4.31	42.7	8.6	.	.	.	.	.
1398	DP 1032B2RF	973	4.34	42.7	8.2	.	.	.	.	.
1389	PHY 565WRF	931	4.26	40.9	8.6	.	.	.	.	.
1403	PHX 4912WRF	913	4.34	38.4	7.9	.	.	.	.	.
1382	FM 1845LLB2	908	5.48	38.4	11.3	.	.	.	.	.
1394	ARK 0102-48	784	5.70	38.5	11.7	.	.	.	.	.
1270	DP 555BG/RR	773	4.24	42.3	7.2	.	.	.	.	.
1407	MD25y	761	5.33	40.3	10.1	.	.	.	.	.
1405	FM 1773LLB2	746	5.08	37.1	10.0	.	.	.	.	.
795	MD 25ne	737	5.18	38.9	9.9	.	.	.	.	.
1408	MD10	718	4.70	41.7	8.5	.	.	.	.	.
1406	FM 9160B2F	717	4.51	38.2	9.0	.	.	.	.	.
1401	TAM 04WB-33s	699	4.79	36.3	10.3	.	.	.	.	.
1395	ARK 9803-23-04	664	5.46	40.0	10.5	.	.	.	.	.
1400	TAM 06WE-62-4	630	5.82	39.1	10.8	.	.	.	.	.
1402	TAM 03WZ-37	617	5.01	39.0	10.0	.	.	.	.	.
1166	PHYTOGEN 72	543	4.87	37.9	9.8	.	.	.	.	.
.	LSD	149	0.36	1.1	0.4	.	.	.	.	.

VARIETY CODE	VARIETY NAME	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)					SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	COLORIMETER HUNTER'S RD b	MICRO- NAIRE (Reading)			
1404	PHY 499WRF	.	.	.	.	.	.	1429	.	.
1399	DP 1034B2RF	.	.	.	.	.	.	1520	.	.
1397	DP 1050B2RF	.	.	.	.	.	.	1425	.	.
1396	DP 1048B2RF	.	.	.	.	.	.	1411	.	.
1387	ST 4288B2RF	.	.	.	.	.	.	1796	.	.
1390	PHY 367WRF	.	.	.	.	.	.	1351	.	.

1406	FM 9160B2F	.	.	.	.	.	.	.	.	.	.
1401	TAM 04WB-33s
1395	ARK 9803-23-04
1400	TAM 06WE-62-4
1402	TAM 03WZ-37
1166	PHYTOGEN 72
.	LSD

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LOCATION=STONEVILLE, MS

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)	E1 (%)
1390	PHY 367WRF	2011	4.53	43.7	9.2	119	1.10	0.56	167	9.2
1398	DP 1032B2RF	1975	4.59	44.7	8.3	122	1.10	0.55	214	6.4
1404	PHY 499WRF	1952	4.67	46.2	8.8	117	1.05	0.58	175	8.2
1270	DP 555BG/RR	1936	4.32	45.9	7.3	117	1.08	0.55	214	5.4
1397	DP 1050B2RF	1905	4.43	46.9	8.4	107	1.10	0.56	196	8.6
1399	DP 1034B2RF	1898	4.89	44.3	8.7	108	1.15	0.59	165	7.7
1396	DP 1048B2RF	1891	4.59	45.3	8.5	105	1.10	0.57	199	8.4
1403	PHX 4912WRF	1816	4.22	42.0	7.6	123	1.05	0.57	162	7.2
1387	ST 4288B2RF	1796	4.97	39.6	10.2	106	1.10	0.57	111	7.7
1389	PHY 565WRF	1790	4.44	42.8	9.1	109	1.05	0.57	216	8.7
1408	MD10	1658	4.75	44.7	8.0	120	1.10	0.57	233	6.4
1406	FM 9160B2F	1625	4.80	41.7	9.5	137	1.10	0.58	184	6.4
1407	MD25y	1597	5.44	39.2	10.5	140	1.18	0.61	194	6.1
1402	TAM 03WZ-37	1563	5.05	40.2	9.0	129	1.10	0.57	223	6.2
1405	FM 1773LLB2	1534	5.32	39.3	10.6	128	1.10	0.53	219	5.3
1395	ARK 9803-23-04	1508	5.73	41.3	10.3	122	1.13	0.58	162	7.2
1394	ARK 0102-48	1479	5.54	39.3	10.7	147	1.20	0.59	189	6.0
1382	FM 1845LLB2	1378	5.12	40.1	10.1	142	1.05	0.58	226	6.8
795	MD 25ne	1372	5.41	40.1	10.1	147	1.20	0.64	255	5.9
1400	TAM 06WE-62-4	1358	5.96	39.9	11.0	144	1.15	0.59	248	6.1

1401	TAM 04WB-33s	1312	4.48	37.1	10.1	143	1.20	0.60	248	6.0
1166	PHYTOGEN 72	1169	4.98	40.6	10.0	144	1.10	0.59	245	6.7
.	LSD	200	0.29	0.8	0.9	17	0.08	0.04	96	1.8

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)												
VARIETY	VARIETY	MICRO	2.5%	UNIFO-	STRE-	COLORIMETER			MICRO-	SEED	NITR	
CODE	NAME	NAIRE	S.L.	MITY	NGTH	HUNTER'S			NAIRE	YIELD	OGEN	
		(reading)	(in.)	(%)	(g/tex)	E	RD	b	(Reading)	(lb/ac)	(%)	
1390	PHY 367WRF	5.05	1.15	83.2	29.5	7.6	75.0	8.8	5.05	2593	3.11	2.61
1398	DP 1032B2RF	4.70	1.20	83.7	30.5	7.2	74.5	8.0	4.80	2442	3.44	3.14
1404	PHY 499WRF	5.20	1.10	84.9	32.0	8.3	74.0	8.0	5.10	2270	3.54	2.97
1270	DP 555BG/RR	4.90	1.10	81.2	28.5	6.5	76.5	7.5	5.00	2283	3.64	2.95
1397	DP 1050B2RF	4.95	1.15	82.8	28.0	7.3	76.0	8.8	4.95	2158	2.95	2.97
1399	DP 1034B2RF	4.70	1.20	84.1	29.5	7.6	74.0	8.8	4.75	2382	2.94	2.87
1396	DP 1048B2RF	4.85	1.20	83.9	29.0	7.5	76.0	9.2	4.80	2278	2.67	3.08
1403	PHX 4912WRF	4.65	1.20	83.1	30.5	7.1	77.5	7.6	4.55	2513	2.94	2.82
1387	ST 4288B2RF	5.05	1.20	82.4	28.0	7.0	77.0	5.8	4.85	2739	2.87	2.77
1389	PHY 565WRF	4.95	1.15	83.2	31.0	7.9	76.0	8.7	4.85	2392	3.68	2.79
1408	MD10	4.65	1.20	82.8	32.5	7.4	76.0	7.7	4.60	2049	3.53	2.89
1406	FM 9160B2F	4.55	1.20	84.1	30.5	6.5	77.0	8.1	4.55	2276	3.56	2.61
1407	MD25y	4.55	1.20	85.8	36.0	7.3	76.5	7.6	4.45	2473	3.50	3.18
1402	TAM 03WZ-37	5.15	1.20	83.8	34.0	7.7	75.5	8.3	5.05	2328	3.65	2.84
1405	FM 1773LLB2	5.10	1.20	82.1	31.0	6.8	76.0	7.9	5.10	2362	3.53	2.64
1395	ARK 9803-23-04	4.90	1.20	83.9	31.0	7.5	76.0	6.9	4.80	2145	3.36	3.24
1394	ARK 0102-48	5.05	1.25	85.3	35.5	7.5	76.0	8.0	5.05	2282	3.18	2.95
1382	FM 1845LLB2	5.00	1.20	84.2	32.5	7.0	74.5	8.4	5.00	2055	2.96	3.06
795	MD 25ne	4.60	1.25	85.1	35.0	7.4	74.5	8.1	4.60	2055	3.18	2.90
1400	TAM 06WE-62-4	4.75	1.20	85.1	37.0	7.6	73.5	8.0	4.75	2041	3.85	2.90
1401	TAM 04WB-33s	4.20	1.30	85.7	36.0	7.6	77.5	5.4	4.05	2226	3.12	2.83
1166	PHYTOGEN 72	5.15	1.20	83.2	34.0	7.3	72.5	9.3	5.00	1708	3.48	3.22
.	LSD	0.40	0.07	1.3	1.8	0.4	3.0	2.4	0.31	288	0.98	0.55

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

1390	PHY 367WRF	0.53	0.87	1.39	406	16.0	1.46	95	45.00	4.29	3.2
1398	DP 1032B2RF	0.51	0.66	1.17	429	19.8	1.55	92	45.22	4.08	3.0
1404	PHY 499WRF	0.47	0.85	1.32	415	15.3	1.44	96	43.65	4.08	3.2
1270	DP 555BG/RR	0.42	0.66	1.07	410	16.3	1.47	95	44.84	4.23	3.1
1397	DP 1050B2RF	0.55	0.87	1.42	428	23.0	1.62	89	47.45	4.30	2.9
1399	DP 1034B2RF	0.49	0.77	1.26	429	24.5	1.65	87	48.26	4.35	2.9
1396	DP 1048B2RF	0.55	0.89	1.44	420	23.5	1.63	88	48.71	4.49	3.0
1403	PHX 4912WRF	0.51	0.78	1.29	478	23.0	1.62	89	42.48	3.44	2.6
1387	ST 4288B2RF	0.54	1.16	1.70	419	23.3	1.63	88	48.72	4.51	3.0
1389	PHY 565WRF	0.52	0.85	1.37	422	17.5	1.50	94	44.39	4.07	3.0
1408	MD10	0.40	0.68	1.08	444	24.0	1.64	88	46.36	4.04	2.8
1406	FM 9160B2F	0.31	0.63	0.94	448	18.3	1.51	93	42.35	3.66	2.9
1407	MD25y	0.64	0.80	1.44	438	20.8	1.57	91	44.89	3.96	2.9
1402	TAM 03WZ-37	0.47	0.74	1.20	449	13.5	1.40	97	39.07	3.39	3.0
1405	FM 1773LLB2	0.46	0.78	1.24	408	14.3	1.42	96	43.57	4.13	3.2
1395	ARK 9803-23-04	0.39	0.59	0.98	417	18.5	1.52	93	45.60	4.23	3.1
1394	ARK 0102-48	0.54	0.80	1.34	439	21.0	1.57	91	44.67	3.95	2.9
1382	FM 1845LLB2	0.52	0.77	1.29	414	16.0	1.46	95	44.23	4.13	3.1
795	MD 25ne	0.66	0.92	1.58	433	18.8	1.52	93	44.15	3.95	3.0
1400	TAM 06WE-62-4	0.47	0.68	1.15	401	12.5	1.37	98	42.90	4.15	3.3
1401	TAM 04WB-33s	0.36	0.68	1.03	462	25.3	1.67	87	45.33	3.80	2.7
1166	PHYTOGEN 72	0.44	0.69	1.13	412	10.8	1.33	100	40.43	3.80	3.3
.	LSD	0.04	0.04	0.10	35.8	7.6	0.18	6	4.58	0.58	0.3

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LOCATION=PORTAGEVILLE, MO

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)	E1 (%)
1390	PHY 367WRF	1656	.	39.0	.	.	.	.	.	.
1404	PHY 499WRF	1511	.	42.0	.	.	.	.	.	.
1387	ST 4288B2RF	1355	.	35.0	.	.	.	.	.	.
1398	DP 1032B2RF	1324	.	39.8	.	.	.	.	.	.

795	MD 25ne	1322	.	34.8	.	.	.	.	.	.
1407	MD25y	1316	.	36.0	.	.	.	.	.	.
1395	ARK 9803-23-04	1310	.	36.5	.	.	.	.	.	.
1394	ARK 0102-48	1280	.	32.8	.	.	.	.	.	.
1399	DP 1034B2RF	1274	.	39.8	.	.	.	.	.	.
1405	FM 1773LLB2	1224	.	34.0	.	.	.	.	.	.
1382	FM 1845LLB2	1182	.	34.8	.	.	.	.	.	.
1396	DP 1048B2RF	1163	.	41.5	.	.	.	.	.	.
1389	PHY 565WRF	1155	.	36.8	.	.	.	.	.	.
1402	TAM 03WZ-37	1143	.	35.8	.	.	.	.	.	.
1397	DP 1050B2RF	1124	.	40.8	.	.	.	.	.	.
1400	TAM 06WE-62-4	1015	.	35.5	.	.	.	.	.	.
1401	TAM 04WB-33s	990	.	33.3	.	.	.	.	.	.
1408	MD10	970	.	36.3	.	.	.	.	.	.
1270	DP 555BG/RR	959	.	39.8	.	.	.	.	.	.
1403	PHX 4912WRF	904	.	35.5	.	.	.	.	.	.
1166	PHYTOGEN 72	877	.	35.0	.	.	.	.	.	.
1406	FM 9160B2F	786	.	34.0	.	.	.	.	.	.
.	LSD	215	.	2.9	.	.	.	.	.	.

VARIETY CODE	VARIETY NAME	MICRO NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)					SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)	
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	COLORIMETER HUNTER'S RD b				MICRO- NAIRE (Reading)
1390	PHY 367WRF	.	.	.	.	.	.	.	2590	.	.
1404	PHY 499WRF	.	.	.	.	.	.	.	2070	.	.
1387	ST 4288B2RF	.	.	.	.	.	.	.	2515	.	.
1398	DP 1032B2RF	.	.	.	.	.	.	.	2008	.	.
795	MD 25ne	.	.	.	.	.	.	.	2480	.	.
1407	MD25y	.	.	.	.	.	.	.	2328	.	.
1395	ARK 9803-23-04	.	.	.	.	.	.	.	2281	.	.
1394	ARK 0102-48	.	.	.	.	.	.	.	2606	.	.
1399	DP 1034B2RF	.	.	.	.	.	.	.	1928	.	.
1405	FM 1773LLB2	2376	.	.
1382	FM 1845LLB2	2217	.	.
1396	DP 1048B2RF	1640	.	.
1389	PHY 565WRF	1985	.	.

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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 2.5% S.L. (INCHES)	FIBROGRAPH 50% S.L. (INCHES)	STELOMETER T1 (mN/tex)	E1 (%)
1397	DP 1050B2RF	2273	5.39	47.9	.	85	1.11	0.56	186	9.0
1398	DP 1032B2RF	2137	5.18	47.1	.	103	1.15	0.54	193	7.9
1390	PHY 367WRF	2118	4.74	47.0	.	93	1.10	0.55	201	7.8
1399	DP 1034B2RF	2096	5.58	48.0	.	87	1.10	0.58	201	9.0
1406	FM 9160B2F	2080	5.73	45.1	.	117	1.21	0.59	216	6.7
1382	FM 1845LLB2	2056	6.01	42.5	.	107	1.19	0.58	114	6.3
1270	DP 555BG/RR	2046	4.94	48.1	.	96	1.12	0.53	172	6.0
1407	MD25y	2032	5.89	43.2	.	113	1.17	0.59	226	7.9
1408	MD10	2008	5.35	48.1	.	104	1.13	0.58	209	8.0
1387	ST 4288B2RF	1992	5.80	43.9	.	90	1.14	0.55	192	7.7
1402	TAM 03WZ-37	1908	5.61	43.4	.	114	1.16	0.60	226	7.5
1404	PHY 499WRF	1892	5.59	47.1	.	95	1.12	0.58	209	8.8
795	MD 25ne	1872	5.60	42.8	.	124	1.18	0.61	241	7.1
1395	ARK 9803-23-04	1825	6.44	45.0	.	95	1.05	0.59	206	7.0
1403	PHX 4912WRF	1806	5.02	44.5	.	101	1.20	0.60	217	9.0
1401	TAM 04WB-33s	1769	5.85	40.3	.	121	1.20	0.61	245	6.8
1400	TAM 06WE-62-4	1767	6.88	43.2	.	120	1.20	0.61	264	6.9
1396	DP 1048B2RF	1764	5.24	49.0	.	87	1.10	0.57	98	7.5
1394	ARK 0102-48	1748	5.75	41.5	.	126	1.25	0.60	201	7.0
1405	FM 1773LLB2	1746	5.83	43.5	.	116	1.19	0.55	212	5.2
1389	PHY 565WRF	1698	4.79	46.1	.	86	1.13	0.57	202	9.3
1166	PHYTOGEN 72	1608	5.86	42.5	.	113	1.15	0.58	230	7.5
.	LSD	301	0.48	1.5	.	8	0.10	0.04	76	1.3

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)												
VARIETY	VARIETY	MICRO	2.5%	UNIFO-	STRE-	COLORIMETER			MICRO-	SEED	NITR	
CODE	NAME	NAIRE	S.L.	MITY	NGTH	HUNTER'S			NAIRE	YIELD	OIL	OGEN
		(reading)	(in.)	(%)	(g/tex)	E	RD	b	(Reading)	(lb/ac)	(%)	(%)
1397	DP 1050B2RF	5.00	1.15	83.3	28.0	8.0	75.5	8.6	4.95	2495	2.06	3.38
1398	DP 1032B2RF	5.00	1.20	83.5	29.5	7.5	76.5	8.3	5.00	2415	1.96	3.33
1390	PHY 367WRF	4.90	1.10	82.9	29.0	7.9	75.0	9.0	4.90	2389	2.43	3.24
1399	DP 1034B2RF	4.95	1.20	84.4	29.0	8.2	76.5	8.7	4.95	2286	2.40	3.50
1406	FM 9160B2F	4.65	1.20	84.2	31.0	6.8	79.0	8.0	4.55	2533	2.46	3.28
1382	FM 1845LLB2	4.90	1.25	84.6	33.5	7.3	75.5	8.5	4.80	2803	2.13	3.14
1270	DP 555BG/RR	4.75	1.15	82.0	28.0	6.6	78.0	7.6	5.05	2208	2.64	3.27
1407	MD25y	5.10	1.20	83.3	33.5	7.8	75.5	8.6	5.00	2676	2.66	3.01
1408	MD10	4.60	1.15	83.7	31.0	7.4	76.0	8.2	4.60	2172	2.89	3.35
1387	ST 4288B2RF	5.15	1.15	83.1	27.5	7.2	74.0	8.3	5.15	2567	2.83	3.34
1402	TAM 03WZ-37	4.90	1.15	83.6	34.0	8.3	75.0	8.2	5.00	2489	2.73	2.75
1404	PHY 499WRF	5.20	1.15	83.8	31.0	8.6	75.5	8.5	5.15	2143	2.70	3.05
795	MD 25ne	4.85	1.20	84.9	33.0	7.6	76.0	8.6	4.85	2504	2.67	3.19
1395	ARK 9803-23-04	4.95	1.20	83.3	29.0	7.7	77.0	8.1	4.90	2225	2.73	3.39
1403	PHX 4912WRF	4.35	1.20	84.5	31.0	8.1	77.0	7.6	4.35	2245	2.58	2.72
1401	TAM 04WB-33s	4.30	1.20	85.7	34.0	7.6	76.5	7.7	4.20	2648	2.12	3.03
1400	TAM 06WE-62-4	4.90	1.20	85.3	36.5	8.2	76.5	8.2	4.85	2328	2.18	2.77
1396	DP 1048B2RF	5.05	1.15	83.7	28.0	7.8	76.5	8.6	5.00	1837	2.38	3.60
1394	ARK 0102-48	5.45	1.25	85.4	35.0	7.6	77.5	8.1	5.20	2467	2.26	3.06
1405	FM 1773LLB2	5.10	1.20	83.4	31.0	6.8	74.5	8.1	5.15	2271	2.10	3.19
1389	PHY 565WRF	4.95	1.10	83.1	28.5	7.9	75.5	8.5	4.95	1985	3.00	2.76
1166	PHYTOGEN 72	5.05	1.20	83.0	32.0	8.0	73.0	8.8	4.75	2181	2.16	3.28
.	LSD	0.34	0.10	1.4	1.8	0.5	2.7	0.7	0.29	445	0.65	0.41

---GOSSYPOL LEVELS---												
-----AREALOMETER DATA-----												
VARIETY	VARIETY	PLUS	MINUS	TOTAL	A	D	I	M	p	w	t	
CODE	NAME	(+)	(-)	(%)	--- (mm2/mm3) ---			(%)	(microns)	(mg/in)	(microns)	
1397	DP 1050B2RF	0.65	0.91	1.56	406	21.5	1.59	90	48.92	4.66	3.1	
1398	DP 1032B2RF	0.62	0.77	1.38	400	20.5	1.56	91	48.88	4.72	3.2	
1390	PHY 367WRF	0.62	0.83	1.45	408	20.0	1.55	92	47.56	4.51	3.1	
1399	DP 1034B2RF	0.64	0.92	1.56	417	28.0	1.71	85	51.47	4.77	3.0	

1406	FM 9160B2F	0.48	0.75	1.23	421	15.5	1.44	96	42.98	3.96	3.1
1382	FM 1845LLB2	0.63	0.79	1.42	420	23.5	1.63	89	48.49	4.47	3.0
1270	DP 555BG/RR	0.62	0.79	1.41	443	29.0	1.74	84	49.44	4.34	2.8
1407	MD25y	0.85	1.00	1.85	420	19.5	1.53	92	45.67	4.20	3.0
1408	MD10	0.54	0.81	1.34	430	25.0	1.65	88	47.88	4.31	2.9
1387	ST 4288B2RF	0.57	0.92	1.48	408	25.5	1.67	87	51.32	4.88	3.0
1402	TAM 03WZ-37	0.71	0.96	1.66	413	23.5	1.63	88	49.51	4.63	3.0
1404	PHY 499WRF	0.56	0.87	1.42	426	28.0	1.72	85	50.82	4.62	2.9
795	MD 25ne	0.79	0.96	1.75	416	25.5	1.67	87	50.25	4.67	3.0
1395	ARK 9803-23-04	0.46	0.62	1.08	415	20.0	1.54	92	46.64	4.36	3.1
1403	PHX 4912WRF	0.70	0.93	1.63	453	21.5	1.59	90	43.94	3.75	2.8
1401	TAM 04WB-33s	0.56	0.83	1.38	445	26.0	1.67	87	47.09	4.09	2.8
1400	TAM 06WE-62-4	0.75	0.92	1.67	425	17.5	1.50	94	44.15	4.02	3.0
1396	DP 1048B2RF	0.60	0.89	1.49	418	21.5	1.58	90	47.35	4.38	3.0
1394	ARK 0102-48	0.59	0.80	1.39	396	13.5	1.40	97	44.35	4.34	3.3
1405	FM 1773LLB2	0.59	0.80	1.39	386	13.5	1.40	97	45.45	4.56	3.5
1389	PHY 565WRF	0.71	0.98	1.69	434	24.5	1.65	88	47.71	4.25	2.9
1166	PHYTOGEN 72	0.53	0.67	1.19	406	14.0	1.39	98	42.95	4.09	3.3
.	LSD	0.10	0.10	0.24	27.4	9.9	0.22	9	5.49	0.53	0.3

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LOCATION=KEISER, AR

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)	E1 (%)
1404	PHY 499WRF	1052	3.99	9.2	7.8	121	1.10	0.59	248	7.9
1395	ARK 9803-23-04	982	4.44	10.2	7.2	128	1.20	0.61	196	6.9
1407	MD25y	974	4.79	10.1	7.1	150	1.10	0.61	243	4.8
1399	DP 1034B2RF	945	4.50	9.1	7.1	106	1.10	0.55	165	7.4
1389	PHY 565WRF	899	3.61	9.3	6.7	120	1.10	0.59	241	8.3
1390	PHY 367WRF	898	3.90	9.2	7.1	116	1.10	0.61	233	8.3

1387	ST 4288B2RF	834	4.19	10.4	6.5	113	1.10	0.56	167	5.4
795	MD 25ne	831	4.44	10.2	6.6	154	1.08	0.62	280	5.0
1397	DP 1050B2RF	823	3.81	9.1	7.4	111	1.10	0.57	214	7.7
1396	DP 1048B2RF	819	3.81	8.8	6.8	104	1.15	0.60	209	7.3
1382	FM 1845LLB2	781	4.44	11.3	7.1	138	1.20	0.60	199	5.0
1394	ARK 0102-48	780	4.62	11.6	7.1	155	1.20	0.63	260	5.8
1398	DP 1032B2RF	740	3.81	8.8	6.8	131	1.08	0.59	130	6.2
1403	PHX 4912WRF	737	3.99	8.4	5.4	132	1.20	0.61	263	6.5
1270	DP 555BG/RR	705	3.91	8.1	6.4	120	1.05	0.54	199	4.8
1400	TAM 06WE-62-4	679	4.49	11.2	7.4	152	1.20	0.63	297	5.7
1405	FM 1773LLB2	677	4.29	11.6	7.2	146	1.13	0.58	253	4.3
1402	TAM 03WZ-37	671	4.39	10.5	7.1	132	1.13	0.62	194	6.2
1408	MD10	670	3.97	8.9	6.8	130	1.10	0.59	179	5.5
1166	PHYTOGEN 72	649	4.24	10.4	6.5	142	1.20	0.63	275	7.7
1401	TAM 04WB-33s	609	3.69	9.9	5.8	159	1.20	0.62	231	5.9
1406	FM 9160B2F	440	4.07	10.6	7.5	138	1.10	0.58	253	4.2
.	LSD	158	0.64	0.9	0.6	12	0.07	0.03	114	0.8

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

VARIETY	VARIETY	MICRO	2.5%	UNIFO-	STRE-		COLORIMETER	MICRO-	SEED		NITR	
CODE	NAME	NAIRE	S.L.	MITY	NGTH	E	HUNTER'S	NAIRE	YIELD	OIL	OGEN	
		(reading)	(in.)	(%)	(g/tex)		RD	b	(Reading)	(lb/ac)	(%)	(%)
1404	PHY 499WRF	4.95	1.20	84.3	32.5	7.9	67.0	7.6	5.10	9612	2.47	3.40
1395	ARK 9803-23-04	4.70	1.20	84.8	33.0	7.6	71.5	6.8	4.85	8082	2.20	3.66
1407	MD25y	4.75	1.20	84.8	34.5	7.1	67.5	7.1	4.75	8623	2.96	3.32
1399	DP 1034B2RF	5.05	1.20	82.9	29.0	7.2	72.5	8.9	5.10	9947	2.96	3.98
1389	PHY 565WRF	4.70	1.20	84.0	33.0	7.5	69.5	7.9	4.70	8567	2.13	3.31
1390	PHY 367WRF	4.60	1.20	83.7	31.0	7.3	67.5	7.4	4.70	8669	3.03	3.50
1387	ST 4288B2RF	4.60	1.20	82.9	28.0	6.8	67.5	8.2	4.60	7147	3.21	3.28
795	MD 25ne	4.60	1.20	84.4	35.5	7.2	69.5	7.7	4.55	7800	2.59	3.57
1397	DP 1050B2RF	4.95	1.20	83.6	30.0	7.2	70.5	9.6	5.05	7629	2.88	3.71
1396	DP 1048B2RF	4.70	1.20	84.6	30.0	7.5	69.5	8.8	4.90	7485	2.51	3.91
1382	FM 1845LLB2	5.00	1.20	84.6	34.0	7.1	72.0	7.7	5.00	6106	2.20	3.04
1394	ARK 0102-48	5.15	1.30	85.3	37.5	7.7	69.0	8.2	5.25	5678	2.06	3.15
1398	DP 1032B2RF	4.70	1.20	84.0	32.5	7.1	69.5	7.5	4.75	8633	2.73	3.86
1403	PHX 4912WRF	4.25	1.30	85.0	33.5	7.3	75.5	7.6	4.20	7920	2.75	3.37
1270	DP 555BG/RR	4.65	1.15	82.6	30.0	6.5	72.0	7.8	4.90	8687	3.01	3.25

1400	TAM 06WE-62-4	4.85	1.25	85.1	38.5	8.0	70.0	8.5	4.80	5823	2.76	3.27
1405	FM 1773LLB2	5.20	1.20	83.8	35.0	7.0	70.0	7.4	5.25	4563	2.93	3.22
1402	TAM 03WZ-37	5.00	1.20	83.9	37.5	7.7	70.5	7.9	5.00	5656	2.88	3.52
1408	MD10	5.15	1.10	82.0	33.5	7.6	68.5	8.3	5.25	6585	3.00	3.71
1166	PHYTOGEN 72	4.65	1.25	84.6	38.0	8.0	71.0	8.7	4.85	5750	2.63	3.50
1401	TAM 04WB-33s	3.85	1.30	85.5	38.5	7.5	74.0	8.0	3.95	4896	2.66	3.35
1406	FM 9160B2F	4.70	1.20	85.0	32.0	6.4	69.0	7.4	4.70	3505	2.70	3.22
.	LSD	0.30	0.05	1.3	2.2	0.5	3.6	1.0	0.40	2533	0.79	0.33

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1404	PHY 499WRF	0.33	0.53	0.86	404	20.3	1.56	91	48.39	4.64	3.1
1395	ARK 9803-23-04	0.27	0.37	0.64	419	21.3	1.58	90	47.32	4.37	3.0
1407	MD25y	0.58	0.69	1.26	418	23.8	1.64	89	49.10	4.55	3.0
1399	DP 1034B2RF	0.40	0.69	1.08	411	24.0	1.64	88	49.97	4.70	3.0
1389	PHY 565WRF	0.42	0.67	1.09	417	22.8	1.61	90	48.59	4.51	3.0
1390	PHY 367WRF	0.37	0.51	0.87	423	23.3	1.62	89	48.23	4.42	3.0
1387	ST 4288B2RF	0.44	0.84	1.28	434	27.8	1.72	85	49.65	4.43	2.8
795	MD 25ne	0.57	0.75	1.32	430	22.0	1.60	90	46.55	4.19	2.9
1397	DP 1050B2RF	0.45	0.74	1.19	407	23.0	1.62	89	49.85	4.73	3.1
1396	DP 1048B2RF	0.42	0.74	1.16	425	23.0	1.62	89	47.76	4.34	3.0
1382	FM 1845LLB2	0.44	0.62	1.06	403	18.3	1.52	93	47.14	4.53	3.2
1394	ARK 0102-48	0.41	0.53	0.94	391	17.3	1.49	94	47.77	4.73	3.3
1398	DP 1032B2RF	0.40	0.52	0.92	425	24.3	1.65	88	48.59	4.42	2.9
1403	PHX 4912WRF	0.41	0.60	1.00	461	24.0	1.64	88	44.58	3.74	2.7
1270	DP 555BG/RR	0.34	0.56	0.90	408	19.8	1.54	92	47.55	4.51	3.1
1400	TAM 06WE-62-4	0.36	0.51	0.86	412	16.0	1.46	95	44.23	4.16	3.2
1405	FM 1773LLB2	0.39	0.59	0.98	388	17.8	1.50	94	48.48	4.83	3.3
1402	TAM 03WZ-37	0.34	0.53	0.87	397	18.0	1.51	93	47.69	4.65	3.2
1408	MD10	0.39	0.67	1.06	391	18.8	1.52	93	48.72	4.82	3.3
1166	PHYTOGEN 72	0.31	0.47	0.78	420	14.3	1.42	96	42.30	3.89	3.1
1401	TAM 04WB-33s	0.29	0.50	0.79	477	34.5	1.85	80	48.44	3.92	2.6
1406	FM 9160B2F	0.25	0.44	0.69	427	18.8	1.52	92	44.70	4.05	3.0
.	LSD	0.05	0.05	0.13	26.0	7.8	0.17	6	3.53	0.42	0.2

LOCATION=FLORENCE, SC

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)	E1 (%)
1396	DP 1048B2RF	1348	5.09	45.5	8.6	122	1.15	0.61	211	8.0
1404	PHY 499WRF	1297	5.13	45.5	9.0	98	1.05	0.56	170	8.0
1399	DP 1034B2RF	1208	5.04	44.8	8.5	85	1.05	0.56	145	7.5
1270	DP 555BG/RR	1164	4.85	44.1	7.6	102	1.00	0.54	189	6.2
1389	PHY 565WRF	1116	4.51	41.9	8.9	101	1.08	0.56	160	8.0
1403	PHX 4912WRF	1089	4.59	39.6	8.3	105	1.10	0.57	214	7.7
1406	FM 9160B2F	1082	5.27	41.3	9.3	119	1.10	0.59	170	5.0
1390	PHY 367WRF	1080	4.58	42.8	8.6	96	1.03	0.57	167	6.4
1382	FM 1845LLB2	1063	5.65	40.4	10.6	118	1.10	0.59	221	5.3
1398	DP 1032B2RF	1045	5.09	44.0	8.6	105	1.05	0.57	214	6.7
1397	DP 1050B2RF	1040	5.00	46.0	8.7	91	1.05	0.57	196	8.0
1387	ST 4288B2RF	1010	5.25	40.9	9.9	110	1.03	0.55	194	7.3
1405	FM 1773LLB2	982	5.63	39.3	10.8	116	1.05	0.53	219	4.7
1407	MD25y	777	6.09	41.4	10.9	134	1.10	0.60	189	5.4
795	MD 25ne	715	5.68	40.4	10.6	128	1.10	0.60	137	6.5
1395	ARK 9803-23-04	678	6.24	40.9	11.5	110	1.05	0.55	162	8.7
1394	ARK 0102-48	645	6.09	38.9	11.8	139	1.20	0.62	260	6.5
1400	TAM 06WE-62-4	598	5.93	39.6	11.6	131	1.10	0.62	278	8.5
1401	TAM 04WB-33s	597	5.08	36.7	10.8	130	1.20	0.64	260	6.6
1166	PHYTOGEN 72	550	5.38	39.0	10.3	123	1.10	0.59	270	7.5
1402	TAM 03WZ-37	548	5.36	40.1	10.4	114	1.10	0.60	235	7.3
1408	MD10	526	5.14	42.7	9.2	119	1.10	0.59	226	6.3
.	LSD	210	0.30	1.0	0.7	14	0.09	0.04	84	1.1

MICRO SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)
 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 (%)
1396	DP 1048B2RF	5.40	1.15	83.3	30.5	7.7	65.5	7.6	5.35	1614	4.16	3.33
1404	PHY 499WRF	5.80	1.10	81.9	32.0	8.8	65.0	8.5	5.85	1555	3.36	3.38
1399	DP 1034B2RF	5.50	1.10	81.3	27.5	7.7	66.5	8.2	5.35	1488	4.00	3.23
1270	DP 555BG/RR	5.25	1.10	80.2	27.5	6.7	68.0	7.5	5.35	1478	2.76	3.14
1389	PHY 565WRF	5.30	1.15	82.5	29.5	7.5	64.5	8.4	5.25	1541	2.59	3.57
1403	PHX 4912WRF	4.80	1.20	82.9	31.7	7.5	67.0	7.1	4.70	1661	2.77	3.21
1406	FM 9160B2F	5.05	1.15	82.6	31.5	6.6	64.0	7.3	5.05	1538	3.27	2.97
1390	PHY 367WRF	5.45	1.10	81.7	31.0	8.1	65.0	8.6	5.40	1448	3.12	3.30
1382	FM 1845LLB2	5.90	1.15	82.4	32.0	7.3	65.5	8.1	5.80	1571	3.10	3.25
1398	DP 1032B2RF	5.40	1.20	82.3	31.5	7.6	65.0	8.0	5.40	1336	4.70	3.52
1397	DP 1050B2RF	5.45	1.10	82.5	28.0	7.7	66.5	8.2	5.40	1223	3.89	3.53
1387	ST 4288B2RF	5.45	1.15	81.6	28.0	7.0	66.0	8.6	5.45	1462	3.20	3.37
1405	FM 1773LLB2	5.55	1.20	82.1	32.0	6.9	68.5	7.9	5.55	1520	3.83	3.13
1407	MD25y	5.50	1.20	82.7	35.0	7.5	65.5	7.4	5.50	1105	3.17	3.60
795	MD 25ne	5.30	1.15	83.1	36.5	7.5	65.0	8.3	5.25	1054	2.86	3.56
1395	ARK 9803-23-04	5.55	1.20	82.2	30.0	7.6	66.0	8.0	5.50	978	3.86	3.47
1394	ARK 0102-48	5.65	1.20	84.1	36.0	7.7	65.0	7.6	5.60	1015	4.09	3.16
1400	TAM 06WE-62-4	5.20	1.20	84.3	39.0	8.2	66.0	8.6	5.30	920	3.17	3.08
1401	TAM 04WB-33s	4.40	1.30	85.5	36.5	7.9	65.5	7.9	4.50	1030	2.53	3.21
1166	PHYTOGEN 72	4.90	1.20	82.2	34.5	7.5	66.0	9.0	4.90	859	3.20	3.59
1402	TAM 03WZ-37	4.95	1.20	83.3	35.5	8.0	65.5	8.3	5.00	820	2.55	3.41
1408	MD10	5.00	1.15	83.0	35.0	7.9	64.0	8.2	4.95	704	3.68	4.04
.	LSD	0.24	0.08	1.2	2.1	0.5	2.8	0.9	0.31	296	1.00	0.26

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1396	DP 1048B2RF	0.46	0.66	1.12	392	23.3	1.63	89	51.96	5.12	3.2
1404	PHY 499WRF	0.49	0.84	1.32	352	10.8	1.33	100	47.34	5.21	3.8
1399	DP 1034B2RF	0.53	0.76	1.28	389	19.8	1.55	92	50.01	4.99	3.3
1270	DP 555BG/RR	0.41	0.61	1.01	373	12.5	1.37	98	46.15	4.79	3.6
1389	PHY 565WRF	0.44	0.68	1.12	382	18.8	1.52	93	50.18	5.10	3.3
1403	PHX 4912WRF	0.51	0.74	1.24	422	19.3	1.54	92	45.72	4.19	3.0
1406	FM 9160B2F	0.38	0.66	1.04	394	9.8	1.30	101	41.43	4.08	3.5

1390	PHY 367WRF	0.54	0.78	1.32	388	14.5	1.43	96	46.01	4.59	3.4
1382	FM 1845LLB2	0.52	0.73	1.24	368	11.5	1.34	100	45.66	4.79	3.7
1398	DP 1032B2RF	0.51	0.72	1.22	387	15.3	1.44	96	46.77	4.68	3.4
1397	DP 1050B2RF	0.54	0.81	1.35	373	14.3	1.42	96	47.68	4.95	3.5
1387	ST 4288B2RF	0.54	0.98	1.52	371	14.5	1.43	96	48.15	5.02	3.5
1405	FM 1773LLB2	0.50	0.69	1.18	361	14.5	1.42	97	49.35	5.28	3.6
1407	MD25y	0.59	0.66	1.25	384	15.0	1.43	96	46.77	4.71	3.4
795	MD 25ne	0.68	0.86	1.53	386	10.3	1.31	100	42.58	4.26	3.6
1395	ARK 9803-23-04	0.42	0.62	1.03	375	15.3	1.44	96	48.20	4.97	3.5
1394	ARK 0102-48	0.51	0.69	1.20	371	12.0	1.36	99	46.07	4.82	3.6
1400	TAM 06WE-62-4	0.47	0.66	1.13	385	13.0	1.38	98	45.07	4.52	3.4
1401	TAM 04WB-33s	0.41	0.65	1.05	436	27.8	1.72	85	49.47	4.39	2.8
1166	PHYTOGEN 72	0.40	0.58	0.98	424	18.3	1.51	93	44.74	4.08	3.0
1402	TAM 03WZ-37	0.43	0.61	1.04	391	21.3	1.58	91	50.68	5.01	3.2
1408	MD10	0.41	0.63	1.04	406	22.5	1.61	89	49.69	4.74	3.1
.	LSD	0.12	0.12	0.36	24.8	5.1	0.13	5	3.66	0.52	0.3

LOCATION=BELLE MINA, AL

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL	FIBROGRAPH	STELOMETER	
		YIELD (LB/ACRE)	SIZE (G/BOLL)			TENACITY (Mn/tex)	2.5% S.L. (INCHES)	50% S.L. (INCHES)	T1 (mN/tex)	E1 (%)
1387	ST 4288B2RF	593	4.41	41.0	9.6	100	1.00	0.52	145	7.9
1395	ARK 9803-23-04	575	4.51	41.6	9.5	112	1.05	0.57	118	7.7
1404	PHY 499WRF	562	3.66	45.7	8.0	104	1.00	0.53	233	8.5
1399	DP 1034B2RF	554	3.77	43.6	7.7	94	1.00	0.53	191	8.5
1390	PHY 367WRF	553	3.59	42.9	7.9	92	1.03	0.54	209	8.3
1403	PHX 4912WRF	545	3.68	39.0	7.7	115	1.10	0.57	238	8.3
795	MD 25ne	509	4.12	40.0	9.2	116	1.05	0.57	236	6.3
1407	MD25y	509	4.15	40.8	9.0	120	1.00	0.55	238	6.9
1402	TAM 03WZ-37	491	4.11	40.8	8.8	117	1.08	0.56	238	8.3
1397	DP 1050B2RF	491	3.66	45.6	7.8	87	1.00	0.54	189	7.8
1270	DP 555BG/RR	488	3.86	43.9	7.1	114	1.00	0.51	130	5.9

1408	MD10	482	3.98	42.7	7.7	104	1.00	0.54	170	6.9
1400	TAM 06WE-62-4	476	4.91	40.9	10.3	127	1.10	0.57	260	8.0
1389	PHY 565WRF	467	3.60	41.2	8.3	105	1.00	0.53	219	8.8
1401	TAM 04WB-33s	437	4.00	36.8	9.7	124	1.10	0.57	270	7.8
1394	ARK 0102-48	435	4.42	38.1	10.3	137	1.10	0.55	137	5.8
1405	FM 1773LLB2	431	4.50	38.9	9.6	117	1.03	0.53	199	5.4
1398	DP 1032B2RF	418	3.91	43.5	7.7	108	1.00	0.52	147	7.5
1382	FM 1845LLB2	391	4.24	40.0	9.5	124	1.08	0.57	219	7.0
1166	PHYTOGEN 72	382	4.06	39.7	8.8	127	1.00	0.55	231	7.8
1406	FM 9160B2F	368	4.17	40.8	9.0	120	1.00	0.55	167	5.3
1396	DP 1048B2RF	358	3.79	43.4	7.4	84	1.00	0.52	191	7.9
.	LSD	151	0.41	1.3	0.8	10	0.05	0.03	85	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)	E	COLORIMETER HUNTER'S RD	b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1387	ST 4288B2RF	4.55	1.10	82.0	28.0	6.9	73.5	9.7	4.60	859	5.38	3.55
1395	ARK 9803-23-04	4.70	1.10	82.4	32.0	7.5	76.0	8.9	4.70	808	4.68	3.82
1404	PHY 499WRF	4.75	1.10	81.9	32.0	8.3	73.0	9.8	4.65	670	3.48	3.91
1399	DP 1034B2RF	4.50	1.05	81.6	28.5	7.6	75.5	9.2	4.50	715	5.19	4.14
1390	PHY 367WRF	4.05	1.10	82.2	31.5	7.5	72.0	9.3	4.10	738	3.96	3.87
1403	PHX 4912WRF	4.00	1.15	83.0	33.5	7.7	77.0	8.3	4.10	853	2.94	3.63
795	MD 25ne	4.30	1.15	83.6	35.5	7.5	75.5	9.5	4.30	770	5.14	3.72
1407	MD25y	4.15	1.10	83.7	33.5	7.0	74.0	9.6	4.20	742	3.26	3.84
1402	TAM 03WZ-37	4.45	1.10	82.8	35.0	7.5	72.5	8.8	4.45	711	4.40	3.89
1397	DP 1050B2RF	4.35	1.10	81.5	27.5	7.2	75.5	9.8	4.40	585	4.27	4.06
1270	DP 555BG/RR	4.45	1.05	80.5	29.0	6.4	77.5	8.6	4.40	625	5.43	3.86
1408	MD10	4.10	1.05	81.0	32.0	7.3	73.5	9.5	4.10	653	2.81	3.73
1400	TAM 06WE-62-4	4.70	1.15	83.8	38.5	8.3	73.0	10.0	4.70	690	5.63	3.46
1389	PHY 565WRF	4.45	1.10	82.8	30.5	8.0	71.0	10.0	4.45	668	2.81	3.76
1401	TAM 04WB-33s	4.25	1.20	83.9	36.0	7.6	76.5	9.1	4.25	748	4.83	3.85
1394	ARK 0102-48	4.65	1.20	83.7	35.0	7.4	75.5	9.3	4.70	706	3.69	3.71
1405	FM 1773LLB2	4.55	1.10	81.7	31.5	6.7	75.5	9.1	4.50	680	5.22	3.64
1398	DP 1032B2RF	4.30	1.10	82.0	28.5	6.8	75.5	9.5	4.30	546	5.60	3.92
1382	FM 1845LLB2	4.75	1.10	82.4	31.5	7.1	74.0	9.3	4.75	591	4.19	3.81
1166	PHYTOGEN 72	4.15	1.05	81.2	33.0	7.5	74.0	8.9	4.15	577	4.25	4.00
1406	FM 9160B2F	3.90	1.10	82.1	30.0	6.3	75.0	8.9	3.95	539	4.35	3.67

1396	DP 1048B2RF	4.05	1.10	81.0	28.0	7.5	75.0	10.0	4.00	466	4.17	4.15
.	LSD	0.39	0.08	1.3	2.4	0.4	2.4	1.0	0.37	225	1.06	0.22

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1387	ST 4288B2RF	0.33	0.68	1.00	434	21.8	1.59	90	46.03	4.11	2.9
1395	ARK 9803-23-04	0.24	0.36	0.59	422	20.5	1.57	91	46.44	4.25	3.0
1404	PHY 499WRF	0.28	0.54	0.82	428	17.3	1.49	94	43.60	3.94	3.0
1399	DP 1034B2RF	0.29	0.55	0.84	452	23.5	1.63	89	45.14	3.86	2.8
1390	PHY 367WRF	0.29	0.47	0.76	445	22.8	1.61	89	45.51	3.97	2.8
1403	PHX 4912WRF	0.33	0.55	0.88	475	20.8	1.57	91	41.31	3.36	2.7
795	MD 25ne	0.41	0.61	1.02	455	23.3	1.62	89	44.66	3.81	2.8
1407	MD25y	0.38	0.53	0.91	460	23.5	1.63	89	44.49	3.75	2.7
1402	TAM 03WZ-37	0.30	0.53	0.82	443	20.3	1.54	92	43.47	3.78	2.9
1397	DP 1050B2RF	0.33	0.60	0.93	446	25.0	1.65	87	46.35	4.02	2.8
1270	DP 555BG/RR	0.24	0.43	0.67	469	28.3	1.73	85	46.22	3.81	2.6
1408	MD10	0.27	0.51	0.78	458	23.8	1.63	88	44.49	3.76	2.8
1400	TAM 06WE-62-4	0.24	0.39	0.63	442	14.8	1.43	96	40.51	3.55	3.0
1389	PHY 565WRF	0.33	0.56	0.89	450	20.5	1.56	91	43.36	3.72	2.8
1401	TAM 04WB-33s	0.25	0.45	0.70	490	26.0	1.68	87	43.00	3.40	2.5
1394	ARK 0102-48	0.32	0.49	0.80	433	13.5	1.40	97	40.49	3.62	3.0
1405	FM 1773LLB2	0.29	0.47	0.75	443	18.3	1.51	93	42.61	3.72	2.9
1398	DP 1032B2RF	0.32	0.51	0.83	453	20.5	1.57	91	43.30	3.69	2.8
1382	FM 1845LLB2	0.32	0.51	0.83	426	12.0	1.36	99	39.97	3.63	3.2
1166	PHYTOGEN 72	0.22	0.37	0.59	469	21.0	1.57	91	42.09	3.47	2.7
1406	FM 9160B2F	0.22	0.46	0.68	470	17.0	1.48	94	39.70	3.29	2.8
1396	DP 1048B2RF	0.30	0.57	0.86	463	30.0	1.76	83	47.80	4.00	2.7
.	LSD	0.02	0.02	0.06	37.2	12.5	0.27	11	5.96	0.52	0.4

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2010 National Cotton Variety Test

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**National Cotton Variety Tests, 2010
Yield, Boll, Seed, Spinning and Data**

2010 BLACKLANDS REGIONAL COTTON VARIETY TEST

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)	E1 (%)
1324	STV 5327B2RF	1236	3.46	42.9	8.1	101	0.96	0.54	189	7.0
1313	PHY 485WRF	1209	3.32	40.7	8.0	110	0.96	0.54	188	7.8

1326	PHY 375WRF	1188	4.03	43.9	8.5	101	0.95	0.52	138	5.7
1367	DP 141B2F	1163	4.42	39.7	9.0	118	1.00	0.56	202	7.2
1323	STV 4554B2RF	1150	4.23	41.2	9.0	109	0.95	0.55	194	8.1
1347	AM 1532B2F	1037	3.73	41.3	8.3	93	0.95	0.53	131	6.9
1270	DP 555BG/RR	1012	3.41	42.8	7.1	84	0.98	0.51	177	6.1
1166	PHYTOGEN 72	996	4.18	38.8	9.4	128	1.05	0.58	253	7.1
.	LSD	323	0.52	2.1	0.6	18	0.07	0.02	82	0.6

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)	E	COLORIMETER HUNTER'S RD b		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1324	STV 5327B2RF	4.53	1.05	81.7	31.0	6.9	64.0	8.9	4.53	1664	3.57	3.95
1313	PHY 485WRF	4.70	1.05	81.6	32.0	7.6	61.5	8.4	4.70	1776	3.46	3.95
1326	PHY 375WRF	4.53	1.03	80.6	28.3	6.6	66.8	8.9	4.53	1529	3.08	3.92
1367	DP 141B2F	4.55	1.03	81.8	32.5	7.1	62.8	8.3	4.50	1779	3.50	4.12
1323	STV 4554B2RF	4.95	1.05	81.7	32.8	7.6	66.8	8.9	4.90	1651	3.08	3.76
1347	AM 1532B2F	4.25	1.03	80.9	26.5	6.3	67.5	8.6	4.25	1482	3.52	3.89
1270	DP 555BG/RR	4.80	1.08	80.0	27.0	5.7	68.3	8.8	4.73	1353	3.79	3.85
1166	PHYTOGEN 72	4.50	1.10	82.3	36.8	7.6	63.5	8.7	4.45	1568	3.25	4.07
.	LSD	0.57	0.09	1.6	3.1	0.5	4.6	0.8	0.59	464	1.28	0.33

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1324	STV 5327B2RF	0.31	0.55	0.86	.	.	.	.	.	.	.
1313	PHY 485WRF	0.28	0.56	0.84	.	.	.	.	.	.	.
1326	PHY 375WRF	0.29	0.46	0.75	432	17.4	1.48	94	42.73	3.84	3.1
1367	DP 141B2F	0.37	0.58	0.95	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.33	0.60	0.92	413	13.9	1.38	98	41.78	3.95	3.4
1347	AM 1532B2F	0.28	0.46	0.74	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.25	0.43	0.68	422	17.0	1.48	94	44.29	4.12	3.1
1166	PHYTOGEN 72	0.27	0.43	0.69	443	13.8	1.40	97	39.62	3.47	3.0
.	LSD	0.10	0.11	0.21	58.1	15.6	0.39	15	8.02	0.97	1.0

LOCATION	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)	E1 (%)
THRALL, TX	1223	4.03	40.1	8.7	110	1.03	0.56	181	7.0
DALLAS, TX	1025	3.67	42.8	8.2	101	0.92	0.53	187	6.9

LOCATION	MICRO NAIRE (reading)	SL-HVI Starlab 2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	COLORIMETER HUNTER'S RD	b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
	(Calibrated to USDA SL-HVI Std.)										
THRALL, TX	4.06	1.09	82.1	30.4	6.6	64.3	8.8	4.04	1826	3.36	3.86
DALLAS, TX	5.14	1.01	80.5	31.3	7.2	65.9	8.6	5.10	1374	3.45	4.01

LOCATION	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----							
	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)	
THRALL, TX	0.29	0.46	0.74	467	21.4	1.58	90	42.47	3.52	2.7	
DALLAS, TX	0.31	0.56	0.86	388	9.6	1.29	101	41.74	4.17	3.6	

LOCATION=DALLAS, 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)	E1 (%)
1324	STV 5327B2RF	1169	3.58	44.8	7.8	104	0.90	0.52	221	7.1
1367	DP 141B2F	1085	4.17	41.4	8.5	107	0.90	0.54	165	7.3
1323	STV 4554B2RF	1059	4.01	43.1	8.6	109	0.90	0.54	172	7.8
1347	AM 1532B2F	1009	3.63	43.4	8.1	86	0.90	0.51	125	6.9
1166	PHYTOGEN 72	1003	3.85	39.5	9.2	118	1.00	0.57	265	7.2
1270	DP 555BG/RR	969	3.33	43.3	7.2	75	0.95	0.51	216	6.2
1326	PHY 375WRF	963	3.67	44.8	8.2	100	0.90	0.52	133	5.5
1313	PHY 485WRF	941	3.10	41.8	7.8	109	0.90	0.53	201	7.6
.	LSD	355	0.51	0.3	0.6	9	0.07	0.04	102	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)	E	COLORIMETER HUNTER'S RD	b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1324	STV 5327B2RF	5.15	1.00	81.2	32.5	7.3	66.5	8.6	5.15	1446	3.73	4.03
1367	DP 141B2F	5.10	0.95	80.2	33.0	7.5	63.0	8.1	5.10	1535	3.68	4.28
1323	STV 4554B2RF	5.65	1.00	80.7	32.5	7.9	67.5	8.5	5.55	1397	2.28	3.88
1347	AM 1532B2F	5.00	0.95	80.2	26.0	6.7	68.5	8.9	5.00	1316	3.57	3.98
1166	PHYTOGEN 72	4.75	1.10	81.7	38.5	8.0	63.5	8.8	4.65	1535	3.76	4.10
1270	DP 555BG/RR	5.40	1.05	80.1	28.0	6.1	66.5	8.7	5.30	1271	3.89	3.70
1326	PHY 375WRF	4.90	1.00	79.7	27.5	6.5	69.0	9.2	4.90	1189	3.48	4.03
1313	PHY 485WRF	5.15	1.00	80.7	32.0	7.8	63.0	8.2	5.15	1308	3.24	4.12
.	LSD	0.17	0.10	1.4	2.4	0.3	3.8	0.8	0.33	467	0.76	0.19

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1324	STV 5327B2RF	0.31	0.58	0.89	.	.	.	.	.	.	.
1367	DP 141B2F	0.37	0.64	1.01	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.35	0.68	1.03	360	4.3	1.14	107	39.80	4.28	4.2
1347	AM 1532B2F	0.26	0.46	0.72	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.31	0.50	0.81	421	10.3	1.32	100	39.11	3.59	3.3
1270	DP 555BG/RR	0.32	0.53	0.84	382	14.5	1.42	96	46.81	4.75	3.4
1326	PHY 375WRF	0.27	0.48	0.75	391	9.3	1.29	101	41.25	4.08	3.5
1313	PHY 485WRF	0.28	0.60	0.88	.	.	.	.	.	.	.
.	LSD	0.02	0.02	0.06	14.5	4.5	0.12	3	6.25	0.84	0.1

LOCATION=THRALL, TX

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL	FIBROGRAPH	STELOMETER	
		YIELD (LB/ACRE)	SIZE (G/BOLL)			TENACITY (Mn/tex)	2.5% S.L. (INCHES)	50% S.L. (INCHES)	T1 (mN/tex)	E1 (%)
1313	PHY 485WRF	1477	3.55	39.6	8.2	111	1.03	0.56	175	8.1
1326	PHY 375WRF	1413	4.39	43.0	8.7	102	1.00	0.53	143	5.9
1324	STV 5327B2RF	1304	3.34	40.9	8.4	99	1.03	0.56	157	6.9
1367	DP 141B2F	1241	4.66	38.1	9.4	129	1.10	0.59	240	7.1
1323	STV 4554B2RF	1241	4.45	39.4	9.5	108	1.00	0.56	216	8.5
1347	AM 1532B2F	1064	3.84	39.2	8.4	100	1.00	0.55	137	6.9
1270	DP 555BG/RR	1056	3.49	42.4	7.1	93	1.00	0.52	138	6.0
1166	PHYTOGEN 72	989	4.52	38.2	9.7	138	1.10	0.59	240	7.0
.	LSD	440	0.73	0.5	0.8	12	0.04	0.04	117	1.2

VARIETY CODE	VARIETY NAME	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
		MICRO NAIRE (reading)	2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E	COLORIMETER HUNTER'S		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1313	PHY 485WRF	4.25	1.10	82.6	32.0	7.4	60.0	8.6	4.25	2245	3.67	3.79
1326	PHY 375WRF	4.15	1.05	81.4	29.0	6.6	64.5	8.7	4.15	1869	2.69	3.80
1324	STV 5327B2RF	3.90	1.10	82.2	29.5	6.5	61.5	9.3	3.90	1882	3.41	3.86
1367	DP 141B2F	4.00	1.10	83.4	32.0	6.8	62.5	8.6	3.90	2024	3.32	3.96
1323	STV 4554B2RF	4.25	1.10	82.8	33.0	7.4	66.0	9.3	4.25	1905	3.88	3.65
1347	AM 1532B2F	3.50	1.10	81.7	27.0	6.0	66.5	8.4	3.50	1647	3.47	3.81
1270	DP 555BG/RR	4.20	1.10	80.0	26.0	5.2	70.0	9.0	4.15	1436	3.69	3.99
1166	PHYTOGEN 72	4.25	1.10	82.8	35.0	7.2	63.5	8.7	4.25	1601	2.74	4.03
.	LSD	0.28	0.06	2.1	4.4	0.5	3.0	1.1	0.32	646	1.01	0.19

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1313	PHY 485WRF	0.29	0.51	0.80	.	.	.	.	.	.	.
1326	PHY 375WRF	0.31	0.45	0.76	474	25.5	1.67	87	44.21	3.61	2.6
1324	STV 5327B2RF	0.32	0.51	0.83	.	.	.	.	.	.	.
1367	DP 141B2F	0.37	0.52	0.89	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.30	0.52	0.82	467	23.5	1.63	89	43.77	3.63	2.7
1347	AM 1532B2F	0.30	0.46	0.76	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.18	0.33	0.51	463	19.5	1.54	92	41.78	3.50	2.7
1166	PHYTOGEN 72	0.23	0.36	0.58	465	17.3	1.49	94	40.13	3.34	2.8
.	LSD	0.04	0.04	0.10	21.0	6.2	0.12	5	2.50	0.25	0.2

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