

2007 National Cotton Variety Test



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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.

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**National Cotton Variety Tests, 2007
Yield, Boll, Seed, Spinning and Data**

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

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the National Cotton Variety Test Program.**

National Cotton Variety Tests, 2007.

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

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**United States Department of Agriculture
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P.O. Box 345
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Alabama	--	K. Glass
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New Mexico	--	J. Zhang
North Carolina	--	D. Bowman
Oklahoma	--	M. Bayles
South Carolina	--	T. Campbell
Tennessee	--	C. Main
Texas	--	J. R. Gannaway, 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:

FM 960B2R

-- FiberMax

DP 555BR

-- Delta and Pine Land Company

Phytogen 72

-- Phytogen;

PM 2167RR

-- Paymaster; and

Stoneville 4892BR

-- Stoneville Pedigreed Seed Company



Joint Cotton Breeding Policy Committee

(As of January 2007)

R. L. Rogers, (Chairman) Louisiana Agricultural Experiment Station, Baton Rouge, LA
A. G. Jordan, (Secretary) National Cotton Council of America, Memphis, TN
B. Lalor, Cotton Incorporated, Raleigh, NC
J. W. Smith, Mississippi Agricultural & Forestry Experiment Station, Stoneville, MS
W. R. Meredith, Jr., Agricultural Research Service, USDA, Stoneville, MS
T. J. Army, Agricultural Research Service, USDA, Stoneville, MS
V. Watson, Mississippi Agricultural & Forestry Experiment Station, Mississippi
State, MS
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J. J. Gwyn, AgrEvo Cotton Seed International, Greenville, MS
R. H. Sheetz, Paymaster Cottonseed Products, Hale Center, TX
T. Helms, Southern Association of Agricultural Experiment Station Directors,
Mississippi State, MS

National Cotton Variety Testing Committee

(As of January 2007)

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J. Dever, Bayer Crop Science

J. R. Gannaway, (Chairman) Texas Agricultural Experiment Station, Lubbock, TX
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J. Mayhill, Monsanto
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P. Thaxton, Delta Research and Extension Center, Stoneville, MS
S. R. Oakley, California Planting Cottonseed Distributors, Shafter, CA
T. Wallace, Mississippi State University, MS State, MS
J. Zhang, New Mexico Agricultural Experiment Station, Las Cruces, NM



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 - 2007
Yield Archive File	1960 - 2007
Fiber Quality Archive File	1960 - 2007
Pima Combed Yarn Archive File	1962 - 2007

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 sixteenth 3-year testing cycle, beginning in 2005, the national standards were DP 555BR, FM 960B2R, PHY 72, PM 2167RR and ST 4892BR. 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. With this new cycle, a fifth National Standard was added to the test. 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 Main Station Off-Station Test	Weslaco, TX College Station, TX Neuces County, TX

California Cotton Variety Test (Upland Varieties)

Shafter Experiment Station

Shafter, CA

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. Classifier'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

California Test Results:

National Standards only were planted and reported at the Shafter location for 2007.

Pima Region Test Results:

Only one location within the Pima Region reported results for the 2007 test.

Cotton varieties tested in the 2007 National Cotton Variety Tests:

CODE	VARIETY	INCLUDED IN REGIONAL TEST LOCATIONS
1128	ACALA 1517-99	WESTERN
1274	AFD 3511RR	PLAINS
1212	ALL TEX ATLAS RR	PLAINS
1276	ALL-TEX EXCESS	PLAINS
1328	AR 9704-13-05	HIGH QUALITY
1329	AR 9704-13-08	HIGH QUALITY
1330	AR 9803-23-08	HIGH QUALITY
1275	BCG 24R	PLAINS
1331	CD 48	HIGH QUALITY
1300	COBALT	PIMA
1303	CS 37	HIGH QUALITY
1306	CS 45	HIGH QUALITY

1332	CS 53	HIGH QUALITY
1341	DP 353	EASTERN, PIMA
1269	DP 444BG/RR	EASTERN
1224	DP 555 R/R	NATIONAL STANDARD; ALL EXCEPT PIMA
1270	DP 555BG/RR	EASTERN
1321	DPL 117B2RF	DELTA, EASTERN
1333	DPL 141BG2RF	HIGH QUALITY
1322	DPL 143B2RF	EASTERN
1334	DPL 143BG2RF	HIGH QUALITY
1335	DPL 161BG2RF	HIGH QUALITY
1336	DPL 164BG2RF	HIGH QUALITY
1282	DPL 445BR	EASTERN
1319	DPL 454BR	DELTA, EASTERN
1201	DPL 491	BLACKLANDS, CENTRAL
1320	DPL 515BR	EASTERN
1182	DPL 744	PIMA
1169	FIBERMAX 958	PLAINS
1268	FM 5044RR	PLAINS
1296	FM 832LL	CENTRAL
1309	FM 9063B2F	HIGH QUALITY
1255	FM 960B2R	NATIONAL STANDARD; ALL EXCEPT PIMA
1277	FM 989RR	WESTERN
1225	GA 98028	DELTA
1337	JAJO 3007	HIGH QUALITY
1338	JAJO 3077	HIGH QUALITY
1312	NM 03012	HIGH QUALITY
1342	NM 03K1001	HIGH QUALITY
1278	NM 03K1028	WESTERN
1279	NM 03K1155	WESTERN
1339	NM 03N1168	HIGH QUALITY
1343	NM 03S1023	HIGH QUALITY
1280	NM 03S1065	WESTERN
1135	PAYMASTER 2326 RR	PLAINS
1316	PHY 370WR	DELTA
1326	PHY 375WRF	EASTERN

1298	PHY 410R	BLACKLANDS
1313	PHY 485WRF	EASTERN
1273	PHY 800	PIMA
1166	PHYTOGEN 72	NATIONAL STANDARD; ALL EXCEPT PIMA
615	PIMA S-7	PIMA
1214	PM 2167 RR	NATIONAL STANDARD; ALL EXCEPT PIMA AND HIGH QUALITY
1215	PM 2266 RR	PLAINS
1251	ST 5599BR	CENTRAL, DELTA
1325	STV 4427B2RF	EASTERN
1323	STV 4554B2RF	DELTA, EASTERN
1196	STV 4892 BR	NATIONAL STANDARD; ALL EXCEPT PIMA
1324	STV 5327B2RF	EASTERN
1266	STV NG 2448R	PLAINS
1340	TAM 01E-22	HIGH QUALITY
1297	TAMCOT 22	CENTRAL



2007 REGIONAL SHORT SEASON TEST RESULTS

DELTA RESEARCH AND EXTENSION CENTER
DR. J. CREECH

At the request of Dr. Creech, please access the 2007 Regional Short Season Test Results through the Delta Research and Extension Center Home Page.

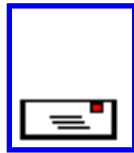
[2007 REGIONAL SHORT SEASON TEST](#)

2007 BUDWORM/BOLLWORM TEST RESULTS

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



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



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

United States Department of Agriculture

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Other links:

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[Jamie Whitten Delta States Research Center University of Arkansas Cotton Data](#)

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either the Jamie Whitten Delta States Research Center or the
Crop Genetics and Production Research Unit sites**



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2007 PLAINS REGIONAL COTTON VARIETY TEST

OVERALL PLAINS REGION INCLUDING SUB REGIONS

VARIETIES COMBINING LOCATIONS

ARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD (lb/acre)	SIZE (g/boll)				2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1169	FIBERMAX 958	1276	6.29	41.0	10.5	127	1.11	0.56	206	6.6
1255	FM 960B2R	1236	5.46	40.9	10.9	125	1.13	0.56	200	6.1
1224	DP 555 R/R	1201	4.31	43.7	8.1	113	1.08	0.53	191	7.3
1275	BCG 24R	1143	5.07	40.4	8.9	119	1.07	0.56	201	8.2
1196	STV 4892 BR	1138	5.35	41.3	10.6	115	1.10	0.56	189	8.5
1266	STV NG 2448R	1123	5.36	38.6	10.0	125	1.08	0.56	223	8.4

1268	FM 5044RR	1122	5.92	35.5	10.9	118	1.11	0.57	193	8.8
1215	PM 2266 RR	1119	6.24	37.9	11.2	123	1.06	0.56	208	7.9
1135	PAYMASTER 2326 RR	1115	5.52	38.2	10.6	121	1.07	0.56	199	8.4
1212	ALL TEX ATLAS RR	1076	5.79	39.2	10.1	129	1.09	0.56	199	7.0
1214	PM 2167 RR	1073	5.00	39.5	9.3	115	0.98	0.53	186	7.6
1274	AFD 3511RR	1049	5.69	36.9	11.1	119	1.05	0.55	189	7.6
1276	ALL-TEX EXCESS RR	1023	5.84	37.3	10.8	121	1.06	0.56	205	7.7
1166	PHYTOGEN 72	966	5.38	38.3	10.1	141	1.17	0.60	234	9.2
.	LSD	157	0.91	1.6	0.6	9	0.04	0.02	16	1.5

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)	(%)	(%)	
1169	FIBERMAX 958	4.56	1.11	83.1	31.5	6.6	71.0	7.9	4.60	1866	21.68	3.69
1255	FM 960B2R	4.73	1.13	82.5	31.9	6.2	73.3	7.9	4.81	1774	22.10	3.48
1224	DP 555 R/R	4.69	1.09	81.3	29.5	6.2	74.5	7.8	4.66	1483	18.00	3.75
1275	BCG 24R	4.66	1.08	82.8	30.8	7.0	72.6	8.2	4.71	1682	20.00	3.48
1196	STV 4892 BR	4.94	1.10	82.9	29.4	6.9	70.9	8.7	5.08	1585	19.30	3.51
1266	STV NG 2448R	4.71	1.08	83.0	32.3	7.1	71.7	8.2	4.74	1858	21.69	3.75
1268	FM 5044RR	4.15	1.10	83.0	29.1	7.2	73.4	8.3	4.20	2080	22.25	3.78
1215	PM 2266 RR	4.83	1.05	82.7	30.8	6.9	71.4	8.0	4.84	1929	21.52	3.65
1135	PAYMASTER 2326 RR	4.95	1.09	83.0	30.1	7.0	72.3	8.3	4.95	1844	19.98	3.61
1212	ALL TEX ATLAS RR	4.78	1.10	82.7	31.4	6.6	73.3	8.3	4.78	1747	21.81	3.60
1214	PM 2167 RR	5.10	0.98	81.6	28.6	6.8	71.1	8.7	5.20	1637	21.77	3.73
1274	AFD 3511RR	4.76	1.06	82.6	30.8	6.8	71.4	8.2	4.78	1733	21.18	3.48
1276	ALL-TEX EXCESS RR	4.69	1.06	82.5	30.9	7.1	71.1	7.8	4.78	1850	21.84	3.61
1166	PHYTOGEN 72	4.43	1.19	83.7	33.1	7.2	71.8	8.8	4.45	1538	20.88	3.68
.	LSD	0.44	0.05	1.2	1.7	0.3	2.5	0.5	0.36	349	1.18	0.27

---GOSSYPOL LEVELS---

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

VARIETY	VARIETY	PLUS	MINUS	TOTAL	A	D	M	p	w	t	
CODE	NAME	(+)	(-)	(%)	---(mm2/mm3)---		I	(%)	(microns)	(mg/in)	(microns)
1169	FIBERMAX 958	0.64	0.55	1.18	.	.	.	.	.	.
1255	FM 960B2R	0.71	0.57	1.28	426	25.3	1.64	88	47.95	4.39	3.0
1224	DP 555 R/R	0.67	0.51	1.18	440	29.2	1.72	85	48.73	4.30	2.9

1275 BCG 24R	0.78	0.61	1.39	.	.	.	.	.	.	.
1196 STV 4892 BR	0.93	0.67	1.60	411	27.8	1.68	86	51.11	4.89	3.1
1266 STV NG 2448R	0.83	0.58	1.41	.	.	.	.	.	.	.
1268 FM 5044RR	0.70	0.54	1.25	.	.	.	.	.	.	.
1215 PM 2266 RR	0.77	0.58	1.35	.	.	.	.	.	.	.
1135 PAYMASTER 2326 RR	0.79	0.62	1.41	.	.	.	.	.	.	.
1212 ALL TEX ATLAS RR	0.68	0.61	1.29	.	.	.	.	.	.	.
1214 PM 2167 RR	0.80	0.44	1.23	403	24.0	1.62	88	50.46	4.84	3.1
1274 AFD 3511RR	0.77	0.61	1.38	.	.	.	.	.	.	.
1276 ALL-TEX EXCESS RR	0.80	0.56	1.36	.	.	.	.	.	.	.
1166 PHYTOGEN 72	0.67	0.50	1.17	454	22.6	1.59	90	43.62	3.73	2.9
. LSD	0.12	0.05	0.16	36.1	9.0	0.17	7	2.21	0.41	0.3

PLAINS REGION INCLUDING LUBBOCK, TX AND LAMESA, TX

VARIETIES COMBINING LOCATIONS

ARIETY 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 (%)
1169	FIBERMAX 958	1242	7.13	40.0	10.5	129	1.15	0.55	193	6.5
1255	FM 960B2R	1217	4.85	39.7	10.6	123	1.16	0.55	191	7.2
1266	STV NG 2448R	1194	4.79	38.0	9.9	124	1.10	0.55	221	8.7
1268	FM 5044RR	1136	5.91	32.7	10.5	115	1.13	0.56	189	9.3
1214	PM 2167 RR	1120	4.74	38.7	9.0	117	1.02	0.53	185	8.2
1275	BCG 24R	1096	4.68	39.5	8.4	115	1.12	0.56	187	8.6
1215	PM 2266 RR	1086	5.76	35.8	11.2	123	1.08	0.55	197	9.6
1276	ALL-TEX EXCESS RR	1052	4.97	36.1	10.6	121	1.12	0.58	200	7.9
1196	STV 4892 BR	1021	5.07	40.3	10.0	115	1.11	0.56	182	8.8
1224	DP 555 R/R	993	3.59	43.0	7.9	112	1.10	0.52	181	7.6
1135	PAYMASTER 2326 RR	987	4.87	36.7	10.6	125	1.08	0.56	197	9.5
1212	ALL TEX ATLAS RR	974	5.83	39.5	10.3	121	1.09	0.55	185	8.0
1166	PHYTOGEN 72	933	4.82	36.8	9.6	139	1.19	0.58	226	9.1
1274	AFD 3511RR	912	4.85	35.8	10.7	122	1.12	0.57	187	8.3
.	LSD	362	2.43	3.6	1.1	10	0.04	0.02	20	3.0

1166	PHYTOGEN 72	0.72	0.56	1.27	478	32.8	1.81	81	47.57	3.89	2.6
1274	AFD 3511RR	0.78	0.64	1.41	.	.	.	.	.	.	.
.	LSD	0.06	0.07	0.12	85.8	23.8	0.44	17	4.43	0.89	0.6

PLAINS REGION INCLUDING ALTUS, OK; TIPTON, OK; AND CHICKASHA (I AND D), OK

VARIETIES COMBINING LOCATIONS

ARIETY CODE	VARIETY NAME	LINT	BOLL	YARN			DIGITAL FIBROGRAPH		STELOMETER	
		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 (%)
1224	DP 555 R/R	1340	4.80	44.2	8.2	114	1.06	0.54	202	6.9
1169	FIBERMAX 958	1299	5.73	41.6	10.6	126	1.08	0.57	218	6.8
1255	FM 960B2R	1249	5.86	41.7	11.1	126	1.09	0.57	210	4.9
1196	STV 4892 BR	1216	5.55	42.0	11.0	115	1.09	0.57	196	8.3
1135	PAYMASTER 2326 RR	1200	5.95	39.1	10.6	118	1.06	0.56	200	7.4
1275	BCG 24R	1175	5.33	41.0	9.3	122	1.03	0.56	214	7.7
1212	ALL TEX ATLAS RR	1143	5.76	38.9	10.0	137	1.10	0.56	214	6.1
1215	PM 2266 RR	1141	6.56	39.3	11.1	124	1.04	0.57	219	6.3
1274	AFD 3511RR	1140	6.25	37.6	11.4	117	0.98	0.53	192	7.0
1268	FM 5044RR	1112	5.93	37.5	11.1	120	1.08	0.57	198	8.4
1266	STV NG 2448R	1075	5.74	39.0	10.1	126	1.05	0.57	224	8.1
1214	PM 2167 RR	1041	5.18	40.0	9.4	114	0.94	0.52	187	7.0
1276	ALL-TEX EXCESS RR	1004	6.42	38.1	10.9	122	1.01	0.54	211	7.5
1166	PHYTOGEN 72	989	5.75	39.3	10.4	142	1.15	0.61	242	9.3
.	LSD	132	0.38	1.7	0.8	16	0.05	0.03	30	1.5

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

ARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	COLORIMETER		MICRO-	SEED	OIL	NITR OGEN	
		NAIRE (reading)	S.L. (in.)	UNITY (%)	NGTH (g/tex)	HUNTER'S Rd	b	NAIRE (Reading)	YIELD (lb/ac)			
1224	DP 555 R/R	5.20	1.10	82.1	30.3	6.2	71.8	7.7	5.05	1669	17.57	3.86
1169	FIBERMAX 958	4.63	1.10	84.0	31.8	6.8	66.5	7.7	4.68	1780	22.02	3.86

1255	FM 960B2R	5.25	1.13	83.4	32.5	6.2	70.8	7.7	5.28	1817	21.82	3.62
1196	STV 4892 BR	5.45	1.10	83.4	29.8	6.8	67.0	8.4	5.58	1655	19.48	3.61
1135	PAYMASTER 2326 RR	5.15	1.10	83.1	29.3	6.9	71.3	7.9	5.15	1889	19.39	3.55
1275	BCG 24R	5.25	1.05	83.6	31.8	6.9	67.8	8.2	5.20	1613	20.88	3.60
1212	ALL TEX ATLAS RR	5.18	1.15	83.8	33.0	6.1	70.8	7.6	5.10	1862	21.35	3.62
1215	PM 2266 RR	5.30	1.03	82.9	31.0	6.7	66.5	7.6	5.23	1811	21.03	3.73
1274	AFD 3511RR	5.03	1.03	82.2	30.3	6.7	68.5	8.0	5.03	1836	21.33	3.52
1268	FM 5044RR	4.38	1.10	83.4	29.3	6.9	70.8	8.2	4.38	1790	21.99	3.97
1266	STV NG 2448R	5.10	1.05	83.1	32.5	6.9	68.8	7.5	5.03	1758	21.37	3.68
1214	PM 2167 RR	5.33	0.95	81.7	28.3	6.5	67.8	8.4	5.43	1589	21.25	3.83
1276	ALL-TEX EXCESS RR	4.95	1.05	82.2	31.5	6.9	66.8	7.6	4.95	1779	20.59	3.72
1166	PHYTOGEN 72	4.73	1.18	84.2	34.3	7.3	67.5	8.5	4.70	1464	20.19	3.81
.	LSD	0.60	0.07	2.0	3.2	0.3	3.3	0.7	0.48	223	1.27	0.50

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1224	DP 555 R/R	0.62	0.46	1.08	414	16.9	1.46	95	43.99	4.13	3.3
1169	FIBERMAX 958	0.73	0.48	1.20	.	.	.	.	.	.	.
1255	FM 960B2R	0.61	0.48	1.09	394	14.6	1.42	96	45.16	4.45	3.4
1196	STV 4892 BR	0.86	0.61	1.47	370	14.3	1.41	97	47.76	4.99	3.6
1135	PAYMASTER 2326 RR	0.72	0.54	1.26	.	.	.	.	.	.	.
1275	BCG 24R	0.72	0.58	1.30	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	0.47	0.50	0.97	.	.	.	.	.	.	.
1215	PM 2266 RR	0.68	0.53	1.21	.	.	.	.	.	.	.
1274	AFD 3511RR	0.77	0.58	1.35	.	.	.	.	.	.	.
1268	FM 5044RR	0.64	0.47	1.11	.	.	.	.	.	.	.
1266	STV NG 2448R	0.78	0.53	1.31	.	.	.	.	.	.	.
1214	PM 2167 RR	0.75	0.39	1.14	386	15.5	1.44	95	46.87	4.69	3.4
1276	ALL-TEX EXCESS RR	0.66	0.45	1.10	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.61	0.45	1.06	430	12.4	1.36	98	39.66	3.57	3.2
.	LSD	0.11	0.06	0.15	53.6	10.4	0.24	9	2.88	0.48	0.6

INDIVIDUAL COMPONENT DATA

BOLL SIZE, GRAM PER BOLL

LINT PERCENT

SEED INDEX

FIBERMAX 958	6.29
PM 2266 RR	6.24
FM 5044RR	5.92
ALL-TEX EXCESS RR	5.84
ALL TEX ATLAS RR	5.79
AFD 3511RR	5.69
PAYMASTER 2326 RR	5.52
FM 960B2R	5.46
PHYTOGEN 72	5.38
STV NG 2448R	5.36
STV 4892 BR	5.35
BCG 24R	5.07
PM 2167 RR	5.00
DP 555 R/R	4.31
LSD	0.91

DP 555 R/R	43.7
STV 4892 BR	41.3
FIBERMAX 958	41.0
FM 960B2R	40.9
BCG 24R	40.4
PM 2167 RR	39.5
ALL TEX ATLAS RR	39.2
STV NG 2448R	38.6
PHYTOGEN 72	38.3
PAYMASTER 2326 RR	38.2
PM 2266 RR	37.9
ALL-TEX EXCESS RR	37.3
AFD 3511RR	36.9
FM 5044RR	35.5
LSD	1.6

PM 2266 RR	
AFD 3511RR	
FM 960B2R	
FM 5044RR	
ALL-TEX EXCESS RR	
STV 4892 BR	
PAYMASTER 2326 RR	
FIBERMAX 958	
ALL TEX ATLAS RR	
PHYTOGEN 72	
STV NG 2448R	
PM 2167 RR	
BCG 24R	
DP 555 R/R	
LSD	

2.5% S.L. (INCHES)

UR (PERCENT)

STRENGTH (G/TE)

PHYTOGEN 72	1.19
FM 960B2R	1.13
FIBERMAX 958	1.11
FM 5044RR	1.10
STV 4892 BR	1.10
ALL TEX ATLAS RR	1.10
PAYMASTER 2326 RR	1.09
DP 555 R/R	1.09
STV NG 2448R	1.08
BCG 24R	1.08
AFD 3511RR	1.06
ALL-TEX EXCESS RR	1.06
PM 2266 RR	1.05
PM 2167 RR	0.98
LSD	0.05

PHYTOGEN 72	83.7
FIBERMAX 958	83.1
PAYMASTER 2326 RR	83.0
FM 5044RR	83.0
STV NG 2448R	83.0
STV 4892 BR	82.9
BCG 24R	82.8
ALL TEX ATLAS RR	82.7
PM 2266 RR	82.7
AFD 3511RR	82.6
FM 960B2R	82.5
ALL-TEX EXCESS RR	82.5
PM 2167 RR	81.6
DP 555 R/R	81.3
LSD	1.2

PHYTOGEN 72	
STV NG 2448R	
FM 960B2R	
FIBERMAX 958	
ALL TEX ATLAS RR	
ALL-TEX EXCESS RR	
AFD 3511RR	
BCG 24R	
PM 2266 RR	
PAYMASTER 2326 RR	
DP 555 R/R	
STV 4892 BR	
FM 5044RR	
PM 2167 RR	
LSD	

E	
PHYTOGEN 72	7.2
FM 5044RR	7.2
ALL-TEX EXCESS RR	7.1
STV NG 2448R	7.1
BCG 24R	7.0
PAYMASTER 2326 RR	7.0
STV 4892 BR	6.9
PM 2266 RR	6.9
PM 2167 RR	6.8
AFD 3511RR	6.8
ALL TEX ATLAS RR	6.6
FIBERMAX 958	6.6
FM 960B2R	6.2
DP 555 R/R	6.2
LSD	0.3

MICRONAIRE (SL-HVI)	
PM 2167 RR	5.20
STV 4892 BR	5.08
PAYMASTER 2326 RR	4.95
PM 2266 RR	4.84
FM 960B2R	4.81
AFD 3511RR	4.78
ALL-TEX EXCESS RR	4.78
ALL TEX ATLAS RR	4.78
STV NG 2448R	4.74
BCG 24R	4.71
DP 555 R/R	4.66
FIBERMAX 958	4.60
PHYTOGEN 72	4.45
FM 5044RR	4.20
LSD	0.36

COLORIMETER - Rd	
DP 555 R/R	
FM 5044RR	
FM 960B2R	
ALL TEX ATLAS RR	
BCG 24R	
PAYMASTER 2326 RR	
PHYTOGEN 72	
STV NG 2448R	
AFD 3511RR	
PM 2266 RR	
PM 2167 RR	
ALL-TEX EXCESS RR	
FIBERMAX 958	
STV 4892 BR	
LSD	

COLORIMETER - b	
PHYTOGEN 72	8.8
STV 4892 BR	8.7
PM 2167 RR	8.7
FM 5044RR	8.3
ALL TEX ATLAS RR	8.3
PAYMASTER 2326 RR	8.3
AFD 3511RR	8.2
BCG 24R	8.2
STV NG 2448R	8.2
PM 2266 RR	8.0
FIBERMAX 958	7.9
FM 960B2R	7.9
ALL-TEX EXCESS RR	7.8
DP 555 R/R	7.8
LSD	0.5

MICRONAIRE	
PM 2167 RR	5.10
PAYMASTER 2326 RR	4.95
STV 4892 BR	4.94
PM 2266 RR	4.83
ALL TEX ATLAS RR	4.78
AFD 3511RR	4.76
FM 960B2R	4.73
STV NG 2448R	4.71
ALL-TEX EXCESS RR	4.69
DP 555 R/R	4.69
BCG 24R	4.66
FIBERMAX 958	4.56
PHYTOGEN 72	4.43
FM 5044RR	4.15
LSD	0.44

STELOMETER - E1	
PHYTOGEN 72	
FM 5044RR	
STV 4892 BR	
PAYMASTER 2326 RR	
STV NG 2448R	
BCG 24R	
PM 2266 RR	
ALL-TEX EXCESS RR	
PM 2167 RR	
AFD 3511RR	
DP 555 R/R	
ALL TEX ATLAS RR	
FIBERMAX 958	
FM 960B2R	
LSD	

 STELOMETER - T1

PHYTOGEN 72	234
STV NG 2448R	223
PM 2266 RR	208
FIBERMAX 958	206
ALL-TEX EXCESS RR	205
BCG 24R	201
FM 960B2R	200
ALL TEX ATLAS RR	199
PAYMASTER 2326 RR	199
FM 5044RR	193
DP 555 R/R	191
AFD 3511RR	189
STV 4892 BR	189
PM 2167 RR	186
LSD	16

 FIBROGRAPH--50% S.L.

PHYTOGEN 72	0.60
FM 5044RR	0.57
PM 2266 RR	0.56
BCG 24R	0.56
PAYMASTER 2326 RR	0.56
STV 4892 BR	0.56
STV NG 2448R	0.56
FM 960B2R	0.56
ALL-TEX EXCESS RR	0.56
FIBERMAX 958	0.56
ALL TEX ATLAS RR	0.56
AFD 3511RR	0.55
DP 555 R/R	0.53
PM 2167 RR	0.53
LSD	0.02

 FIBROGRAPH--2.5% S

PHYTOGEN 72	
FM 960B2R	
FIBERMAX 958	
FM 5044RR	
STV 4892 BR	
ALL TEX ATLAS RR	
STV NG 2448R	
DP 555 R/R	
BCG 24R	
PAYMASTER 2326 RR	
ALL-TEX EXCESS RR	
PM 2266 RR	
AFD 3511RR	
PM 2167 RR	
LSD	

 YARN TENACITY

PHYTOGEN 72	141
ALL TEX ATLAS RR	129
FIBERMAX 958	127
STV NG 2448R	125
FM 960B2R	125
PM 2266 RR	123
ALL-TEX EXCESS RR	121
PAYMASTER 2326 RR	121
AFD 3511RR	119
BCG 24R	119
FM 5044RR	118
PM 2167 RR	115
STV 4892 BR	115
DP 555 R/R	113
LSD	9

 AREALOMETER - A (mm²/mm³)

PHYTOGEN 72	454
DP 555 R/R	440
FM 960B2R	426
STV 4892 BR	411
PM 2167 RR	403
ALL TEX ATLAS RR	.
FIBERMAX 958	.
STV NG 2448R	.
PM 2266 RR	.
ALL-TEX EXCESS RR	.
PAYMASTER 2326 RR	.
AFD 3511RR	.
BCG 24R	.
FM 5044RR	.
LSD	36.1

 AREALOMETER - D (mm²)

DP 555 R/R	
STV 4892 BR	
FM 960B2R	
PM 2167 RR	
PHYTOGEN 72	
ALL TEX ATLAS RR	
FIBERMAX 958	
STV NG 2448R	
PM 2266 RR	
ALL-TEX EXCESS RR	
PAYMASTER 2326 RR	
AFD 3511RR	
BCG 24R	
FM 5044RR	
LSD	

AREALOMETER - I	
DP 555 R/R	1.72
STV 4892 BR	1.68
FM 960B2R	1.64
PM 2167 RR	1.62
PHYTOGEN 72	1.59
ALL TEX ATLAS RR	.
FIBERMAX 958	.
STV NG 2448R	.
PM 2266 RR	.
ALL-TEX EXCESS RR	.
PAYMASTER 2326 RR	.
AFD 3511RR	.
BCG 24R	.
FM 5044RR	.
LSD	0.17

AREALOMETER - M (PERCENT)	
PHYTOGEN 72	90
PM 2167 RR	88
FM 960B2R	88
STV 4892 BR	86
DP 555 R/R	85
ALL TEX ATLAS RR	.
FIBERMAX 958	.
STV NG 2448R	.
PM 2266 RR	.
ALL-TEX EXCESS RR	.
PAYMASTER 2326 RR	.
AFD 3511RR	.
BCG 24R	.
FM 5044RR	.
LSD	7

AREALOMETER - p (Mic)	
STV 4892 BR	
PM 2167 RR	
DP 555 R/R	
FM 960B2R	
PHYTOGEN 72	
ALL TEX ATLAS RR	
FIBERMAX 958	
STV NG 2448R	
PM 2266 RR	
ALL-TEX EXCESS RR	
PAYMASTER 2326 RR	
AFD 3511RR	
BCG 24R	
FM 5044RR	
LSD	

AREALOMETER - w (MG/INCH)	
VARIETY	w
STV 4892 BR	4.89
PM 2167 RR	4.84
FM 960B2R	4.39
DP 555 R/R	4.30
PHYTOGEN 72	3.73
ALL TEX ATLAS RR	.
FIBERMAX 958	.
STV NG 2448R	.
PM 2266 RR	.
ALL-TEX EXCESS RR	.
PAYMASTER 2326 RR	.
AFD 3511RR	.
BCG 24R	.
FM 5044RR	.

AREALOMETER - t (MICRONS)	
VARIETY	t
STV 4892 BR	3.1
PM 2167 RR	3.1
FM 960B2R	3.0
DP 555 R/R	2.9
PHYTOGEN 72	2.9
ALL TEX ATLAS RR	.
FIBERMAX 958	.
STV NG 2448R	.
PM 2266 RR	.
ALL-TEX EXCESS RR	.
PAYMASTER 2326 RR	.
AFD 3511RR	.
BCG 24R	.
FM 5044RR	.

SEED YIELD (LB/ACR)	
VARIETY	
FM 5044RR	
PM 2266 RR	
FIBERMAX 958	
STV NG 2448R	
ALL-TEX EXCESS RR	
PAYMASTER 2326 RR	
FM 960B2R	
ALL TEX ATLAS RR	
AFD 3511RR	
BCG 24R	
PM 2167 RR	
STV 4892 BR	
PHYTOGEN 72	
DP 555 R/R	

LSD 0.41 LSD 0.3 LSD

OIL (PERCENT)

FM 5044RR	22.25
FM 960B2R	22.10
ALL-TEX EXCESS RR	21.84
ALL TEX ATLAS RR	21.81
PM 2167 RR	21.77
STV NG 2448R	21.69
FIBERMAX 958	21.68
PM 2266 RR	21.52
AFD 3511RR	21.18
PHYTOGEN 72	20.88
BCG 24R	20.00
PAYMASTER 2326 RR	19.98
STV 4892 BR	19.30
DP 555 R/R	18.00
LSD	1.18

NITROGEN (PERCENT)

FM 5044RR	3.78
DP 555 R/R	3.75
STV NG 2448R	3.75
PM 2167 RR	3.73
FIBERMAX 958	3.69
PHYTOGEN 72	3.68
PM 2266 RR	3.65
ALL-TEX EXCESS RR	3.61
PAYMASTER 2326 RR	3.61
ALL TEX ATLAS RR	3.60
STV 4892 BR	3.51
FM 960B2R	3.48
BCG 24R	3.48
AFD 3511RR	3.48
LSD	0.27

PLUS GOSSYPOL

STV 4892 BR
STV NG 2448R
ALL-TEX EXCESS RR
PM 2167 RR
PAYMASTER 2326 RR
BCG 24R
AFD 3511RR
PM 2266 RR
FM 960B2R
FM 5044RR
ALL TEX ATLAS RR
DP 555 R/R
PHYTOGEN 72
FIBERMAX 958
LSD

MINUS GOSSYPOL

STV 4892 BR	0.67
PAYMASTER 2326 RR	0.62
BCG 24R	0.61
AFD 3511RR	0.61
ALL TEX ATLAS RR	0.61
PM 2266 RR	0.58
STV NG 2448R	0.58
FM 960B2R	0.57
ALL-TEX EXCESS RR	0.56
FIBERMAX 958	0.55
FM 5044RR	0.54
DP 555 R/R	0.51
PHYTOGEN 72	0.50

TOTAL GOSSYPOL (PERCENT)

STV 4892 BR	1.60
PAYMASTER 2326 RR	1.41
STV NG 2448R	1.41
BCG 24R	1.39
AFD 3511RR	1.38
ALL-TEX EXCESS RR	1.36
PM 2266 RR	1.35
ALL TEX ATLAS RR	1.29
FM 960B2R	1.28
FM 5044RR	1.25
PM 2167 RR	1.23
FIBERMAX 958	1.18
DP 555 R/R	1.18

PM 2167 RR	0.44	PHYTOGEN 72	1.17
LSD	0.05	LSD	0.16

LOCATIONS COMBINING VARIETIES

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)	(%)
ALTUS, OK (IRR)	1586	5.74	38.8	10.4	129	1.10	0.58	214	8.2
LUBBOCK, TX (IRR)	1128	4.93	35.8	10.0	122	1.12	0.55	195	9.5
LAMESA, TX (DRY)	1010	5.33	40.3	10.0	121	1.11	0.56	193	7.3
TIPTON, OK	934	5.61	40.5	9.9	116	1.01	0.54	204	6.3
CHICKASHA, OK (DRY)	934	5.96	40.5	10.8	.	.	.	.	.

LOCATION	MICRO-NAIRE	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)			SEED	NITR					
		2.5% S.L.	UNIFO-MITY	STRE-NGTH							
	(reading)	(in.)	(%)	(g/tex)	E	Rd	b	(Reading)	(lb/ac)	(%)	(%)
ALTUS, OK (IRR)	4.76	1.13	84.2	30.8	6.8	69.5	8.1	4.77	2502	21.27	3.65
LUBBOCK, TX (IRR)	3.78	1.11	81.9	30.2	6.9	75.0	8.4	3.93	2073	19.94	3.81
LAMESA, TX (DRY)	4.93	1.08	82.7	30.5	7.0	76.0	8.6	4.98	1505	22.59	3.28
TIPTON, OK	5.36	1.03	81.9	31.4	6.6	68.0	7.7	5.34	1341	20.19	3.77
CHICKASHA, OK (DRY)	.	.	.	.	.	.	.	.	1367	.	.

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

ALTUS, OK (IRR)	0.78	0.58	1.36	418	20.0	1.55	91	46.61	4.35	3.0
LUBBOCK, TX (IRR)	0.78	0.61	1.38	498	46.0	2.05	72	51.76	4.05	2.4
LAMESA, TX (DRY)	0.86	0.65	1.52	411	27.7	1.71	85	52.36	4.94	3.0
TIPTON, OK	0.59	0.43	1.02	379	9.5	1.29	101	42.76	4.38	3.6
CHICKASHA, OK (DRY)	.	.	.	.	.	.	.	.	.	.

INDIVIDUAL LOCATIONS PLAINS REGION

LOCATION=LUBBOCK, TX (IRR)

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL FIBROGRAPH 2.5% S.L. (inches)	50% S.L. (inches)	STELOMETER T1 (mN/tex)	E1 (%)
1169	FIBERMAX 958	1380	4.29	38.3	10.5	131	1.15	0.55	196	7.7
1266	STV NG 2448R	1324	4.63	37.5	9.5	123	1.13	0.56	228	8.0
1255	FM 960B2R	1303	4.71	38.2	9.8	125	1.16	0.54	198	7.4
1268	FM 5044RR	1253	6.08	28.3	10.4	111	1.14	0.54	177	11.5
1214	PM 2167 RR	1218	4.64	37.0	9.6	118	1.01	0.52	187	9.2
1215	PM 2266 RR	1213	5.99	34.3	11.8	122	1.10	0.54	192	9.8
1276	ALL-TEX EXCESS RR	1198	4.60	33.9	10.9	121	1.14	0.57	196	10.0
1275	BCG 24R	1184	4.45	37.1	8.5	116	1.11	0.55	178	10.5
1135	PAYMASTER 2326 RR	1173	4.69	35.8	10.6	123	1.09	0.56	195	9.0
1212	ALL TEX ATLAS RR	1091	6.38	35.0	10.5	121	1.10	0.54	189	10.3
1274	AFD 3511RR	960	5.15	33.4	11.0	125	1.14	0.56	196	9.5
1196	STV 4892 BR	868	5.27	38.3	9.7	121	1.09	0.54	190	10.3
1224	DP 555 R/R	864	3.44	41.1	8.1	115	1.11	0.52	183	9.3
1166	PHYTOGEN 72	763	4.77	33.6	9.5	132	1.18	0.56	233	10.5
.	LSD	212	2.01	6.7	1.2	10	0.03	0.03	32	2.5

VARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	COLORIMETER			MICRO-	SEED	OIL	NITR OGEN
		NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)	E	Rd	HUNTER'S b	NAIRE (Reading)	YIELD (lb/ac)		
1169	FIBERMAX 958	3.95	1.15	82.0	31.0	6.3	75.0	7.7	3.95	2330	20.21	3.75
1266	STV NG 2448R	4.05	1.10	82.1	31.0	7.1	76.0	8.6	4.20	2211	21.42	3.98
1255	FM 960B2R	3.40	1.15	80.7	31.5	6.2	76.5	7.8	3.65	1819	20.39	3.53
1268	FM 5044RR	3.45	1.10	82.1	28.5	7.2	74.5	8.3	3.50	3402	20.79	4.04
1214	PM 2167 RR	4.65	1.00	81.0	29.0	7.3	73.0	9.1	4.75	1933	21.10	3.92
1215	PM 2266 RR	3.80	1.10	82.4	30.0	7.1	74.5	8.4	4.00	2518	20.39	3.96
1276	ALL-TEX EXCESS RR	4.05	1.10	83.0	30.5	7.2	74.0	8.0	4.25	2475	22.46	3.54
1275	BCG 24R	3.15	1.10	81.8	30.0	6.8	77.5	8.2	3.45	2206	17.89	3.58
1135	PAYMASTER 2326 RR	4.35	1.10	82.9	30.5	7.2	73.0	8.6	4.30	2234	19.88	4.18
1212	ALL TEX ATLAS RR	3.80	1.10	81.7	29.5	7.0	75.0	9.2	3.95	2050	21.32	3.79
1274	AFD 3511RR	3.93	1.10	83.1	31.7	7.2	73.7	8.8	4.07	1809	19.47	3.64
1196	STV 4892 BR	3.35	1.10	81.6	29.0	6.9	74.5	8.8	3.60	1400	16.54	3.72
1224	DP 555 R/R	3.50	1.10	79.9	29.0	6.0	76.0	8.2	3.70	1133	17.42	3.87
1166	PHYTOGEN 72	3.55	1.20	82.1	32.0	7.1	76.5	8.8	3.65	1505	19.95	3.89
.	LSD	0.47	0.06	1.4	2.3	0.5	2.6	0.6	0.39	1055	3.03	0.30

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1169	FIBERMAX 958	0.52	0.58	1.10	.	.	.	.	.	.	.
1266	STV NG 2448R	0.83	0.60	1.43	.	.	.	.	.	.	.
1255	FM 960B2R	0.76	0.62	1.38	513	50.8	2.14	69	52.33	3.95	2.3
1268	FM 5044RR	0.70	0.56	1.25	.	.	.	.	.	.	.
1214	PM 2167 RR	0.83	0.49	1.31	433	35.3	1.86	80	53.79	4.80	2.8
1215	PM 2266 RR	0.81	0.62	1.42	.	.	.	.	.	.	.
1276	ALL-TEX EXCESS RR	0.93	0.68	1.61	.	.	.	.	.	.	.
1275	BCG 24R	0.76	0.59	1.35	.	.	.	.	.	.	.
1135	PAYMASTER 2326 RR	0.84	0.70	1.54	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	0.85	0.71	1.56	.	.	.	.	.	.	.
1274	AFD 3511RR	0.72	0.60	1.32	.	.	.	.	.	.	.
1196	STV 4892 BR	0.95	0.71	1.66	523	57.5	2.25	65	53.88	3.98	2.2
1224	DP 555 R/R	0.70	0.54	1.24	499	45.8	2.05	72	51.70	4.01	2.3
1166	PHYTOGEN 72	0.70	0.55	1.25	523	40.5	1.96	76	47.11	3.49	2.3
.	LSD	0.07	0.07	0.12	49.3	15.7	0.29	11	3.70	0.33	0.3

LOCATION=LAMESA, TX (DRY)

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL 2.5% S.L. (inches)	FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	E1 (%)
1196	STV 4892 BR	1175	4.86	42.4	10.4	109	1.12	0.57	175	7.3
1255	FM 960B2R	1130	4.99	41.2	11.5	121	1.16	0.56	184	7.0
1224	DP 555 R/R	1122	3.75	44.9	7.8	109	1.09	0.53	178	6.0
1169	FIBERMAX 958	1103	9.96	41.8	10.5	127	1.15	0.55	191	5.3
1166	PHYTOGEN 72	1103	4.87	40.1	9.8	147	1.20	0.60	220	7.8
1266	STV NG 2448R	1065	4.96	38.4	10.3	125	1.08	0.55	214	9.4
1214	PM 2167 RR	1022	4.84	40.5	8.5	116	1.03	0.55	184	7.3
1268	FM 5044RR	1020	5.75	37.1	10.7	120	1.13	0.59	200	7.0
1275	BCG 24R	1008	4.90	41.9	8.2	115	1.13	0.58	197	6.8
1215	PM 2266 RR	958	5.54	37.4	10.7	125	1.07	0.57	202	9.4
1276	ALL-TEX EXCESS RR	905	5.34	38.4	10.3	122	1.10	0.58	204	5.8
1274	AFD 3511RR	865	4.55	38.2	10.4	119	1.10	0.57	177	7.0
1212	ALL TEX ATLAS RR	858	5.29	44.1	10.2	120	1.08	0.57	181	5.8
1135	PAYMASTER 2326 RR	801	5.05	37.7	10.6	127	1.07	0.57	200	10.0
.	LSD	145	3.92	4.5	1.3	6	0.02	0.02	29	2.4

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	Rd	COLORIMETER HUNTER'S b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1196	STV 4892 BR	5.50	1.10	83.4	29.0	7.1	75.0	9.3	5.55	1562	21.72	3.11
1255	FM 960B2R	5.00	1.10	82.6	31.0	6.3	75.0	8.5	5.05	1601	24.37	3.18
1224	DP 555 R/R	4.85	1.05	81.3	28.5	6.4	78.5	7.6	4.85	1276	19.43	3.43
1169	FIBERMAX 958	5.05	1.10	82.4	31.5	6.5	76.0	8.6	5.10	1662	22.48	3.31
1166	PHYTOGEN 72	4.70	1.20	84.3	32.0	7.2	75.5	9.4	4.75	1794	23.20	3.23
1266	STV NG 2448R	4.60	1.10	83.6	33.0	7.3	73.3	9.2	4.70	1802	22.59	3.66

1214	PM 2167 RR	5.10	1.00	82.0	29.0	7.0	76.0	8.9	5.20	1485	23.50	3.34
1268	FM 5044RR	4.40	1.10	83.2	29.5	7.7	77.5	8.5	4.55	1629	24.24	3.13
1275	BCG 24R	5.00	1.10	82.4	29.5	7.5	77.5	8.3	5.00	1363	20.36	3.16
1215	PM 2266 RR	4.90	1.05	82.7	31.0	7.1	78.0	8.5	4.90	1693	23.62	3.18
1276	ALL-TEX EXCESS RR	4.80	1.05	82.8	30.0	7.3	77.0	8.0	4.95	1438	23.71	3.47
1274	AFD 3511RR	5.05	1.10	83.1	31.0	6.8	75.0	8.3	5.00	1346	22.61	3.24
1212	ALL TEX ATLAS RR	4.95	1.00	81.7	30.0	7.2	76.5	8.7	4.95	1096	23.21	3.38
1135	PAYMASTER 2326 RR	5.15	1.05	83.2	31.5	7.1	73.5	8.8	5.20	1319	21.27	3.16
.	LSD	0.45	0.08	0.8	1.6	0.3	1.7	0.8	0.45	472	1.61	0.52

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1196	STV 4892 BR	1.04	0.77	1.81	380	25.3	1.67	87	55.04	5.61	3.2
1255	FM 960B2R	0.86	0.69	1.54	404	21.3	1.58	91	49.13	4.71	3.1
1224	DP 555 R/R	0.76	0.58	1.34	432	37.3	1.91	78	55.26	4.95	2.8
1169	FIBERMAX 958	0.59	0.65	1.24	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.74	0.57	1.30	434	25.0	1.66	87	48.04	4.29	2.8
1266	STV NG 2448R	0.94	0.65	1.59	.	.	.	.	.	.	.
1214	PM 2167 RR	0.86	0.48	1.34	406	29.8	1.76	84	54.31	5.18	3.0
1268	FM 5044RR	0.85	0.67	1.52	.	.	.	.	.	.	.
1275	BCG 24R	0.92	0.71	1.63	.	.	.	.	.	.	.
1215	PM 2266 RR	0.91	0.65	1.57	.	.	.	.	.	.	.
1276	ALL-TEX EXCESS RR	0.96	0.67	1.63	.	.	.	.	.	.	.
1274	AFD 3511RR	0.83	0.68	1.50	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	0.95	0.71	1.66	.	.	.	.	.	.	.
1135	PAYMASTER 2326 RR	0.90	0.69	1.58	.	.	.	.	.	.	.
.	LSD	0.10	0.10	0.17	42.6	9.8	0.20	8	3.26	0.62	0.5

LOCATION=ALTUS, OK (IRR)

VARIETY	VARIETY	LINT	BOLL	LINT	SEED	YARN TENACITY	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD	SIZE				2.5% S.L.	50% S.L.	T1	E1

CODE	NAME	(lb/acre)	(g/boll)	PERCENT	INDEX	(mN/TEX)	(inches)	(inches)	(mN/tex)	(%)
1255	FM 960B2R	1839	6.00	39.5	11.4	147	1.16	0.62	226	5.8
1224	DP 555 R/R	1824	4.79	44.1	7.5	122	1.09	0.55	191	8.6
1169	FIBERMAX 958	1756	5.67	41.8	10.5	131	1.15	0.61	221	7.4
1135	PAYMASTER 2326 RR	1673	6.08	38.1	11.1	122	1.12	0.58	211	8.3
1196	STV 4892 BR	1669	5.45	40.5	10.9	120	1.12	0.58	200	9.3
1215	PM 2266 RR	1581	6.63	37.5	11.7	130	1.11	0.60	222	7.0
1275	BCG 24R	1555	4.95	40.1	8.8	124	1.08	0.59	211	8.4
1212	ALL TEX ATLAS RR	1547	5.96	36.8	10.5	141	1.14	0.58	236	6.9
1274	AFD 3511RR	1518	6.00	37.1	11.6	125	1.03	0.56	200	7.9
1214	PM 2167 RR	1505	5.03	38.7	9.5	126	0.99	0.55	198	8.1
1268	FM 5044RR	1467	6.05	36.1	11.3	121	1.13	0.59	211	9.0
1166	PHYTOGEN 72	1444	5.46	39.0	10.1	141	1.16	0.62	236	9.5
1276	ALL-TEX EXCESS RR	1415	6.65	36.7	10.7	128	1.06	0.57	226	7.9
1266	STV NG 2448R	1410	5.62	37.9	10.8	136	1.07	0.58	218	10.3
.	LSD	165	0.29	1.6	0.6	7	0.08	0.05	28	1.4

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)	(%)	(%)
1255	FM 960B2R	4.90	1.20	85.0	33.5	6.4	71.5	7.8	5.00	2899	22.47	3.54
1224	DP 555 R/R	4.60	1.10	82.5	29.5	6.3	73.5	7.5	4.50	2373	17.72	3.90
1169	FIBERMAX 958	4.60	1.20	85.9	31.0	7.0	69.5	8.3	4.60	2392	22.53	3.66
1135	PAYMASTER 2326 RR	4.50	1.15	85.4	29.0	7.0	71.5	8.0	4.55	2638	19.14	3.27
1196	STV 4892 BR	4.95	1.15	83.6	30.0	6.8	67.0	8.4	5.35	2248	20.35	3.61
1215	PM 2266 RR	5.00	1.10	84.1	31.5	6.9	68.5	8.0	4.90	2781	20.92	3.47
1275	BCG 24R	5.10	1.10	83.7	30.0	6.9	69.0	8.5	5.05	2354	21.69	3.38
1212	ALL TEX ATLAS RR	4.90	1.20	84.6	32.5	6.3	72.0	7.5	4.85	2646	22.09	3.94
1274	AFD 3511RR	4.85	1.10	83.4	31.5	6.8	68.5	8.4	4.80	2572	21.72	3.53
1214	PM 2167 RR	5.15	1.00	83.4	29.5	6.8	68.0	8.4	5.15	2470	22.32	3.81
1268	FM 5044RR	3.85	1.15	84.8	29.0	7.1	71.5	8.5	3.90	2551	22.50	3.80
1166	PHYTOGEN 72	4.55	1.20	85.2	32.0	7.2	68.5	8.8	4.50	2249	20.65	3.87
1276	ALL-TEX EXCESS RR	4.85	1.10	82.8	30.5	7.2	66.5	7.6	4.80	2532	21.83	3.80
1266	STV NG 2448R	4.90	1.10	84.4	32.0	7.0	67.5	7.8	4.85	2323	21.95	3.56
.	LSD	0.54	0.07	1.7	2.1	0.6	2.9	0.7	0.55	384	1.26	0.29

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1255	FM 960B2R	0.71	0.58	1.29	421	19.5	1.54	92	46.04	4.26	3.0
1224	DP 555 R/R	0.69	0.54	1.23	454	26.8	1.70	86	46.89	4.00	2.7
1169	FIBERMAX 958	0.85	0.56	1.40	.	.	.	.	.	.	.
1135	PAYMASTER 2326 RR	0.78	0.59	1.37	.	.	.	.	.	.	.
1196	STV 4892 BR	0.97	0.70	1.67	383	18.8	1.52	93	49.95	5.06	3.3
1215	PM 2266 RR	0.74	0.58	1.31	.	.	.	.	.	.	.
1275	BCG 24R	0.83	0.68	1.50	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	0.50	0.56	1.05	.	.	.	.	.	.	.
1274	AFD 3511RR	0.84	0.67	1.50	.	.	.	.	.	.	.
1214	PM 2167 RR	0.91	0.50	1.40	394	19.0	1.53	92	48.68	4.78	3.2
1268	FM 5044RR	0.73	0.55	1.27	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.68	0.52	1.20	441	16.0	1.46	95	41.51	3.64	3.0
1276	ALL-TEX EXCESS RR	0.78	0.54	1.32	.	.	.	.	.	.	.
1266	STV NG 2448R	0.91	0.61	1.51	.	.	.	.	.	.	.
.	LSD	0.05	0.05	0.10	35.0	5.8	0.13	4	5.11	0.82	0.3

LOCATION=CHICKASHA, OK (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 (%)
1224	DP 555 R/R	1207	4.88	45.0	8.2	.	.	.	.	.
1169	FIBERMAX 958	1095	5.81	42.3	10.9	.	.	.	.	.
1196	STV 4892 BR	1001	6.19	42.9	11.8	.	.	.	.	.
1135	PAYMASTER 2326 RR	977	6.13	39.0	11.0	.	.	.	.	.
1212	ALL TEX ATLAS RR	948	5.67	41.5	10.0	.	.	.	.	.
1255	FM 960B2R	945	5.99	42.6	11.0	.	.	.	.	.
1275	BCG 24R	933	5.83	41.0	10.7	.	.	.	.	.
1274	AFD 3511RR	904	6.65	37.7	12.0	.	.	.	.	.
1266	STV NG 2448R	902	5.80	39.6	9.8	.	.	.	.	.

1255	FM 960B2R	.	.	.	.	.	.	.	.	.	.
1275	BCG 24R	.	.	.	.	.	.	.	.	.	.
1274	AFD 3511RR	.	.	.	.	.	.	.	.	.	.
1266	STV NG 2448R	.	.	.	.	.	.	.	.	.	.
1215	PM 2266 RR	.	.	.	.	.	.	.	.	.	.
1268	FM 5044RR	.	.	.	.	.	.	.	.	.	.
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	.
1214	PM 2167 RR	.	.	.	.	.	.	.	.	.	.
1276	ALL-TEX EXCESS RR	.	.	.	.	.	.	.	.	.	.
.	LSD	.	.	.	.	.	.	.	.	.	.

LOCATION=TIPTON, OK

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL 2.5% S.L. (inches)	FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	E1 (%)
1169	FIBERMAX 958	1046	5.72	40.7	10.3	121	1.01	0.54	216	6.3
1275	BCG 24R	1036	5.22	42.1	8.5	120	0.98	0.54	218	7.0
1274	AFD 3511RR	997	6.10	38.1	10.7	109	0.94	0.50	184	6.0
1224	DP 555 R/R	988	4.72	43.6	8.8	107	1.02	0.53	214	5.3
1196	STV 4892 BR	979	5.01	42.5	10.4	109	1.06	0.56	192	7.3
1268	FM 5044RR	971	5.81	38.3	10.5	119	1.03	0.56	185	7.8
1255	FM 960B2R	963	5.61	43.0	10.9	106	1.03	0.53	194	4.0
1135	PAYMASTER 2326 RR	949	5.65	40.3	9.8	113	1.00	0.54	190	6.5
1215	PM 2266 RR	941	6.44	41.6	10.1	117	0.98	0.55	217	5.6
1212	ALL TEX ATLAS RR	935	5.64	38.5	9.5	133	1.06	0.55	192	5.3
1266	STV NG 2448R	912	5.80	39.7	9.8	117	1.03	0.57	231	5.9
1276	ALL-TEX EXCESS RR	882	6.12	39.6	10.4	115	0.96	0.52	197	7.0
1214	PM 2167 RR	835	5.12	40.7	8.9	103	0.88	0.49	177	6.0
1166	PHYTOGEN 72	649	5.65	38.4	10.3	143	1.14	0.61	249	9.0
.	LSD	138	0.56	2.3	1.3	14	0.08	0.04	22	1.5

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)	(%)	(%)
1169	FIBERMAX 958	4.65	1.00	82.0	32.5	6.6	63.5	7.2	4.75	1453	21.52	4.06
1275	BCG 24R	5.40	1.00	83.5	33.5	6.9	66.5	7.9	5.35	1371	20.08	3.82
1274	AFD 3511RR	5.20	0.95	80.9	29.0	6.6	68.5	7.6	5.25	1457	20.93	3.51
1224	DP 555 R/R	5.80	1.10	81.7	31.0	6.1	70.0	7.9	5.60	1250	17.43	3.83
1196	STV 4892 BR	5.95	1.05	83.1	29.5	6.9	67.0	8.5	5.80	1372	18.62	3.61
1268	FM 5044RR	4.90	1.05	82.1	29.5	6.8	70.0	7.9	4.85	1355	21.48	4.14
1255	FM 960B2R	5.60	1.05	81.9	31.5	5.9	70.0	7.5	5.55	1277	21.18	3.70
1135	PAYMASTER 2326 RR	5.80	1.05	80.8	29.5	6.8	71.0	7.7	5.75	1437	19.64	3.83
1215	PM 2266 RR	5.60	0.95	81.8	30.5	6.5	64.5	7.3	5.55	1301	21.14	3.99
1212	ALL TEX ATLAS RR	5.45	1.10	83.0	33.5	6.0	69.5	7.8	5.35	1430	20.62	3.30
1266	STV NG 2448R	5.30	1.00	81.9	33.0	6.9	70.0	7.1	5.20	1434	20.80	3.81
1276	ALL-TEX EXCESS RR	5.05	1.00	81.6	32.5	6.7	67.0	7.7	5.10	1393	19.36	3.65
1214	PM 2167 RR	5.50	0.90	80.0	27.0	6.3	67.5	8.4	5.70	1210	20.18	3.85
1166	PHYTOGEN 72	4.90	1.15	83.2	36.5	7.3	66.5	8.2	4.90	1037	19.73	3.75
.	LSD	0.54	0.11	2.4	2.5	0.5	3.8	0.6	0.54	434	1.34	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)
1169	FIBERMAX 958	0.61	0.40	1.01	.	.	.	.	.	.	.
1275	BCG 24R	0.62	0.49	1.10	.	.	.	.	.	.	.
1274	AFD 3511RR	0.70	0.50	1.20	.	.	.	.	.	.	.
1224	DP 555 R/R	0.55	0.39	0.93	374	7.0	1.22	104	41.08	4.26	3.8
1196	STV 4892 BR	0.76	0.51	1.28	358	9.8	1.30	101	45.57	4.93	3.8
1268	FM 5044RR	0.55	0.40	0.94	.	.	.	.	.	.	.
1255	FM 960B2R	0.51	0.39	0.90	368	9.8	1.30	101	44.29	4.65	3.7
1135	PAYMASTER 2326 RR	0.67	0.49	1.16	.	.	.	.	.	.	.
1215	PM 2266 RR	0.62	0.49	1.10	.	.	.	.	.	.	.
1212	ALL TEX ATLAS RR	0.44	0.45	0.89	.	.	.	.	.	.	.
1266	STV NG 2448R	0.66	0.45	1.11	.	.	.	.	.	.	.
1276	ALL-TEX EXCESS RR	0.53	0.36	0.89	.	.	.	.	.	.	.
1214	PM 2167 RR	0.59	0.29	0.88	379	12.0	1.36	99	45.06	4.60	3.5
1166	PHYTOGEN 72	0.55	0.39	0.93	419	8.8	1.27	102	37.82	3.49	3.4
.	LSD	0.08	0.08	0.15	33.8	8.0	0.24	9	4.70	0.42	0.7

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National Cotton Variety Tests, 2007

Yield, Boll, Seed, Spinning and Data

2007 EASTERN 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 2.5% S.L. (inches)	FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	E1 (%)
1270	DP 555BG/RR	1685	.	50.0	.	124	1.11	0.52	200	7.1
1269	DP 444BG/RR	1532	.	46.7	.	137	1.12	0.55	202	7.5
1326	PHY 375WRF	1367	4.28	44.7	8.9	123	1.09	0.53	185	7.0
1313	PHY 485WRF	1304	3.96	40.8	8.8	127	1.11	0.56	196	8.5
1325	STV 4427B2RF	1276	3.99	41.2	8.9	122	1.11	0.54	183	5.9
1324	STV 5327B2RF	1252	4.38	44.3	9.1	125	1.11	0.55	203	8.0
1282	DPL 445BR	1250	4.54	44.5	9.2	131	1.12	0.56	210	9.0

1320	DPL 515BR	1248	4.27	42.6	8.2	119	1.08	0.53	196	6.6
1323	STV 4554B2RF	1237	4.45	41.4	9.1	123	1.09	0.54	200	9.0
1319	DPL 454BR	1230	4.12	45.0	8.5	126	1.06	0.53	196	6.8
1196	STV 4892 BR	1220	4.42	42.2	9.5	118	1.08	0.53	187	6.7
1322	DPL 143B2RF	1181	4.52	40.6	9.4	123	1.16	0.54	192	6.9
1166	PHYTOGEN 72	1151	4.40	40.6	9.8	143	1.16	0.57	237	7.3
1255	FM 960B2R	1130	4.59	40.7	9.8	132	1.11	0.54	204	5.3
1321	DPL 117B2RF	1098	4.66	41.8	7.9	142	1.13	0.55	218	6.8
1214	PM 2167 RR	1054	4.47	39.9	9.4	116	1.01	0.53	187	6.4
1224	DP 555 R/R	1023	4.30	42.3	7.5	108	1.06	0.51	180	5.3
1341	DP 353	992	4.42	41.9	9.0	123	1.08	0.55	191	6.2
.	LSD	195	0.44	2.4	1.2	7	0.03	0.02	14	0.9

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
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1270	DP 555BG/RR	4.38	1.10	82.1	32.8	6.5	73.0	6.0	4.30	1685	18.87	3.91
1269	DP 444BG/RR	4.33	1.13	83.4	31.3	7.0	70.8	7.4	4.28	1769	22.11	3.86
1326	PHY 375WRF	4.04	1.10	81.8	26.3	6.2	70.3	7.7	4.00	1610	18.88	3.88
1313	PHY 485WRF	4.19	1.13	83.1	29.2	7.0	67.3	8.0	4.15	1850	19.78	3.71
1325	STV 4427B2RF	4.03	1.12	82.3	28.5	6.2	68.8	7.7	4.08	1705	19.19	3.70
1324	STV 5327B2RF	4.26	1.08	82.3	29.1	6.6	68.6	8.3	4.21	1512	19.29	3.81
1282	DPL 445BR	4.16	1.11	82.9	30.3	7.0	70.6	8.1	4.18	1516	18.28	3.96
1320	DPL 515BR	4.23	1.09	81.5	27.2	5.9	71.7	7.8	4.21	1571	18.87	3.99
1323	STV 4554B2RF	4.31	1.08	81.8	29.0	7.1	69.0	8.2	4.32	1635	19.28	3.64
1319	DPL 454BR	3.81	1.08	81.8	26.7	5.9	70.2	7.5	3.79	1441	19.80	3.85
1196	STV 4892 BR	4.17	1.07	82.2	27.5	6.3	67.6	8.4	4.15	1581	18.53	3.91
1322	DPL 143B2RF	3.98	1.18	81.4	26.9	5.9	70.7	7.8	3.92	1607	19.31	3.60
1166	PHYTOGEN 72	4.00	1.17	82.5	33.2	6.6	69.3	8.6	4.03	1587	19.12	3.82
1255	FM 960B2R	4.05	1.12	81.7	30.3	5.7	71.4	7.5	4.02	1534	19.27	3.77
1321	DPL 117B2RF	3.90	1.13	82.0	31.1	6.2	69.5	8.0	3.93	1419	20.13	3.70
1214	PM 2167 RR	4.43	0.99	81.7	28.4	6.5	68.6	8.0	4.42	1552	20.50	3.98
1224	DP 555 R/R	4.06	1.09	80.5	24.8	5.4	72.6	7.6	4.10	1302	16.81	4.05
1341	DP 353	3.48	1.10	82.3	25.4	6.1	70.8	8.3	3.55	1292	19.48	4.24
.	LSD	0.33	0.04	0.8	2.1	0.3	1.7	0.4	0.31	300	1.09	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)
1270	DP 555BG/RR	0.76	0.55	1.31	468	34.6	1.85	80	49.54	4.09	2.6
1269	DP 444BG/RR	0.94	0.63	1.57	.	.	.	.	.	.	.
1326	PHY 375WRF	0.76	0.56	1.32	.	.	.	.	.	.	.
1313	PHY 485WRF	0.91	0.54	1.45	.	.	.	.	.	.	.
1325	STV 4427B2RF	0.87	0.57	1.38	.	.	.	.	.	.	.
1324	STV 5327B2RF	0.80	0.54	1.35	.	.	.	.	.	.	.
1282	DPL 445BR	0.94	0.66	1.60	.	.	.	.	.	.	.
1320	DPL 515BR	0.78	0.51	1.29	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.79	0.51	1.30	.	.	.	.	.	.	.
1319	DPL 454BR	0.62	0.50	1.12	.	.	.	.	.	.	.
1196	STV 4892 BR	0.86	0.57	1.43	489	41.9	1.95	76	50.06	4.10	2.5
1322	DPL 143B2RF	0.84	0.63	1.47	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.63	0.45	1.08	494	32.8	1.79	82	45.46	3.63	2.5
1255	FM 960B2R	0.62	0.44	1.06	479	33.5	1.81	81	47.58	3.91	2.6
1321	DPL 117B2RF	0.85	0.61	1.43	.	.	.	.	.	.	.
1214	PM 2167 RR	0.79	0.42	1.21	458	34.5	1.84	80	50.51	4.31	2.7
1224	DP 555 R/R	0.52	0.34	0.86	487	33.5	1.80	82	46.70	3.83	2.6
1341	DP 353	0.69	0.40	1.09	.	.	.	.	.	.	.
.	LSD	0.07	0.05	0.14	35.6	9.7	0.17	6	2.06	0.26	0.2

BOLL SIZE, GRAM PER BOLL		LINT PERCENT		SEED INDEX	
DPL 117B2RF	4.66	DP 555BG/RR	50.0	PHYTOGEN 72	9.8
FM 960B2R	4.59	DP 444BG/RR	46.7	FM 960B2R	9.8
DPL 445BR	4.54	DPL 454BR	45.0	STV 4892 BR	9.5
DPL 143B2RF	4.52	PHY 375WRF	44.7	DPL 143B2RF	9.4
PM 2167 RR	4.47	DPL 445BR	44.5	PM 2167 RR	9.4
STV 4554B2RF	4.45	STV 5327B2RF	44.3	DPL 445BR	9.2
STV 4892 BR	4.42	DPL 515BR	42.6	STV 5327B2RF	9.1
DP 353	4.42	DP 555 R/R	42.3	STV 4554B2RF	9.1
PHYTOGEN 72	4.40	STV 4892 BR	42.2	DP 353	9.0
STV 5327B2RF	4.38	DP 353	41.9	STV 4427B2RF	8.9

DP 555 R/R	4.30	DPL 117B2RF	41.8	PHY 375WRF	8.9
PHY 375WRF	4.28	STV 4554B2RF	41.4	PHY 485WRF	8.8
DPL 515BR	4.27	STV 4427B2RF	41.2	DPL 454BR	8.5
DPL 454BR	4.12	PHY 485WRF	40.8	DPL 515BR	8.2
STV 4427B2RF	3.99	FM 960B2R	40.7	DPL 117B2RF	7.9
PHY 485WRF	3.96	DPL 143B2RF	40.6	DP 555 R/R	7.5
DP 444BG/RR	.	PHYTOGEN 72	40.6	DP 555BG/RR	.
DP 555BG/RR	.	PM 2167 RR	39.9	DP 444BG/RR	.
LSD	0.44	LSD	2.4	LSD	1.2

----- 2.5% S.L. (INCHES) -----		----- UR (PERCENT) -----		----- STRENGTH (G/TEX) -----	
DPL 143B2RF	1.18	DP 444BG/RR	83.4	PHYTOGEN 72	33.2
PHYTOGEN 72	1.17	PHY 485WRF	83.1	DP 555BG/RR	32.8
PHY 485WRF	1.13	DPL 445BR	82.9	DP 444BG/RR	31.3
DPL 117B2RF	1.13	PHYTOGEN 72	82.5	DPL 117B2RF	31.1
DP 444BG/RR	1.13	STV 5327B2RF	82.3	DPL 445BR	30.3
FM 960B2R	1.12	STV 4427B2RF	82.3	FM 960B2R	30.3
STV 4427B2RF	1.12	DP 353	82.3	PHY 485WRF	29.2
DPL 445BR	1.11	STV 4892 BR	82.2	STV 5327B2RF	29.1
DP 353	1.10	DP 555BG/RR	82.1	STV 4554B2RF	29.0
DP 555BG/RR	1.10	DPL 117B2RF	82.0	STV 4427B2RF	28.5
PHY 375WRF	1.10	STV 4554B2RF	81.8	PM 2167 RR	28.4
DPL 515BR	1.09	PHY 375WRF	81.8	STV 4892 BR	27.5
DP 555 R/R	1.09	DPL 454BR	81.8	DPL 515BR	27.2
STV 5327B2RF	1.08	FM 960B2R	81.7	DPL 143B2RF	26.9
STV 4554B2RF	1.08	PM 2167 RR	81.7	DPL 454BR	26.7
DPL 454BR	1.08	DPL 515BR	81.5	PHY 375WRF	26.3
STV 4892 BR	1.07	DPL 143B2RF	81.4	DP 353	25.4
PM 2167 RR	0.99	DP 555 R/R	80.5	DP 555 R/R	24.8
LSD	0.04	LSD	0.8	LSD	2.1

----- E -----		----- MICRONAIRE (SL-HVI) -----		----- COLORIMETER - Rd -----	
STV 4554B2RF	7.1	PM 2167 RR	4.42	DP 555BG/RR	73.0
DP 444BG/RR	7.0	STV 4554B2RF	4.32	DP 555 R/R	72.6
PHY 485WRF	7.0	DP 555BG/RR	4.30	DPL 515BR	71.7

DPL 445BR	7.0	DP 444BG/RR	4.28	FM 960B2R	71.4
PHYTOGEN 72	6.6	DPL 515BR	4.21	DP 444BG/RR	70.8
STV 5327B2RF	6.6	STV 5327B2RF	4.21	DP 353	70.8
DP 555BG/RR	6.5	DPL 445BR	4.18	DPL 143B2RF	70.7
PM 2167 RR	6.5	PHY 485WRF	4.15	DPL 445BR	70.6
STV 4892 BR	6.3	STV 4892 BR	4.15	PHY 375WRF	70.3
PHY 375WRF	6.2	DP 555 R/R	4.10	DPL 454BR	70.2
STV 4427B2RF	6.2	STV 4427B2RF	4.08	DPL 117B2RF	69.5
DPL 117B2RF	6.2	PHYTOGEN 72	4.03	PHYTOGEN 72	69.3
DP 353	6.1	FM 960B2R	4.02	STV 4554B2RF	69.0
DPL 515BR	5.9	PHY 375WRF	4.00	STV 4427B2RF	68.8
DPL 454BR	5.9	DPL 117B2RF	3.93	STV 5327B2RF	68.6
DPL 143B2RF	5.9	DPL 143B2RF	3.92	PM 2167 RR	68.6
FM 960B2R	5.7	DPL 454BR	3.79	STV 4892 BR	67.6
DP 555 R/R	5.4	DP 353	3.55	PHY 485WRF	67.3
LSD	0.3	LSD	0.31	LSD	1.7

----- COLORIMETER - b -----		----- MICRONAIRE -----		----- STELOMETER - E1 -----	
PHYTOGEN 72	8.6	PM 2167 RR	4.43	DPL 445BR	9.0
STV 4892 BR	8.4	DP 555BG/RR	4.38	STV 4554B2RF	9.0
STV 5327B2RF	8.3	DP 444BG/RR	4.33	PHY 485WRF	8.5
DP 353	8.3	STV 4554B2RF	4.31	STV 5327B2RF	8.0
STV 4554B2RF	8.2	STV 5327B2RF	4.26	DP 444BG/RR	7.5
DPL 445BR	8.1	DPL 515BR	4.23	PHYTOGEN 72	7.3
PM 2167 RR	8.0	PHY 485WRF	4.19	DP 555BG/RR	7.1
DPL 117B2RF	8.0	STV 4892 BR	4.17	PHY 375WRF	7.0
PHY 485WRF	8.0	DPL 445BR	4.16	DPL 143B2RF	6.9
DPL 143B2RF	7.8	DP 555 R/R	4.06	DPL 117B2RF	6.8
DPL 515BR	7.8	FM 960B2R	4.05	DPL 454BR	6.8
PHY 375WRF	7.7	PHY 375WRF	4.04	STV 4892 BR	6.7
STV 4427B2RF	7.7	STV 4427B2RF	4.03	DPL 515BR	6.6
DP 555 R/R	7.6	PHYTOGEN 72	4.00	PM 2167 RR	6.4
FM 960B2R	7.5	DPL 143B2RF	3.98	DP 353	6.2
DPL 454BR	7.5	DPL 117B2RF	3.90	STV 4427B2RF	5.9
DP 444BG/RR	7.4	DPL 454BR	3.81	DP 555 R/R	5.3
DP 555BG/RR	6.0	DP 353	3.48	FM 960B2R	5.3
LSD	0.4	LSD	0.33	LSD	0.9

STELOMETER - T1	
PHYTOGEN 72	237
DPL 117B2RF	218
DPL 445BR	210
FM 960B2R	204
STV 5327B2RF	203
DP 444BG/RR	202
STV 4554B2RF	200
DP 555BG/RR	200
PHY 485WRF	196
DPL 454BR	196
DPL 515BR	196
DPL 143B2RF	192
DP 353	191
STV 4892 BR	187
PM 2167 RR	187
PHY 375WRF	185
STV 4427B2RF	183
DP 555 R/R	180
LSD	14

FIBROGRAPH--50% S.L.	
PHYTOGEN 72	0.57
DPL 445BR	0.56
PHY 485WRF	0.56
DPL 117B2RF	0.55
DP 353	0.55
STV 5327B2RF	0.55
DP 444BG/RR	0.55
STV 4554B2RF	0.54
STV 4427B2RF	0.54
DPL 143B2RF	0.54
FM 960B2R	0.54
PM 2167 RR	0.53
PHY 375WRF	0.53
DPL 515BR	0.53
DPL 454BR	0.53
STV 4892 BR	0.53
DP 555BG/RR	0.52
DP 555 R/R	0.51
LSD	0.02

FIBROGRAPH--2.5% SL	
DPL 143B2RF	1.16
PHYTOGEN 72	1.16
DPL 117B2RF	1.13
DP 444BG/RR	1.12
DPL 445BR	1.12
PHY 485WRF	1.11
FM 960B2R	1.11
STV 4427B2RF	1.11
DP 555BG/RR	1.11
STV 5327B2RF	1.11
STV 4554B2RF	1.09
PHY 375WRF	1.09
DP 353	1.08
DPL 515BR	1.08
STV 4892 BR	1.08
DP 555 R/R	1.06
DPL 454BR	1.06
PM 2167 RR	1.01
LSD	0.03

YARN TENACITY	
PHYTOGEN 72	143
DPL 117B2RF	142
DP 444BG/RR	137
FM 960B2R	132
DPL 445BR	131
PHY 485WRF	127
DPL 454BR	126
STV 5327B2RF	125
DP 555BG/RR	124
PHY 375WRF	123
DPL 143B2RF	123
DP 353	123
STV 4554B2RF	123
STV 4427B2RF	122

AREALOMETER - A (mm ² /mm ³)	
PHYTOGEN 72	494
STV 4892 BR	489
DP 555 R/R	487
FM 960B2R	479
DP 555BG/RR	468
PM 2167 RR	458
DPL 117B2RF	.
DP 444BG/RR	.
DPL 445BR	.
PHY 485WRF	.
DPL 454BR	.
STV 5327B2RF	.
PHY 375WRF	.
DPL 143B2RF	.

AREALOMETER - D (mm ²)	
STV 4892 BR	41.9
DP 555BG/RR	34.6
PM 2167 RR	34.5
FM 960B2R	33.5
DP 555 R/R	33.5
PHYTOGEN 72	32.8
DPL 117B2RF	.
DP 444BG/RR	.
DPL 445BR	.
PHY 485WRF	.
DPL 454BR	.
STV 5327B2RF	.
PHY 375WRF	.
DPL 143B2RF	.

DPL 515BR	119
STV 4892 BR	118
PM 2167 RR	116
DP 555 R/R	108
LSD	7

DP 353	.
STV 4554B2RF	.
STV 4427B2RF	.
DPL 515BR	.
LSD	35.6

DP 353	.
STV 4554B2RF	.
STV 4427B2RF	.
DPL 515BR	.
LSD	9.7

AREALOMETER - I

STV 4892 BR	1.95
DP 555BG/RR	1.85
PM 2167 RR	1.84
FM 960B2R	1.81
DP 555 R/R	1.80
PHYTOGEN 72	1.79
DPL 117B2RF	.
DP 444BG/RR	.
DPL 445BR	.
PHY 485WRF	.
DPL 454BR	.
STV 5327B2RF	.
PHY 375WRF	.
DPL 143B2RF	.
DP 353	.
STV 4554B2RF	.
STV 4427B2RF	.
DPL 515BR	.
LSD	0.17

AREALOMETER - M (PERCENT)

PHYTOGEN 72	82
DP 555 R/R	82
FM 960B2R	81
PM 2167 RR	80
DP 555BG/RR	80
STV 4892 BR	76
DPL 117B2RF	.
DP 444BG/RR	.
DPL 445BR	.
PHY 485WRF	.
DPL 454BR	.
STV 5327B2RF	.
PHY 375WRF	.
DPL 143B2RF	.
DP 353	.
STV 4554B2RF	.
STV 4427B2RF	.
DPL 515BR	.
LSD	6

AREALOMETER - p (Microns)

PM 2167 RR	50.51
STV 4892 BR	50.06
DP 555BG/RR	49.54
FM 960B2R	47.58
DP 555 R/R	46.70
PHYTOGEN 72	45.46
DPL 117B2RF	.
DP 444BG/RR	.
DPL 445BR	.
PHY 485WRF	.
DPL 454BR	.
STV 5327B2RF	.
PHY 375WRF	.
DPL 143B2RF	.
DP 353	.
STV 4554B2RF	.
STV 4427B2RF	.
DPL 515BR	.
LSD	2.06

AREALOMETER - w (MG/INCH)

PM 2167 RR	4.31
STV 4892 BR	4.10
DP 555BG/RR	4.09
FM 960B2R	3.91
DP 555 R/R	3.83

AREALOMETER - t (MICRONS)

PM 2167 RR	2.7
FM 960B2R	2.6
DP 555BG/RR	2.6
DP 555 R/R	2.6
STV 4892 BR	2.5

SEED YIELD (LB/ACRE)

PHY 485WRF	1850
DP 444BG/RR	1769
STV 4427B2RF	1705
DP 555BG/RR	1685
STV 4554B2RF	1635

PHYTOGEN 72	3.63
DPL 117B2RF	.
DP 444BG/RR	.
DPL 445BR	.
PHY 485WRF	.
DPL 454BR	.
STV 5327B2RF	.
PHY 375WRF	.
DPL 143B2RF	.
DP 353	.
STV 4554B2RF	.
STV 4427B2RF	.
DPL 515BR	.
LSD	0.26

PHYTOGEN 72	2.5
DPL 117B2RF	.
DP 444BG/RR	.
DPL 445BR	.
PHY 485WRF	.
DPL 454BR	.
STV 5327B2RF	.
PHY 375WRF	.
DPL 143B2RF	.
DP 353	.
STV 4554B2RF	.
STV 4427B2RF	.
DPL 515BR	.
LSD	0.2

PHY 375WRF	1610
DPL 143B2RF	1607
PHYTOGEN 72	1587
STV 4892 BR	1581
DPL 515BR	1571
PM 2167 RR	1552
FM 960B2R	1534
DPL 445BR	1516
STV 5327B2RF	1512
DPL 454BR	1441
DPL 117B2RF	1419
DP 555 R/R	1302
DP 353	1292
LSD	300

OIL (PERCENT)

DP 444BG/RR	22.11
PM 2167 RR	20.50
DPL 117B2RF	20.13
DPL 454BR	19.80
PHY 485WRF	19.78
DP 353	19.48
DPL 143B2RF	19.31
STV 5327B2RF	19.29
STV 4554B2RF	19.28
FM 960B2R	19.27
STV 4427B2RF	19.19
PHYTOGEN 72	19.12
PHY 375WRF	18.88
DP 555BG/RR	18.87
DPL 515BR	18.87
STV 4892 BR	18.53
DPL 445BR	18.28
DP 555 R/R	16.81
LSD	1.09

NITROGEN (PERCENT)

DP 353	4.24
DP 555 R/R	4.05
DPL 515BR	3.99
PM 2167 RR	3.98
DPL 445BR	3.96
STV 4892 BR	3.91
DP 555BG/RR	3.91
PHY 375WRF	3.88
DP 444BG/RR	3.86
DPL 454BR	3.85
PHYTOGEN 72	3.82
STV 5327B2RF	3.81
FM 960B2R	3.77
PHY 485WRF	3.71
STV 4427B2RF	3.70
DPL 117B2RF	3.70
STV 4554B2RF	3.64
DPL 143B2RF	3.60
LSD	0.24

PLUS GOSSYPOL

DPL 445BR	0.94
DP 444BG/RR	0.94
PHY 485WRF	0.91
STV 4427B2RF	0.87
STV 4892 BR	0.86
DPL 117B2RF	0.85
DPL 143B2RF	0.84
STV 5327B2RF	0.80
PM 2167 RR	0.79
STV 4554B2RF	0.79
DPL 515BR	0.78
DP 555BG/RR	0.76
PHY 375WRF	0.76
DP 353	0.69
PHYTOGEN 72	0.63
DPL 454BR	0.62
FM 960B2R	0.62
DP 555 R/R	0.52
LSD	0.07

MINUS GOSSYPOL		TOTAL GOSSYPOL (PERCENT)	
DPL 445BR	0.66	DPL 445BR	1.60
DPL 143B2RF	0.63	DP 444BG/RR	1.57
DP 444BG/RR	0.63	DPL 143B2RF	1.47
DPL 117B2RF	0.61	PHY 485WRF	1.45
STV 4427B2RF	0.57	STV 4892 BR	1.43
STV 4892 BR	0.57	DPL 117B2RF	1.43
PHY 375WRF	0.56	STV 4427B2RF	1.38
DP 555BG/RR	0.55	STV 5327B2RF	1.35
STV 5327B2RF	0.54	PHY 375WRF	1.32
PHY 485WRF	0.54	DP 555BG/RR	1.31
DPL 515BR	0.51	STV 4554B2RF	1.30
STV 4554B2RF	0.51	DPL 515BR	1.29
DPL 454BR	0.50	PM 2167 RR	1.21
PHYTOGEN 72	0.45	DPL 454BR	1.12
FM 960B2R	0.44	DP 353	1.09
PM 2167 RR	0.42	PHYTOGEN 72	1.08
DP 353	0.40	FM 960B2R	1.06
DP 555 R/R	0.34	DP 555 R/R	0.86
LSD	0.05	LSD	0.14

LOCATIONS COMBINING VARIETIES

LOCATION	LINT	BOLL	YARN		DIGITAL FIBROGRAPH		STELOMETER		
	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 (%)
SUFFOLK, VA	1880	.	48.8	.	131	1.14	0.54	206	8.2
GRIFFIN, GA	1735	.	44.8	.	116	1.09	0.56	192	6.2
PAINTER, VA	1503	.	44.1	.	133	1.13	0.53	215	8.4
STARKVILLE, MS	1208	5.45	40.7	10.6	143	1.12	0.58	224	6.8
AUBURN, AL	532	3.87	39.0	7.8	116	1.03	0.51	181	6.1
BELLE MINA, AL	443	3.76	37.5	8.4	115	1.09	0.52	172	6.6

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

LOCATION	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	MICRO-NAIRE (Reading) b	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)	
SUFFOLK, VA	4.78	1.11	82.7	31.7	6.8	68.0	7.1	4.70	1980	21.21	3.80
GRIFFIN, GA	4.00	1.11	82.3	28.2	6.9	67.3	7.0	3.97	2141	.	.
PAINTER, VA	4.32	1.13	82.8	32.3	6.8	69.8	7.1	4.22	1954	20.23	3.48
STARKVILLE, MS	5.05	1.15	83.4	31.3	6.6	70.8	6.8	5.02	1742	21.47	3.81
AUBURN, AL	3.77	1.02	80.6	26.7	5.5	72.5	9.9	3.89	828	17.71	4.04
BELLE MINA, AL	2.64	1.09	80.5	21.7	5.3	70.5	9.5	2.71	733	15.94	3.91

---GOSSYPOL LEVELS---

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

LOCATION	PLUS (+)	MINUS (-)	TOTAL (%)	A	D	M	p	w	t	
	(+)	(-)	(%)	---(mm2/mm3)---	I	(%)	(microns)	(mg/in)	(microns)	
SUFFOLK, VA	0.95	0.67	1.62	428	25.5	1.66	87	48.73	4.41	2.9
GRIFFIN, GA	.	.	.	453	31.3	1.78	82	49.42	4.22	2.7
PAINTER, VA	0.96	0.67	1.60	457	30.7	1.77	83	48.67	4.14	2.7
STARKVILLE, MS	0.96	0.70	1.66	416	21.3	1.57	90	47.64	4.45	3.0
AUBURN, AL	0.54	0.30	0.83	515	41.8	1.96	76	47.89	3.63	2.4
BELLE MINA, AL	0.56	0.35	0.91	613	61.5	2.30	63	47.16	3.00	1.9

LOCATION=SUFFOLK, VA

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL FIBROGRAPH 2.5% S.L. (inches)	50% S.L. (inches)	STELOMETER T1 (mN/tex)	E1 (%)
1313	PHY 485WRF	1996	.	40.0	.	131	1.15	0.55	220	9.9
1326	PHY 375WRF	1811	.	50.0	.	130	1.11	0.52	207	8.9

1325	STV 4427B2RF	1740	.	40.0	.	129	1.14	0.52	209	7.7
1166	PHYTOGEN 72	1692	.	40.0	.	150	1.22	0.57	257	8.2
1324	STV 5327B2RF	1559	.	50.0	.	133	1.14	0.54	218	9.8
1323	STV 4554B2RF	1525	.	40.0	.	126	1.12	0.53	213	10.5
1319	DPL 454BR	1514	.	50.0	.	132	1.07	0.51	214	8.5
1255	FM 960B2R	1473	.	40.0	.	147	1.20	0.55	221	6.8
1270	DP 555BG/RR	1470	.	50.0	.	124	1.09	0.51	199	6.9
1320	DPL 515BR	1418	.	40.0	.	130	1.10	0.52	217	7.9
1282	DPL 445BR	1400	.	50.0	.	132	1.11	0.54	217	8.4
1269	DP 444BG/RR	1359	.	50.0	.	133	1.10	0.53	202	7.8
1321	DPL 117B2RF	1359	.	40.0	.	157	1.19	0.53	233	8.1
1196	STV 4892 BR	1293	.	45.0	.	128	1.12	0.54	221	8.3
1214	PM 2167 RR	1274	.	40.0	.	120	1.00	0.51	198	7.7
1322	DPL 143B2RF	1171	.	40.0	.	133	1.19	0.52	204	8.8
.	LSD	547	.	3.8	.	8	0.06	0.03	26	1.6

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	RD	COLORIMETER HUNTER'S b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1313	PHY 485WRF	4.20	1.20	84.4	31.0	7.3	67.5	7.4	4.15	2994	21.52	3.43
1326	PHY 375WRF	4.55	1.10	82.4	29.5	6.6	70.5	6.9	4.30	1811	19.82	3.82
1325	STV 4427B2RF	3.95	1.15	82.7	30.5	6.5	67.5	7.1	3.95	2610	19.78	3.21
1166	PHYTOGEN 72	4.15	1.20	84.5	36.5	7.1	69.0	7.5	4.15	2539	.	.
1324	STV 5327B2RF	4.43	1.10	83.5	32.0	7.1	67.3	7.0	4.43	1559	19.18	3.51
1323	STV 4554B2RF	4.90	1.10	83.1	31.5	7.7	68.5	7.4	4.80	2288	20.06	3.44
1319	DPL 454BR	4.00	1.10	82.8	31.5	6.5	70.0	6.8	3.95	1514	21.20	3.56
1255	FM 960B2R	3.85	1.20	82.6	35.5	6.2	71.5	6.7	3.75	2210	.	.
1270	DP 555BG/RR	4.25	1.10	81.5	33.5	6.6	73.5	6.6	4.15	1470	.	.
1320	DPL 515BR	4.30	1.10	82.0	32.5	6.8	71.0	6.8	4.25	2127	19.84	4.01
1282	DPL 445BR	4.60	1.10	83.0	33.5	7.5	71.5	7.4	4.60	1400	18.80	3.87
1269	DP 444BG/RR	4.20	1.10	83.4	31.0	7.1	72.0	7.1	4.00	1359	.	.
1321	DPL 117B2RF	3.70	1.20	83.0	36.0	6.7	71.0	7.0	3.75	2038	21.88	2.78
1196	STV 4892 BR	4.50	1.10	82.7	33.0	7.0	66.0	8.0	4.20	1682	.	.
1214	PM 2167 RR	5.40	1.00	81.6	32.0	7.1	68.0	7.2	5.20	1911	.	.
1322	DPL 143B2RF	4.10	1.20	81.9	28.0	6.0	72.0	7.0	3.90	1756	20.25	3.18
.	LSD	0.62	0.05	0.8	2.2	0.4	4.4	0.8	0.67	868	1.68	0.61

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	1.16	0.74	1.89	.	.	.	.	.	.	.
1326	PHY 375WRF	0.94	0.70	1.64	.	.	.	.	.	.	.
1325	STV 4427B2RF	0.97	0.66	1.30	.	.	.	.	.	.	.
1166	PHYTOGEN 72	.	.	.	462	22.8	1.61	89	43.82	3.67	2.7
1324	STV 5327B2RF	0.83	0.57	1.41	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.91	0.61	1.52	.	.	.	.	.	.	.
1319	DPL 454BR	0.76	0.61	1.37	.	.	.	.	.	.	.
1255	FM 960B2R	.	.	.	490	41.8	1.98	75	50.84	4.04	2.4
1270	DP 555BG/RR	.	.	.	472	35.0	1.86	80	49.52	4.06	2.6
1320	DPL 515BR	0.92	0.61	1.52	.	.	.	.	.	.	.
1282	DPL 445BR	1.09	0.74	1.83	.	.	.	.	.	.	.
1269	DP 444BG/RR	.	.	.	.	.	.	.	.	.	.
1321	DPL 117B2RF	1.04	0.78	1.81	.	.	.	.	.	.	.
1196	STV 4892 BR	.	.	.	451	32.5	1.81	81	50.48	4.33	2.7
1214	PM 2167 RR	.	.	.	409	21.5	1.59	90	48.67	4.61	3.1
1322	DPL 143B2RF	0.99	0.75	1.73	.	.	.	.	.	.	.
.	LSD	0.28	0.28	0.61	88.3	14.0	0.23	8	3.90	0.91	0.5

LOCATION=AUBURN, AL

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD (lb/acre)	SIZE (g/boll)				2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1319	DPL 454BR	673	3.62	41.5	7.6	116	0.99	0.51	164	7.0
1324	STV 5327B2RF	654	3.89	41.5	8.3	115	1.04	0.53	199	5.3
1341	DP 353	617	4.26	40.8	8.7	114	1.06	0.54	185	6.7
1282	DPL 445BR	613	4.08	40.3	8.3	124	1.06	0.54	201	9.3
1325	STV 4427B2RF	602	3.44	38.3	7.7	113	1.02	0.50	159	4.4
1326	PHY 375WRF	575	3.85	40.8	7.7	121	1.02	0.53	176	5.0
1320	DPL 515BR	546	3.81	40.0	7.7	101	1.00	0.50	158	5.7

1214	PM 2167 RR	545	3.72	36.5	8.2	107	0.96	0.52	170	6.2
1313	PHY 485WRF	536	3.30	38.3	7.4	121	1.04	0.52	180	7.0
1322	DPL 143B2RF	533	4.36	38.3	9.1	115	1.06	0.51	185	5.6
1323	STV 4554B2RF	512	3.90	36.8	8.4	124	1.03	0.51	200	8.5
1196	STV 4892 BR	467	4.06	37.5	8.8	105	1.00	0.50	155	6.2
1224	DP 555 R/R	449	4.02	41.0	6.5	104	1.02	0.49	151	4.6
1166	PHYTOGEN 72	413	3.30	39.3	8.3	146	1.09	0.55	237	7.8
1321	DPL 117B2RF	400	4.34	38.8	4.2	132	1.06	0.54	222	4.7
1255	FM 960B2R	372	4.00	35.3	8.8	107	1.01	0.49	157	4.8
.	LSD	116	0.67	2.4	3.3	13	0.05	0.03	35	1.4

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1319	DPL 454BR	3.50	1.00	79.9	21.0	4.9	71.0	10.0	3.60	948	17.80	4.02
1324	STV 5327B2RF	3.95	1.00	80.6	29.0	5.8	74.5	9.8	4.05	920	18.00	3.90
1341	DP 353	3.55	1.10	81.7	26.0	5.7	72.5	10.0	3.60	898	19.28	4.46
1282	DPL 445BR	3.85	1.05	82.2	31.5	6.7	73.0	10.0	4.05	903	16.70	4.02
1325	STV 4427B2RF	3.50	1.00	80.3	25.5	5.2	72.5	9.7	3.75	969	17.77	3.81
1326	PHY 375WRF	3.60	1.00	80.4	25.0	5.4	73.0	9.8	3.80	839	17.34	3.99
1320	DPL 515BR	4.05	1.00	79.8	23.5	5.1	73.5	10.0	4.15	815	17.31	4.18
1214	PM 2167 RR	4.10	0.90	81.1	26.5	5.7	71.0	10.0	4.00	953	18.80	4.18
1313	PHY 485WRF	3.60	1.05	80.7	28.5	6.1	70.0	10.0	3.70	865	16.66	3.78
1322	DPL 143B2RF	4.30	1.10	80.6	27.5	5.8	74.0	9.8	4.40	857	18.66	3.95
1323	STV 4554B2RF	3.50	1.00	81.2	28.5	6.5	73.0	10.0	3.75	879	18.18	3.85
1196	STV 4892 BR	3.35	1.00	80.6	23.0	5.0	70.0	9.7	3.55	785	16.67	4.03
1224	DP 555 R/R	4.00	1.00	78.9	23.5	4.8	76.0	9.6	4.10	651	15.52	4.05
1166	PHYTOGEN 72	3.65	1.10	81.0	34.0	6.4	71.0	10.0	3.70	640	17.60	4.14
1321	DPL 117B2RF	4.15	1.05	80.8	29.0	5.6	71.0	9.7	4.40	637	18.89	4.15
1255	FM 960B2R	3.65	1.00	80.1	25.0	4.5	74.5	9.9	3.65	682	18.19	4.09
.	LSD	1.24	0.06	1.6	5.7	0.9	2.2	1.1	1.12	174	1.24	0.22

---GOSSYPOL LEVELS---

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

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

1319	DPL 454BR	0.39	0.26	0.65	.	.	.	.	.	.	.
1324	STV 5327B2RF	0.62	0.35	0.97	.	.	.	.	.	.	.
1341	DP 353	0.60	0.28	0.87	.	.	.	.	.	.	.
1282	DPL 445BR	0.66	0.40	1.06	.	.	.	.	.	.	.
1325	STV 4427B2RF	0.68	0.38	1.06	.	.	.	.	.	.	.
1326	PHY 375WRF	0.49	0.30	0.79	.	.	.	.	.	.	.
1320	DPL 515BR	0.55	0.31	0.85	.	.	.	.	.	.	.
1214	PM 2167 RR	0.53	0.22	0.75	501	41.8	1.98	75	49.57	3.84	2.4
1313	PHY 485WRF	0.51	0.25	0.76	.	.	.	.	.	.	.
.
1322	DPL 143B2RF	0.64	0.42	1.05	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.54	0.29	0.82	.	.	.	.	.	.	.
1196	STV 4892 BR	0.64	0.32	0.96	561	57.0	2.20	67	49.22	3.49	2.2
1224	DP 555 R/R	0.38	0.22	0.60	465	29.8	1.75	84	47.03	3.91	2.7
1166	PHYTOGEN 72	0.43	0.25	0.67	520	39.8	1.95	76	47.05	3.50	2.3
1321	DPL 117B2RF	0.58	0.33	0.76	.	.	.	.	.	.	.
1255	FM 960B2R	0.43	0.24	0.66	529	40.8	1.96	76	46.56	3.44	2.3
.	LSD	0.08	0.08	0.16	203	51.2	0.86	33	4.21	1.21	1.1

LOCATION=STARKVILLE, 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 (%)
1224	DP 555 R/R	1598	5.42	42.7	8.9	139	1.14	0.56	221	6.3
1320	DPL 515BR	1528	5.68	42.4	9.7	135	1.11	0.57	227	7.0
1313	PHY 485WRF	1488	5.05	40.7	10.7	139	1.11	0.59	216	8.8
1326	PHY 375WRF	1425	5.29	43.6	10.7	139	1.14	0.60	190	7.5
1269	DP 444BG/RR	1421	.	40.0	.	.	.	.	.	.
1322	DPL 143B2RF	1273	5.36	38.7	10.3	144	1.19	0.57	210	6.5
1255	FM 960B2R	1246	5.69	39.4	11.9	154	1.15	0.58	223	4.8
1196	STV 4892 BR	1241	5.62	43.0	10.9	132	1.09	0.56	213	5.8
1321	DPL 117B2RF	1179	5.75	40.5	10.0	154	1.11	0.58	236	6.5
1282	DPL 445BR	1151	5.61	41.3	10.6	144	1.12	0.60	236	8.8
1324	STV 5327B2RF	1107	5.63	41.3	10.6	145	1.12	0.59	231	8.0
1319	DPL 454BR	1101	5.24	41.5	10.1	141	1.09	0.57	221	5.5

1325	STV 4427B2RF	1091	4.92	39.7	11.0	141	1.16	0.60	215	5.3
1323	STV 4554B2RF	1091	5.65	40.9	10.6	136	1.11	0.58	210	8.8
1341	DP 353	1069	5.21	41.9	10.1	143	1.10	0.58	221	6.0
1166	PHYTOGEN 72	854	5.69	36.6	11.9	166	1.21	0.65	286	7.3
1214	PM 2167 RR	665	5.33	37.1	11.1	137	1.04	0.58	228	6.3
.	LSD	275	0.89	0.9	1.3	8	0.04	0.03	22	1.5

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)	OIL (%)	NITR OGEN (%)
1224	DP 555 R/R	5.15	1.20	82.9	30.0	6.2	72.0	5.7	5.15	2085	20.61	4.08
1320	DPL 515BR	5.50	1.15	82.3	29.5	6.5	73.5	6.5	5.45	1901	21.95	3.83
1313	PHY 485WRF	5.40	1.15	84.3	32.5	7.2	68.0	6.0	5.35	2237	22.93	3.71
1326	PHY 375WRF	4.90	1.15	83.6	28.5	6.5	72.0	6.2	5.00	1855	20.60	3.78
1269	DP 444BG/RR	.	.	.	.	.	.	.	.	2132	.	.
1322	DPL 143B2RF	4.75	1.20	83.1	29.0	6.2	72.5	6.6	4.75	2000	21.73	3.61
1255	FM 960B2R	4.85	1.20	83.9	32.0	5.9	72.0	6.4	4.90	1820	20.22	3.59
1196	STV 4892 BR	5.50	1.10	83.1	31.5	6.8	69.5	8.1	5.40	1614	22.24	3.88
1321	DPL 117B2RF	4.75	1.10	82.6	34.0	6.6	69.0	7.1	4.75	1613	21.12	3.85
1282	DPL 445BR	5.20	1.15	83.7	32.0	7.1	69.0	7.4	5.10	1824	21.25	3.97
1324	STV 5327B2RF	5.40	1.10	83.5	32.0	7.0	69.0	7.7	5.20	1751	21.92	3.70
1319	DPL 454BR	4.95	1.10	83.2	29.5	6.1	73.0	6.3	4.80	1579	20.73	3.89
1325	STV 4427B2RF	5.20	1.20	83.8	31.0	6.6	69.0	6.5	5.15	1506	21.90	3.78
1323	STV 4554B2RF	5.40	1.15	83.2	32.0	7.1	69.0	7.1	5.35	1651	21.72	3.57
1341	DP 353	4.30	1.10	83.8	27.5	6.2	70.5	6.7	4.35	1403	22.47	4.00
1166	PHYTOGEN 72	4.60	1.25	84.4	38.0	6.9	72.0	8.3	4.55	1294	20.94	3.89
1214	PM 2167 RR	5.00	1.05	83.0	31.0	6.7	72.0	6.9	5.05	1353	21.22	3.92
.	LSD	0.59	0.10	1.2	3.2	0.5	3.1	0.9	0.62	635	2.11	0.30

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A	D	M	p	w	t	
					---(mm2/mm3)---						
					I	(%)	(microns)	(mg/in)	(microns)		
1224	DP 555 R/R	0.75	0.59	1.34	410	20.3	1.55	91	47.55	4.49	3.1
1320	DPL 515BR	1.03	0.74	1.77

1313	PHY 485WRF	1.17	0.73	1.90	.	.	.	.	.	.	.
1326	PHY 375WRF	0.91	0.72	1.63	.	.	.	.	.	.	.
1269	DP 444BG/RR	.	.	.	.	.	.	.	.	.	.
1322	DPL 143B2RF	1.01	0.80	1.81	.	.	.	.	.	.	.
1255	FM 960B2R	0.79	0.64	1.42	410	18.8	1.52	93	46.59	4.40	3.1
1196	STV 4892 BR	1.15	0.82	1.97	401	23.3	1.62	89	50.64	4.91	3.1
1321	DPL 117B2RF	1.00	0.75	1.75	.	.	.	.	.	.	.
1282	DPL 445BR	1.15	0.86	2.01	.	.	.	.	.	.	.
1324	STV 5327B2RF	0.99	0.71	1.69	.	.	.	.	.	.	.
1319	DPL 454BR	0.75	0.63	1.38	.	.	.	.	.	.	.
1325	STV 4427B2RF	1.06	0.75	1.80	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.97	0.66	1.63	.	.	.	.	.	.	.
1341	DP 353	0.91	0.59	1.50	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.76	0.61	1.37	440	17.3	1.49	94	42.41	3.73	3.0
1214	PM 2167 RR	0.99	0.57	1.56	418	26.8	1.70	86	51.01	4.73	2.9
.	LSD	0.08	0.08	0.13	42.8	16.3	0.36	14	6.84	0.63	0.6

LOCATION=BELLE MINA, AL

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL FIBROGRAPH 2.5% S.L. (inches)	DIGITAL FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1282	DPL 445BR	616	3.92	39.5	8.6	136	1.16	0.54	209	8.6
1326	PHY 375WRF	577	3.70	39.0	8.2	110	1.09	0.49	154	6.8
1214	PM 2167 RR	526	4.36	38.3	8.8	116	1.01	0.52	159	5.7
1319	DPL 454BR	478	3.51	41.0	7.9	112	1.05	0.51	176	5.8
1341	DP 353	468	3.78	39.0	8.2	111	1.04	0.50	168	6.8
1196	STV 4892 BR	460	3.58	37.0	8.8	104	1.03	0.48	151	5.7
1313	PHY 485WRF	458	3.54	36.8	8.4	126	1.13	0.56	160	7.5
1325	STV 4427B2RF	454	3.62	36.5	8.1	112	1.12	0.53	156	6.3
1255	FM 960B2R	443	4.09	35.5	8.6	127	1.11	0.53	193	4.4
1166	PHYTOGEN 72	402	4.23	38.0	9.2	129	1.15	0.56	196	6.4
1324	STV 5327B2RF	393	3.62	37.0	8.5	113	1.11	0.51	185	8.5
1321	DPL 117B2RF	389	3.90	36.5	9.4	134	1.14	0.53	194	7.4
1322	DPL 143B2RF	376	3.85	33.8	8.8	107	1.16	0.53	167	7.4

1323	STV 4554B2RF	358	3.79	36.3	8.3	114	1.08	0.51	175	8.5
1224	DP 555 R/R	349	3.47	38.3	7.0	81	1.05	0.49	152	5.2
1320	DPL 515BR	346	3.31	38.5	7.2	108	1.06	0.51	168	5.0
.	LSD	180	0.49	1.8	0.8	11	0.08	0.05	22	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	Rd	COLORIMETER HUNTER'S b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1282	DPL 445BR	2.65	1.15	82.8	26.5	6.4	75.0	9.5	2.75	941	14.86	4.04
1326	PHY 375WRF	2.60	1.10	79.8	19.5	5.2	69.5	9.3	2.50	903	15.93	3.87
1214	PM 2167 RR	3.30	1.00	81.7	25.0	6.0	70.0	9.4	3.40	843	18.52	4.06
1319	DPL 454BR	2.50	1.05	80.5	19.0	5.2	69.0	9.0	2.70	685	16.53	4.00
1341	DP 353	2.45	1.05	80.4	20.5	5.5	72.0	9.5	2.60	735	16.69	4.28
1196	STV 4892 BR	2.45	1.00	80.3	19.0	4.8	68.0	10.0	2.55	773	14.78	3.81
1313	PHY 485WRF	2.75	1.15	82.7	23.5	6.2	66.0	10.0	2.95	791	16.27	3.82
1325	STV 4427B2RF	2.70	1.10	81.1	24.0	5.5	70.5	9.4	2.65	792	15.79	3.84
1255	FM 960B2R	2.70	1.10	80.3	24.0	5.0	76.0	8.4	2.70	788	16.00	3.71
1166	PHYTOGEN 72	2.55	1.10	80.4	25.5	5.5	68.5	10.0	2.75	654	16.05	3.57
1324	STV 5327B2RF	2.60	1.10	80.5	22.0	5.4	69.5	10.5	2.55	667	16.02	4.15
1321	DPL 117B2RF	2.70	1.15	81.4	22.0	5.0	70.5	10.0	2.70	671	17.38	3.93
1322	DPL 143B2RF	2.55	1.15	79.5	19.0	4.7	70.0	9.8	2.45	736	14.96	3.91
1323	STV 4554B2RF	2.60	1.05	78.3	22.0	6.0	70.0	10.0	2.70	631	15.79	3.71
1224	DP 555 R/R	2.65	1.05	79.1	17.0	4.2	71.5	8.6	2.80	563	14.29	4.02
1320	DPL 515BR	2.45	1.10	79.6	19.0	4.4	72.5	9.6	2.55	552	15.13	3.88
.	LSD	0.34	0.13	2.4	4.7	0.6	2.7	0.9	0.27	275	1.10	0.30

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1282	DPL 445BR	0.70	0.48	1.17	.	.	.	.	.	.	.
1326	PHY 375WRF	0.54	0.38	0.91	.	.	.	.	.	.	.
1214	PM 2167 RR	0.64	0.34	0.98	537	50.3	2.13	69	49.76	3.59	2.2
1319	DPL 454BR	0.42	0.35	0.77	.	.	.	.	.	.	.

1341	DP 353	0.58	0.32	0.90	.	.	.	.	.	.	.
1196	STV 4892 BR	0.62	0.36	0.99	658	81.0	2.59	52	49.32	2.89	1.7
1313	PHY 485WRF	0.62	0.36	0.98	.	.	.	.	.	.	.
1325	STV 4427B2RF	0.64	0.39	1.02	.	.	.	.	.	.	.
1255	FM 960B2R	0.48	0.30	0.78	577	48.5	2.10	70	45.70	3.06	2.0
1166	PHYTOGEN 72	0.49	0.32	0.81	653	68.0	2.40	59	46.20	2.74	1.8
1324	STV 5327B2RF	0.55	0.36	0.91	.	.	.	.	.	.	.
1321	DPL 117B2RF	0.63	0.44	1.07	.	.	.	.	.	.	.
1322	DPL 143B2RF	0.58	0.42	0.99	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.56	0.32	0.88	.	.	.	.	.	.	.
1224	DP 555 R/R	0.43	0.22	0.66	638	59.5	2.27	64	44.80	2.72	1.8
1320	DPL 515BR	0.48	0.26	0.75	.	.	.	.	.	.	.
.	LSD	0.07	0.07	0.14	350	12.6	0.34	8	23.41	3.26	1.7

LOCATION=GRIFFIN, GA

VARIETY CODE	VARIETY NAME	LINT	BOLL	YARN			DIGITAL FIBROGRAPH		STELOMETER	
		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 (%)
1324	STV 5327B2RF	2002	.	45.8	.	112	1.10	0.56	185	7.0
1196	STV 4892 BR	1874	.	45.5	.	111	1.10	0.57	183	6.2
1319	DPL 454BR	1870	.	46.2	.	123	1.06	0.56	193	5.5
1282	DPL 445BR	1868	.	46.2	.	114	1.10	0.58	190	7.3
1166	PHYTOGEN 72	1865	.	44.5	.	131	1.10	0.57	227	5.8
1326	PHY 375WRF	1850	.	44.8	.	119	1.10	0.55	187	6.2
1341	DP 353	1812	.	46.0	.	124	1.12	0.59	189	5.6
1323	STV 4554B2RF	1738	.	44.5	.	116	1.09	0.56	184	8.5
1224	DP 555 R/R	1696	.	47.1	.	107	1.05	0.52	196	5.3
1322	DPL 143B2RF	1695	.	42.9	.	117	1.16	0.56	181	5.4
1325	STV 4427B2RF	1672	.	42.6	.	113	1.11	0.56	175	6.3
1214	PM 2167 RR	1669	.	42.7	.	96	0.99	0.54	178	5.7
1255	FM 960B2R	1668	.	44.0	.	122	1.09	0.54	223	4.9
1320	DPL 515BR	1575	.	44.7	.	116	1.10	0.56	193	4.9
1313	PHY 485WRF	1553	.	43.9	.	116	1.12	0.59	188	8.9
1321	DPL 117B2RF	1347	.	45.2	.	129	1.11	0.58	201	5.4
.	LSD	261	.	0.9	.	10	0.03	0.03	17	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 (%)
1324	STV 5327B2RF	4.25	1.10	82.7	29.0	7.3	65.0	7.4	4.15	2377	.	.
1196	STV 4892 BR	4.25	1.10	83.4	27.5	7.0	67.5	7.4	4.25	2237	.	.
1319	DPL 454BR	3.75	1.10	82.2	27.5	6.4	68.5	6.2	3.65	2177	.	.
1282	DPL 445BR	3.80	1.10	81.8	26.5	7.1	66.5	7.4	3.95	2177	.	.
1166	PHYTOGEN 72	4.15	1.15	81.9	32.0	7.2	67.0	8.2	4.30	2329	.	.
1326	PHY 375WRF	3.60	1.15	82.2	27.5	6.9	68.5	6.6	3.60	2287	.	.
1341	DP 353	3.60	1.15	83.2	27.5	6.9	68.0	7.0	3.65	2133	.	.
1323	STV 4554B2RF	4.25	1.10	82.2	29.0	8.0	67.5	7.5	4.10	2165	.	.
1224	DP 555 R/R	4.45	1.10	81.3	28.5	6.5	71.0	6.6	4.35	1910	.	.
1322	DPL 143B2RF	3.75	1.20	81.3	28.0	6.3	67.0	6.8	3.65	2258	.	.
1325	STV 4427B2RF	3.65	1.15	83.1	28.5	6.8	68.5	6.4	3.75	2255	.	.
1214	PM 2167 RR	4.05	1.00	81.5	24.0	6.8	63.5	7.8	4.00	2245	.	.
1255	FM 960B2R	4.05	1.10	82.0	29.5	6.3	67.0	6.6	4.00	2128	.	.
1320	DPL 515BR	4.20	1.10	82.6	27.5	6.6	68.5	6.7	4.15	1954	.	.
1313	PHY 485WRF	4.35	1.10	83.3	28.0	7.6	65.5	7.0	4.15	1988	.	.
1321	DPL 117B2RF	3.85	1.10	82.0	30.5	6.5	66.5	7.1	3.80	1638	.	.
.	LSD	0.44	0.08	1.5	2.6	0.5	3.7	0.7	0.31	322	.	.

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1324	STV 5327B2RF	.	.	.	.	.	.	.	.	.	.
1196	STV 4892 BR	.	.	.	445	31.5	1.79	82	50.60	4.39	2.7
1319	DPL 454BR	.	.	.	.	.	.	.	.	.	.
1282	DPL 445BR	.	.	.	.	.	.	.	.	.	.
1166	PHYTOGEN 72	.	.	.	459	27.0	1.70	86	46.51	3.92	2.7
1326	PHY 375WRF	.	.	.	.	.	.	.	.	.	.
1341	DP 353	.	.	.	.	.	.	.	.	.	.
1323	STV 4554B2RF	.	.	.	.	.	.	.	.	.	.
1224	DP 555 R/R	.	.	.	436	24.5	1.65	88	47.43	4.20	2.8
1322	DPL 143B2RF	.	.	.	.	.	.	.	.	.	.
1325	STV 4427B2RF	.	.	.	.	.	.	.	.	.	.
1214	PM 2167 RR	.	.	.	462	37.3	1.90	78	51.64	4.32	2.6

1255	FM 960B2R	.	.	.	463	36.0	1.88	79	50.94	4.26	2.6
1320	DPL 515BR	.	.	.	.	.	.	.	.	.	.
1313	PHY 485WRF	.	.	.	.	.	.	.	.	.	.
1321	DPL 117B2RF	.	.	.	.	.	.	.	.	.	.
.	LSD	.	.	.	22.7	10.8	0.21	8	4.04	0.31	0.2

LOCATION=PAINTER, VA

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL FIBROGRAPH 2.5% S.L. (inches)	DIGITAL FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1323	STV 4554B2RF	2197	.	50.0	.	122	1.16	0.57	217	9.4
1325	STV 4427B2RF	2098	.	50.0	.	126	1.14	0.54	183	5.7
1320	DPL 515BR	2077	.	50.0	.	128	1.11	0.53	214	9.1
1322	DPL 143B2RF	2037	.	50.0	.	123	1.23	0.54	208	7.8
1196	STV 4892 BR	1983	.	45.0	.	128	1.12	0.53	199	7.9
1326	PHY 375WRF	1965	.	50.0	.	123	1.11	0.53	196	7.7
1321	DPL 117B2RF	1916	.	50.0	.	146	1.18	0.56	223	8.8
1270	DP 555BG/RR	1900	.	50.0	.	125	1.13	0.52	201	7.3
1282	DPL 445BR	1851	.	50.0	.	137	1.17	0.58	212	12.0
1269	DP 444BG/RR	1815	.	50.0	.	141	1.14	0.56	202	7.3
1324	STV 5327B2RF	1799	.	50.0	.	133	1.12	0.55	202	9.2
1313	PHY 485WRF	1795	.	45.0	.	132	1.16	0.56	213	8.7
1319	DPL 454BR	1743	.	50.0	.	131	1.09	0.53	209	8.4
1166	PHYTOGEN 72	1677	.	45.0	.	138	1.19	0.56	218	8.4
1214	PM 2167 RR	1648	.	45.0	.	124	1.05	0.53	188	7.3
1255	FM 960B2R	1578	.	50.0	.	139	1.14	0.54	211	6.0
.	LSD	508	.	7.5	.	9	0.05	0.03	14	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)	E	RD	COLORIMETER HUNTER'S b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
--------------	--------------	-----------------------	-----------------	----------------	-------------------	---	----	------------------------	-----------------------	--------------------	---------	---------------

1323	STV 4554B2RF	5.20	1.10	83.1	31.0	7.5	66.0	7.5	5.20	2197	20.67	3.64
1325	STV 4427B2RF	5.15	1.10	83.1	31.5	6.7	65.0	6.9	5.20	2098	20.69	3.86
1320	DPL 515BR	4.85	1.10	82.8	31.0	6.4	71.0	7.0	4.70	2077	20.10	4.07
1322	DPL 143B2RF	4.40	1.20	82.1	30.0	6.4	68.5	6.9	4.35	2037	20.93	3.34
1196	STV 4892 BR	4.95	1.10	83.4	31.0	7.0	64.5	7.4	4.95	2398	20.44	3.94
1326	PHY 375WRF	5.00	1.10	82.8	28.0	6.8	68.5	7.5	4.80	1965	20.72	3.93
1321	DPL 117B2RF	4.25	1.15	82.2	35.0	6.6	69.0	7.4	4.20	1916	21.39	3.78
1270	DP 555BG/RR	4.50	1.10	82.6	32.0	6.4	72.5	5.5	4.45	1900	18.87	3.91
1282	DPL 445BR	4.85	1.10	83.8	32.0	7.2	68.5	7.1	4.65	1851	19.82	3.94
1269	DP 444BG/RR	4.45	1.15	83.4	31.5	6.9	69.5	7.6	4.55	1815	22.11	3.86
1324	STV 5327B2RF	4.95	1.10	83.2	30.5	7.0	66.5	7.7	4.85	1799	21.33	3.79
1313	PHY 485WRF	4.85	1.10	83.4	31.5	7.5	66.5	7.4	4.60	2224	21.55	3.81
1319	DPL 454BR	4.15	1.10	82.3	31.5	6.5	69.5	6.7	4.05	1743	22.74	3.78
1166	PHYTOGEN 72	4.90	1.20	83.0	33.0	6.8	68.5	7.9	4.70	2069	21.88	3.68
1214	PM 2167 RR	4.75	1.00	81.3	32.0	6.7	67.0	7.2	4.85	2010	23.48	3.77
1255	FM 960B2R	5.20	1.10	81.5	36.0	6.5	67.5	6.9	5.10	1578	22.69	3.71
.	LSD	0.74	0.09	1.6	1.6	0.3	3.3	1.6	0.59	547	1.08	0.27

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	0.97	0.66	1.63	.	.	.	.	.	.	.
1325	STV 4427B2RF	1.01	0.70	1.71	.	.	.	.	.	.	.
1320	DPL 515BR	0.93	0.66	1.59	.	.	.	.	.	.	.
1322	DPL 143B2RF	1.00	0.77	1.77	.	.	.	.	.	.	.
1196	STV 4892 BR	1.05	0.76	1.81	421	26.0	1.68	86	50.10	4.62	2.9
1326	PHY 375WRF	0.92	0.70	1.62	.	.	.	.	.	.	.
1321	DPL 117B2RF	1.00	0.74	1.74	.	.	.	.	.	.	.
1270	DP 555BG/RR	0.76	0.55	1.31	464	34.3	1.84	80	49.56	4.13	2.6
1282	DPL 445BR	1.12	0.80	1.92	.	.	.	.	.	.	.
1269	DP 444BG/RR	0.94	0.63	1.57	.	.	.	.	.	.	.
1324	STV 5327B2RF	1.04	0.73	1.77	.	.	.	.	.	.	.
1313	PHY 485WRF	1.09	0.64	1.73	.	.	.	.	.	.	.
1319	DPL 454BR	0.78	0.66	1.43	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.86	0.64	1.50	429	22.0	1.60	90	46.76	4.22	2.9
1214	PM 2167 RR	1.01	0.56	1.56	422	29.8	1.76	84	52.44	4.82	2.9
1255	FM 960B2R	0.78	0.58	1.36	405	15.5	1.45	96	44.82	4.28	3.2
.	LSD	0.11	0.11	0.18	60.1	16.1	0.30	11	6.79	0.90	0.5

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National Cotton Variety Tests, 2007
Yield, Boll, Seed, Spinning and Data

2007 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 2.5% S.L. (inches)	DIGITAL FIBROGRAPH 50% S.L. (inches)	STELOMETER T1 (mN/tex)	STELOMETER E1 (%)
1316	PHY 370WR	1271	5.34	42.1	9.5	131	1.09	0.57	214	7.3
1262	ST 5599BR	1270	5.77	42.1	10.1	128	1.10	0.55	208	6.3
1319	DPL 454BR	1228	5.17	43.8	8.9	132	1.09	0.55	215	7.2
1321	DPL 117B2RF	1227	5.13	41.5	9.5	142	1.15	0.58	227	6.7
1323	STV 4554B2RF	1189	5.38	40.3	9.9	130	1.13	0.59	215	8.6

1224	DP 555 R/R	1178	4.65	44.1	8.3	125	1.10	0.54	198	5.4
1196	STV 4892 BR	1158	5.32	41.1	10.4	129	1.09	0.56	213	5.8
1255	FM 960B2R	1103	5.29	39.4	10.5	144	1.17	0.57	221	5.2
1166	PHYTOGEN 72	943	5.09	38.2	10.5	156	1.19	0.61	261	7.2
1214	PM 2167 RR	874	4.64	38.2	9.6	126	1.01	0.54	207	6.4
1225	GA 98028	755	5.10	40.4	12.1	141	1.12	0.60	243	6.1
.	LSD	172	0.56	1.2	1.0	7	0.02	0.01	14	1.0

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

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

1316	PHY 370WR	4.94	1.10	83.2	31.9	7.6	66.6	7.5	4.95	1529	20.53	3.68
1262	ST 5599BR	4.73	1.11	83.4	32.6	7.2	66.5	8.0	4.73	1575	22.53	3.38
1319	DPL 454BR	4.36	1.10	83.3	29.8	6.9	67.1	7.1	4.46	1449	20.79	3.61
1321	DPL 117B2RF	4.54	1.16	83.5	33.3	7.4	66.5	7.9	4.59	1639	20.68	3.68
1323	STV 4554B2RF	4.84	1.15	84.2	31.5	8.1	66.3	8.2	4.91	1539	20.95	3.36
1224	DP 555 R/R	4.89	1.11	82.4	30.1	6.6	69.1	7.3	4.84	1497	17.05	3.61
1196	STV 4892 BR	5.01	1.11	83.4	31.6	7.2	66.3	8.4	5.09	1416	19.12	3.63
1255	FM 960B2R	4.13	1.20	84.5	31.3	6.8	67.0	7.2	4.15	1413	21.06	3.48
1166	PHYTOGEN 72	4.83	1.20	84.6	36.0	7.8	67.1	8.3	4.76	1270	21.21	3.80
1214	PM 2167 RR	4.75	1.03	82.8	30.8	7.2	66.9	8.0	4.74	1195	21.41	3.84
1225	GA 98028	5.55	1.15	84.1	40.0	7.1	72.5	8.1	5.45	1116	20.23	3.63
.	LSD	0.31	0.04	0.7	2.0	0.3	2.2	0.6	0.28	294	1.29	0.20

---GOSSYPOL LEVELS---

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

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

1316	PHY 370WR	0.91	0.61	1.39	.	.	.	.	.	.	.
1262	ST 5599BR	1.09	0.56	1.65	.	.	.	.	.	.	.
1319	DPL 454BR	0.65	0.56	1.20	.	.	.	.	.	.	.
1321	DPL 117B2RF	0.91	0.62	1.53	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.86	0.52	1.39	.	.	.	.	.	.	.
1224	DP 555 R/R	0.66	0.47	1.13	422	20.9	1.57	90	46.56	4.29	3.0
1196	STV 4892 BR	0.95	0.61	1.56	414	25.1	1.65	88	49.64	4.65	3.1

1255	FM 960B2R	0.67	0.47	1.14	469	32.5	1.80	82	48.10	4.01	2.6
1166	PHYTOGEN 72	0.65	0.48	1.13	428	17.2	1.48	94	43.48	3.94	3.0
1214	PM 2167 RR	0.77	0.40	1.23	427	29.9	1.76	83	51.56	4.70	2.9
1225	GA 98028	0.86	0.63	1.48	381	19.0	1.53	93	50.52	5.15	3.3
.	LSD	0.07	0.05	0.18	18.6	6.3	0.13	5	2.58	0.25	0.2

BOLL SIZE, GRAM PER BOLL		LINT PERCENT		SEED INDEX	
ST 5599BR	5.77	DP 555 R/R	44.1	GA 98028	12.1
STV 4554B2RF	5.38	DPL 454BR	43.8	FM 960B2R	10.5
PHY 370WR	5.34	ST 5599BR	42.1	PHYTOGEN 72	10.5
STV 4892 BR	5.32	PHY 370WR	42.1	STV 4892 BR	10.4
FM 960B2R	5.29	DPL 117B2RF	41.5	ST 5599BR	10.1
DPL 454BR	5.17	STV 4892 BR	41.1	STV 4554B2RF	9.9
DPL 117B2RF	5.13	GA 98028	40.4	PM 2167 RR	9.6
GA 98028	5.10	STV 4554B2RF	40.3	DPL 117B2RF	9.5
PHYTOGEN 72	5.09	FM 960B2R	39.4	PHY 370WR	9.5
DP 555 R/R	4.65	PM 2167 RR	38.2	DPL 454BR	8.9
PM 2167 RR	4.64	PHYTOGEN 72	38.2	DP 555 R/R	8.3
LSD	0.56	LSD	1.2	LSD	1.0

2.5% S.L. (INCHES)		UR (PERCENT)		STRENGTH (G/TEX)	
FM 960B2R	1.20	PHYTOGEN 72	84.6	GA 98028	40.0
PHYTOGEN 72	1.20	FM 960B2R	84.5	PHYTOGEN 72	36.0
DPL 117B2RF	1.16	STV 4554B2RF	84.2	DPL 117B2RF	33.3
GA 98028	1.15	GA 98028	84.1	ST 5599BR	32.6
STV 4554B2RF	1.15	DPL 117B2RF	83.5	PHY 370WR	31.9
STV 4892 BR	1.11	STV 4892 BR	83.4	STV 4892 BR	31.6
ST 5599BR	1.11	ST 5599BR	83.4	STV 4554B2RF	31.5
DP 555 R/R	1.11	DPL 454BR	83.3	FM 960B2R	31.3
PHY 370WR	1.10	PHY 370WR	83.2	PM 2167 RR	30.8
DPL 454BR	1.10	PM 2167 RR	82.8	DP 555 R/R	30.1

PM 2167 RR 1.03
LSD 0.04

DP 555 R/R 82.4
LSD 0.7

DPL 454BR 29.8
LSD 2.0

E

MICRONAIRE (SL-HVI)

COLORIMETER - Rd

STV 4554B2RF 8.1
PHYTOGEN 72 7.8
PHY 370WR 7.6
DPL 117B2RF 7.4
ST 5599BR 7.2
STV 4892 BR 7.2
PM 2167 RR 7.2
GA 98028 7.1
DPL 454BR 6.9
FM 960B2R 6.8
DP 555 R/R 6.6
LSD 0.3

GA 98028 5.45
STV 4892 BR 5.09
PHY 370WR 4.95
STV 4554B2RF 4.91
DP 555 R/R 4.84
PHYTOGEN 72 4.76
PM 2167 RR 4.74
ST 5599BR 4.73
DPL 117B2RF 4.59
DPL 454BR 4.46
FM 960B2R 4.15
LSD 0.28

GA 98028 72.5
DP 555 R/R 69.1
PHYTOGEN 72 67.1
DPL 454BR 67.1
FM 960B2R 67.0
PM 2167 RR 66.9
PHY 370WR 66.6
ST 5599BR 66.5
DPL 117B2RF 66.5
STV 4892 BR 66.3
STV 4554B2RF 66.3
LSD 2.2

COLORIMETER - b

MICRONAIRE

STELOMETER - E1

STV 4892 BR 8.4
PHYTOGEN 72 8.3
STV 4554B2RF 8.2
GA 98028 8.1
PM 2167 RR 8.0
ST 5599BR 8.0
DPL 117B2RF 7.9
PHY 370WR 7.5
DP 555 R/R 7.3
FM 960B2R 7.2
DPL 454BR 7.1
LSD 0.6

GA 98028 5.55
STV 4892 BR 5.01
PHY 370WR 4.94
DP 555 R/R 4.89
STV 4554B2RF 4.84
PHYTOGEN 72 4.83
PM 2167 RR 4.75
ST 5599BR 4.73
DPL 117B2RF 4.54
DPL 454BR 4.36
FM 960B2R 4.13
LSD 0.31

STV 4554B2RF 8.6
PHY 370WR 7.3
PHYTOGEN 72 7.2
DPL 454BR 7.2
DPL 117B2RF 6.7
PM 2167 RR 6.4
ST 5599BR 6.3
GA 98028 6.1
STV 4892 BR 5.8
DP 555 R/R 5.4
FM 960B2R 5.2
LSD 1.0

STELOMETER - T1

FIBROGRAPH--50% S.L.

FIBROGRAPH--2.5% SL

PHYTOGEN 72 261

PHYTOGEN 72 0.61

PHYTOGEN 72 1.19

GA 98028	243
DPL 117B2RF	227
FM 960B2R	221
STV 4554B2RF	215
DPL 454BR	215
PHY 370WR	214
STV 4892 BR	213
ST 5599BR	208
PM 2167 RR	207
DP 555 R/R	198
LSD	14

GA 98028	0.60
STV 4554B2RF	0.59
DPL 117B2RF	0.58
FM 960B2R	0.57
PHY 370WR	0.57
STV 4892 BR	0.56
DPL 454BR	0.55
ST 5599BR	0.55
PM 2167 RR	0.54
DP 555 R/R	0.54
LSD	0.01

FM 960B2R	1.17
DPL 117B2RF	1.15
STV 4554B2RF	1.13
GA 98028	1.12
ST 5599BR	1.10
DP 555 R/R	1.10
STV 4892 BR	1.09
DPL 454BR	1.09
PHY 370WR	1.09
PM 2167 RR	1.01
LSD	0.02

 YARN TENACITY

 AREALOMETER - A (mm²/mm³)

 AREALOMETER - D (mm²)

PHYTOGEN 72	156
FM 960B2R	144
DPL 117B2RF	142
GA 98028	141
DPL 454BR	132
PHY 370WR	131
STV 4554B2RF	130
STV 4892 BR	129
ST 5599BR	128
PM 2167 RR	126
DP 555 R/R	125
LSD	7

FM 960B2R	469
PHYTOGEN 72	428
PM 2167 RR	427
DP 555 R/R	422
STV 4892 BR	414
GA 98028	381
DPL 117B2RF	.
DPL 454BR	.
PHY 370WR	.
STV 4554B2RF	.
ST 5599BR	.
LSD	18.6

FM 960B2R	32.5
PM 2167 RR	29.9
STV 4892 BR	25.1
DP 555 R/R	20.9
GA 98028	19.0
PHYTOGEN 72	17.2
DPL 117B2RF	.
DPL 454BR	.
PHY 370WR	.
STV 4554B2RF	.
ST 5599BR	.
LSD	6.3

 AREALOMETER - I

 AREALOMETER - M (PERCENT)

 AREALOMETER - p (Microns)

FM 960B2R	1.80
PM 2167 RR	1.76
STV 4892 BR	1.65
DP 555 R/R	1.57
GA 98028	1.53
PHYTOGEN 72	1.48
DPL 117B2RF	.
DPL 454BR	.
PHY 370WR	.

PHYTOGEN 72	94
GA 98028	93
DP 555 R/R	90
STV 4892 BR	88
PM 2167 RR	83
FM 960B2R	82
DPL 117B2RF	.
DPL 454BR	.
PHY 370WR	.

PM 2167 RR	51.56
GA 98028	50.52
STV 4892 BR	49.64
FM 960B2R	48.10
DP 555 R/R	46.56
PHYTOGEN 72	43.48
DPL 117B2RF	.
DPL 454BR	.
PHY 370WR	.

STV 4554B2RF .
 ST 5599BR .
 LSD 0.13

STV 4554B2RF .
 ST 5599BR .
 LSD 5

STV 4554B2RF .
 ST 5599BR .
 LSD 2.58

 AREALOMETER - w (MG/INCH)

GA 98028 5.15
 PM 2167 RR 4.70
 STV 4892 BR 4.65
 DP 555 R/R 4.29
 FM 960B2R 4.01
 PHYTOGEN 72 3.94
 DPL 117B2RF .
 DPL 454BR .
 PHY 370WR .
 STV 4554B2RF .
 ST 5599BR .
 LSD 0.25

 AREALOMETER - t (MICRONS)

GA 98028 3.3
 STV 4892 BR 3.1
 DP 555 R/R 3.0
 PHYTOGEN 72 3.0
 PM 2167 RR 2.9
 FM 960B2R 2.6
 DPL 117B2RF .
 DPL 454BR .
 PHY 370WR .
 STV 4554B2RF .
 ST 5599BR .
 LSD 0.2

 SEED YIELD (LB/ACRE)

DPL 117B2RF 1639
 ST 5599BR 1575
 STV 4554B2RF 1539
 PHY 370WR 1529
 DP 555 R/R 1497
 DPL 454BR 1449
 STV 4892 BR 1416
 FM 960B2R 1413
 PHYTOGEN 72 1270
 PM 2167 RR 1195
 GA 98028 1116
 LSD 294

 OIL (PERCENT)

ST 5599BR 22.53
 PM 2167 RR 21.41
 PHYTOGEN 72 21.21
 FM 960B2R 21.06
 STV 4554B2RF 20.95
 DPL 454BR 20.79
 DPL 117B2RF 20.68
 PHY 370WR 20.53
 GA 98028 20.23
 STV 4892 BR 19.12
 DP 555 R/R 17.05
 LSD 1.29

 NITROGEN (PERCENT)

PM 2167 RR 3.84
 PHYTOGEN 72 3.80
 DPL 117B2RF 3.68
 PHY 370WR 3.68
 GA 98028 3.63
 STV 4892 BR 3.63
 DP 555 R/R 3.61
 DPL 454BR 3.61
 FM 960B2R 3.48
 ST 5599BR 3.38
 STV 4554B2RF 3.36
 LSD 0.20

 PLUS GOSSYPOL

ST 5599BR 1.09
 STV 4892 BR 0.95
 PHY 370WR 0.91
 DPL 117B2RF 0.91
 STV 4554B2RF 0.86
 GA 98028 0.86
 PM 2167 RR 0.77
 FM 960B2R 0.67
 DP 555 R/R 0.66
 PHYTOGEN 72 0.65
 DPL 454BR 0.65
 LSD 0.07

 MINUS GOSSYPOL

 TOTAL GOSSYPOL (PERCENT)

GA 98028	0.63	ST 5599BR	1.65
DPL 117B2RF	0.62	STV 4892 BR	1.56
PHY 370WR	0.61	DPL 117B2RF	1.53
STV 4892 BR	0.61	GA 98028	1.48
ST 5599BR	0.56	PHY 370WR	1.39
DPL 454BR	0.56	STV 4554B2RF	1.39
STV 4554B2RF	0.52	PM 2167 RR	1.23
PHYTOGEN 72	0.48	DPL 454BR	1.20
FM 960B2R	0.47	FM 960B2R	1.14
DP 555 R/R	0.47	PHYTOGEN 72	1.13
PM 2167 RR	0.40	DP 555 R/R	1.13
LSD	0.05	LSD	0.18

 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)	(%)
PORTAGEVILLE, MO	1512	6.78	.	.	129	1.14	0.55	216	6.4
KEISER, AR	1264	4.47	41.0	9.5	142	1.13	0.55	206	6.7
STONEVILLE, MS	904	4.85	41.3	10.5	137	1.10	0.60	241	7.4
SAINT JOSEPH, LA	861	4.61	41.1	9.3	129	1.07	0.57	210	6.0

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

LOCATION	MICRO-	2.5%	UNIFO-	STRE-	E	COLORIMETER	MICRO-	SEED	OIL	NITR	
	NAIRE	S.L.	MITY	NGTH		HUNTER'S	NAIRE	YIELD			
	(reading)	(in.)	(%)	(g/tex)		Rd	b (Reading)	(lb/ac)	(%)	(%)	
PORTAGEVILLE, MO	4.25	1.14	83.7	30.1	9.3	59.4	8.4	4.27	.	18.50	4.01
KEISER, AR	4.15	1.13	83.3	30.3	6.2	64.6	7.7	4.18	1792	19.18	3.70
STONEVILLE, MS	5.36	1.13	83.1	36.9	7.0	71.8	8.2	5.33	1274	21.41	3.66
SAINT JOSEPH, LA	5.20	1.11	83.9	31.1	6.5	72.6	6.9	5.24	1261	22.97	3.08

LOCATION	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
PORTAGEVILLE, MO	0.70	0.46	1.16	456	30.4	1.77	83	48.64	4.13	2.7
KEISER, AR	0.74	0.47	1.21	469	33.0	1.81	81	48.52	4.02	2.6
STONEVILLE, MS	0.87	0.62	1.51	394	20.2	1.56	91	49.59	4.88	3.2
SAINT JOSEPH, LA	0.96	0.59	1.50	392	14.3	1.41	96	45.21	4.46	3.4

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 (%)
1224	DP 555 R/R	1121	4.24	44.0	9.0	119	1.06	0.53	191	5.3
1321	DPL 117B2RF	999	4.44	43.0	8.4	135	1.09	0.58	218	6.3
1319	DPL 454BR	979	4.64	43.5	8.9	126	1.08	0.56	200	6.2
1262	ST 5599BR	928	5.37	42.0	10.1	121	1.07	0.55	197	5.3
1323	STV 4554B2RF	918	4.49	40.0	9.4	127	1.07	0.59	212	7.5
1316	PHY 370WR	845	4.47	42.0	8.6	131	1.05	0.58	211	6.9
1196	STV 4892 BR	823	4.71	41.0	9.5	124	1.04	0.57	200	5.8
1255	FM 960B2R	802	4.89	39.5	10.5	133	1.15	0.59	219	5.2
1166	PHYTOGEN 72	602	4.62	37.5	9.9	157	1.17	0.63	271	6.0
1214	PM 2167 RR	598	4.23	38.0	8.8	120	0.97	0.55	188	5.8
.	LSD	119	0.33	1.5	0.6	8	0.02	0.02	15	1.1

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)	(%)	(%)
1224	DP 555 R/R	5.50	1.10	83.7	30.0	5.9	73.0	6.3	5.40	1638	18.90	2.94
1321	DPL 117B2RF	4.80	1.10	83.7	31.5	6.7	71.5	6.7	5.00	1363	22.80	3.25
1319	DPL 454BR	4.90	1.10	83.9	29.5	6.0	71.5	5.9	4.95	1294	23.83	2.91
1262	ST 5599BR	5.60	1.10	83.6	31.0	6.5	73.5	7.4	5.55	1287	25.16	2.79
1323	STV 4554B2RF	5.00	1.10	85.0	31.0	7.9	74.0	7.3	5.40	1340	23.45	2.67
1316	PHY 370WR	5.40	1.10	83.7	32.0	6.8	70.5	6.1	5.30	1246	22.81	3.21
1196	STV 4892 BR	5.60	1.10	83.2	31.0	6.6	70.5	7.1	5.65	1142	20.88	3.02
1255	FM 960B2R	4.95	1.20	84.8	32.0	5.8	75.5	6.6	5.00	1249	24.22	3.00
1166	PHYTOGEN 72	5.00	1.20	85.3	34.0	6.9	73.5	8.4	5.00	1056	23.97	3.67
1214	PM 2167 RR	5.20	1.00	82.3	29.0	6.5	72.5	7.7	5.15	994	23.67	3.33
.	LSD	0.51	.	1.5	2.5	0.3	4.6	0.9	0.33	291	1.90	0.83

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1224	DP 555 R/R	0.81	0.58	1.39	384	11.0	1.33	99	43.60	4.39	3.5
1321	DPL 117B2RF	1.04	0.65	1.69	.	.	.	.	.	.	.
1319	DPL 454BR	0.85	0.72	1.57	.	.	.	.	.	.	.
1262	ST 5599BR	1.28	0.61	1.88	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.97	0.54	1.51	.	.	.	.	.	.	.
1316	PHY 370WR	1.01	0.63	1.12	.	.	.	.	.	.	.
1196	STV 4892 BR	1.16	0.68	1.84	374	9.5	1.29	101	43.34	4.49	3.7
1255	FM 960B2R	0.80	0.55	1.34	404	17.8	1.50	94	46.59	4.46	3.2
1166	PHYTOGEN 72	0.76	0.53	1.29	400	11.3	1.34	99	42.02	4.06	3.4
1214	PM 2167 RR	0.97	0.44	1.41	397	22.0	1.60	89	50.53	4.93	3.2
.	LSD	0.10	0.10	0.59	28.5	8.1	0.19	8	6.10	0.74	0.4

LOCATION=STONEVILLE, MS

VARIETY	VARIETY	LINT	BOLL	LINT	SEED	YARN	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD	SIZE			TENACITY	2.5% S.L.	50% S.L.	T1	E1

CODE	NAME	(lb/acre)	(g/boll)	PERCENT	INDEX	(mN/TEX)	(inches)	(inches)	(mN/tex)	(%)
1321	DPL 117B2RF	1182	4.74	41.1	10.1	148	1.13	0.61	249	7.1
1262	ST 5599BR	1106	5.57	42.4	10.9	131	1.10	0.57	224	6.7
1316	PHY 370WR	1077	4.73	42.4	10.3	131	1.09	0.60	228	7.7
1319	DPL 454BR	1074	5.02	44.4	9.6	131	1.06	0.59	238	7.9
1323	STV 4554B2RF	915	5.24	40.4	10.7	133	1.13	0.62	236	9.8
1224	DP 555 R/R	894	4.26	45.1	8.1	126	1.10	0.58	222	5.8
1196	STV 4892 BR	865	4.58	40.7	11.7	142	1.12	0.59	259	5.8
1225	GA 98028	755	5.10	40.4	12.1	141	1.12	0.60	243	6.1
1214	PM 2167 RR	661	4.64	38.2	10.7	126	1.02	0.58	234	8.2
1166	PHYTOGEN 72	512	4.58	37.8	11.3	159	1.18	0.64	279	8.8
.	LSD	187	0.67	1.1	0.6	20	0.05	0.03	18	1.4

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	SEED YIELD (lb/ac)	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	OIL (%)	NITROGEN (%)	
1321	DPL 117B2RF	5.40	1.15	83.4	39.0	7.1	74.5	8.0	5.30	1694	20.71	3.59
1262	ST 5599BR	5.35	1.10	82.9	37.0	6.8	68.5	8.0	5.40	1506	24.23	3.38
1316	PHY 370WR	5.45	1.10	82.4	34.5	7.0	72.0	8.3	5.55	1459	21.25	3.72
1319	DPL 454BR	4.95	1.10	82.3	32.0	6.7	73.0	7.3	5.15	1348	22.80	3.58
1323	STV 4554B2RF	5.50	1.20	83.5	35.0	7.5	70.5	8.8	5.45	1353	22.54	3.52
1224	DP 555 R/R	5.35	1.10	82.0	34.5	6.5	74.5	8.2	5.25	1090	16.13	3.64
1196	STV 4892 BR	5.30	1.15	83.4	37.5	6.8	70.0	8.9	5.45	1261	21.00	3.80
1225	GA 98028	5.55	1.15	84.1	40.0	7.1	72.5	8.1	5.45	1116	20.23	3.63
1214	PM 2167 RR	5.40	1.00	83.1	35.0	6.8	71.0	7.8	5.30	1069	23.32	3.93
1166	PHYTOGEN 72	5.35	1.20	84.1	44.5	7.9	71.5	8.6	5.05	841	21.95	3.80
.	LSD	0.52	0.09	1.1	5.2	0.2	3.9	1.1	0.44	266	1.98	0.39

---GOSSYPOL LEVELS---

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

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

1321	DPL 117B2RF	0.99	0.70	1.69	.	.	.	.	.	.	.
1262	ST 5599BR	1.16	0.68	1.84	.	.	.	.	.	.	.
1316	PHY 370WR	0.97	0.69	1.66	.	.	.	.	.	.	.
1319	DPL 454BR	0.71	0.64	1.34	.	.	.	.	.	.	.
1323	STV 4554B2RF	0.94	0.62	1.57	.	.	.	.	.	.	.
1224	DP 555 R/R	0.66	0.49	1.15	399	21.0	1.58	90	49.61	4.82	3.2
1196	STV 4892 BR	0.97	0.68	1.65	390	22.0	1.60	90	51.43	5.11	3.2
1225	GA 98028	0.86	0.63	1.48	381	19.0	1.53	93	50.52	5.15	3.3
1214	PM 2167 RR	0.69	0.48	1.40	390	23.3	1.63	88	52.20	5.17	3.2
1166	PHYTOGEN 72	0.73	0.57	1.30	410	15.5	1.45	96	44.20	4.16	3.2
.	LSD	0.28	0.28	0.27	35.8	4.7	0.11	4	5.72	0.97	0.3

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 (%)
1323	STV 4554B2RF	1704	7.63	.	.	120	1.17	0.57	206	9.2
1316	PHY 370WR	1671	7.50	.	.	128	1.11	0.56	226	7.6
1196	STV 4892 BR	1667	7.48	.	.	117	1.11	0.55	199	5.3
1262	ST 5599BR	1652	7.40	.	.	121	1.13	0.54	217	7.0
1321	DPL 117B2RF	1535	6.88	.	.	136	1.19	0.56	234	7.3
1319	DPL 454BR	1529	6.85	.	.	128	1.11	0.55	218	7.7
1166	PHYTOGEN 72	1440	6.48	.	.	145	1.22	0.57	251	5.9
1255	FM 960B2R	1382	6.18	.	.	147	1.20	0.56	218	5.2
1224	DP 555 R/R	1337	6.00	.	.	125	1.14	0.54	191	4.4
1214	PM 2167 RR	1208	5.40	.	.	121	1.03	0.53	204	5.1
.	LSD	118	0.53	.	.	9	0.06	0.04	12	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 Rd	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
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1323	STV 4554B2RF	4.50	1.15	84.1	30.0	10.0	57.5	8.7	4.45	.	19.31	3.79
1316	PHY 370WR	4.60	1.10	83.6	30.0	9.9	58.5	8.1	4.55	.	18.20	4.14
1196	STV 4892 BR	4.70	1.10	83.7	29.0	9.1	60.0	9.1	4.70	.	16.23	4.00
1262	ST 5599BR	3.85	1.15	84.1	32.0	9.5	58.5	8.6	3.80	.	19.89	3.93
1321	DPL 117B2RF	3.85	1.20	83.7	31.5	9.6	58.0	8.6	3.95	.	18.95	4.07
1319	DPL 454BR	3.95	1.10	84.0	29.0	8.8	60.5	8.2	4.00	.	18.45	4.12
1166	PHYTOGEN 72	4.45	1.20	84.3	31.5	9.6	59.0	9.0	4.55	.	18.81	3.97
1255	FM 960B2R	3.90	1.20	84.5	31.0	8.9	60.5	7.9	3.85	.	19.65	3.80
1224	DP 555 R/R	4.55	1.15	82.3	28.0	8.6	62.0	7.7	4.60	.	16.41	4.11
1214	PM 2167 RR	4.10	1.05	83.1	29.0	9.2	59.0	8.8	4.20	.	19.07	4.22
.	LSD	0.60	0.10	1.5	1.7	0.4	3.1	0.7	0.44	.	0.91	0.21

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	0.75	0.46	1.21	.	.	.	.	.	.	.
1316	PHY 370WR	0.81	0.54	1.34	.	.	.	.	.	.	.
1196	STV 4892 BR	0.83	0.53	1.36	436	31.0	1.78	82	51.40	4.56	2.8
1262	ST 5599BR	0.92	0.48	1.40	.	.	.	.	.	.	.
1321	DPL 117B2RF	0.81	0.55	1.35	.	.	.	.	.	.	.
1319	DPL 454BR	0.50	0.43	0.93	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.54	0.38	0.93	456	22.8	1.62	89	44.40	3.77	2.7
1255	FM 960B2R	0.60	0.44	1.04	485	36.0	1.88	79	48.62	3.88	2.5
1224	DP 555 R/R	0.60	0.42	1.01	446	24.8	1.66	87	46.56	4.04	2.8
1214	PM 2167 RR	0.71	0.35	1.06	457	37.3	1.91	78	52.22	4.42	2.6
.	LSD	0.06	0.06	0.10	15.0	5.7	0.11	4	3.95	0.44	0.2

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 (%)

1316	PHY 370WR	1491	4.67	41.9	9.6	135	1.10	0.54	193	7.3
1262	ST 5599BR	1395	4.75	42.0	9.4	140	1.12	0.54	197	6.3
1224	DP 555 R/R	1360	4.09	43.1	7.7	129	1.12	0.52	188	5.9
1319	DPL 454BR	1330	4.19	43.4	8.4	144	1.13	0.53	203	6.9
1196	STV 4892 BR	1278	4.54	41.7	10.0	134	1.10	0.54	194	6.6
1323	STV 4554B2RF	1219	4.17	40.5	9.6	139	1.15	0.57	206	7.8
1166	PHYTOGEN 72	1216	4.69	39.2	10.3	164	1.20	0.61	243	8.1
1321	DPL 117B2RF	1193	4.47	40.3	10.1	149	1.18	0.56	210	6.2
1255	FM 960B2R	1125	4.80	39.3	10.5	152	1.17	0.56	227	5.3
1214	PM 2167 RR	1029	4.30	38.3	9.5	136	1.02	0.52	203	6.8
.	LSD	219	0.63	2.3	1.1	7	0.02	0.04	16	1.6

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1316	PHY 370WR	4.30	1.10	83.3	31.0	6.8	65.5	7.5	4.40	1882	19.85	3.66
1262	ST 5599BR	4.10	1.10	83.0	30.5	6.0	65.5	8.2	4.15	1932	20.86	3.43
1224	DP 555 R/R	4.15	1.10	81.8	28.0	5.6	67.0	7.2	4.10	1763	16.78	3.77
1319	DPL 454BR	3.65	1.10	83.1	28.5	5.9	63.5	7.1	3.75	1706	18.09	3.83
1196	STV 4892 BR	4.45	1.10	83.4	29.0	6.2	64.5	8.4	4.55	1846	18.36	3.69
1323	STV 4554B2RF	4.35	1.15	84.3	30.0	6.9	63.0	7.8	4.35	1924	18.51	3.48
1166	PHYTOGEN 72	4.50	1.20	84.8	34.0	6.9	64.5	7.3	4.45	1914	20.12	3.78
1321	DPL 117B2RF	4.10	1.20	83.3	31.0	6.1	62.0	8.4	4.10	1859	20.29	3.83
1255	FM 960B2R	3.55	1.20	84.1	31.0	5.6	65.0	7.1	3.60	1577	19.33	3.64
1214	PM 2167 RR	4.30	1.05	82.7	30.0	6.2	65.0	7.9	4.30	1523	19.60	3.90
.	LSD	0.63	0.07	1.5	1.9	0.6	5.5	1.1	0.71	561	2.01	0.29

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1316	PHY 370WR	0.87	0.59	1.45	.	.	.	.	.	.	.
1262	ST 5599BR	1.01	0.50	1.51	.	.	.	.	.	.	.

1224	DP 555 R/R	0.58	0.39	0.97	460	27.0	1.70	85	46.49	3.91	2.7
1319	DPL 454BR	0.53	0.45	0.98	.	.	.	.	.	.	.
1196	STV 4892 BR	0.86	0.55	1.41	459	38.0	1.91	78	52.40	4.46	2.6
1323	STV 4554B2RF	0.79	0.47	1.26	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.59	0.43	1.01	445	19.3	1.53	92	43.30	3.77	2.9
1321	DPL 117B2RF	0.81	0.59	1.39	.	.	.	.	.	.	.
1255	FM 960B2R	0.61	0.44	1.05	517	43.8	2.02	73	49.09	3.68	2.3
1214	PM 2167 RR	0.72	0.35	1.07	464	37.0	1.90	78	51.32	4.28	2.6
.	LSD	0.09	0.09	0.16	78.7	15.2	0.29	12	4.45	0.97	0.6

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



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United States Department of Agriculture

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2007 National Cotton Variety Test



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National Cotton Variety Tests, 2007
 Yield, Boll, Seed, Spinning and Data

2007 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 (%)
1196	STV 4892 BR	1123	5.68	40.5	10.8	123	1.10	0.58	199	6.2
1297	TAMCOT 22	1108	5.88	39.8	10.4	112	1.11	0.56	179	6.9
1201	DPL 491	1101	5.56	39.9	10.3	139	1.17	0.60	220	5.2
1251	ST 5599BR	1031	5.78	39.8	11.0	125	1.11	0.56	198	5.5
1224	DP 555 R/R	1022	5.25	41.8	8.0	117	1.09	0.55	200	5.4

1255	FM 960B2R	971	5.53	38.3	11.4	135	1.14	0.57	213	5.4
1166	PHYTOGEN 72	966	5.56	37.8	10.3	143	1.16	0.60	235	7.2
1214	PM 2167 RR	940	5.19	36.4	10.2	119	1.03	0.57	191	6.1
1296	FM 832LL	886	5.80	37.3	11.0	142	1.18	0.60	213	5.4
.	LSD	177	0.74	1.5	0.9	6	0.03	0.02	15	0.8

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1196	STV 4892 BR	5.31	1.10	84.3	30.5	7.1	70.6	7.3	5.28	1635	20.63	3.35
1297	TAMCOT 22	4.67	1.15	82.7	26.8	6.5	71.1	7.7	4.68	1684	20.89	3.66
1201	DPL 491	4.81	1.20	84.0	32.8	6.5	71.5	7.2	4.74	1637	19.08	3.72
1251	ST 5599BR	5.04	1.11	83.2	31.1	6.4	70.5	7.9	5.05	1471	23.44	3.35
1224	DP 555 R/R	4.83	1.11	82.2	29.9	6.2	72.5	6.3	4.79	1358	16.82	3.48
1255	FM 960B2R	4.86	1.19	83.9	32.4	6.4	70.4	6.9	4.83	1616	21.91	3.37
1166	PHYTOGEN 72	4.70	1.20	83.8	33.8	6.9	68.1	8.0	4.66	1676	21.32	3.52
1214	PM 2167 RR	4.94	1.03	83.0	29.0	6.6	69.1	7.4	4.91	1584	22.28	3.71
1296	FM 832LL	4.65	1.20	84.5	32.8	6.5	70.9	6.4	4.55	1532	20.80	3.52
.	LSD	0.23	0.03	1.0	1.8	0.3	1.7	0.5	0.19	340	1.49	0.22

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1196	STV 4892 BR	1.15	0.78	1.93	382	23.3	1.62	89	53.16	5.38	3.3
1297	TAMCOT 22	0.97	0.69	1.66	.	.	.	.	.	.	.
1201	DPL 491	0.80	0.65	1.46	412	23.7	1.62	88	49.50	4.66	3.0
1251	ST 5599BR	1.16	0.67	1.83	.	.	.	.	.	.	.
1224	DP 555 R/R	0.62	0.46	1.07	406	22.8	1.60	89	49.58	4.73	3.1
1255	FM 960B2R	0.73	0.58	1.31	409	24.1	1.63	88	50.11	4.75	3.1
1166	PHYTOGEN 72	0.72	0.55	1.27	416	19.1	1.52	92	45.94	4.27	3.1
1214	PM 2167 RR	0.90	0.47	1.37	399	26.0	1.68	86	52.84	5.14	3.1

1296	FM 832LL	0.56	0.49	1.05	
.	LSD	0.09	0.04	0.12	16.4	2.1	0.05	2	1.82	0.33	0.1

BOLL SIZE, GRAM PER BOLL		LINT PERCENT		SEED INDEX	
TAMCOT 22	5.88	DP 555 R/R	41.8	FM 960B2R	11.4
FM 832LL	5.80	STV 4892 BR	40.5	FM 832LL	11.0
ST 5599BR	5.78	DPL 491	39.9	ST 5599BR	11.0
STV 4892 BR	5.68	TAMCOT 22	39.8	STV 4892 BR	10.8
DPL 491	5.56	ST 5599BR	39.8	TAMCOT 22	10.4
PHYTOGEN 72	5.56	FM 960B2R	38.3	DPL 491	10.3
FM 960B2R	5.53	PHYTOGEN 72	37.8	PHYTOGEN 72	10.3
DP 555 R/R	5.25	FM 832LL	37.3	PM 2167 RR	10.2
PM 2167 RR	5.19	PM 2167 RR	36.4	DP 555 R/R	8.0
LSD	0.74	LSD	1.5	LSD	0.9

2.5% S.L. (INCHES)		UR (PERCENT)		STRENGTH (G/TEX)	
FM 832LL	1.20	FM 832LL	84.5	PHYTOGEN 72	33.8
DPL 491	1.20	STV 4892 BR	84.3	FM 832LL	32.8
PHYTOGEN 72	1.20	DPL 491	84.0	DPL 491	32.8
FM 960B2R	1.19	FM 960B2R	83.9	FM 960B2R	32.4
TAMCOT 22	1.15	PHYTOGEN 72	83.8	ST 5599BR	31.1
ST 5599BR	1.11	ST 5599BR	83.2	STV 4892 BR	30.5
DP 555 R/R	1.11	PM 2167 RR	83.0	DP 555 R/R	29.9
STV 4892 BR	1.10	TAMCOT 22	82.7	PM 2167 RR	29.0
PM 2167 RR	1.03	DP 555 R/R	82.2	TAMCOT 22	26.8
LSD	0.03	LSD	1.0	LSD	1.8

E	MICRONAIRE (SL-HVI)	COLORIMETER - Rd
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STV 4892 BR	7.1
PHYTOGEN 72	6.9
PM 2167 RR	6.6
DPL 491	6.5
TAMCOT 22	6.5
FM 832LL	6.5
FM 960B2R	6.4
ST 5599BR	6.4
DP 555 R/R	6.2
LSD	0.3

STV 4892 BR	5.28
ST 5599BR	5.05
PM 2167 RR	4.91
FM 960B2R	4.83
DP 555 R/R	4.79
DPL 491	4.74
TAMCOT 22	4.68
PHYTOGEN 72	4.66
FM 832LL	4.55
LSD	0.19

DP 555 R/R	72.5
DPL 491	71.5
TAMCOT 22	71.1
FM 832LL	70.9
STV 4892 BR	70.6
ST 5599BR	70.5
FM 960B2R	70.4
PM 2167 RR	69.1
PHYTOGEN 72	68.1
LSD	1.7

 COLORIMETER - b

PHYTOGEN 72	8.0
ST 5599BR	7.9
TAMCOT 22	7.7
PM 2167 RR	7.4
STV 4892 BR	7.3
DPL 491	7.2
FM 960B2R	6.9
FM 832LL	6.4
DP 555 R/R	6.3
LSD	0.5

 MICRONAIRE

STV 4892 BR	5.31
ST 5599BR	5.04
PM 2167 RR	4.94
FM 960B2R	4.86
DP 555 R/R	4.83
DPL 491	4.81
PHYTOGEN 72	4.70
TAMCOT 22	4.67
FM 832LL	4.65
LSD	0.23

 STELOMETER - E1

PHYTOGEN 72	7.2
TAMCOT 22	6.9
STV 4892 BR	6.2
PM 2167 RR	6.1
ST 5599BR	5.5
FM 832LL	5.4
FM 960B2R	5.4
DP 555 R/R	5.4
DPL 491	5.2
LSD	0.8

 STELOMETER - T1

PHYTOGEN 72	235
DPL 491	220
FM 832LL	213
FM 960B2R	213
DP 555 R/R	200
STV 4892 BR	199
ST 5599BR	198
PM 2167 RR	191
TAMCOT 22	179
LSD	15

 FIBROGRAPH--50% S.L.

PHYTOGEN 72	0.60
FM 832LL	0.60
DPL 491	0.60
STV 4892 BR	0.58
FM 960B2R	0.57
PM 2167 RR	0.57
ST 5599BR	0.56
TAMCOT 22	0.56
DP 555 R/R	0.55
LSD	0.02

 FIBROGRAPH--2.5% SL

FM 832LL	1.18
DPL 491	1.17
PHYTOGEN 72	1.16
FM 960B2R	1.14
ST 5599BR	1.11
TAMCOT 22	1.11
STV 4892 BR	1.10
DP 555 R/R	1.09
PM 2167 RR	1.03
LSD	0.03

YARN TENACITY	
PHYTOGEN 72	143
FM 832LL	142
DPL 491	139
FM 960B2R	135
ST 5599BR	125
STV 4892 BR	123
PM 2167 RR	119
DP 555 R/R	117
TAMCOT 22	112
LSD	6

AREALOMETER - A (mm2/mm3)	
PHYTOGEN 72	416
DPL 491	412
FM 960B2R	409
DP 555 R/R	406
PM 2167 RR	399
STV 4892 BR	382
FM 832LL	.
ST 5599BR	.
TAMCOT 22	.
LSD	16.4

AREALOMETER - D (mm2)	
PM 2167 RR	26.0
FM 960B2R	24.1
DPL 491	23.7
STV 4892 BR	23.3
DP 555 R/R	22.8
PHYTOGEN 72	19.1
FM 832LL	.
ST 5599BR	.
TAMCOT 22	.
LSD	2.1

AREALOMETER - I	
PM 2167 RR	1.68
FM 960B2R	1.63
DPL 491	1.62
STV 4892 BR	1.62
DP 555 R/R	1.60
PHYTOGEN 72	1.52
FM 832LL	.
ST 5599BR	.
TAMCOT 22	.
LSD	0.05

AREALOMETER - M (PERCENT)	
PHYTOGEN 72	92
DP 555 R/R	89
STV 4892 BR	89
DPL 491	88
FM 960B2R	88
PM 2167 RR	86
FM 832LL	.
ST 5599BR	.
TAMCOT 22	.
LSD	2

AREALOMETER - p (Microns)	
STV 4892 BR	53.16
PM 2167 RR	52.84
FM 960B2R	50.11
DP 555 R/R	49.58
DPL 491	49.50
PHYTOGEN 72	45.94
FM 832LL	.
ST 5599BR	.
TAMCOT 22	.
LSD	1.82

AREALOMETER - w (MG/INCH)	
STV 4892 BR	5.38
PM 2167 RR	5.14
FM 960B2R	4.75
DP 555 R/R	4.73
DPL 491	4.66
PHYTOGEN 72	4.27
FM 832LL	.
ST 5599BR	.

AREALOMETER - t (MICRONS)	
STV 4892 BR	3.3
PM 2167 RR	3.1
DP 555 R/R	3.1
PHYTOGEN 72	3.1
FM 960B2R	3.1
DPL 491	3.0
FM 832LL	.
ST 5599BR	.

SEED YIELD (LB/ACRE)	
TAMCOT 22	1684
PHYTOGEN 72	1676
DPL 491	1637
STV 4892 BR	1635
FM 960B2R	1616
PM 2167 RR	1584
FM 832LL	1532
ST 5599BR	1471

TAMCOT 22 .
LSD 0.33

TAMCOT 22 .
LSD 0.1

DP 555 R/R 1358
LSD 340

OIL (PERCENT)

ST 5599BR 23.44
PM 2167 RR 22.28
FM 960B2R 21.91
PHYTOGEN 72 21.32
TAMCOT 22 20.89
FM 832LL 20.80
STV 4892 BR 20.63
DPL 491 19.08
DP 555 R/R 16.82
LSD 1.49

NITROGEN (PERCENT)

DPL 491 3.72
PM 2167 RR 3.71
TAMCOT 22 3.66
PHYTOGEN 72 3.52
FM 832LL 3.52
DP 555 R/R 3.48
FM 960B2R 3.37
STV 4892 BR 3.35
ST 5599BR 3.35
LSD 0.22

PLUS GOSSYPOL

ST 5599BR 1.16
STV 4892 BR 1.15
TAMCOT 22 0.97
PM 2167 RR 0.90
DPL 491 0.80
FM 960B2R 0.73
PHYTOGEN 72 0.72
DP 555 R/R 0.62
FM 832LL 0.56
LSD 0.09

MINUS GOSSYPOL

STV 4892 BR 0.78
TAMCOT 22 0.69
ST 5599BR 0.67
DPL 491 0.65
FM 960B2R 0.58
PHYTOGEN 72 0.55
FM 832LL 0.49
PM 2167 RR 0.47
DP 555 R/R 0.46
LSD 0.04

TOTAL GOSSYPOL (PERCENT)

STV 4892 BR 1.93
ST 5599BR 1.83
TAMCOT 22 1.66
DPL 491 1.46
PM 2167 RR 1.37
FM 960B2R 1.31
PHYTOGEN 72 1.27
DP 555 R/R 1.07
FM 832LL 1.05
LSD 0.12

LOCATIONS COMBINING VARIETIES

LINT

BOLL

YARN

DIGITAL FIBROGRAPH

STELOMETER

LOCATION	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 (%)
WESLACO, TX	1399	5.61	39.6	9.5	127	1.11	0.57	205	5.6
COLLEGE STATION, TX	1322	5.68	39.9	10.2	128	1.11	0.57	213	5.6
CHILLOCO THE, TX	946	.	.	.	.	.	.	.	.
BOSSIER CITY, LA	876	5.68	38.6	11.1	134	1.13	0.60	206	5.9
BEEVILLE, TX	539	5.36	38.1	10.7	125	1.13	0.57	197	6.6

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

LOCATION	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 (%)
WESLACO, TX	5.14	1.13	82.9	30.7	6.7	72.8	8.2	5.12	2125	22.43	3.25
COLLEGE STATION, TX	4.67	1.14	83.0	31.3	6.7	69.6	7.0	4.63	1997	21.34	3.47
CHILLOCO THE, TX	.	.	.	.	.	.	.	.	.	.	.
BOSSIER CITY, LA	5.19	1.15	85.3	31.6	6.3	70.2	6.9	5.18	1304	20.53	3.69
BEEVILLE, TX	4.47	1.15	82.8	30.3	6.7	69.6	6.8	4.39	882	18.88	3.66

---GOSSYPOL LEVELS---

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

LOCATION	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	M (%)	I	p (microns)	w (mg/in)	t (microns)
WESLACO, TX	0.94	0.65	1.58	383	18.3	1.51	93	49.44	4.99	3.3
COLLEGE STATION, TX	0.92	0.65	1.56	409	26.7	1.69	86	52.18	4.95	3.0
CHILLOCO THE, TX	.	.	.	.	.	.	.	.	.	.
BOSSIER CITY, LA	0.78	0.54	1.31	391	16.8	1.47	94	47.45	4.71	3.3
BEEVILLE, TX	0.76	0.54	1.30	432	30.9	1.78	82	51.68	4.63	2.8

LOCATION=COLLEGE STATION, TX

VARIETY CODE	VARIETY NAME	LINT	BOLL	YARN		DIGITAL FIBROGRAPH		STELOMETER		
		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 (%)
1196	STV 4892 BR	1595	5.48	42.0	10.7	121	1.08	0.58	200	6.5
1166	PHYTOGEN 72	1484	5.61	38.5	10.2	145	1.14	0.60	239	7.7
1297	TAMCOT 22	1408	5.70	40.0	10.4	108	1.11	0.56	196	5.5
1201	DPL 491	1388	5.54	40.5	10.2	137	1.16	0.58	214	4.9
1224	DP 555 R/R	1318	4.89	43.5	7.8	112	1.10	0.55	209	5.4
1214	PM 2167 RR	1273	5.53	38.0	9.9	119	1.00	0.57	188	5.8
1255	FM 960B2R	1217	6.08	37.5	11.5	138	1.15	0.59	237	5.0
1296	FM 832LL	1181	5.98	38.0	10.9	147	1.16	0.59	237	5.0
1251	ST 5599BR	1034	6.36	41.0	10.8	124	1.09	0.54	204	5.0
.	LSD	572	0.62	1.5	0.8	7	0.02	0.04	15	0.5

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

VARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	COLORIMETER		MICRO-	SEED	OIL	NITR	
		NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)	HUNTER'S E	HUNTER'S Rd	NAIRE (Reading)	YIELD (lb/ac)			
1196	STV 4892 BR	5.20	1.10	84.6	32.0	7.7	70.5	7.7	5.10	2203	20.23	3.36
1166	PHYTOGEN 72	4.65	1.20	83.3	33.0	6.9	68.5	7.8	4.55	2373	22.13	3.45
1297	TAMCOT 22	4.55	1.15	82.2	28.0	6.6	70.0	7.3	4.50	2125	21.46	3.77
1201	DPL 491	4.60	1.20	82.7	33.0	6.9	70.0	7.2	4.50	2046	18.16	3.53
1224	DP 555 R/R	4.55	1.10	82.1	30.5	6.4	71.0	6.2	4.55	1711	17.85	3.42
1214	PM 2167 RR	4.85	1.00	82.9	29.0	6.9	70.5	7.5	4.85	2077	22.90	3.76
1255	FM 960B2R	4.50	1.20	83.9	33.0	6.2	68.5	6.3	4.50	2028	23.13	3.22
1296	FM 832LL	4.25	1.20	83.5	33.0	6.5	68.5	6.1	4.25	1926	22.30	3.40
1251	ST 5599BR	4.85	1.10	82.3	30.5	6.3	69.0	7.4	4.85	1487	23.91	3.33
.	LSD	0.35	0.05	1.1	2.3	0.4	4.5	1.2	0.33	941	1.81	0.29

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

VARIETY	VARIETY	PLUS	MINUS	TOTAL	A	D	M	p	w	t
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CODE	NAME	(+)	(-)	(%)	---(mm2/mm3)---		I	(%)	(microns)	(mg/in)	(microns)
1196	STV 4892 BR	1.21	0.82	2.02	391	26.8	1.70	86	54.48	5.39	3.2
1166	PHYTOGEN 72	0.78	0.61	1.38	417	24.0	1.63	89	49.19	4.58	3.0
1297	TAMCOT 22	1.06	0.74	1.80	.	.	.	.	.	.	.
1201	DPL 491	0.83	0.71	1.53	423	27.5	1.71	85	50.87	4.65	2.9
1224	DP 555 R/R	0.68	0.52	1.19	418	25.5	1.67	87	50.26	4.66	3.0
1214	PM 2167 RR	1.03	0.54	1.56	391	28.5	1.73	85	55.71	5.53	3.1
1255	FM 960B2R	0.77	0.61	1.37	412	28.0	1.72	85	52.57	4.94	3.0
1296	FM 832LL	0.60	0.54	1.14	.	.	.	.	.	.	.
1251	ST 5599BR	1.31	0.75	2.06	.	.	.	.	.	.	.
.	LSD	0.11	0.11	0.21	24.8	14.5	0.31	12	11.48	1.33	0.2

LOCATION=WESLACO, 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 (%)
1196	STV 4892 BR	1699	5.79	40.5	10.6	125	1.11	0.59	208	5.5
1201	DPL 491	1616	5.17	41.5	9.0	137	1.16	0.58	216	4.9
1255	FM 960B2R	1538	5.45	38.5	10.6	136	1.12	0.55	214	5.3
1251	ST 5599BR	1499	5.53	40.0	10.1	127	1.12	0.58	200	5.3
1297	TAMCOT 22	1411	5.97	40.0	9.5	112	1.09	0.54	162	7.7
1224	DP 555 R/R	1310	5.60	42.5	7.8	113	1.07	0.54	209	5.2
1214	PM 2167 RR	1202	4.50	38.0	8.9	109	1.00	0.57	184	5.3
1166	PHYTOGEN 72	1190	6.08	38.5	8.6	147	1.14	0.60	240	6.3
1296	FM 832LL	1129	6.37	37.0	10.4	137	1.20	0.61	215	5.0
.	LSD	327	1.60	2.0	1.5	17	0.07	0.05	14	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 (%)
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1196	STV 4892 BR	5.55	1.10	84.1	30.5	7.0	71.5	7.9	5.55	2493	21.82	3.17
1201	DPL 491	5.15	1.20	82.7	31.5	6.5	73.5	8.4	5.10	2280	19.57	3.54
1255	FM 960B2R	5.30	1.15	82.6	33.5	6.6	74.5	8.0	5.25	2450	23.60	2.82
1251	ST 5599BR	5.15	1.10	83.2	30.5	6.7	73.5	8.7	5.15	2248	25.11	2.98
1297	TAMCOT 22	4.85	1.15	81.7	25.0	6.6	74.5	8.9	4.90	2116	23.96	3.31
1224	DP 555 R/R	5.30	1.10	81.2	29.5	6.5	74.5	6.9	5.20	1776	18.22	3.38
1214	PM 2167 RR	5.10	1.00	82.6	27.0	6.6	70.5	8.4	5.10	1960	23.39	3.43
1166	PHYTOGEN 72	5.00	1.20	82.8	35.0	7.2	68.5	9.1	5.00	1877	22.92	3.25
1296	FM 832LL	4.90	1.20	85.1	34.0	6.9	74.0	7.7	4.80	1922	23.27	3.42
.	LSD	0.49	0.07	2.2	2.6	0.4	3.3	1.5	0.38	481	1.87	0.95

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	M I	p (%)	w (microns)	t (mg/in)(microns)	
1196	STV 4892 BR	1.30	0.85	2.14	370	19.8	1.55	92	52.45	5.48	3.4
1201	DPL 491	0.80	0.69	1.49	380	17.3	1.49	94	49.15	5.01	3.4
1255	FM 960B2R	0.84	0.64	1.48	385	17.3	1.48	94	48.31	4.86	3.4
1251	ST 5599BR	1.30	0.71	2.01	.	.	.	.	.	.	.
1297	TAMCOT 22	1.18	0.81	1.99	.	.	.	.	.	.	.
1224	DP 555 R/R	0.67	0.49	1.17	383	17.8	1.50	93	49.16	4.97	3.3
1214	PM 2167 RR	0.93	0.47	1.39	386	23.5	1.63	88	52.92	5.31	3.3
1166	PHYTOGEN 72	0.79	0.60	1.39	398	14.3	1.42	97	44.64	4.34	3.3
1296	FM 832LL	0.64	0.56	1.20	.	.	.	.	.	.	.
.	LSD	0.15	0.15	0.24	28.0	9.2	0.23	8	7.71	0.92	0.3

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 (%)
1196	STV 4892 BR	946	6.17	40.0	11.1	123	1.11	0.60	197	6.2

1297	TAMCOT 22	942	6.30	38.5	11.4	120	1.12	0.58	183	7.3
1201	DPL 491	933	5.65	40.5	10.1	146	1.19	0.62	235	5.0
1224	DP 555 R/R	913	6.22	41.0	8.7	127	1.12	0.58	194	5.3
1255	FM 960B2R	871	5.54	38.0	12.6	138	1.16	0.61	204	4.8
1296	FM 832LL	829	5.27	38.0	12.1	152	1.18	0.61	213	5.8
1166	PHYTOGEN 72	824	5.66	37.0	11.5	147	1.18	0.63	238	7.3
1214	PM 2167 RR	819	5.32	35.0	10.6	126	1.01	0.57	193	6.4
1251	ST 5599BR	809	4.98	39.0	11.6	127	1.12	0.58	197	5.0
.	LSD	339	0.84	1.3	0.3	9	0.04	0.04	9	0.9

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
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1196	STV 4892 BR	5.60	1.10	85.7	30.0	6.6	70.0	6.7	5.55	1104	19.97	3.62
1297	TAMCOT 22	4.95	1.15	84.1	27.0	6.0	70.5	7.8	4.95	1529	19.13	3.70
1201	DPL 491	5.10	1.20	86.7	33.0	6.3	71.5	7.1	5.10	1203	20.08	3.93
1224	DP 555 R/R	5.25	1.15	84.4	29.5	5.8	72.5	5.9	5.30	1322	16.62	3.49
1255	FM 960B2R	5.40	1.20	86.0	34.0	6.3	69.0	6.3	5.30	1413	22.21	3.65
1296	FM 832LL	5.00	1.20	86.1	32.5	6.2	70.5	6.1	4.95	1193	20.76	3.79
1166	PHYTOGEN 72	4.70	1.20	86.5	34.5	6.6	68.0	7.8	4.80	1600	20.43	3.72
1214	PM 2167 RR	5.25	1.00	84.0	31.5	6.4	69.0	6.7	5.30	1311	22.36	3.94
1251	ST 5599BR	5.45	1.15	84.9	32.5	6.3	70.5	7.7	5.40	1060	23.27	3.42
.	LSD	0.27	0.09	1.3	1.6	0.2	4.6	1.3	0.26	855	1.81	0.35

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
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1196	STV 4892 BR	1.01	0.68	1.69	368	16.0	1.46	95	49.86	5.26	3.5
1297	TAMCOT 22	0.83	0.62	1.44
1201	DPL 491	0.81	0.61	1.42	403	17.5	1.49	94	46.58	4.47	3.2
1224	DP 555 R/R	0.60	0.44	1.04	380	15.5	1.45	95	47.70	4.85	3.4
1255	FM 960B2R	0.68	0.52	1.19	392	18.8	1.52	93	48.82	4.83	3.3
1296	FM 832LL	0.52	0.45	0.97	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.69	0.51	1.19	422	13.3	1.39	98	41.36	3.79	3.1

1214	PM 2167 RR	0.87	0.43	1.30	383	19.5	1.54	92	50.42	5.09	3.3
1251	ST 5599BR	1.02	0.58	1.60	.	.	.	.	.	.	.
.	LSD	0.09	0.09	0.15	14.9	8.9	0.21	8	6.98	0.77	0.3

LOCATION=BEEVILLE, 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 (%)
1251	ST 5599BR	697	6.25	39.0	11.4	121	1.12	0.56	190	6.8
1297	TAMCOT 22	658	5.54	40.5	10.5	111	1.13	0.56	175	7.3
1296	FM 832LL	606	5.59	36.0	10.6	135	1.18	0.59	187	6.0
1201	DPL 491	594	5.90	37.0	12.0	138	1.19	0.61	216	5.8
1214	PM 2167 RR	520	5.40	34.5	11.4	121	1.11	0.57	201	7.1
1166	PHYTOGEN 72	506	4.90	37.0	10.8	134	1.17	0.59	225	7.7
1196	STV 4892 BR	484	5.28	39.5	11.0	122	1.10	0.56	194	6.7
1224	DP 555 R/R	416	4.29	40.0	7.6	115	1.09	0.54	189	5.7
1255	FM 960B2R	366	5.07	39.0	10.8	128	1.12	0.55	197	6.7
.	LSD	278	1.30	3.3	3.7	20	0.10	0.06	19	1.2

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

VARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	E	COLORIMETER		MICRO-	SEED	OIL	NITR
		NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)		HUNTER'S b	NAIRE (Reading)	YIELD (lb/ac)	OGEN (%)		
1251	ST 5599BR	4.70	1.10	82.5	31.0	6.5	69.0	7.8	4.80	1090	21.45	3.67
1297	TAMCOT 22	4.35	1.15	82.9	27.0	6.9	69.5	6.8	4.35	964	19.02	3.85
1296	FM 832LL	4.45	1.20	83.5	31.5	6.6	70.5	5.7	4.20	1085	16.88	3.46
1201	DPL 491	4.40	1.20	84.0	33.5	6.6	71.0	6.4	4.25	1021	18.52	3.90
1214	PM 2167 RR	4.55	1.10	82.5	28.5	6.7	66.5	6.9	4.40	986	20.46	3.73
1166	PHYTOGEN 72	4.45	1.20	82.9	32.5	6.9	67.5	7.5	4.30	855	19.80	3.69
1196	STV 4892 BR	4.90	1.10	82.7	29.5	7.0	70.5	6.8	4.90	739	20.51	3.25
1224	DP 555 R/R	4.20	1.10	81.2	30.0	6.2	72.0	6.3	4.10	625	14.62	3.64
1255	FM 960B2R	4.25	1.20	83.4	29.0	6.7	69.5	7.0	4.25	575	18.70	3.80

. LSD 0.59 0.12 3.4 3.0 0.5 6.3 1.3 0.71 458 4.14 0.43

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1251	ST 5599BR	1.02	0.62	1.64	.	.	.	.	.	.	.
1297	TAMCOT 22	0.84	0.60	1.44	.	.	.	.	.	.	.
1296	FM 832LL	0.48	0.41	0.89	.	.	.	.	.	.	.
1201	DPL 491	0.78	0.61	1.39	441	32.5	1.81	81	51.40	4.51	2.8
1214	PM 2167 RR	0.78	0.46	1.23	435	32.5	1.81	81	52.32	4.66	2.8
1166	PHYTOGEN 72	0.63	0.50	1.13	429	25.0	1.66	87	48.57	4.38	2.9
1196	STV 4892 BR	1.11	0.77	1.87	399	30.5	1.77	83	55.86	5.41	3.0
1224	DP 555 R/R	0.52	0.39	0.91	443	32.3	1.81	82	51.21	4.47	2.8
1255	FM 960B2R	0.65	0.54	1.18	449	32.5	1.81	82	50.75	4.38	2.7
.	LSD	0.32	0.32	0.48	35.3	13.4	0.26	10	6.84	0.73	0.3

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National Cotton Variety Tests, 2007
Yield, Boll, Seed, Spinning and Data

2007 WESTERN 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 (%)
1196	STV 4892 BR	1236	4.91	40.7	8.3	120	1.07	0.55	173	8.3
1279	NM 03K1155	1186	3.67	37.6	7.3	137	1.16	0.57	235	9.9
1214	PM 2167 RR	1134	3.38	40.2	8.0	114	0.99	0.53	176	7.6
1166	PHYTOGEN 72	1119	3.55	41.2	8.6	145	1.11	0.57	227	9.3
1128	ACALA 1517-99	1080	3.22	39.5	8.4	152	1.16	0.59	217	7.9

1255	FM 960B2R	1047	3.93	40.1	8.4	133	1.14	0.55	193	6.0
1224	DP 555 R/R	1031	2.82	37.9	6.2	111	1.06	0.52	168	7.2
1277	FM 989RR	978	4.58	39.5	9.3	136	1.10	0.55	198	7.4
1278	NM 03K1028	964	3.30	37.7	8.3	148	1.13	0.58	210	9.3
1280	NM 03S1065	884	3.80	38.7	8.5	144	1.13	0.58	236	8.0

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
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1196	STV 4892 BR	4.50	1.00	82.0	30.0	6.9	75.0	9.1	4.70	1827	20.08	3.46
1279	NM 03K1155	3.45	1.10	82.2	32.5	6.9	76.5	7.7	3.55	2090	22.32	3.55
1214	PM 2167 RR	4.75	1.00	80.8	28.0	6.9	72.5	8.3	4.80	1825	22.62	3.85
1166	PHYTOGEN 72	4.15	1.10	82.0	34.0	7.3	74.0	8.6	4.25	1593	22.75	3.70
1128	ACALA 1517-99	3.40	1.10	82.5	34.5	6.9	76.5	8.4	3.45	1637	22.30	3.49
1255	FM 960B2R	3.55	1.10	81.6	33.0	5.9	78.5	8.0	3.80	1572	21.47	3.27
1224	DP 555 R/R	4.05	1.00	80.6	28.0	6.1	77.5	8.3	4.25	1766	17.27	3.56
1277	FM 989RR	4.05	1.10	81.8	32.0	6.6	80.0	7.9	4.10	1569	22.19	3.22
1278	NM 03K1028	3.50	1.10	82.2	33.5	7.0	77.5	7.8	3.50	1525	20.88	3.61
1280	NM 03S1065	3.85	1.10	82.6	34.0	6.8	75.5	8.1	3.90	1446	22.41	3.64

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
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1196	STV 4892 BR	1.03	0.72	1.75	450	37.0	1.90	78	52.99	4.56	2.7
1279	NM 03K1155	0.88	0.55	1.42
1214	PM 2167 RR	0.81	0.46	1.26	425	33.0	1.82	81	53.72	4.89	2.8
1166	PHYTOGEN 72	0.76	0.53	1.28	460	24.8	1.66	88	45.16	3.80	2.7
1128	ACALA 1517-99	0.76	0.53	1.29	.	.	.	.	.	.	.
1255	FM 960B2R	0.76	0.55	1.31	502	39.5	1.95	76	48.56	3.74	2.4
1224	DP 555 R/R	0.70	0.50	1.20	467	33.0	1.82	81	48.93	4.06	2.6
1277	FM 989RR	0.73	0.57	1.30	.	.	.	.	.	.	.
1278	NM 03K1028	0.78	0.50	1.29	.	.	.	.	.	.	.
1280	NM 03S1065	0.80	0.55	1.35	.	.	.	.	.	.	.

BOLL SIZE, GRAM PER BOLL	
STV 4892 BR	4.91
FM 989RR	4.58
FM 960B2R	3.93
NM 03S1065	3.80
NM 03K1155	3.67
PHYTOGEN 72	3.55
PM 2167 RR	3.38
NM 03K1028	3.30
ACALA 1517-99	3.22
DP 555 R/R	2.82

LINT PERCENT	
PHYTOGEN 72	41.2
STV 4892 BR	40.7
PM 2167 RR	40.2
FM 960B2R	40.1
FM 989RR	39.5
ACALA 1517-99	39.5
NM 03S1065	38.7
DP 555 R/R	37.9
NM 03K1028	37.7
NM 03K1155	37.6

SEED INDEX	
FM 989RR	9.3
PHYTOGEN 72	8.6
NM 03S1065	8.5
FM 960B2R	8.4
ACALA 1517-99	8.4
NM 03K1028	8.3
STV 4892 BR	8.3
PM 2167 RR	8.0
NM 03K1155	7.3
DP 555 R/R	6.2

2.5% S.L. (INCHES)	
FM 989RR	1.10
PHYTOGEN 72	1.10
NM 03S1065	1.10
FM 960B2R	1.10
ACALA 1517-99	1.10
NM 03K1028	1.10
NM 03K1155	1.10
STV 4892 BR	1.00
PM 2167 RR	1.00
DP 555 R/R	1.00

UR (PERCENT)	
NM 03S1065	82.6
ACALA 1517-99	82.5
NM 03K1155	82.2
NM 03K1028	82.2
PHYTOGEN 72	82.0
STV 4892 BR	82.0
FM 989RR	81.8
FM 960B2R	81.6
PM 2167 RR	80.8
DP 555 R/R	80.6

STRENGTH (G/TEX)	
ACALA 1517-99	34.5
NM 03S1065	34.0
PHYTOGEN 72	34.0
NM 03K1028	33.5
FM 960B2R	33.0
NM 03K1155	32.5
FM 989RR	32.0
STV 4892 BR	30.0
PM 2167 RR	28.0
DP 555 R/R	28.0

E	
PHYTOGEN 72	7.3
NM 03K1028	7.0
ACALA 1517-99	6.9
NM 03K1155	6.9

MICRONAIRE (SL-HVI)	
PM 2167 RR	4.80
STV 4892 BR	4.70
PHYTOGEN 72	4.25
DP 555 R/R	4.25

COLORIMETER - Rd	
FM 989RR	80.0
FM 960B2R	78.5
DP 555 R/R	77.5
NM 03K1028	77.5

STV 4892 BR	6.9	FM 989RR	4.10	NM 03K1155	76.5
PM 2167 RR	6.9	NM 03S1065	3.90	ACALA 1517-99	76.5
NM 03S1065	6.8	FM 960B2R	3.80	NM 03S1065	75.5
FM 989RR	6.6	NM 03K1155	3.55	STV 4892 BR	75.0
DP 555 R/R	6.1	NM 03K1028	3.50	PHYTOGEN 72	74.0
FM 960B2R	5.9	ACALA 1517-99	3.45	PM 2167 RR	72.5

 COLORIMETER - b

STV 4892 BR	9.1
PHYTOGEN 72	8.6
ACALA 1517-99	8.4
DP 555 R/R	8.3
PM 2167 RR	8.3
NM 03S1065	8.1
FM 960B2R	8.0
FM 989RR	7.9
NM 03K1028	7.8
NM 03K1155	7.7

 MICRONAIRE

PM 2167 RR	4.75
STV 4892 BR	4.50
PHYTOGEN 72	4.15
DP 555 R/R	4.05
FM 989RR	4.05
NM 03S1065	3.85
FM 960B2R	3.55
NM 03K1028	3.50
NM 03K1155	3.45
ACALA 1517-99	3.40

 STELOMETER - E1

NM 03K1155	9.9
PHYTOGEN 72	9.3
NM 03K1028	9.3
STV 4892 BR	8.3
NM 03S1065	8.0
ACALA 1517-99	7.9
PM 2167 RR	7.6
FM 989RR	7.4
DP 555 R/R	7.2
FM 960B2R	6.0

 STELOMETER - T1

NM 03S1065	236
NM 03K1155	235
PHYTOGEN 72	227
ACALA 1517-99	217
NM 03K1028	210
FM 989RR	198
FM 960B2R	193
PM 2167 RR	176
STV 4892 BR	173
DP 555 R/R	168

 FIBROGRAPH--50% S.L.

ACALA 1517-99	0.59
NM 03S1065	0.58
NM 03K1028	0.58
NM 03K1155	0.57
PHYTOGEN 72	0.57
FM 989RR	0.55
FM 960B2R	0.55
STV 4892 BR	0.55
PM 2167 RR	0.53
DP 555 R/R	0.52

 FIBROGRAPH--2.5% SL

NM 03K1155	1.16
ACALA 1517-99	1.16
FM 960B2R	1.14
NM 03S1065	1.13
NM 03K1028	1.13
PHYTOGEN 72	1.11
FM 989RR	1.10
STV 4892 BR	1.07
DP 555 R/R	1.06
PM 2167 RR	0.99

 YARN TENACITY

ACALA 1517-99	152
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 AREALOMETER - A (mm²/mm³)

FM 960B2R	502
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 AREALOMETER - D (mm²)

FM 960B2R	39.5
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NM 03K1028	148	DP 555 R/R	467	STV 4892 BR	37.0
PHYTOGEN 72	145	PHYTOGEN 72	460	DP 555 R/R	33.0
NM 03S1065	144	STV 4892 BR	450	PM 2167 RR	33.0
NM 03K1155	137	PM 2167 RR	425	PHYTOGEN 72	24.8
FM 989RR	136	ACALA 1517-99	.	ACALA 1517-99	.
FM 960B2R	133	NM 03K1028	.	NM 03K1028	.
STV 4892 BR	120	NM 03S1065	.	NM 03S1065	.
PM 2167 RR	114	NM 03K1155	.	NM 03K1155	.
DP 555 R/R	111	FM 989RR	.	FM 989RR	.

AREALOMETER - I

FM 960B2R	1.95
STV 4892 BR	1.90
DP 555 R/R	1.82
PM 2167 RR	1.82
PHYTOGEN 72	1.66
ACALA 1517-99	.
NM 03K1028	.
NM 03S1065	.
NM 03K1155	.
FM 989RR	.

AREALOMETER - M (PERCENT)

PHYTOGEN 72	88
DP 555 R/R	81
PM 2167 RR	81
STV 4892 BR	78
FM 960B2R	76
ACALA 1517-99	.
NM 03K1028	.
NM 03S1065	.
NM 03K1155	.
FM 989RR	.

AREALOMETER - p (Microns)

PM 2167 RR	53.7
STV 4892 BR	52.9
DP 555 R/R	48.9
FM 960B2R	48.5
PHYTOGEN 72	45.1
ACALA 1517-99	.
NM 03K1028	.
NM 03S1065	.
NM 03K1155	.
FM 989RR	.

AREALOMETER - w (MG/INCH)

PM 2167 RR	4.89
STV 4892 BR	4.56
DP 555 R/R	4.06
PHYTOGEN 72	3.80
FM 960B2R	3.74
ACALA 1517-99	.
NM 03K1028	.
NM 03S1065	.
NM 03K1155	.
FM 989RR	.

AREALOMETER - t (MICRONS)

PM 2167 RR	2.8
STV 4892 BR	2.7
PHYTOGEN 72	2.7
DP 555 R/R	2.6
FM 960B2R	2.4
ACALA 1517-99	.
NM 03K1028	.
NM 03S1065	.
NM 03K1155	.
FM 989RR	.

SEED YIELD (LB/ACRE)

NM 03K1155	2090
STV 4892 BR	1827
PM 2167 RR	1825
DP 555 R/R	1766
ACALA 1517-99	1637
PHYTOGEN 72	1593
FM 960B2R	1572
FM 989RR	1569
NM 03K1028	1525
NM 03S1065	1446

OIL (PERCENT)		NITROGEN (PERCENT)		PLUS GOSSYPOL	
PHYTOGEN 72	22.75	PM 2167 RR	3.85	STV 4892 BR	1.03
PM 2167 RR	22.62	PHYTOGEN 72	3.70	NM 03K1155	0.88
NM 03S1065	22.41	NM 03S1065	3.64	PM 2167 RR	0.81
NM 03K1155	22.32	NM 03K1028	3.61	NM 03S1065	0.80
ACALA 1517-99	22.30	DP 555 R/R	3.56	NM 03K1028	0.78
FM 989RR	22.19	NM 03K1155	3.55	PHYTOGEN 72	0.76
FM 960B2R	21.47	ACALA 1517-99	3.49	ACALA 1517-99	0.76
NM 03K1028	20.88	STV 4892 BR	3.46	FM 960B2R	0.76
STV 4892 BR	20.08	FM 960B2R	3.27	FM 989RR	0.73
DP 555 R/R	17.27	FM 989RR	3.22	DP 555 R/R	0.70

MINUS GOSSYPOL		TOTAL GOSSYPOL (PERCENT)	
STV 4892 BR	0.72	STV 4892 BR	1.75
FM 989RR	0.57	NM 03K1155	1.42
FM 960B2R	0.55	NM 03S1065	1.35
NM 03K1155	0.55	FM 960B2R	1.31
NM 03S1065	0.55	FM 989RR	1.30
PHYTOGEN 72	0.53	ACALA 1517-99	1.29
ACALA 1517-99	0.53	NM 03K1028	1.29
NM 03K1028	0.50	PHYTOGEN 72	1.28
DP 555 R/R	0.50	PM 2167 RR	1.26
PM 2167 RR	0.46	DP 555 R/R	1.20

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)	(%)
PECOS, TX (IRR)	1066	3.71	39.3	8.1	134	1.10	0.56	203	8.1

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

LOCATION	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	MICRO-NAIRE b (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)	
PECOS, TX (IRR)	3.93	1.07	81.8	32.0	6.7	76.4	8.2	4.03	1685	21.43	3.53

---GOSSYPOL LEVELS---

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

LOCATION	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
PECOS, TX (IRR)	0.80	0.54	1.34	461	33.5	1.83	81	49.87	4.21	2.6

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 (%)
1196	STV 4892 BR	1236	4.91	40.7	8.3	120	1.07	0.55	173	8.3
1279	NM 03K1155	1186	3.67	37.6	7.3	137	1.16	0.57	235	9.9
1214	PM 2167 RR	1134	3.38	40.2	8.0	114	0.99	0.53	176	7.6
1166	PHYTOGEN 72	1119	3.55	41.2	8.6	145	1.11	0.57	227	9.3
1128	ACALA 1517-99	1080	3.22	39.5	8.4	152	1.16	0.59	217	7.9
1255	FM 960B2R	1047	3.93	40.1	8.4	133	1.14	0.55	193	6.0
1224	DP 555 R/R	1031	2.82	37.9	6.2	111	1.06	0.52	168	7.2
1277	FM 989RR	978	4.58	39.5	9.3	136	1.10	0.55	198	7.4
1278	NM 03K1028	964	3.30	37.7	8.3	148	1.13	0.58	210	9.3
1280	NM 03S1065	884	3.80	38.7	8.5	144	1.13	0.58	236	8.0
.	LSD	114	1.73	6.2	1.6	7	0.04	0.03	20	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		MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
							HUNTER'S Rd	b				
1196	STV 4892 BR	4.50	1.00	82.0	30.0	6.9	75.0	9.1	4.70	1827	20.08	3.46
1279	NM 03K1155	3.45	1.10	82.2	32.5	6.9	76.5	7.7	3.55	2090	22.32	3.55
1214	PM 2167 RR	4.75	1.00	80.8	28.0	6.9	72.5	8.3	4.80	1825	22.62	3.85
1166	PHYTOGEN 72	4.15	1.10	82.0	34.0	7.3	74.0	8.6	4.25	1593	22.75	3.70
1128	ACALA 1517-99	3.40	1.10	82.5	34.5	6.9	76.5	8.4	3.45	1637	22.30	3.49
1255	FM 960B2R	3.55	1.10	81.6	33.0	5.9	78.5	8.0	3.80	1572	21.47	3.27
1224	DP 555 R/R	4.05	1.00	80.6	28.0	6.1	77.5	8.3	4.25	1766	17.27	3.56
1277	FM 989RR	4.05	1.10	81.8	32.0	6.6	80.0	7.9	4.10	1569	22.19	3.22
1278	NM 03K1028	3.50	1.10	82.2	33.5	7.0	77.5	7.8	3.50	1525	20.88	3.61
1280	NM 03S1065	3.85	1.10	82.6	34.0	6.8	75.5	8.1	3.90	1446	22.41	3.64
.	LSD	0.45	.	1.4	2.0	0.4	2.6	0.8	0.42	707	1.31	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)
1196	STV 4892 BR	1.03	0.72	1.75	450	37.0	1.90	78	52.99	4.56	2.7
1279	NM 03K1155	0.88	0.55	1.42	.	.	.	.	.	.	.
1214	PM 2167 RR	0.81	0.46	1.26	425	33.0	1.82	81	53.72	4.89	2.8
1166	PHYTOGEN 72	0.76	0.53	1.28	460	24.8	1.66	88	45.16	3.80	2.7
1128	ACALA 1517-99	0.76	0.53	1.29	.	.	.	.	.	.	.
1255	FM 960B2R	0.76	0.55	1.31	502	39.5	1.95	76	48.56	3.74	2.4
1224	DP 555 R/R	0.70	0.50	1.20	467	33.0	1.82	81	48.93	4.06	2.6
1277	FM 989RR	0.73	0.57	1.30	.	.	.	.	.	.	.
1278	NM 03K1028	0.78	0.50	1.29	.	.	.	.	.	.	.
1280	NM 03S1065	0.80	0.55	1.35	.	.	.	.	.	.	.
.	LSD	0.08	0.08	0.14	36.1	13.1	0.25	10	4.36	0.38	0.3



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



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2007 National Cotton Variety Test



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National Cotton Variety Tests, 2007
 Yield, Boll, Seed, Spinning and Data

2007 PIMA 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 (%)
1298	PHY 410R	899	4.09	40.0	9.2	136	1.10	0.57	225	5.9
1201	DPL 491	716	.	.	.	.	.	.	.	.
1214	PM 2167 RR	646	4.30	37.0	9.5	116	0.99	0.56	211	6.0
1255	FM 960B2R	572	4.70	39.5	10.6	137	1.09	0.54	222	4.8

1166	PHYTOGEN 72	556	4.29	37.0	10.1	157	1.16	0.61	264	8.0
1224	DP 555 R/R	417	3.67	42.0	7.5	111	1.04	0.54	202	5.9
1196	STV 4892 BR	362	4.33	41.5	10.5	123	1.07	0.58	205	6.8

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 Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1298	PHY 410R	5.00	1.10	81.8	35.0	6.6	71.5	7.6	4.95	1349	19.31	3.97
1201	DPL 491	.	.	.	.	.	.	.	.	.	.	.
1214	PM 2167 RR	5.25	1.00	83.3	33.0	6.7	68.5	6.8	5.10	1077	20.78	4.32
1255	FM 960B2R	4.80	1.10	82.6	33.5	6.2	71.5	6.8	4.70	873	21.13	3.96
1166	PHYTOGEN 72	4.40	1.10	81.9	37.5	7.0	70.0	7.9	4.35	946	19.23	4.03
1224	DP 555 R/R	4.80	1.10	82.5	32.0	6.0	71.5	6.3	4.70	575	17.22	4.14
1196	STV 4892 BR	5.35	1.10	83.7	33.5	7.2	69.0	7.4	5.25	508	18.83	4.06

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1298	PHY 410R	0.80	0.64	1.43	.	.	.	.	.	.	.
1201	DPL 491	.	.	.	.	.	.	.	.	.	.
1214	PM 2167 RR	0.78	0.40	1.17	401	20.0	1.55	92	48.45	4.67	3.2
1255	FM 960B2R	0.70	0.52	1.21	418	19.0	1.53	92	45.78	4.23	3.1
1166	PHYTOGEN 72	0.66	0.46	1.12	435	19.5	1.54	92	44.39	3.94	2.9
1224	DP 555 R/R	0.64	0.43	1.06	419	18.0	1.51	93	45.05	4.16	3.0
1196	STV 4892 BR	0.91	0.59	1.49	392	19.5	1.54	92	49.37	4.88	3.3

INDIVIDUAL COMPONENT DATA

BOLL SIZE, GRAM PER BOLL		LINT PERCENT		SEED INDEX	
DP 353	3.15	DP 353	40.0	PHY 800	12.9
PHY 800	3.12	DPL 744	40.0	DPL 744	12.2
DPL 744	3.12	COBALT	40.0	DP 353	12.1
COBALT	2.88	PIMA S-7	40.0	PIMA S-7	11.9
PIMA S-7	2.72	PHY 800	35.0	COBALT	11.8
2.5% S.L. (INCHES)		UR (PERCENT)		STRENGTH (G/TE)	
PHY 800	1.40	DPL 744	91.4	PHY 800	48.5
DPL 744	1.40	PHY 800	91.0	PIMA S-7	48.5
DP 353	1.40	COBALT	91.0	DPL 744	47.5
PIMA S-7	1.40	PIMA S-7	90.3	COBALT	47.0
COBALT	1.40	DP 353	89.8	DP 353	47.0
E		MICRONAIRE (SL-HVI)		COLORIMETER - Rd	
PIMA S-7	7.8	PIMA S-7	4.40	DPL 744	73.5
COBALT	7.6	DPL 744	4.20	DP 353	72.0
DP 353	7.3	DP 353	4.20	PHY 800	71.5
DPL 744	7.3	COBALT	4.10	COBALT	69.5
PHY 800	7.1	PHY 800	3.85	PIMA S-7	67.5
COLORIMETER - b		MICRONAIRE		STELOMETER - E1	

COBALT	11.5
PHY 800	11.0
PIMA S-7	11.0
DP 353	10.5
DPL 744	10.0

PIMA S-7	4.40
COBALT	4.25
DP 353	4.25
DPL 744	4.25
PHY 800	3.90

PIMA S-7	5.9
PHY 800	5.6
DPL 744	5.4
COBALT	5.2
DP 353	4.9

 STELOMETER - T1

 FIBROGRAPH--50% S.L.

 FIBROGRAPH--2.5% S

DPL 744	351
PIMA S-7	328
COBALT	303
PHY 800	297
DP 353	287

PHY 800	0.74
COBALT	0.73
DPL 744	0.72
PIMA S-7	0.69
DP 353	0.69

DPL 744	1.44
COBALT	1.43
PHY 800	1.42
DP 353	1.39
PIMA S-7	1.38

 YARN TENACITY

 AREALOMETER - A (mm2/mm3)

 AREALOMETER - D (mm2)

DPL 744	197
PHY 800	195
PIMA S-7	194
DP 353	188
COBALT	188

PIMA S-7	460
DPL 744	.
PHY 800	.
DP 353	.
COBALT	.

PIMA S-7	14.8
DPL 744	.
PHY 800	.
DP 353	.
COBALT	.

 AREALOMETER - I

 AREALOMETER - M (PERCENT)

 AREALOMETER - p (Mic

PIMA S-7	1.43
DPL 744	.
PHY 800	.
DP 353	.
COBALT	.

PIMA S-7	96
DPL 744	.
PHY 800	.
DP 353	.
COBALT	.

PIMA S-7	38.94
DPL 744	.
PHY 800	.
DP 353	.
COBALT	.

 AREALOMETER - w (MG/INCH)

VARIETY	w
PIMA S-7	3.27
DPL 744	.
PHY 800	.
DP 353	.
COBALT	.

 AREALOMETER - t (MICRONS)

VARIETY	t
PIMA S-7	2.8
DPL 744	.
PHY 800	.
DP 353	.
COBALT	.

 SEED YIELD (LB/ACR)

VARIETY	SEED YIE (LB/AC)
PHY 800	2744
DP 353	2577
COBALT	2522
PIMA S-7	2428
DPL 744	2350

 OIL (PERCENT)

COBALT	24.68
DP 353	24.03
PIMA S-7	23.58
DPL 744	23.17
PHY 800	23.12

 NITROGEN (PERCENT)

DPL 744	4.19
PHY 800	3.99
COBALT	3.95
DP 353	3.91
PIMA S-7	3.85

 PLUS GOSSYPOL

DPL 744	0.73
COBALT	0.70
PIMA S-7	0.59
PHY 800	0.56
DP 353	0.56

 MINUS GOSSYPOL

COBALT	0.78
DPL 744	0.75
DP 353	0.69
PIMA S-7	0.68
PHY 800	0.60

 TOTAL GOSSYPOL (PERCENT)

DPL 744	1.48
COBALT	1.47
PIMA S-7	1.27
DP 353	1.25
PHY 800	1.16

 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)	(%)
MARICOPA, AZ	1601	3.00	39.0	12.2	192	1.41	0.71	313	5.4

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

LOCATION	MICRO-	2.5%	UNIFO-	STRE-	E	COLORIMETER	MICRO-	SEED	OIL	NITR	
	NAIRE	S.L.	MITY	NGTH		HUNTER'S	NAIRE	YIELD		OGEN	
	(reading)	(in.)	(%)	(g/tex)		Rd	b (Reading)	(lb/ac)	(%)	(%)	
MARICOPA, AZ	4.21	1.40	90.7	47.7	7.4	70.8	10.8	4.15	2524	23.71	3.98

---GOSSYPOL LEVELS---

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

LOCATION	PLUS	MINUS	TOTAL	A	D	I	M	p	w	t
	(+)	(-)	(%)	---(mm2/mm3)---			(%)	(microns)	(mg/in)	(microns)
MARICOPA, AZ	0.63	0.70	1.32	460	14.8	1.43	96	38.94	3.27	2.8

LOCATION=MARICOPA, AZ

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 (%)
1341	DP 353	1718	3.15	40.0	12.1	188	1.39	0.69	287	4.9
1300	COBALT	1682	2.88	40.0	11.8	188	1.43	0.73	303	5.2
615	PIMA S-7	1619	2.72	40.0	11.9	194	1.38	0.69	328	5.9
1182	DPL 744	1567	3.12	40.0	12.2	197	1.44	0.72	351	5.4
1273	PHY 800	1421	3.12	35.0	12.9	195	1.42	0.74	297	5.6
.	LSD	116	0.14	4.0	0.4	9	0.02	0.05	19	1.6

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

VARIETY CODE	VARIETY NAME	MICRO-	SL-HVI	UNIFO-	STRE-	COLORIMETER			MICRO-	SEED	OIL (%)	NITR OGEN (%)
		NAIRE (reading)	2.5% S.L. (in.)	MITY (%)	NGTH (g/tex)	HUNTER'S E	Rd	HUNTER'S b	NAIRE (Reading)	YIELD (lb/ac)		
1341	DP 353	4.25	1.40	89.8	47.0	7.3	72.0	10.5	4.20	2577	24.03	3.91
1300	COBALT	4.25	1.40	91.0	47.0	7.6	69.5	11.5	4.10	2522	24.68	3.95
615	PIMA S-7	4.40	1.40	90.3	48.5	7.8	67.5	11.0	4.40	2428	23.58	3.85
1182	DPL 744	4.25	1.40	91.4	47.5	7.3	73.5	10.0	4.20	2350	23.17	4.19
1273	PHY 800	3.90	1.40	91.0	48.5	7.1	71.5	11.0	3.85	2744	23.12	3.99
.	LSD	0.42	.	2.1	3.4	0.8	3.5	1.1	0.18	570	1.45	0.25

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	M	p	w	t	
1341	DP 353	0.56	0.69	1.25	.	.	.	.	.	.	.
1300	COBALT	0.70	0.78	1.47	.	.	.	.	.	.	.
615	PIMA S-7	0.59	0.68	1.27	460	14.8	1.43	96	38.94	3.27	2.8
1182	DPL 744	0.73	0.75	1.48

1273	PHY 800	0.56	0.60	1.16
.	LSD	0.05	0.05	0.10

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National Cotton Variety Tests, 2007
Yield, Boll, Seed, Spinning and Data

2007 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETIES COMBINING LOCATIONS; INCLUDING BOTH SUB REGIONS

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 (%)
1196	STV 4892 BR	1182	5.04	41.2	9.4	122	1.09	0.56	191	7.2
1224	DP 555 R/R	1175	4.72	42.7	8.2	120	1.09	0.53	190	6.1
1330	AR 9803-23-08	1158	5.33	41.5	9.7	136	1.19	0.59	214	8.1
1329	AR 9704-13-08	1150	5.42	41.6	10.6	116	1.11	0.56	196	6.8
1328	AR 9704-13-05	1148	5.52	40.9	10.1	122	1.09	0.56	201	6.6
1331	CD 48	1111	4.79	40.3	9.4	126	1.17	0.57	201	5.8
1306	CS 45	1103	4.80	38.4	9.2	124	1.13	0.56	210	7.8
1303	CS 37	1100	4.85	38.7	9.3	125	1.12	0.56	208	7.6
1255	FM 960B2R	1100	5.34	39.2	10.2	135	1.14	0.55	209	5.6
1337	JAJO 3007	1065	5.28	40.8	9.5	127	1.13	0.59	206	8.1
1338	JAJO 3077	1056	4.99	43.1	8.8	125	1.13	0.56	211	6.9
1336	DPL 164BG2RF	1010	5.01	37.8	9.1	124	1.15	0.56	197	6.4
1334	DPL 143BG2RF	1010	5.05	38.1	9.2	121	1.17	0.56	198	6.7

1335	DPL 161BG2RF	999	4.79	38.9	9.1	128	1.16	0.58	204	6.6
1309	FM 9063B2F	997	5.47	38.7	10.6	134	1.16	0.57	210	6.6
1333	DPL 141BG2RF	994	4.76	39.5	8.9	122	1.15	0.56	198	7.1
1166	PHYTOGEN 72	993	5.16	38.9	9.9	147	1.18	0.60	232	7.6
1332	CS 53	979	4.62	37.8	10.1	121	1.13	0.57	196	7.9
1343	NM 03S1023	931	4.77	35.1	9.6	155	1.16	0.60	254	6.8
1339	NM 03N1168	919	5.05	36.1	10.1	150	1.22	0.61	238	6.6
1342	NM 03K1001	893	4.69	38.6	9.9	153	1.17	0.60	240	6.5
1340	TAM 01E-22	819	5.11	35.9	11.4	141	1.21	0.60	226	5.7
.	LSD	167	0.33	1.7	0.6	5	0.02	0.01	11	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	MICRO-NAIRE (Reading) b	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)	
1196	STV 4892 BR	4.53	1.08	82.9	29.1	6.8	69.1	8.6	4.49	1576	18.20	3.78
1224	DP 555 R/R	4.28	1.10	82.0	28.6	6.1	71.8	7.5	4.31	1581	16.40	3.92
1330	AR 9803-23-08	4.04	1.20	83.9	30.9	7.2	70.2	8.0	4.12	1637	19.44	3.82
1329	AR 9704-13-08	4.69	1.13	83.0	29.2	6.8	71.3	8.5	4.67	1502	19.18	3.81
1328	AR 9704-13-05	4.61	1.09	83.0	29.7	6.7	70.1	8.1	4.58	1631	18.75	3.71
1331	CD 48	4.49	1.18	83.0	30.4	6.4	69.4	8.6	4.44	1573	18.72	3.65
1306	CS 45	4.16	1.16	82.9	30.8	6.8	71.3	8.2	4.15	1781	20.78	3.70
1303	CS 37	4.19	1.14	82.5	30.2	6.7	72.1	8.1	4.19	1735	21.15	3.69
1255	FM 960B2R	4.09	1.17	82.7	31.5	6.2	70.5	7.7	4.09	1647	20.10	3.76
1337	JAJO 3007	4.17	1.14	83.7	31.1	7.4	69.3	9.3	4.21	1403	19.15	3.77
1338	JAJO 3077	4.73	1.15	82.6	32.7	7.0	70.5	8.6	4.74	1251	16.28	3.78
1336	DPL 164BG2RF	4.15	1.16	82.9	28.8	6.5	70.9	7.6	4.21	1560	17.21	3.51
1334	DPL 143BG2RF	3.91	1.18	82.4	28.4	6.4	70.0	7.9	3.98	1619	19.10	3.55
1335	DPL 161BG2RF	4.40	1.16	83.3	30.3	6.8	70.4	7.8	4.41	1461	17.30	3.64
1309	FM 9063B2F	4.09	1.18	83.1	31.1	6.5	72.1	7.7	4.16	1449	20.52	3.51
1333	DPL 141BG2RF	4.05	1.16	82.5	29.0	6.6	69.5	8.1	4.20	1418	17.32	3.52
1166	PHYTOGEN 72	4.21	1.18	84.0	33.1	7.1	68.9	8.6	4.26	1441	19.53	3.85
1332	CS 53	4.40	1.14	83.6	28.6	7.0	70.3	7.9	4.41	1501	19.87	3.60
1343	NM 03S1023	3.73	1.20	83.9	35.4	6.9	69.0	8.1	3.81	1710	19.08	3.67
1339	NM 03N1168	3.59	1.24	84.4	31.6	6.6	69.7	8.0	3.68	1398	21.58	3.72
1342	NM 03K1001	4.01	1.18	83.8	35.8	6.9	68.4	8.2	4.06	1305	19.62	3.63
1340	TAM 01E-22	4.00	1.22	83.3	34.2	6.4	69.4	8.4	4.05	1410	19.75	3.73
.	LSD	0.24	0.03	0.7	1.5	0.3	1.3	0.4	0.22	305	0.93	0.14

---GOSSYPOL LEVELS---

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

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

1196	STV 4892 BR	0.86	0.57	1.43	452	34.8	1.83	80	51.08	4.49	2.8
1224	DP 555 R/R	0.58	0.40	0.98	467	31.2	1.76	84	47.02	3.97	2.7
1330	AR 9803-23-08	0.61	0.40	1.01	478	31.2	1.77	83	46.53	3.81	2.6
1329	AR 9704-13-08	0.66	0.53	1.19	436	28.6	1.72	85	49.40	4.43	2.9
1328	AR 9704-13-05	0.66	0.49	1.15	439	27.3	1.69	86	48.29	4.30	2.9
1331	CD 48	0.71	0.51	1.22	453	30.4	1.76	83	48.77	4.21	2.7
1306	CS 45	0.79	0.43	1.21	471	36.0	1.86	79	49.52	4.14	2.6
1303	CS 37	0.79	0.42	1.21	477	37.6	1.88	79	49.61	4.10	2.6
1255	FM 960B2R	0.62	0.44	1.07	478	36.0	1.85	80	48.50	4.03	2.6
1337	JAJ0 3007	0.75	0.46	1.20	474	42.0	1.97	75	52.30	4.36	2.6
1338	JAJ0 3077	0.63	0.49	1.08	437	26.3	1.66	87	47.79	4.31	2.9
1336	DPL 164BG2RF	0.56	0.37	0.93	479	34.6	1.83	81	48.15	3.99	2.6
1334	DPL 143BG2RF	0.83	0.70	1.53	494	36.9	1.87	79	47.71	3.82	2.5
1335	DPL 161BG2RF	0.54	0.37	0.91	454	30.4	1.75	84	48.58	4.21	2.8
1309	FM 9063B2F	0.61	0.47	1.08	475	30.3	1.75	84	46.45	3.87	2.6
1333	DPL 141BG2RF	0.71	0.55	1.26	479	35.7	1.85	80	48.71	4.00	2.6
1166	PHYTOGEN 72	0.61	0.44	1.04	466	27.1	1.69	86	45.52	3.83	2.7
1332	CS 53	0.87	0.54	1.41	449	30.8	1.77	83	49.40	4.30	2.7
1343	NM 03S1023	0.61	0.42	1.02	513	34.2	1.82	81	44.59	3.42	2.4
1339	NM 03N1168	0.72	0.44	1.16	508	29.5	1.74	84	42.92	3.28	2.4
1342	NM 03K1001	0.60	0.42	1.02	479	29.1	1.71	85	44.76	3.67	2.7
1340	TAM 01E-22	0.77	0.52	1.29	483	34.4	1.83	80	47.70	3.88	2.5
.	LSD	0.07	0.06	0.11	20.1	5.1	0.09	4	1.47	0.20	0.1

HIGH QUALITY REGION INCLUDING KEISER, AR; BOSSIER CITY. AL; LUBBOCK, TX; STONEVILLE, MS;
PORTAGEVILLE, MO; COLLEGE STATION, TX; AND LAS CRUCES, NM

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 (%)
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1196	STV 4892 BR	1363	5.25	41.7	9.8	125	1.10	0.57	198	7.4
1224	DP 555 R/R	1349	4.83	43.5	8.5	123	1.10	0.54	192	6.2
1330	AR 9803-23-08	1301	5.48	41.6	10.0	136	1.20	0.60	213	8.1
1328	AR 9704-13-05	1282	5.69	41.0	10.5	123	1.09	0.56	201	6.6
1329	AR 9704-13-08	1279	5.59	41.6	10.9	118	1.12	0.57	196	6.9

1306	CS 45	1269	5.01	38.7	9.6	124	1.13	0.57	210	7.8
1255	FM 960B2R	1259	5.53	39.8	10.5	137	1.15	0.56	215	5.6
1331	CD 48	1259	4.86	40.7	9.7	128	1.17	0.58	206	5.8
1303	CS 37	1257	5.01	39.1	9.7	126	1.13	0.57	206	7.7
1338	JAJO 3077	1218	5.10	43.9	9.2	127	1.15	0.57	211	6.9
1337	JAJO 3007	1211	5.48	41.5	9.9	127	1.14	0.60	206	8.3
1336	DPL 164BG2RF	1161	5.24	38.4	9.4	127	1.16	0.57	201	6.6
1334	DPL 143BG2RF	1155	5.28	38.5	9.4	125	1.18	0.57	203	6.8
1335	DPL 161BG2RF	1147	5.00	38.9	9.4	133	1.17	0.59	209	7.0
1309	FM 9063B2F	1130	5.72	39.1	11.1	136	1.17	0.58	211	6.8
1333	DPL 141BG2RF	1130	4.91	39.5	9.3	127	1.18	0.57	205	7.2
1166	PHYTOGEN 72	1129	5.38	38.8	10.4	149	1.20	0.62	237	7.5
1332	CS 53	1086	4.74	38.6	10.6	122	1.13	0.58	196	7.9
1343	NM 03S1023	1078	4.82	34.9	9.7	154	1.17	0.61	253	6.9
1339	NM 03N1168	1035	5.22	36.9	10.3	151	1.23	0.62	241	6.7
1342	NM 03K1001	1007	4.85	39.1	10.3	155	1.18	0.60	239	6.7
1340	TAM 01E-22	935	5.33	36.1	11.8	143	1.21	0.60	232	5.8
.	LSD	211	0.39	2.2	0.8	5	0.03	0.02	13	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)	(%)	(%)	
1196	STV 4892 BR	4.83	1.10	83.5	30.4	7.2	68.3	8.2	4.75	1833	18.64	3.68
1224	DP 555 R/R	4.65	1.11	82.6	30.3	6.6	70.9	7.4	4.63	1831	16.76	3.81
1330	AR 9803-23-08	4.21	1.22	84.6	31.1	7.4	69.5	7.8	4.29	1871	20.19	3.77
1328	AR 9704-13-05	4.86	1.10	83.4	30.2	7.0	69.6	7.9	4.81	1847	19.51	3.65
1329	AR 9704-13-08	4.90	1.14	83.5	29.7	7.0	70.5	8.3	4.83	1677	19.89	3.74
1306	CS 45	4.47	1.17	83.4	31.1	7.0	70.9	8.0	4.44	2085	21.47	3.62
1255	FM 960B2R	4.48	1.19	83.4	33.5	6.7	69.0	7.3	4.44	1901	21.02	3.67
1331	CD 48	4.69	1.20	83.3	30.9	6.6	68.7	8.3	4.61	1792	19.28	3.56
1303	CS 37	4.43	1.15	82.9	30.9	7.0	71.4	7.9	4.41	2014	21.95	3.63
1338	JAJO 3077	4.93	1.16	83.3	32.9	7.2	70.1	8.4	4.91	1432	16.93	3.75
1337	JAJO 3007	4.48	1.16	84.2	31.4	7.8	68.8	9.1	4.49	1583	20.15	3.73
1336	DPL 164BG2RF	4.43	1.18	83.6	30.0	6.8	69.6	7.3	4.48	1804	17.61	3.41
1334	DPL 143BG2RF	4.18	1.19	83.0	29.4	6.7	68.6	7.7	4.21	1887	19.90	3.46
1335	DPL 161BG2RF	4.59	1.18	84.1	30.9	7.0	69.3	7.6	4.58	1699	17.70	3.59
1309	FM 9063B2F	4.34	1.20	83.6	31.6	6.7	71.1	7.5	4.39	1648	21.31	3.43
1333	DPL 141BG2RF	4.21	1.18	83.1	29.9	6.9	68.7	8.0	4.36	1631	17.72	3.42
1166	PHYTOGEN 72	4.50	1.20	84.8	34.0	7.4	68.3	8.4	4.53	1656	20.73	3.77
1332	CS 53	4.68	1.16	83.9	28.8	7.2	69.9	7.6	4.67	1627	20.66	3.55
1343	NM 03S1023	3.90	1.22	84.4	35.2	7.1	68.3	7.9	3.99	2047	20.13	3.64
1339	NM 03N1168	3.83	1.25	85.0	32.0	6.8	68.9	7.8	3.90	1538	22.35	3.66
1342	NM 03K1001	4.24	1.21	84.4	36.1	7.1	67.9	8.1	4.28	1459	20.42	3.57

1340 TAM 01E-22	4.24	1.24	83.8	34.5	6.6	68.7	8.1	4.29	1627	20.86	3.70
. LSD	0.25	0.03	0.8	1.3	0.2	1.4	0.4	0.22	402	1.12	0.18

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
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1196 STV 4892 BR	0.98	0.67	1.65	421	29.5	1.74	84	51.92	4.79	2.9
1224 DP 555 R/R	0.63	0.46	1.09	435	24.2	1.63	88	46.93	4.20	2.9
1330 AR 9803-23-08	0.68	0.46	1.14	459	27.5	1.71	85	46.57	3.94	2.7
1328 AR 9704-13-05	0.71	0.54	1.26	423	24.4	1.64	88	48.53	4.45	3.0
1329 AR 9704-13-08	0.71	0.59	1.29	419	25.9	1.66	87	49.69	4.60	3.0
1306 CS 45	0.83	0.45	1.29	443	30.1	1.75	83	49.66	4.34	2.8
1255 FM 960B2R	0.70	0.51	1.21	436	27.1	1.69	86	48.50	4.31	2.9
1331 CD 48	0.77	0.57	1.35	435	27.6	1.70	86	49.17	4.39	2.8
1303 CS 37	0.88	0.47	1.35	453	32.4	1.80	82	49.68	4.27	2.7
1338 JAJ0 3077	0.67	0.55	1.23	415	21.8	1.58	90	47.85	4.47	3.1
1337 JAJ0 3007	0.83	0.52	1.34	443	36.3	1.87	79	52.96	4.64	2.7
1336 DPL 164BG2RF	0.59	0.42	1.01	441	28.1	1.72	85	48.77	4.29	2.8
1334 DPL 143BG2RF	0.91	0.80	1.70	464	31.6	1.78	82	48.28	4.05	2.6
1335 DPL 161BG2RF	0.58	0.42	1.00	435	27.9	1.71	85	49.34	4.41	2.9
1309 FM 9063B2F	0.64	0.52	1.15	445	25.5	1.67	87	46.96	4.09	2.8
1333 DPL 141BG2RF	0.77	0.61	1.38	456	31.4	1.78	82	49.02	4.16	2.7
1166 PHYTOGEN 72	0.66	0.50	1.16	437	22.5	1.60	89	46.01	4.07	2.9
1332 CS 53	0.93	0.60	1.53	428	27.7	1.71	85	50.04	4.53	2.9
1343 NM 03S1023	0.67	0.45	1.12	490	30.3	1.76	83	44.91	3.56	2.5
1339 NM 03N1168	0.78	0.49	1.27	498	27.3	1.70	86	42.64	3.31	2.5
1342 NM 03K1001	0.64	0.47	1.11	451	22.9	1.60	89	44.56	3.84	2.8
1340 TAM 01E-22	0.84	0.58	1.42	458	30.4	1.76	83	48.26	4.09	2.7
. LSD	0.06	0.07	0.11	16.3	4.5	0.09	3	1.73	0.21	0.1

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

VARIETIES COMBINING LOCATIONS

VARIETY	VARIETY	LINT YIELD	BOLL SIZE	LINT	SEED	YARN TENACITY	DIGITAL 2.5% S.L.	FIBROGRAPH 50% S.L.	STELOMETER T1	E1
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CODE	NAME	(lb/acre)	(g/boll)	PERCENT	INDEX	(mN/TEX)	(inches)	(inches)	(mN/tex)	(%)
1329	AR 9704-13-08	700	4.86	41.5	9.7	111	1.08	0.54	197	6.7
1328	AR 9704-13-05	679	4.91	40.6	9.1	120	1.07	0.54	203	6.7
1330	AR 9803-23-08	658	4.83	41.1	8.9	134	1.15	0.56	216	8.4
1332	CS 53	603	4.22	35.2	8.8	120	1.10	0.56	195	7.9
1331	CD 48	593	4.55	39.1	8.6	119	1.14	0.56	185	5.9
1333	DPL 141BG2RF	588	4.30	39.3	8.1	106	1.09	0.54	179	6.6
1334	DPL 143BG2RF	574	4.36	37.1	8.7	108	1.13	0.53	181	6.6
1224	DP 555 R/R	565	4.34	40.4	7.6	113	1.07	0.51	181	5.9
1336	DPL 164BG2RF	558	4.31	36.5	8.3	115	1.10	0.52	186	6.0
1335	DPL 161BG2RF	554	4.18	38.8	8.1	112	1.10	0.55	189	5.5
1337	JAJO 3007	553	4.56	38.7	8.5	127	1.10	0.55	206	7.7
1303	CS 37	552	4.28	37.6	8.4	121	1.11	0.52	216	7.6
1196	STV 4892 BR	547	4.30	39.7	8.6	115	1.05	0.52	172	6.4
1255	FM 960B2R	542	4.66	37.6	9.4	128	1.11	0.53	194	5.7
1309	FM 9063B2F	532	4.59	37.6	9.4	126	1.13	0.55	207	6.2
1306	CS 45	523	4.03	37.3	8.2	124	1.11	0.53	212	7.8
1166	PHYTOGEN 72	518	4.39	39.3	8.4	139	1.12	0.56	218	7.7
1339	NM 03N1168	511	4.44	33.9	9.4	147	1.20	0.59	227	6.3
1342	NM 03K1001	496	4.13	37.1	8.9	147	1.13	0.57	245	5.7
1343	NM 03S1023	489	4.61	35.4	9.5	157	1.13	0.57	257	6.6
1338	JAJO 3077	488	4.62	40.8	8.0	117	1.07	0.53	212	6.6
1340	TAM 01E-22	413	4.36	35.2	10.2	138	1.18	0.58	206	5.6
.	LSD	146	0.56	1.6	0.6	15	0.05	0.03	16	1.3

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		
CODE	NAME	(reading)	(in.)	(%)	(g/tex)	Rd	b (Reading)	(lb/ac)	(%)	(%)		
1329	AR 9704-13-08	3.95	1.10	81.4	27.3	6.0	74.3	9.1	4.10	977	17.02	4.03
1328	AR 9704-13-05	3.75	1.05	81.8	28.0	6.0	71.8	8.9	3.80	983	16.49	3.91
1330	AR 9803-23-08	3.45	1.13	81.8	30.3	6.5	72.8	8.9	3.55	936	17.20	4.00
1332	CS 53	3.43	1.10	82.4	28.0	6.3	72.0	8.9	3.48	1125	17.50	3.77
1331	CD 48	3.80	1.13	81.7	28.5	5.8	72.0	9.6	3.85	918	17.03	3.91
1333	DPL 141BG2RF	3.58	1.10	80.6	26.3	5.8	72.0	8.5	3.73	884	16.33	3.76
1334	DPL 143BG2RF	3.10	1.15	80.6	25.3	5.6	74.3	8.5	3.28	947	17.10	3.77
1224	DP 555 R/R	3.18	1.08	80.0	23.3	4.7	74.3	7.7	3.35	831	15.51	4.19
1336	DPL 164BG2RF	3.30	1.10	80.7	25.3	5.5	75.0	8.6	3.38	951	16.21	3.76
1335	DPL 161BG2RF	3.83	1.10	80.8	28.5	6.1	73.5	8.7	3.93	867	16.30	3.78
1337	JAJO 3007	3.10	1.10	81.8	30.0	6.3	71.3	10.4	3.23	861	16.14	3.92
1303	CS 37	3.35	1.10	81.4	27.8	5.8	74.3	8.8	3.40	900	18.74	3.85
1196	STV 4892 BR	3.65	1.00	81.2	25.3	5.6	71.5	9.7	3.73	804	17.11	4.03
1255	FM 960B2R	2.93	1.10	80.5	25.5	4.7	75.0	8.8	3.03	883	17.81	3.99

1309	FM 9063B2F	3.25	1.13	81.3	29.5	5.7	75.5	8.5	3.35	854	18.15	3.74
1306	CS 45	3.05	1.10	81.3	30.0	6.0	72.8	8.9	3.13	870	18.73	3.93
1166	PHYTOGEN 72	3.35	1.10	81.6	30.5	6.2	70.8	9.3	3.45	794	16.54	4.04
1339	NM 03N1168	2.78	1.20	82.3	30.0	5.8	72.5	8.6	2.90	980	19.27	3.91
1342	NM 03K1001	3.18	1.10	81.5	34.5	6.3	70.3	8.7	3.30	844	17.20	3.80
1343	NM 03S1023	3.20	1.15	82.5	36.3	6.2	71.3	9.0	3.28	868	16.46	3.73
1338	JAJO 3077	4.03	1.10	80.4	32.0	6.1	72.0	9.2	4.18	708	14.31	3.86
1340	TAM 01E-22	3.15	1.15	81.3	33.3	5.6	72.0	9.6	3.20	760	16.39	3.82
.	LSD	0.64	0.03	1.2	3.6	0.7	3.0	0.9	0.60	181	1.28	0.21

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1329	AR 9704-13-08	0.51	0.37	0.88	496	38.0	1.90	78	48.41	3.86	2.5
1328	AR 9704-13-05	0.48	0.32	0.80	497	37.5	1.88	79	47.47	3.78	2.5
1330	AR 9803-23-08	0.38	0.24	0.62	545	44.0	2.01	74	46.42	3.37	2.2
1332	CS 53	0.67	0.38	1.04	523	41.4	1.97	75	47.18	3.51	2.3
1331	CD 48	0.52	0.32	0.84	518	40.3	1.95	76	47.37	3.58	2.3
1333	DPL 141BG2RF	0.58	0.40	0.98	547	48.8	2.07	72	47.79	3.52	2.3
1334	DPL 143BG2RF	0.64	0.46	1.10	586	52.6	2.14	69	46.00	3.13	2.1
1224	DP 555 R/R	0.46	0.26	0.71	566	52.0	2.14	69	47.31	3.28	2.1
1336	DPL 164BG2RF	0.49	0.25	0.74	592	53.9	2.17	68	46.27	3.11	2.1
1335	DPL 161BG2RF	0.44	0.26	0.70	512	38.0	1.88	79	46.32	3.64	2.5
1337	JAJO 3007	0.52	0.27	0.78	583	62.0	2.31	63	49.97	3.36	2.0
1303	CS 37	0.52	0.27	0.80	561	55.6	2.20	67	49.36	3.50	2.1
1196	STV 4892 BR	0.56	0.32	0.88	546	50.6	2.10	70	48.55	3.57	2.3
1255	FM 960B2R	0.44	0.27	0.71	602	62.6	2.32	62	48.49	3.19	2.0
1309	FM 9063B2F	0.51	0.33	0.84	580	47.1	2.05	72	44.69	3.09	2.1
1306	CS 45	0.65	0.35	0.99	569	56.9	2.21	66	49.03	3.42	2.1
1166	PHYTOGEN 72	0.48	0.29	0.77	553	40.9	1.95	76	44.06	3.12	2.2
1339	NM 03N1168	0.55	0.29	0.84	574	45.3	2.04	73	44.86	3.06	2.1
1342	NM 03K1001	0.47	0.28	0.75	580	50.8	2.11	70	45.46	3.08	2.1
1343	NM 03S1023	0.47	0.36	0.75	582	45.6	2.02	74	43.63	3.00	2.1
1338	JAJO 3077	0.49	0.31	0.64	516	42.0	1.95	76	47.59	3.75	2.5
1340	TAM 01E-22	0.57	0.35	0.92	572	48.5	2.09	71	45.76	3.14	2.1
.	LSD	0.13	0.11	0.19	64.4	13.8	0.24	9	2.67	0.50	0.4

INDIVIDUAL COMPONENT DATA

BOLL SIZE, GRAM PER BOLL

LINT PERCENT

SEED INDEX

AR 9704-13-05 5.52
 FM 9063B2F 5.47
 AR 9704-13-08 5.42
 FM 960B2R 5.34
 AR 9803-23-08 5.33
 JAJ0 3007 5.28
 PHYTOGEN 72 5.16
 TAM 01E-22 5.11
 DPL 143BG2RF 5.05
 NM 03N1168 5.05
 STV 4892 BR 5.04
 DPL 164BG2RF 5.01
 JAJ0 3077 4.99
 CS 37 4.85
 CS 45 4.80
 DPL 161BG2RF 4.79
 CD 48 4.79
 NM 03S1023 4.77
 DPL 141BG2RF 4.76
 DP 555 R/R 4.72
 NM 03K1001 4.69
 CS 53 4.62
 LSD 0.33

JAJ0 3077 43.1
 DP 555 R/R 42.7
 AR 9704-13-08 41.6
 AR 9803-23-08 41.5
 STV 4892 BR 41.2
 AR 9704-13-05 40.9
 JAJ0 3007 40.8
 CD 48 40.3
 DPL 141BG2RF 39.5
 FM 960B2R 39.2
 DPL 161BG2RF 38.9
 PHYTOGEN 72 38.9
 FM 9063B2F 38.7
 CS 37 38.7
 NM 03K1001 38.6
 CS 45 38.4
 DPL 143BG2RF 38.1
 DPL 164BG2RF 37.8
 CS 53 37.8
 NM 03N1168 36.1
 TAM 01E-22 35.9
 NM 03S1023 35.1
 LSD 1.7

TAM 01E-22 11.4
 FM 9063B2F 10.6
 AR 9704-13-08 10.6
 FM 960B2R 10.2
 CS 53 10.1
 AR 9704-13-05 10.1
 NM 03N1168 10.1
 NM 03K1001 9.9
 PHYTOGEN 72 9.9
 AR 9803-23-08 9.7
 NM 03S1023 9.6
 JAJ0 3007 9.5
 STV 4892 BR 9.4
 CD 48 9.4
 CS 37 9.3
 CS 45 9.2
 DPL 143BG2RF 9.2
 DPL 164BG2RF 9.1
 DPL 161BG2RF 9.1
 DPL 141BG2RF 8.9
 JAJ0 3077 8.8
 DP 555 R/R 8.2
 LSD 0.6

2.5% S.L. (INCHES)

NM 03N1168 1.24
 TAM 01E-22 1.22
 AR 9803-23-08 1.20
 NM 03S1023 1.20
 NM 03K1001 1.18
 FM 9063B2F 1.18
 CD 48 1.18
 DPL 143BG2RF 1.18
 PHYTOGEN 72 1.18
 FM 960B2R 1.17
 DPL 141BG2RF 1.16
 DPL 164BG2RF 1.16
 DPL 161BG2RF 1.16
 CS 45 1.16
 JAJ0 3077 1.15
 JAJ0 3007 1.14

UR (PERCENT)

NM 03N1168 84.4
 PHYTOGEN 72 84.0
 AR 9803-23-08 83.9
 NM 03S1023 83.9
 NM 03K1001 83.8
 JAJ0 3007 83.7
 CS 53 83.6
 DPL 161BG2RF 83.3
 TAM 01E-22 83.3
 FM 9063B2F 83.1
 AR 9704-13-08 83.0
 AR 9704-13-05 83.0
 CD 48 83.0
 CS 45 82.9
 STV 4892 BR 82.9
 DPL 164BG2RF 82.9

STRENGTH (G/TEX)

NM 03K1001 35.8
 NM 03S1023 35.4
 TAM 01E-22 34.2
 PHYTOGEN 72 33.1
 JAJ0 3077 32.7
 NM 03N1168 31.6
 FM 960B2R 31.5
 FM 9063B2F 31.1
 JAJ0 3007 31.1
 AR 9803-23-08 30.9
 CS 45 30.8
 CD 48 30.4
 DPL 161BG2RF 30.3
 CS 37 30.2
 AR 9704-13-05 29.7
 AR 9704-13-08 29.2

CS 53	1.14	FM 960B2R	82.7	STV 4892 BR	29.1
CS 37	1.14	JAJO 3077	82.6	DPL 141BG2RF	29.0
AR 9704-13-08	1.13	CS 37	82.5	DPL 164BG2RF	28.8
DP 555 R/R	1.10	DPL 141BG2RF	82.5	CS 53	28.6
AR 9704-13-05	1.09	DPL 143BG2RF	82.4	DP 555 R/R	28.6
STV 4892 BR	1.08	DP 555 R/R	82.0	DPL 143BG2RF	28.4
LSD	0.03	LSD	0.7	LSD	1.5

E

MICRONAIRE (SL-HVI)

COLORIMETER - Rd

JAJO 3007	7.4	JAJO 3077	4.74	CS 37	72.1
AR 9803-23-08	7.2	AR 9704-13-08	4.67	FM 9063B2F	72.1
PHYTOGEN 72	7.1	AR 9704-13-05	4.58	DP 555 R/R	71.8
JAJO 3077	7.0	STV 4892 BR	4.49	AR 9704-13-08	71.3
CS 53	7.0	CD 48	4.44	CS 45	71.3
NM 03K1001	6.9	DPL 161BG2RF	4.41	DPL 164BG2RF	70.9
NM 03S1023	6.9	CS 53	4.41	JAJO 3077	70.5
STV 4892 BR	6.8	DP 555 R/R	4.31	FM 960B2R	70.5
DPL 161BG2RF	6.8	PHYTOGEN 72	4.26	DPL 161BG2RF	70.4
AR 9704-13-08	6.8	DPL 164BG2RF	4.21	CS 53	70.3
CS 45	6.8	JAJO 3007	4.21	AR 9803-23-08	70.2
AR 9704-13-05	6.7	DPL 141BG2RF	4.20	AR 9704-13-05	70.1
CS 37	6.7	CS 37	4.19	DPL 143BG2RF	70.0
NM 03N1168	6.6	FM 9063B2F	4.16	NM 03N1168	69.7
DPL 141BG2RF	6.6	CS 45	4.15	DPL 141BG2RF	69.5
FM 9063B2F	6.5	AR 9803-23-08	4.12	CD 48	69.4
DPL 164BG2RF	6.5	FM 960B2R	4.09	TAM 01E-22	69.4
DPL 143BG2RF	6.4	NM 03K1001	4.06	JAJO 3007	69.3
CD 48	6.4	TAM 01E-22	4.05	STV 4892 BR	69.1
TAM 01E-22	6.4	DPL 143BG2RF	3.98	NM 03S1023	69.0
FM 960B2R	6.2	NM 03S1023	3.81	PHYTOGEN 72	68.9
DP 555 R/R	6.1	NM 03N1168	3.68	NM 03K1001	68.4
LSD	0.3	LSD	0.22	LSD	1.3

COLORIMETER - b

MICRONAIRE

STELOMETER - E1

JAJO 3007	9.3	JAJO 3077	4.73	AR 9803-23-08	8.1
CD 48	8.6	AR 9704-13-08	4.69	JAJO 3007	8.1
PHYTOGEN 72	8.6	AR 9704-13-05	4.61	CS 53	7.9
JAJO 3077	8.6	STV 4892 BR	4.53	CS 45	7.8

STV 4892 BR	8.6
AR 9704-13-08	8.5
TAM 01E-22	8.4
NM 03K1001	8.2
CS 45	8.2
NM 03S1023	8.1
AR 9704-13-05	8.1
DPL 141BG2RF	8.1
CS 37	8.1
AR 9803-23-08	8.0
NM 03N1168	8.0
CS 53	7.9
DPL 143BG2RF	7.9
DPL 161BG2RF	7.8
FM 9063B2F	7.7
FM 960B2R	7.7
DPL 164BG2RF	7.6
DP 555 R/R	7.5
LSD	0.4

CD 48	4.49
CS 53	4.40
DPL 161BG2RF	4.40
DP 555 R/R	4.28
PHYTOGEN 72	4.21
CS 37	4.19
JAJO 3007	4.17
CS 45	4.16
DPL 164BG2RF	4.15
FM 9063B2F	4.09
FM 960B2R	4.09
DPL 141BG2RF	4.05
AR 9803-23-08	4.04
NM 03K1001	4.01
TAM 01E-22	4.00
DPL 143BG2RF	3.91
NM 03S1023	3.73
NM 03N1168	3.59
LSD	0.24

CS 37	7.6
PHYTOGEN 72	7.6
STV 4892 BR	7.2
DPL 141BG2RF	7.1
JAJO 3077	6.9
AR 9704-13-08	6.8
NM 03S1023	6.8
DPL 143BG2RF	6.7
FM 9063B2F	6.6
DPL 161BG2RF	6.6
AR 9704-13-05	6.6
NM 03N1168	6.6
NM 03K1001	6.5
DPL 164BG2RF	6.4
DP 555 R/R	6.1
CD 48	5.8
TAM 01E-22	5.7
FM 960B2R	5.6
LSD	0.7

 STELOMETER - T1

NM 03S1023	254
NM 03K1001	240
NM 03N1168	238
PHYTOGEN 72	232
TAM 01E-22	226
AR 9803-23-08	214
JAJO 3077	211
FM 9063B2F	210
CS 45	210
FM 960B2R	209
CS 37	208
JAJO 3007	206
DPL 161BG2RF	204
CD 48	201
AR 9704-13-05	201
DPL 141BG2RF	198
DPL 143BG2RF	198
DPL 164BG2RF	197
AR 9704-13-08	196
CS 53	196
STV 4892 BR	191
DP 555 R/R	190

 FIBROGRAPH--50% S.L.

NM 03N1168	0.61
PHYTOGEN 72	0.60
TAM 01E-22	0.60
NM 03S1023	0.60
NM 03K1001	0.60
JAJO 3007	0.59
AR 9803-23-08	0.59
DPL 161BG2RF	0.58
CD 48	0.57
CS 53	0.57
FM 9063B2F	0.57
JAJO 3077	0.56
CS 45	0.56
AR 9704-13-08	0.56
DPL 143BG2RF	0.56
DPL 141BG2RF	0.56
STV 4892 BR	0.56
AR 9704-13-05	0.56
DPL 164BG2RF	0.56
CS 37	0.56
FM 960B2R	0.55
DP 555 R/R	0.53

 FIBROGRAPH--2.5% S.L.

NM 03N1168	1.22
TAM 01E-22	1.21
AR 9803-23-08	1.19
PHYTOGEN 72	1.18
DPL 143BG2RF	1.17
NM 03K1001	1.17
CD 48	1.17
NM 03S1023	1.16
FM 9063B2F	1.16
DPL 161BG2RF	1.16
DPL 141BG2RF	1.15
DPL 164BG2RF	1.15
FM 960B2R	1.14
JAJO 3007	1.13
JAJO 3077	1.13
CS 45	1.13
CS 53	1.13
CS 37	1.12
AR 9704-13-08	1.11
DP 555 R/R	1.09
STV 4892 BR	1.09
AR 9704-13-05	1.09

LSD 11

LSD 0.01

LSD 0.02

YARN TENACITY

AREALOMETER - A (mm2/mm3)

AREALOMETER - D (mm2/mm3)

NM 03S1023	155
NM 03K1001	153
NM 03N1168	150
PHYTOGEN 72	147
TAM 01E-22	141
AR 9803-23-08	136
FM 960B2R	135
FM 9063B2F	134
DPL 161BG2RF	128
JAJO 3007	127
CD 48	126
CS 37	125
JAJO 3077	125
CS 45	124
DPL 164BG2RF	124
STV 4892 BR	122
AR 9704-13-05	122
DPL 141BG2RF	122
CS 53	121
DPL 143BG2RF	121
DP 555 R/R	120
AR 9704-13-08	116
LSD	5

NM 03S1023	513
NM 03N1168	508
DPL 143BG2RF	494
TAM 01E-22	483
NM 03K1001	479
DPL 164BG2RF	479
DPL 141BG2RF	479
AR 9803-23-08	478
FM 960B2R	478
CS 37	477
FM 9063B2F	475
JAJO 3007	474
CS 45	471
DP 555 R/R	467
PHYTOGEN 72	466
DPL 161BG2RF	454
CD 48	453
STV 4892 BR	452
CS 53	449
AR 9704-13-05	439
JAJO 3077	437
AR 9704-13-08	436
LSD	20.1

JAJO 3007	42.0
CS 37	37.6
DPL 143BG2RF	36.9
CS 45	36.0
FM 960B2R	36.0
DPL 141BG2RF	35.7
STV 4892 BR	34.8
DPL 164BG2RF	34.6
TAM 01E-22	34.4
NM 03S1023	34.2
AR 9803-23-08	31.2
DP 555 R/R	31.2
CS 53	30.8
DPL 161BG2RF	30.4
CD 48	30.4
FM 9063B2F	30.3
NM 03N1168	29.5
NM 03K1001	29.1
AR 9704-13-08	28.6
AR 9704-13-05	27.3
PHYTOGEN 72	27.1
JAJO 3077	26.3
LSD	5.1

AREALOMETER - I

AREALOMETER - M (PERCENT)

AREALOMETER - p (Microns)

JAJO 3007	1.97
CS 37	1.88
DPL 143BG2RF	1.87
CS 45	1.86
DPL 141BG2RF	1.85
FM 960B2R	1.85
TAM 01E-22	1.83
STV 4892 BR	1.83

JAJO 3077	87
AR 9704-13-05	86
PHYTOGEN 72	86
NM 03K1001	85
AR 9704-13-08	85
NM 03N1168	84
FM 9063B2F	84
DP 555 R/R	84

JAJO 3007	52.30
STV 4892 BR	51.08
CS 37	49.61
CS 45	49.52
AR 9704-13-08	49.40
CS 53	49.40
CD 48	48.77
DPL 141BG2RF	48.71

DPL 164BG2RF	1.83
NM 03S1023	1.82
AR 9803-23-08	1.77
CS 53	1.77
CD 48	1.76
DP 555 R/R	1.76
DPL 161BG2RF	1.75
FM 9063B2F	1.75
NM 03N1168	1.74
AR 9704-13-08	1.72
NM 03K1001	1.71
AR 9704-13-05	1.69
PHYTOGEN 72	1.69
JAJO 3077	1.66
LSD	0.09

DPL 161BG2RF	84
CD 48	83
CS 53	83
AR 9803-23-08	83
NM 03S1023	81
DPL 164BG2RF	81
STV 4892 BR	80
TAM 01E-22	80
FM 960B2R	80
DPL 141BG2RF	80
CS 45	79
DPL 143BG2RF	79
CS 37	79
JAJO 3007	75
LSD	4

DPL 161BG2RF	48.58
FM 960B2R	48.50
AR 9704-13-05	48.29
DPL 164BG2RF	48.15
JAJO 3077	47.79
DPL 143BG2RF	47.71
TAM 01E-22	47.70
DP 555 R/R	47.02
AR 9803-23-08	46.53
FM 9063B2F	46.45
PHYTOGEN 72	45.52
NM 03K1001	44.76
NM 03S1023	44.59
NM 03N1168	42.92
LSD	1.47

AREALOMETER - w (MG/INCH)

STV 4892 BR	4.49
AR 9704-13-08	4.43
JAJO 3007	4.36
JAJO 3077	4.31
CS 53	4.30
AR 9704-13-05	4.30
DPL 161BG2RF	4.21
CD 48	4.21
CS 45	4.14
CS 37	4.10
FM 960B2R	4.03
DPL 141BG2RF	4.00
DPL 164BG2RF	3.99
DP 555 R/R	3.97
TAM 01E-22	3.88
FM 9063B2F	3.87
PHYTOGEN 72	3.83
DPL 143BG2RF	3.82
AR 9803-23-08	3.81
NM 03K1001	3.67
NM 03S1023	3.42
NM 03N1168	3.28
LSD	0.20

AREALOMETER - t (MICRONS)

JAJO 3077	2.9
AR 9704-13-08	2.9
AR 9704-13-05	2.9
STV 4892 BR	2.8
DPL 161BG2RF	2.8
CS 53	2.7
CD 48	2.7
PHYTOGEN 72	2.7
DP 555 R/R	2.7
NM 03K1001	2.7
FM 9063B2F	2.6
FM 960B2R	2.6
DPL 164BG2RF	2.6
CS 45	2.6
AR 9803-23-08	2.6
CS 37	2.6
JAJO 3007	2.6
DPL 141BG2RF	2.6
TAM 01E-22	2.5
DPL 143BG2RF	2.5
NM 03N1168	2.4
NM 03S1023	2.4
LSD	0.1

SEED YIELD (LB/ACRE)

CS 45	1781
CS 37	1735
NM 03S1023	1710
FM 960B2R	1647
AR 9803-23-08	1637
AR 9704-13-05	1631
DPL 143BG2RF	1619
DP 555 R/R	1581
STV 4892 BR	1576
CD 48	1573
DPL 164BG2RF	1560
AR 9704-13-08	1502
CS 53	1501
DPL 161BG2RF	1461
FM 9063B2F	1449
PHYTOGEN 72	1441
DPL 141BG2RF	1418
TAM 01E-22	1410
JAJO 3007	1403
NM 03N1168	1398
NM 03K1001	1305
JAJO 3077	1251
LSD	305

OIL (PERCENT)

NM 03N1168	21.58
CS 37	21.15
CS 45	20.78
FM 9063B2F	20.52
FM 960B2R	20.10
CS 53	19.87
TAM 01E-22	19.75
NM 03K1001	19.62
PHYTOGEN 72	19.53
AR 9803-23-08	19.44
AR 9704-13-08	19.18
JAJO 3007	19.15
DPL 143BG2RF	19.10
NM 03S1023	19.08
AR 9704-13-05	18.75
CD 48	18.72
STV 4892 BR	18.20
DPL 141BG2RF	17.32
DPL 161BG2RF	17.30
DPL 164BG2RF	17.21
DP 555 R/R	16.40
JAJO 3077	16.28
LSD	0.93

NITROGEN (PERCENT)

DP 555 R/R	3.92
PHYTOGEN 72	3.85
AR 9803-23-08	3.82
AR 9704-13-08	3.81
STV 4892 BR	3.78
JAJO 3077	3.78
JAJO 3007	3.77
FM 960B2R	3.76
TAM 01E-22	3.73
NM 03N1168	3.72
AR 9704-13-05	3.71
CS 45	3.70
CS 37	3.69
NM 03S1023	3.67
CD 48	3.65
DPL 161BG2RF	3.64
NM 03K1001	3.63
CS 53	3.60
DPL 143BG2RF	3.55
DPL 141BG2RF	3.52
DPL 164BG2RF	3.51
FM 9063B2F	3.51
LSD	0.14

PLUS GOSSYPOL

CS 53	0.87
STV 4892 BR	0.86
DPL 143BG2RF	0.83
CS 37	0.79
CS 45	0.79
TAM 01E-22	0.77
JAJO 3007	0.75
NM 03N1168	0.72
DPL 141BG2RF	0.71
CD 48	0.71
AR 9704-13-08	0.66
AR 9704-13-05	0.66
JAJO 3077	0.63
FM 960B2R	0.62
NM 03S1023	0.61
PHYTOGEN 72	0.61
AR 9803-23-08	0.61
FM 9063B2F	0.61
NM 03K1001	0.60
DP 555 R/R	0.58
DPL 164BG2RF	0.56
DPL 161BG2RF	0.54
LSD	0.07

MINUS GOSSYPOL

DPL 143BG2RF	0.70
STV 4892 BR	0.57
DPL 141BG2RF	0.55
CS 53	0.54
AR 9704-13-08	0.53
TAM 01E-22	0.52
CD 48	0.51
JAJO 3077	0.49
AR 9704-13-05	0.49
FM 9063B2F	0.47
JAJO 3007	0.46
FM 960B2R	0.44

TOTAL GOSSYPOL (PERCENT)

DPL 143BG2RF	1.53
STV 4892 BR	1.43
CS 53	1.41
TAM 01E-22	1.29
DPL 141BG2RF	1.26
CD 48	1.22
CS 37	1.21
CS 45	1.21
JAJO 3007	1.20
AR 9704-13-08	1.19
NM 03N1168	1.16
AR 9704-13-05	1.15

NM 03N1168	0.44	JAJ0 3077	1.08
PHYTOGEN 72	0.44	FM 9063B2F	1.08
CS 45	0.43	FM 960B2R	1.07
NM 03S1023	0.42	PHYTOGEN 72	1.04
CS 37	0.42	NM 03K1001	1.02
NM 03K1001	0.42	NM 03S1023	1.02
AR 9803-23-08	0.40	AR 9803-23-08	1.01
DP 555 R/R	0.40	DP 555 R/R	0.98
DPL 161BG2RF	0.37	DPL 164BG2RF	0.93
DPL 164BG2RF	0.37	DPL 161BG2RF	0.91
LSD	0.06	LSD	0.11

reg=71 REGION=HIGH QUALITY

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)	(%)
BOSSIER CITY, LA	1619	5.54	38.4	10.6	135	1.15	0.60	217	5.8
STONEVILLE, MS	1408	5.17	40.6	9.8	134	1.19	0.60	218	6.6
PORTAGEVILLE, MO	1402	6.28	.	.	130	1.19	0.57	218	6.9
KEISER, AR	1337	4.30	40.0	9.8	146	1.18	0.58	213	6.7
LAS CRUCES, NM	1032	4.88	43.3	.	120	1.12	0.59	210	7.3
LUBBOCK, TX	918	4.84	37.7	9.7	123	1.09	0.54	200	8.3
FLORENCE, SC	827	5.09	38.8	9.2	131	1.13	0.58	222	6.4
COLLEGE STATION, TX	524	5.34	38.9	10.1	135	1.16	0.60	212	7.3
BELLE MINA, AL	285	3.80	37.6	8.3	118	1.10	0.52	185	6.8

LOCATION	MICRO- NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)				SEED YIELD (lb/ac)	COLORIMETER HUNTER'S Rd	MICRO- NAIRE (Reading)	OIL (%)	NITR OGEN (%)	
		2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	E						
BOSSIER CITY, LA	5.04	1.17	85.3	31.7	6.3	70.1	6.9	5.09	2671	19.83	3.73
STONEVILLE, MS	4.62	1.19	83.9	31.9	6.4	70.9	9.1	4.59	1975	.	.
PORTAGEVILLE, MO	4.18	1.20	84.2	30.5	9.1	59.9	8.3	4.24	.	18.39	3.96
KEISER, AR	4.13	1.20	83.8	31.5	6.4	66.2	7.5	4.13	1940	19.73	3.51

LAS CRUCES, NM	4.73	1.15	82.8	32.1	6.8	73.6	8.7	4.76	1350	22.48	3.52
LUBBOCK, TX	4.03	1.13	81.9	31.8	7.1	76.8	8.3	4.05	1619	18.69	3.66
FLORENCE, SC	4.00	1.10	81.8	32.8	6.1	74.3	7.9	4.13	1303	18.10	4.03
COLLEGE STATION, TX	4.60	1.19	83.7	31.8	6.8	70.0	6.9	4.54	812	20.96	3.35
BELLE MINA, AL	2.75	1.11	80.8	24.9	5.5	71.2	9.9	2.83	473	15.86	3.74

LOCATION	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
BOSSIER CITY, LA	0.73	0.51	1.24	402	15.7	1.45	95	45.31	4.38	3.2
STONEVILLE, MS	.	.	.	436	26.5	1.69	86	48.79	4.35	2.8
PORTAGEVILLE, MO	0.65	0.44	1.10	468	33.0	1.82	81	48.78	4.04	2.6
KEISER, AR	0.70	0.47	1.17	474	31.7	1.79	82	47.44	3.89	2.6
LAS CRUCES, NM	0.82	0.56	1.38	429	18.1	1.50	93	44.12	4.01	3.0
LUBBOCK, TX	0.75	0.57	1.32	477	39.3	1.93	77	50.92	4.14	2.5
FLORENCE, SC	0.52	0.31	0.82	481	33.6	1.82	81	47.52	3.86	2.5
COLLEGE STATION, TX	0.85	0.65	1.50	421	26.9	1.69	86	50.62	4.67	2.9
BELLE MINA, AL	0.51	0.32	0.82	630	63.1	2.32	62	46.36	2.86	1.8

LOCATION=LUBBOCK, TX

VARIETIES COMBINING LOCATIONS

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 (%)
1309	FM 9063B2F	1216	5.57	39.9	10.8	130	1.11	0.55	201	7.8
1224	DP 555 R/R	1077	4.49	40.8	9.3	108	1.06	0.52	175	7.7
1336	DPL 164BG2RF	1070	4.68	37.4	9.1	117	1.09	0.53	190	7.0
1255	FM 960B2R	1069	5.15	39.3	10.3	126	1.11	0.54	182	6.9
1331	CD 48	1028	3.75	42.6	9.1	115	1.11	0.54	193	7.9
1334	DPL 143BG2RF	986	4.94	38.6	8.8	109	1.07	0.52	201	6.5
1332	CS 53	968	4.06	45.2	10.0	112	1.08	0.53	176	10.5
1196	STV 4892 BR	960	3.85	38.3	9.5	114	1.04	0.54	179	9.3
1338	JAJO 3077	942	4.38	44.4	9.0	119	1.06	0.54	201	7.5

1303	CS 37	937	5.16	35.0	9.0	119	1.07	0.52	193	10.4
1306	CS 45	930	5.24	28.9	8.6	116	1.06	0.54	201	10.2
1329	AR 9704-13-08	900	4.91	40.2	10.3	112	1.07	0.55	200	9.0
1330	AR 9803-23-08	898	4.82	41.2	9.6	122	1.13	0.55	200	9.3
1342	NM 03K1001	891	4.92	36.1	10.2	148	1.14	0.57	232	8.3
1328	AR 9704-13-05	886	5.62	36.1	10.6	116	1.04	0.54	199	8.6
1166	PHYTOGEN 72	876	5.37	38.1	9.9	138	1.14	0.57	205	9.7
1333	DPL 141BG2RF	869	4.58	41.1	9.0	110	1.08	0.52	178	8.8
1335	DPL 161BG2RF	835	4.52	35.2	8.6	123	1.06	0.52	201	7.3
1340	TAM 01E-22	750	5.66	34.6	11.9	137	1.19	0.58	228	6.3
1337	JAJO 3007	724	5.03	37.0	9.2	116	1.04	0.54	186	9.0
1339	NM 03N1168	716	4.96	34.3	10.0	143	1.18	0.59	237	7.0
1343	NM 03S1023	675	5.00	25.6	10.1	151	1.15	0.57	253	7.8
.	LSD	161	1.09	11.8	0.9	8	0.05	0.03	22	1.7

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	MICRO-NAIRE (Reading) b	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)	
1309	FM 9063B2F	4.30	1.20	83.4	33.0	7.1	77.5	7.6	4.25	1923	20.85	3.48
1224	DP 555 R/R	3.90	1.05	79.6	29.0	6.5	78.5	7.8	4.00	1746	16.62	3.81
1336	DPL 164BG2RF	3.95	1.10	80.9	30.0	7.0	78.0	8.1	3.95	1880	15.92	3.38
1255	FM 960B2R	4.15	1.15	80.8	33.0	6.5	77.5	7.7	4.10	1819	21.77	3.52
1331	CD 48	4.10	1.10	81.3	30.5	6.6	76.0	8.7	4.10	1453	17.30	3.68
1334	DPL 143BG2RF	3.55	1.10	79.9	30.0	7.0	76.0	8.0	3.65	1653	18.03	3.53
1332	CS 53	4.55	1.10	82.2	29.0	7.3	77.5	8.3	4.55	1373	19.34	3.57
1196	STV 4892 BR	3.90	1.05	81.9	31.0	7.4	76.5	9.0	3.90	1612	16.42	3.65
1338	JAJO 3077	4.75	1.10	81.1	33.5	7.3	77.0	8.6	4.60	1104	17.31	4.07
1303	CS 37	3.80	1.10	81.0	31.0	7.3	78.0	8.0	3.90	1891	20.74	3.79
1306	CS 45	3.95	1.10	81.1	31.0	7.5	76.0	8.3	4.00	2583	18.92	3.74
1329	AR 9704-13-08	4.30	1.10	81.7	30.5	7.2	76.5	8.7	4.30	1375	18.61	3.88
1330	AR 9803-23-08	4.20	1.20	82.8	31.5	7.8	77.5	8.3	4.10	1224	19.05	3.76
1342	NM 03K1001	4.15	1.20	83.6	37.0	7.3	75.0	8.6	4.20	1664	19.49	3.57
1328	AR 9704-13-05	4.30	1.10	82.7	31.5	7.1	77.5	8.2	4.30	1881	18.29	3.57
1166	PHYTOGEN 72	4.35	1.15	83.1	33.5	7.4	76.5	8.8	4.30	1381	20.58	3.84
1333	DPL 141BG2RF	3.80	1.10	80.3	30.5	7.1	76.5	8.4	3.90	1237	17.11	3.47
1335	DPL 161BG2RF	4.05	1.10	82.3	31.0	7.2	76.5	8.7	4.15	1432	16.86	3.59
1340	TAM 01E-22	3.75	1.20	83.0	34.5	6.5	77.0	8.1	3.90	1490	19.95	3.64
1337	JAJO 3007	3.85	1.05	81.4	31.0	8.0	76.0	9.6	3.85	1240	17.78	3.61
1339	NM 03N1168	3.55	1.20	84.2	32.5	6.8	77.5	8.1	3.60	1345	21.50	3.79
1343	NM 03S1023	3.35	1.20	83.9	35.0	7.1	74.5	7.7	3.40	2315	18.70	3.58
.	LSD	0.50	0.07	1.5	1.4	0.4	1.7	0.4	0.45	1183	1.34	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)
1309	FM 9063B2F	0.66	0.60	1.26	453	34.5	1.85	80	51.32	4.38	2.7
1224	DP 555 R/R	0.73	0.54	1.26	497	41.5	1.98	76	49.89	3.89	2.4
1336	DPL 164BG2RF	0.59	0.46	1.05	481	39.3	1.94	77	50.55	4.06	2.5
1255	FM 960B2R	0.78	0.65	1.42	465	38.3	1.91	78	51.69	4.31	2.6
1331	CD 48	0.78	0.61	1.38	478	43.0	2.00	74	52.68	4.27	2.5
1334	DPL 143BG2RF	0.89	0.73	1.62	512	43.5	2.01	74	49.39	3.73	2.3
1332	CS 53	0.92	0.63	1.54	441	35.3	1.86	80	53.18	4.67	2.7
1196	STV 4892 BR	0.97	0.72	1.69	472	44.8	2.03	73	53.97	4.42	2.5
1338	JAJO 3077	0.66	0.58	1.24	437	30.3	1.77	83	50.82	4.50	2.8
1303	CS 37	0.88	0.53	1.40	490	44.3	2.03	73	51.98	4.11	2.4
1306	CS 45	0.77	0.45	1.21	473	40.5	1.96	76	51.97	4.26	2.6
1329	AR 9704-13-08	0.74	0.61	1.34	451	38.3	1.91	78	53.10	4.55	2.7
1330	AR 9803-23-08	0.72	0.52	1.24	473	34.0	1.84	80	48.94	4.01	2.5
1342	NM 03K1001	0.59	0.44	1.02	467	30.3	1.77	83	47.53	3.95	2.6
1328	AR 9704-13-05	0.76	0.59	1.36	454	35.5	1.87	80	51.80	4.42	2.7
1166	PHYTOGEN 72	0.69	0.54	1.23	450	28.0	1.72	85	48.00	4.12	2.8
1333	DPL 141BG2RF	0.77	0.64	1.41	489	41.5	1.98	75	50.93	4.04	2.4
1335	DPL 161BG2RF	0.68	0.51	1.18	473	41.3	1.98	75	52.49	4.29	2.5
1340	TAM 01E-22	0.80	0.59	1.38	498	41.3	1.96	76	49.47	3.86	2.4
1337	JAJO 3007	0.76	0.52	1.28	497	56.3	2.22	66	56.11	4.38	2.4
1339	NM 03N1168	0.79	0.54	1.32	512	36.5	1.89	79	46.34	3.50	2.3
1343	NM 03S1023	0.71	0.50	1.21	535	45.8	2.05	73	48.15	3.49	2.2
.	LSD	0.06	0.06	0.11	37.6	11.1	0.20	8	3.33	0.42	0.2

LOCATION=COLLEGE STATION, TX

VARIETIES COMBINING LOCATIONS

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 (%)
1330	AR 9803-23-08	1008	5.21	41.0	10.4	138	1.24	0.62	206	8.4
1196	STV 4892 BR	947	5.03	41.0	10.3	133	1.12	0.61	205	7.3

1166	PHYTOGEN 72	947	5.68	38.0	10.6	152	1.21	0.66	241	6.3
1328	AR 9704-13-05	945	5.45	40.5	10.2	131	1.11	0.58	199	6.2
1224	DP 555 R/R	905	4.89	44.0	7.6	121	1.07	0.54	179	6.2
1306	CS 45	892	5.31	38.5	9.9	131	1.16	0.59	204	8.3
1255	FM 960B2R	869	5.68	37.5	11.1	137	1.12	0.56	230	5.1
1329	AR 9704-13-08	857	5.75	41.0	11.3	123	1.13	0.57	192	7.2
1303	CS 37	811	4.77	38.5	9.5	128	1.12	0.57	198	7.7
1331	CD 48	751	4.85	38.5	9.7	139	1.22	0.61	207	6.1
1340	TAM 01E-22	598	5.81	35.0	13.0	145	1.22	0.62	245	7.1
1339	NM 03N1168	462	5.79	35.0	10.7	142	1.23	0.61	246	7.4
1337	JAJO 3007	175	5.70	41.5	10.6	131	1.17	0.63	201	8.7
1333	DPL 141BG2RF	160	4.97	38.5	9.0	136	1.16	0.58	208	7.4
1334	DPL 143BG2RF	139	5.43	38.0	9.5	127	1.19	0.60	207	7.9
1335	DPL 161BG2RF	118	5.29	39.5	9.1	135	1.22	0.63	214	7.8
1338	JAJO 3077	103	5.34	43.0	9.1	134	1.16	0.58	221	8.3
1309	FM 9063B2F	96	6.08	37.0	11.7	140	1.13	0.56	208	6.9
1332	CS 53	88	4.97	36.0	10.3	124	1.14	0.59	187	9.3
1336	DPL 164BG2RF	68	5.49	39.0	9.5	138	1.18	0.61	209	7.3
1342	NM 03K1001	61	4.69	36.5	10.0	151	1.17	0.61	243	6.7
.	LSD	165	0.75	1.7	1.0	10	0.03	0.04	16	1.6

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)	(%)	(%)

1330	AR 9803-23-08	4.40	1.20	84.3	33.0	7.2	71.5	6.8	4.35	1450	22.43	3.37
1196	STV 4892 BR	4.95	1.15	84.7	31.0	6.7	67.5	6.9	4.85	1363	20.82	3.56
1166	PHYTOGEN 72	4.65	1.20	84.7	35.5	7.1	69.5	7.9	4.65	1545	22.47	3.57
1328	AR 9704-13-05	5.00	1.10	83.1	30.0	6.7	70.0	6.7	4.90	1389	21.09	3.52
1224	DP 555 R/R	4.90	1.10	81.9	32.5	6.5	71.5	6.3	4.75	1151	17.20	3.46
1306	CS 45	4.60	1.20	84.0	32.0	6.9	72.5	7.1	4.55	1426	23.21	3.06
1255	FM 960B2R	4.40	1.20	82.9	35.0	6.4	68.5	6.2	4.40	1445	21.53	3.33
1329	AR 9704-13-08	5.00	1.10	82.9	30.5	6.7	72.5	7.5	4.90	1233	20.88	3.48
1303	CS 37	4.65	1.10	82.5	31.0	6.7	71.0	6.7	4.55	1295	23.97	3.19
1331	CD 48	4.70	1.25	84.6	33.0	6.5	70.5	7.0	4.60	1202	21.28	3.14
1340	TAM 01E-22	4.20	1.30	84.2	37.0	6.8	67.0	6.7	4.15	1111	21.57	3.33
1339	NM 03N1168	4.05	1.30	84.0	31.0	6.5	67.5	7.0	4.05	863	23.69	3.51
1337	JAJO 3007	4.80	1.20	85.3	31.5	7.7	70.0	8.3	4.80	246	21.98	3.55
1333	DPL 141BG2RF	4.20	1.20	82.8	30.5	7.1	69.5	6.7	4.25	255	18.73	2.98
1334	DPL 143BG2RF	4.50	1.20	83.6	28.5	6.8	68.5	6.5	4.30	233	20.72	3.16
1335	DPL 161BG2RF	4.70	1.20	84.8	31.0	6.9	71.0	6.4	4.70	180	17.71	3.29
1338	JAJO 3077	4.90	1.20	83.6	32.5	7.2	72.0	7.3	4.85	137	17.43	3.76
1309	FM 9063B2F	4.65	1.20	82.9	31.0	6.7	71.0	6.6	4.50	167	22.69	3.12
1332	CS 53	4.60	1.15	83.3	28.5	7.2	70.5	6.8	4.60	156	22.03	3.50

1336	DPL 164BG2RF	4.80	1.20	84.3	30.0	6.7	71.5	6.7	4.75	106	19.07	3.30
1342	NM 03K1001	3.85	1.20	84.6	33.5	7.0	65.5	6.8	3.80	106	19.70	3.25
.	LSD	0.28	0.05	1.1	1.7	0.3	3.2	0.6	0.26	273	1.31	0.43

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1330	AR 9803-23-08	0.78	0.56	1.34	435	25.8	1.68	87	48.37	4.30	2.8
1196	STV 4892 BR	1.19	0.84	2.03	404	30.0	1.76	83	54.75	5.24	3.0
1166	PHYTOGEN 72	0.74	0.58	1.33	412	20.8	1.57	91	47.90	4.51	3.1
1328	AR 9704-13-05	0.82	0.66	1.48	401	21.0	1.58	91	49.15	4.74	3.2
1224	DP 555 R/R	0.67	0.51	1.19	394	17.3	1.49	94	47.36	4.64	3.2
1306	CS 45	0.94	0.56	1.50	427	32.5	1.81	81	53.24	4.82	2.8
1255	FM 960B2R	0.74	0.55	1.29	411	20.8	1.57	91	47.92	4.51	3.1
1329	AR 9704-13-08	0.79	0.69	1.48	393	22.0	1.60	90	50.98	5.02	3.2
1303	CS 37	0.98	0.55	1.53	422	28.5	1.73	85	51.51	4.72	2.9
1331	CD 48	0.95	0.74	1.68	415	26.0	1.68	87	50.65	4.73	3.0
1340	TAM 01E-22	1.07	0.73	1.79	449	32.3	1.81	81	50.44	4.34	2.7
1339	NM 03N1168	0.88	0.59	1.47	475	27.0	1.70	86	44.88	3.66	2.6
1337	JAJO 3007	0.96	0.64	1.59	415	32.0	1.80	82	54.53	5.08	2.9
1333	DPL 141BG2RF	0.86	0.71	1.57	447	35.3	1.87	79	52.36	4.53	2.7
1334	DPL 143BG2RF	0.98	1.26	2.24	435	33.0	1.82	81	52.62	4.68	2.8
1335	DPL 161BG2RF	0.53	0.44	0.96	410	24.3	1.65	88	50.31	4.74	3.0
1338	JAJO 3077	0.74	0.66	1.40	407	25.0	1.66	87	51.21	4.87	3.0
1309	FM 9063B2F	0.74	0.63	1.37	419	25.8	1.68	87	50.25	4.64	3.0
1332	CS 53	1.11	0.70	1.81	420	28.0	1.72	85	51.36	4.73	2.9
1336	DPL 164BG2RF	0.69	0.50	1.19	407	23.5	1.63	89	50.19	4.77	3.1
1342	NM 03K1001	0.72	0.51	1.23	436	33.5	1.83	81	53.12	4.78	2.8
.	LSD	0.07	0.07	0.31	32.8	8.7	0.18	7	5.04	0.67	0.3

LOCATION=BOSSIER CITY, LA

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)	50% S.L. (inches)	STELOMETER T1 (mN/tex)	E1 (%)
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1338	JAJO 3077	2103	5.37	42.0	9.5	135	1.14	0.60	225	5.5
1330	AR 9803-23-08	1991	6.28	40.0	10.4	136	1.18	0.59	203	6.3
1196	STV 4892 BR	1920	5.56	41.0	10.7	128	1.09	0.61	212	6.8
1255	FM 960B2R	1918	5.76	38.0	11.7	137	1.15	0.59	221	4.0
1337	JAJO 3007	1851	5.96	41.0	10.5	129	1.14	0.62	215	6.0
1333	DPL 141BG2RF	1850	5.40	39.0	9.5	126	1.17	0.60	219	6.7
1334	DPL 143BG2RF	1812	5.72	38.0	10.2	125	1.19	0.60	212	6.4
1224	DP 555 R/R	1708	4.85	42.0	8.2	126	1.08	0.56	189	5.5
1309	FM 9063B2F	1690	5.85	38.0	11.7	143	1.19	0.62	237	4.8
1343	NM 03S1023	1638	5.14	37.0	10.3	147	1.14	0.64	229	6.0
1303	CS 37	1634	5.71	38.0	10.7	132	1.14	0.58	211	6.2
1335	DPL 161BG2RF	1630	4.98	39.0	9.8	132	1.14	0.60	221	5.9
1166	PHYTOGEN 72	1497	5.37	36.0	10.6	151	1.18	0.63	250	6.8
1331	CD 48	1482	5.22	39.0	10.4	130	1.17	0.60	212	5.2
1328	AR 9704-13-05	1461	6.12	40.0	11.3	126	1.08	0.58	189	5.8
1329	AR 9704-13-08	1456	6.10	40.0	11.5	118	1.12	0.59	191	6.3
1306	CS 45	1408	5.15	39.0	10.4	130	1.14	0.59	219	6.9
1332	CS 53	1399	4.89	36.0	11.0	122	1.15	0.61	212	6.9
1336	DPL 164BG2RF	1370	5.68	35.0	10.2	129	1.16	0.59	208	5.3
1342	NM 03K1001	1345	5.05	37.0	11.5	162	1.19	0.61	246	4.9
1339	NM 03N1168	1239	6.01	35.0	11.1	159	1.25	0.64	227	5.0
1340	TAM 01E-22	1216	5.83	34.0	13.0	144	1.21	0.63	233	4.8
.	LSD	543	0.46	.	1.0	9	0.04	0.03	22	1.1

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)	(%)	(%)	
1338	JAJO 3077	5.45	1.15	85.4	34.0	6.7	71.0	7.6	5.40	2544	15.73	3.87
1330	AR 9803-23-08	4.85	1.20	85.7	30.0	6.5	70.0	6.5	4.95	3494	20.76	3.86
1196	STV 4892 BR	5.65	1.10	84.3	31.0	6.6	71.0	7.3	5.60	3015	20.05	3.76
1255	FM 960B2R	5.45	1.20	85.4	33.5	6.0	69.5	6.7	5.35	3189	21.80	3.79
1337	JAJO 3007	5.30	1.10	85.7	31.5	7.0	69.5	8.0	5.20	2607	19.55	3.93
1333	DPL 141BG2RF	4.90	1.20	85.3	30.5	6.1	70.0	7.0	5.10	2744	17.95	3.68
1334	DPL 143BG2RF	4.70	1.20	85.7	29.5	6.0	71.0	6.8	4.90	3562	20.50	3.48
1224	DP 555 R/R	5.35	1.10	84.2	30.0	5.8	70.5	6.5	5.35	2741	15.91	3.76
1309	FM 9063B2F	4.90	1.20	86.1	32.0	5.9	71.5	6.9	5.00	2718	20.60	3.61
1343	NM 03S1023	4.65	1.20	85.4	33.0	6.4	70.0	5.9	4.80	2969	19.65	3.89
1303	CS 37	5.20	1.20	84.9	32.5	6.5	71.5	6.7	5.20	3169	21.61	3.61
1335	DPL 161BG2RF	5.30	1.15	84.7	31.0	6.4	70.5	6.4	5.35	2811	20.86	3.69
1166	PHYTOGEN 72	4.70	1.20	86.1	36.0	6.7	69.5	7.9	4.80	2434	19.27	3.66
1331	CD 48	5.20	1.20	85.2	31.0	5.9	68.0	7.4	5.15	2381	19.48	3.69
1328	AR 9704-13-05	5.40	1.10	84.9	29.5	6.1	70.5	7.3	5.25	2257	19.55	3.53
1329	AR 9704-13-08	5.80	1.10	84.9	29.0	6.2	71.0	7.1	5.60	2146	20.13	3.56

1306	CS 45	4.90	1.20	84.7	32.0	6.3	71.5	7.0	5.00	2675	21.69	3.67
1332	CS 53	4.95	1.20	85.8	29.5	6.6	68.5	6.2	5.05	2370	20.67	3.66
1336	DPL 164BG2RF	4.75	1.15	84.7	29.5	5.9	69.5	6.5	4.95	2582	19.09	3.54
1342	NM 03K1001	4.80	1.20	86.2	35.0	6.5	69.0	7.0	4.95	2205	20.40	4.02
1339	NM 03N1168	4.25	1.25	87.4	32.5	6.1	70.0	6.6	4.30	1751	21.51	3.88
1340	TAM 01E-22	4.45	1.25	85.2	34.5	6.2	68.5	7.2	4.65	2402	19.63	3.90
.	LSD	0.38	0.07	1.6	2.1	0.3	3.3	1.0	0.35	1227	1.28	0.22

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1338	JAJO 3077	0.67	0.53	1.20	375	11.5	1.35	99	45.01	4.64	3.6
1330	AR 9803-23-08	0.65	0.42	1.07	407	15.8	1.46	95	44.77	4.25	3.2
1196	STV 4892 BR	0.97	0.65	1.62	379	16.5	1.47	95	48.55	4.95	3.4
1255	FM 960B2R	0.64	0.49	1.13	378	12.5	1.37	98	45.52	4.66	3.5
1337	JAJO 3007	0.77	0.47	1.23	390	21.3	1.58	90	50.78	5.03	3.2
1333	DPL 141BG2RF	0.75	0.60	1.34	410	16.3	1.47	95	44.79	4.23	3.2
1334	DPL 143BG2RF	0.91	0.70	1.61	405	16.8	1.48	94	45.75	4.37	3.2
1224	DP 555 R/R	0.58	0.42	1.00	387	13.0	1.39	98	44.85	4.48	3.4
1309	FM 9063B2F	0.61	0.49	1.10	408	14.5	1.42	97	43.75	4.15	3.2
1343	NM 03S1023	0.71	0.49	1.19	417	15.3	1.44	95	43.39	4.03	3.1
1303	CS 37	0.84	0.44	1.28	386	15.5	1.45	96	47.05	4.71	3.4
1335	DPL 161BG2RF	0.71	0.44	1.15	387	13.8	1.40	97	45.43	4.54	3.4
1166	PHYTOGEN 72	0.61	0.45	1.06	419	16.0	1.46	95	43.67	4.02	3.1
1331	CD 48	0.74	0.52	1.26	404	20.8	1.56	91	48.51	4.65	3.1
1328	AR 9704-13-05	0.68	0.52	1.20	394	16.8	1.48	94	47.00	4.62	3.3
1329	AR 9704-13-08	0.69	0.58	1.26	384	12.3	1.37	98	44.65	4.50	3.5
1306	CS 45	0.78	0.43	1.21	408	20.3	1.56	91	48.00	4.56	3.1
1332	CS 53	0.92	0.57	1.49	395	16.8	1.48	94	46.91	4.59	3.3
1336	DPL 164BG2RF	0.62	0.42	1.03	410	16.5	1.47	95	44.88	4.23	3.2
1342	NM 03K1001	0.78	0.53	1.31	406	8.3	1.26	103	38.80	3.70	3.5
1339	NM 03N1168	0.74	0.46	1.20	462	14.3	1.42	97	38.48	3.22	2.8
1340	TAM 01E-22	0.84	0.58	1.41	428	21.5	1.58	90	46.35	4.18	2.9
.	LSD	0.11	0.11	0.16	20.8	7.6	0.18	7	4.05	0.34	0.3

LOCATION=STONEVILLE, MS

VARIETIES COMBINING LOCATIONS

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 (%)
1329	AR 9704-13-08	1828	5.50	43.5	10.7	123	1.17	0.61	189	6.0
1337	JAJO 3007	1728	5.33	42.6	10.0	129	1.20	0.64	212	8.8
1328	AR 9704-13-05	1706	5.59	43.4	10.4	129	1.14	0.59	191	6.8
1224	DP 555 R/R	1657	4.84	43.2	8.1	129	1.16	0.57	207	5.5
1196	STV 4892 BR	1561	5.27	42.3	10.1	127	1.09	0.57	188	7.3
1306	CS 45	1544	4.66	40.9	9.2	128	1.16	0.61	212	6.8
1331	CD 48	1539	4.97	41.3	9.3	131	1.18	0.59	214	4.5
1303	CS 37	1499	4.99	40.8	9.5	130	1.12	0.57	202	6.4
1330	AR 9803-23-08	1476	5.21	42.1	9.1	142	1.26	0.65	225	8.5
1336	DPL 164BG2RF	1469	5.05	40.1	9.1	122	1.17	0.57	204	5.9
1335	DPL 161BG2RF	1435	4.95	40.5	8.7	131	1.20	0.61	211	6.9
1338	JAJO 3077	1418	5.06	43.6	8.7	119	1.21	0.60	214	7.0
1332	CS 53	1379	4.84	36.8	10.9	126	1.18	0.60	222	6.3
1339	NM 03N1168	1339	5.16	38.3	10.1	156	1.26	0.64	258	6.9
1334	DPL 143BG2RF	1330	5.23	39.1	9.6	127	1.21	0.60	207	5.8
1255	FM 960B2R	1319	5.92	39.8	11.0	142	1.20	0.61	217	5.8
1333	DPL 141BG2RF	1311	4.97	39.7	8.7	132	1.23	0.61	223	6.5
1309	FM 9063B2F	1249	5.94	38.9	11.3	138	1.24	0.61	224	6.4
1342	NM 03K1001	1121	4.79	41.9	9.2	157	1.20	0.62	244	7.0
1340	TAM 01E-22	1095	5.77	36.6	12.0	145	1.23	0.61	231	5.9
1166	PHYTOGEN 72	1008	5.07	38.7	10.3	145	1.26	0.66	238	7.3
1343	NM 03S1023	955	4.55	38.0	9.4	155	1.19	0.62	261	7.4
.	LSD	124	0.27	0.9	0.5	11	0.05	0.04	18	1.5

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

VARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	SEED YIELD (lb/ac)	COLORIMETER		MICRO-	OIL (%)	NITR OGEN (%)	
		NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)		HUNTER'S	NAIRE (Reading)				
1329	AR 9704-13-08	4.85	1.20	84.8	29.0	6.5	71.0	9.2	4.75	2324	.	.
1337	JAJO 3007	4.70	1.20	84.6	32.0	7.2	68.5	9.8	4.55	2233	.	.
1328	AR 9704-13-05	4.90	1.10	84.0	31.0	6.6	70.5	8.9	4.80	2280	.	.
1224	DP 555 R/R	4.80	1.15	83.8	31.0	6.0	75.0	8.4	4.70	2090	.	.
1196	STV 4892 BR	5.15	1.10	82.5	30.5	6.6	70.5	9.4	5.00	2009	.	.
1306	CS 45	4.65	1.20	85.0	31.5	6.6	73.0	8.8	4.55	2200	.	.
1331	CD 48	5.25	1.20	82.6	31.5	6.0	70.0	9.6	4.90	2215	.	.
1303	CS 37	4.85	1.10	82.2	32.0	6.4	73.0	9.8	4.85	2062	.	.
1330	AR 9803-23-08	4.10	1.25	84.9	31.0	6.9	70.5	8.8	4.25	2014	.	.
1336	DPL 164BG2RF	4.80	1.20	83.5	31.0	6.2	71.5	8.7	4.65	2247	.	.
1335	DPL 161BG2RF	4.95	1.20	84.4	31.5	6.3	72.0	8.7	4.75	2014	.	.
1338	JAJO 3077	4.80	1.20	84.2	32.5	6.6	71.0	9.7	4.90	1641	.	.

1332	CS 53	5.05	1.15	83.8	30.0	6.6	70.5	8.7	4.95	2206	.	.
1339	NM 03N1168	4.05	1.25	85.0	31.5	6.3	71.5	9.7	4.05	2036	.	.
1334	DPL 143BG2RF	4.40	1.20	82.5	29.0	6.0	71.5	9.2	4.60	1997	.	.
1255	FM 960B2R	4.65	1.20	84.6	32.5	5.9	70.5	8.4	4.60	1828	.	.
1333	DPL 141BG2RF	4.40	1.20	83.5	29.5	6.2	72.0	9.1	4.60	1965	.	.
1309	FM 9063B2F	4.25	1.20	84.0	32.0	6.4	71.5	8.5	4.30	1847	.	.
1342	NM 03K1001	4.50	1.20	84.1	38.5	6.5	68.0	9.3	4.40	1506	.	.
1340	TAM 01E-22	4.60	1.20	83.5	34.0	5.9	69.5	9.3	4.55	1872	.	.
1166	PHYTOGEN 72	4.50	1.25	85.5	33.5	6.8	67.5	9.6	4.50	1455	.	.
1343	NM 03S1023	3.55	1.20	84.1	36.5	6.3	71.0	9.2	3.80	1402	.	.
.	LSD	0.48	0.07	1.6	3.1	0.4	3.0	0.8	0.35	255	.	.

---GOSSYPOL LEVELS---

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

VARIETY	VARIETY	PLUS	MINUS	TOTAL	A	D	M	p	w	t	
CODE	NAME	(+)	(-)	(%)	---(mm2/mm3)---		I	(%)	(microns)	(mg/in)	(microns)
1329	AR 9704-13-08	.	.	.	418	28.5	1.73	84	51.97	4.80	2.9
1337	JAJO 3007	.	.	.	437	38.5	1.92	78	55.26	4.89	2.8
1328	AR 9704-13-05	.	.	.	413	25.8	1.67	87	50.97	4.78	3.0
1224	DP 555 R/R	.	.	.	425	23.0	1.62	89	47.75	4.34	2.9
1196	STV 4892 BR	.	.	.	409	27.8	1.72	85	52.80	5.01	3.0
1306	CS 45	.	.	.	431	31.0	1.78	83	51.95	4.66	2.8
1331	CD 48	.	.	.	411	24.3	1.64	88	50.12	4.71	3.0
1303	CS 37	.	.	.	417	25.3	1.67	87	50.08	4.64	3.0
1330	AR 9803-23-08	.	.	.	468	28.0	1.72	85	46.18	3.82	2.6
1336	DPL 164BG2RF	.	.	.	421	22.3	1.60	90	47.74	4.38	3.0
1335	DPL 161BG2RF	.	.	.	418	26.3	1.68	86	50.66	4.69	2.9
1338	JAJO 3077	.	.	.	421	29.8	1.76	84	52.38	4.81	2.9
1332	CS 53	.	.	.	410	26.0	1.68	86	51.56	4.87	3.0
1339	NM 03N1168	.	.	.	476	21.8	1.60	90	41.95	3.41	2.6
1334	DPL 143BG2RF	.	.	.	448	23.0	1.62	89	45.33	3.92	2.8
1255	FM 960B2R	.	.	.	429	21.0	1.58	91	46.03	4.15	3.0
1333	DPL 141BG2RF	.	.	.	450	30.0	1.76	83	49.22	4.23	2.7
1309	FM 9063B2F	.	.	.	450	26.3	1.69	86	47.09	4.05	2.7
1342	NM 03K1001	.	.	.	447	21.0	1.58	91	44.19	3.82	2.8
1340	TAM 01E-22	.	.	.	444	28.3	1.73	85	48.93	4.27	2.7
1166	PHYTOGEN 72	.	.	.	438	21.5	1.59	90	45.47	4.02	2.9
1343	NM 03S1023	.	.	.	507	34.5	1.85	80	45.84	3.50	2.4
.	LSD	.	.	.	19.5	8.6	0.17	7	5.37	0.60	0.2

LOCATION=PORTAGEVILLE, MO

VARIETIES COMBINING LOCATIONS

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 (%)
1196	STV 4892 BR	1696	7.60	.	.	115	1.15	0.57	203	7.2
1329	AR 9704-13-08	1640	7.35	.	.	116	1.16	0.56	194	6.8
1328	AR 9704-13-05	1627	7.30	.	.	119	1.12	0.55	207	6.7
1337	JAJO 3007	1572	7.03	.	.	127	1.17	0.60	212	7.8
1330	AR 9803-23-08	1493	6.68	.	.	139	1.23	0.57	218	7.5
1336	DPL 164BG2RF	1465	6.60	.	.	119	1.22	0.57	191	7.3
1331	CD 48	1456	6.53	.	.	131	1.24	0.58	224	6.6
1309	FM 9063B2F	1452	6.48	.	.	129	1.19	0.57	219	5.9
1306	CS 45	1450	6.50	.	.	126	1.18	0.56	211	8.0
1166	PHYTOGEN 72	1440	6.45	.	.	145	1.23	0.60	247	7.8
1255	FM 960B2R	1402	6.30	.	.	134	1.16	0.54	232	5.9
1335	DPL 161BG2RF	1388	6.20	.	.	131	1.22	0.58	205	7.2
1338	JAJO 3077	1362	6.13	.	.	128	1.17	0.57	215	6.3
1334	DPL 143BG2RF	1349	6.05	.	.	127	1.25	0.55	196	7.3
1332	CS 53	1348	6.03	.	.	124	1.18	0.57	199	7.9
1303	CS 37	1342	6.03	.	.	125	1.18	0.56	211	7.3
1224	DP 555 R/R	1338	5.98	.	.	121	1.13	0.54	223	6.4
1339	NM 03N1168	1332	5.98	.	.	152	1.23	0.60	246	6.7
1342	NM 03K1001	1268	5.68	.	.	140	1.18	0.61	225	6.2
1333	DPL 141BG2RF	1200	5.40	.	.	123	1.25	0.56	200	7.5
1343	NM 03S1023	1155	5.18	.	.	158	1.21	0.62	291	6.2
1340	TAM 01E-22	1057	4.75	.	.	143	1.25	0.60	236	5.6
.	LSD	195	0.88	.	.	8	0.04	0.03	24	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)	SEED YIELD (lb/ac)	COLORIMETER HUNTER'S Rd	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)	
1196	STV 4892 BR	4.80	1.10	84.7	30.0	9.8	57.5	8.9	4.60	.	17.21	3.95
1329	AR 9704-13-08	4.20	1.15	84.2	30.0	9.0	61.0	8.8	4.15	.	17.43	4.09
1328	AR 9704-13-05	4.55	1.15	83.0	29.0	9.1	59.5	8.4	4.60	.	17.27	4.00
1337	JAJO 3007	4.10	1.20	84.4	30.0	9.6	60.0	9.3	4.30	.	18.78	4.15
1330	AR 9803-23-08	3.70	1.25	85.5	30.0	9.2	58.0	8.1	3.80	.	16.55	4.15
1336	DPL 164BG2RF	4.20	1.20	84.5	30.0	9.0	59.0	6.2	4.50	.	17.09	3.73

1331	CD 48	4.40	1.25	85.0	30.0	9.0	60.5	8.8	4.40	.	18.83	3.91
1309	FM 9063B2F	3.80	1.20	83.5	30.0	8.7	60.5	8.2	4.00	.	19.86	3.74
1306	CS 45	4.20	1.20	84.2	30.0	9.0	61.5	8.4	4.20	.	20.78	4.00
1166	PHYTOGEN 72	4.40	1.20	84.9	31.5	9.8	62.0	8.4	4.50	.	19.25	4.09
1255	FM 960B2R	4.20	1.20	83.6	33.0	9.2	61.0	7.5	4.20	.	19.40	3.96
1335	DPL 161BG2RF	4.40	1.20	85.1	30.5	9.0	59.5	8.1	4.45	.	16.93	4.01
1338	JAJO 3077	4.65	1.20	83.6	31.0	9.2	60.5	9.1	4.60	.	15.61	3.91
1334	DPL 143BG2RF	3.95	1.25	83.7	30.5	8.7	59.5	8.1	3.95	.	19.72	4.07
1332	CS 53	4.35	1.20	85.6	28.5	9.2	59.5	7.8	4.35	.	19.42	3.97
1303	CS 37	4.00	1.20	83.8	30.0	9.0	62.5	8.8	4.05	.	20.10	4.02
1224	DP 555 R/R	4.60	1.10	83.2	30.0	9.0	60.0	7.8	4.55	.	16.21	4.14
1339	NM 03N1168	3.45	1.25	85.3	30.0	8.7	60.5	8.5	3.60	.	19.82	4.09
1342	NM 03K1001	3.75	1.20	84.2	31.5	8.7	59.5	7.8	3.90	.	19.65	3.79
1333	DPL 141BG2RF	4.15	1.20	83.6	30.0	8.9	60.0	8.6	4.20	.	17.09	3.64
1343	NM 03S1023	4.30	1.25	84.4	34.0	9.4	57.5	8.8	4.40	.	18.80	3.83
1340	TAM 01E-22	3.90	1.25	83.5	31.5	8.5	59.0	9.2	4.05	.	18.89	3.87
.	LSD	0.45	0.09	1.6	1.4	0.5	4.4	0.8	0.47	.	1.40	0.33

---GOSSYPOL LEVELS---

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

VARIETY	VARIETY	PLUS	MINUS	TOTAL	A	D	M	p	w	t	
CODE	NAME	(+)	(-)	(%)	--- (mm2/mm3) ---	I	(%)	(microns)	(mg/in)	(microns)	
1196	STV 4892 BR	0.85	0.55	1.39	431	33.0	1.82	81	53.00	4.75	2.8
1329	AR 9704-13-08	0.60	0.46	1.04	471	40.0	1.95	76	52.12	4.28	2.6
1328	AR 9704-13-05	0.60	0.44	1.04	449	30.8	1.78	83	49.72	4.29	2.7
1337	JAJO 3007	0.74	0.44	1.17	462	39.5	1.95	77	52.78	4.42	2.6
1330	AR 9803-23-08	0.58	0.37	0.94	507	37.3	1.90	78	47.08	3.59	2.4
1336	DPL 164BG2RF	0.51	0.35	0.86	448	32.5	1.81	81	50.81	4.38	2.7
1331	CD 48	0.68	0.49	1.17	451	29.3	1.75	84	48.70	4.18	2.7
1309	FM 9063B2F	0.56	0.43	0.99	474	27.5	1.71	86	45.04	3.67	2.6
1306	CS 45	0.77	0.41	1.18	468	35.8	1.87	80	50.11	4.14	2.6
1166	PHYTOGEN 72	0.59	0.42	1.00	445	27.0	1.70	86	48.03	4.18	2.8
1255	FM 960B2R	0.63	0.45	1.08	469	35.0	1.86	80	49.71	4.10	2.6
1335	DPL 161BG2RF	0.48	0.36	0.84	448	31.5	1.79	83	50.26	4.34	2.7
1338	JAJO 3077	0.62	0.45	1.06	445	25.0	1.66	87	46.84	4.08	2.8
1334	DPL 143BG2RF	0.83	0.63	1.46	491	38.8	1.93	77	49.32	3.89	2.4
1332	CS 53	0.85	0.54	1.39	457	35.8	1.88	79	51.47	4.36	2.6
1303	CS 37	0.80	0.41	1.21	503	43.0	2.01	74	49.99	3.84	2.4
1224	DP 555 R/R	0.58	0.39	0.97	440	24.5	1.65	88	46.96	4.12	2.8
1339	NM 03N1168	0.67	0.39	1.06	530	34.3	1.84	80	43.62	3.19	2.3
1342	NM 03K1001	0.58	0.51	1.09	498	29.8	1.76	84	44.38	3.45	2.5
1333	DPL 141BG2RF	0.71	0.54	1.25	471	36.0	1.88	79	50.04	4.11	2.6
1343	NM 03S1023	0.48	0.32	0.80	469	25.0	1.66	87	44.54	3.68	2.7
1340	TAM 01E-22	0.71	0.46	1.17	481	35.5	1.87	79	48.81	3.93	2.5

. LSD 0.06 0.06 0.12 31.5 9.9 0.19 8 3.57 0.37 0.2

LOCATION=LAS CRUCES, NM

VARIETIES COMBINING LOCATIONS

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 (%)
1224	DP 555 R/R	1308	4.52	47.0	.	.	.	.	.	.
1306	CS 45	1279	4.31	44.4	.	101	1.07	0.57	211	7.4
1303	CS 37	1241	4.18	43.4	.	106	1.10	0.58	211	8.3
1331	CD 48	1137	4.58	43.2	.	114	1.13	0.58	196	5.2
1338	JAJO 3077	1093	4.92	46.5	.	115	1.13	0.56	192	7.8
1332	CS 53	1089	4.29	39.8	.	106	1.07	0.58	183	7.1
1337	JAJO 3007	1051	4.99	45.1	.	117	1.12	0.62	205	9.2
1196	STV 4892 BR	1037	4.99	44.3	.	.	.	.	.	.
1255	FM 960B2R	1037	5.53	44.7	.	.	.	.	.	.
1328	AR 9704-13-05	1023	5.36	45.0	.	101	1.04	0.55	207	5.8
1330	AR 9803-23-08	995	5.41	43.8	.	121	1.16	0.60	211	8.3
1342	NM 03K1001	958	4.70	42.1	.	156	1.18	0.63	233	8.2
1329	AR 9704-13-08	931	5.29	44.3	.	101	1.08	0.56	199	6.4
1309	FM 9063B2F	910	5.13	41.8	.	125	1.14	0.57	170	9.2
1343	NM 03S1023	899	4.95	39.3	.	150	1.18	0.62	244	6.9
1166	PHYTOGEN 72	894	5.08	43.0	.	.	.	.	.	.
1339	NM 03N1168	883	4.77	40.7	.	138	1.20	0.64	248	6.9
1340	TAM 01E-22	810	4.87	40.2	.	130	1.16	0.60	237	5.5
.	LSD	152	0.48	1.7	.	7	0.03	0.04	17	1.7

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)	COLORIMETER HUNTER'S		MICRO- NAIRE (Reading)	OIL (%)	NITR OGEN (%)	
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)		E	Rd				b
1224	DP 555 R/R	.	.	.	.	.	.	.	.	1473	.	.
1306	CS 45	4.65	1.10	81.7	30.5	6.4	73.0	9.1	4.60	1606	22.76	3.58
1303	CS 37	4.65	1.10	82.0	29.0	6.8	77.0	8.3	4.50	1618	23.65	3.55
1331	CD 48	4.95	1.20	82.9	30.5	6.3	73.0	9.1	5.05	1493	20.67	3.52

1338	JAJO 3077	5.20	1.10	81.8	33.5	7.0	72.5	9.1	5.25	1259	18.55	3.37
1332	CS 53	4.85	1.10	83.0	26.5	7.1	76.5	8.4	4.85	1645	21.98	3.38
1337	JAJO 3007	4.65	1.15	83.2	32.0	7.8	72.5	9.9	4.65	1277	22.75	3.50
1196	STV 4892 BR	.	.	.	.	.	.	.	.	1304	.	.
1255	FM 960B2R	.	.	.	.	.	.	.	.	1289	.	.
1328	AR 9704-13-05	5.30	1.05	82.2	29.0	6.6	73.5	8.6	5.35	1249	22.13	3.62
1330	AR 9803-23-08	4.40	1.20	83.7	31.5	7.1	74.5	8.9	4.60	1275	22.48	3.81
1342	NM 03K1001	4.60	1.20	83.3	40.0	7.2	72.0	9.7	4.65	1320	22.73	3.32
1329	AR 9704-13-08	5.60	1.10	82.5	29.5	7.0	75.0	8.9	5.45	1164	23.09	3.55
1309	FM 9063B2F	4.60	1.20	81.7	30.5	6.2	77.0	8.0	4.85	1270	22.95	3.36
1343	NM 03S1023	4.15	1.20	84.5	38.0	6.7	71.0	8.3	4.10	1387	22.24	3.47
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	1184	.	.
1339	NM 03N1168	4.00	1.20	84.1	34.0	6.9	70.5	8.0	4.05	1287	25.31	3.35
1340	TAM 01E-22	4.65	1.20	82.6	35.5	6.2	73.0	8.3	4.65	1209	23.41	3.91
.	LSD	0.45	0.06	1.0	3.1	0.3	4.0	0.8	0.37	206	1.78	0.29

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1224	DP 555 R/R	.	.	.	.	.	.	.	.	.	.
1306	CS 45	0.92	0.48	1.39	430	16.8	1.48	94	43.05	3.87	3.0
1303	CS 37	0.98	0.51	1.49	447	24.5	1.65	88	46.35	4.01	2.8
1331	CD 48	0.83	0.61	1.44	412	17.5	1.50	94	45.54	4.28	3.1
1338	JAJO 3077	0.72	0.59	1.31	391	11.8	1.35	99	43.38	4.29	3.4
1332	CS 53	0.92	0.59	1.51	417	17.5	1.49	94	44.67	4.14	3.1
1337	JAJO 3007	0.94	0.60	1.54	424	26.8	1.70	86	50.36	4.61	2.9
1196	STV 4892 BR	.	.	.	.	.	.	.	.	.	.
1255	FM 960B2R	.	.	.	.	.	.	.	.	.	.
1328	AR 9704-13-05	0.81	0.60	1.41	388	10.8	1.33	100	42.91	4.28	3.5
1330	AR 9803-23-08	0.76	0.51	1.27	446	19.3	1.54	92	43.20	3.75	2.9
1342	NM 03K1001	0.66	0.47	1.12	427	12.8	1.38	98	40.35	3.65	3.1
1329	AR 9704-13-08	0.86	0.70	1.56	380	13.3	1.39	98	45.90	4.68	3.5
1309	FM 9063B2F	0.68	0.54	1.22	423	20.5	1.57	91	46.37	4.24	3.0
1343	NM 03S1023	0.78	0.53	1.30	484	22.3	1.60	90	41.56	3.33	2.6
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	.
1339	NM 03N1168	0.84	0.52	1.36	500	19.0	1.53	93	38.31	2.97	2.6
1340	TAM 01E-22	0.86	0.61	1.46	434	21.5	1.58	90	45.72	4.10	2.9
.	LSD	0.09	0.09	0.14	35.8	10.0	0.23	9	5.92	0.67	0.4

LOCATION=KEISER, AR

VARIETIES COMBINING LOCATIONS

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 (%)
1336	DPL 164BG2RF	1523	3.98	40.3	9.2	139	1.18	0.57	207	6.7
1338	JAJO 3077	1503	4.52	43.9	9.7	139	1.18	0.59	211	6.3
1335	DPL 161BG2RF	1479	4.06	40.6	11.1	148	1.21	0.59	205	6.8
1224	DP 555 R/R	1452	4.29	43.8	9.5	133	1.12	0.53	183	6.2
1196	STV 4892 BR	1422	4.46	43.1	8.3	134	1.10	0.54	201	6.8
1331	CD 48	1420	4.10	39.9	10.1	139	1.18	0.56	199	5.5
1342	NM 03K1001	1404	4.14	41.3	10.8	172	1.20	0.60	252	5.7
1333	DPL 141BG2RF	1388	4.13	39.3	10.3	135	1.18	0.56	203	6.7
1306	CS 45	1380	3.93	40.6	10.0	140	1.16	0.57	212	7.4
1337	JAJO 3007	1379	4.34	42.0	9.4	140	1.17	0.59	209	8.4
1329	AR 9704-13-08	1341	4.22	40.5	10.9	132	1.14	0.57	206	6.6
1332	CS 53	1333	4.09	37.9	11.1	140	1.15	0.57	197	7.4
1303	CS 37	1333	4.25	38.6	10.0	145	1.18	0.60	218	7.6
1328	AR 9704-13-05	1326	4.43	41.0	9.9	139	1.12	0.57	214	6.6
1334	DPL 143BG2RF	1313	4.31	39.0	8.9	137	1.20	0.57	198	6.8
1309	FM 9063B2F	1299	4.99	38.8	10.0	149	1.22	0.59	222	6.5
1339	NM 03N1168	1275	3.90	38.1	9.8	169	1.25	0.62	225	6.8
1330	AR 9803-23-08	1244	4.75	41.5	10.6	156	1.23	0.60	231	8.4
1166	PHYTOGEN 72	1240	4.65	38.8	10.8	166	1.21	0.59	243	7.4
1255	FM 960B2R	1202	4.40	39.3	8.4	146	1.16	0.54	209	5.9
1343	NM 03S1023	1148	4.14	34.8	9.1	165	1.18	0.59	239	7.1
1340	TAM 01E-22	1016	4.62	36.4	9.3	155	1.25	0.62	216	5.4
.	LSD	188	0.63	1.6	2.4	9	0.05	0.05	15	0.9

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFO-MITY (%)	STRE-NGTH (g/tex)	SEED YIELD (lb/ac)	COLORIMETER HUNTER'S Rd	MICRO-NAIRE (Reading)	OIL (%)	NITR OGEN (%)
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1336	DPL 164BG2RF	4.10	1.20	83.8	29.5	6.0	68.0	7.7	4.10	2206	16.87	3.13
1338	JAJO 3077	4.75	1.20	83.4	33.0	6.9	66.5	7.8	4.75	1909	16.97	3.51
1335	DPL 161BG2RF	4.15	1.20	83.6	30.5	6.3	66.5	7.1	4.05	2059	16.13	3.36
1224	DP 555 R/R	4.35	1.15	83.1	29.5	5.8	70.0	7.7	4.40	1782	17.89	3.87
1196	STV 4892 BR	4.50	1.10	83.1	29.0	6.3	66.5	7.9	4.55	1697	18.68	3.50

1331	CD 48	4.25	1.20	82.0	30.0	5.8	63.0	7.9	4.10	2007	18.16	3.44
1342	NM 03K1001	4.05	1.25	85.0	37.5	6.9	66.0	7.4	4.05	1956	20.56	3.47
1333	DPL 141BG2RF	3.80	1.20	83.3	28.5	5.9	64.0	8.1	4.10	1954	17.71	3.33
1306	CS 45	4.35	1.20	83.2	30.5	6.3	68.5	7.3	4.20	2022	21.46	3.70
1337	JAJO 3007	3.95	1.20	84.8	31.5	7.1	65.0	8.6	4.05	1897	20.07	3.63
1329	AR 9704-13-08	4.55	1.20	83.7	29.5	6.5	66.5	8.0	4.65	1822	19.22	3.87
1332	CS 53	4.40	1.20	83.9	29.5	6.4	66.0	7.0	4.35	2014	20.54	3.21
1303	CS 37	3.85	1.25	83.9	31.0	6.3	67.0	7.2	3.85	2047	21.66	3.65
1328	AR 9704-13-05	4.55	1.10	84.0	31.5	6.6	65.5	7.3	4.45	2027	18.73	3.67
1334	DPL 143BG2RF	4.00	1.20	83.0	29.0	5.8	65.0	7.6	3.85	1991	20.55	3.07
1309	FM 9063B2F	3.85	1.20	83.8	32.5	6.0	68.5	7.0	3.85	1964	20.92	3.31
1339	NM 03N1168	3.45	1.30	85.1	32.5	6.6	64.5	7.0	3.65	1945	22.30	3.35
1330	AR 9803-23-08	3.85	1.25	85.2	31.0	6.9	64.5	7.1	3.95	1770	19.86	3.65
1166	PHYTOGEN 72	4.40	1.20	84.5	34.0	7.0	64.5	7.8	4.40	1938	22.11	3.71
1255	FM 960B2R	4.05	1.20	83.3	34.0	6.2	67.0	7.5	4.00	1839	20.60	3.75
1343	NM 03S1023	3.40	1.25	84.0	34.5	6.6	65.5	7.4	3.45	2160	21.29	3.46
1340	TAM 01E-22	4.15	1.25	84.9	34.5	6.2	67.0	7.8	4.10	1677	21.76	3.57
.	LSD	0.61	0.08	1.3	1.8	0.4	5.0	1.1	0.52	361	1.79	0.30

---GOSSYPOL LEVELS---

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

VARIETY	VARIETY	PLUS	MINUS	TOTAL	A	D	M	p	w	t	
CODE	NAME	(+)	(-)	(%)	--- (mm2/mm3) ---	I	(%)	(microns)	(mg/in)	(microns)	
1336	DPL 164BG2RF	0.55	0.37	0.92	481	34.8	1.85	80	48.47	3.92	2.5
1338	JAJO 3077	0.65	0.51	1.16	427	19.5	1.54	92	45.33	4.11	3.0
1335	DPL 161BG2RF	0.50	0.36	0.86	473	30.5	1.77	83	46.89	3.84	2.6
1224	DP 555 R/R	0.63	0.42	1.05	465	26.0	1.67	87	44.78	3.72	2.7
1196	STV 4892 BR	0.93	0.59	1.51	428	24.8	1.66	87	48.48	4.38	2.9
1331	CD 48	0.67	0.49	1.17	474	32.5	1.81	82	48.03	3.92	2.6
1342	NM 03K1001	0.55	0.37	0.92	475	24.5	1.65	88	43.58	3.54	2.6
1333	DPL 141BG2RF	0.76	0.58	1.33	469	29.3	1.75	84	46.78	3.86	2.6
1306	CS 45	0.84	0.41	1.24	468	33.8	1.84	81	49.33	4.09	2.6
1337	JAJO 3007	0.82	0.46	1.28	479	39.5	1.94	77	50.95	4.12	2.5
1329	AR 9704-13-08	0.59	0.51	1.10	436	27.3	1.71	86	49.12	4.36	2.8
1332	CS 53	0.89	0.55	1.45	455	34.8	1.86	80	51.13	4.35	2.6
1303	CS 37	0.83	0.41	1.23	507	45.8	2.05	73	50.85	3.89	2.3
1328	AR 9704-13-05	0.62	0.47	1.08	461	30.3	1.77	83	48.16	4.04	2.6
1334	DPL 143BG2RF	0.92	0.68	1.60	493	34.8	1.85	80	47.31	3.72	2.5
1309	FM 9063B2F	0.57	0.43	0.99	491	29.8	1.76	84	44.91	3.54	2.5
1339	NM 03N1168	0.76	0.45	1.21	535	38.0	1.92	78	44.93	3.25	2.2
1330	AR 9803-23-08	0.61	0.40	1.00	479	32.5	1.81	82	47.46	3.83	2.5
1166	PHYTOGEN 72	0.67	0.50	1.17	462	21.5	1.58	90	43.02	3.61	2.8
1255	FM 960B2R	0.71	0.42	1.13	467	35.3	1.87	80	50.16	4.16	2.6
1343	NM 03S1023	0.69	0.44	1.13	530	39.3	1.94	77	45.97	3.36	2.2

1340	TAM 01E-22	0.78	0.52	1.30	472	32.5	1.81	82	48.08	3.94	2.6
.	LSD	0.11	0.11	0.14	36.2	9.9	0.20	8	3.51	0.39	0.3

LOCATION=FLORENCE, SC

VARIETIES COMBINING LOCATIONS

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 (%)
1330	AR 9803-23-08	1023	5.58	41.6	9.6	139	1.13	0.58	229	8.0
1329	AR 9704-13-08	1020	5.48	42.1	10.0	116	1.09	0.57	211	5.9
1328	AR 9704-13-05	994	5.52	41.2	9.3	124	1.08	0.57	223	6.3
1333	DPL 141BG2RF	943	5.00	40.4	8.5	120	1.12	0.58	201	6.9
1334	DPL 143BG2RF	914	5.35	38.3	9.0	117	1.16	0.56	198	6.3
1303	CS 37	852	4.87	38.4	8.9	127	1.11	0.54	243	7.3
1196	STV 4892 BR	850	4.92	41.1	9.2	117	1.07	0.55	195	6.2
1336	DPL 164BG2RF	848	5.01	37.3	8.6	134	1.11	0.54	200	5.4
1331	CD 48	846	5.11	39.3	9.2	119	1.16	0.60	199	5.7
1337	JAJO 3007	842	5.16	39.4	8.8	141	1.15	0.60	224	6.9
1332	CS 53	836	4.47	34.6	9.5	122	1.13	0.59	214	7.7
1224	DP 555 R/R	812	5.00	40.6	8.0	123	1.10	0.54	209	6.4
1306	CS 45	811	4.61	37.9	8.8	131	1.13	0.56	227	7.4
1335	DPL 161BG2RF	809	4.98	39.4	8.7	120	1.12	0.59	207	5.3
1309	FM 9063B2F	807	5.47	39.2	9.8	122	1.13	0.58	220	5.2
1255	FM 960B2R	781	5.59	38.5	10.0	132	1.14	0.57	204	5.7
1338	JAJO 3077	743	5.55	40.8	9.0	130	1.10	0.58	237	6.3
1339	NM 03N1168	733	5.06	34.6	9.9	155	1.23	0.63	242	6.3
1166	PHYTOGEN 72	730	4.90	39.6	8.7	147	1.12	0.59	249	8.3
1342	NM 03K1001	699	4.54	36.9	9.2	153	1.12	0.59	262	6.3
1343	NM 03S1023	688	4.88	36.8	9.4	166	1.13	0.59	281	6.4
1340	TAM 01E-22	620	4.96	35.4	10.5	140	1.21	0.62	227	5.8
.	LSD	123	0.34	2.3	0.5	12	0.06	0.06	21	1.0

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

VARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	SEED YIELD	COLORIMETER	MICRO-	SEED YIELD	OIL	NITR OGEN	
		NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)		HUNTER'S Rd	NAIRE (Reading)				(lb/ac)
1330	AR 9803-23-08	4.00	1.10	82.4	34.0	6.6	74.0	7.9	4.15	1445	17.74	4.05

1329	AR 9704-13-08	4.50	1.10	81.7	30.5	6.0	75.5	8.3	4.70	1408	17.52	4.24
1328	AR 9704-13-05	4.40	1.05	82.4	31.5	6.1	72.0	7.9	4.40	1416	17.45	3.99
1333	DPL 141BG2RF	4.50	1.10	81.7	30.5	6.4	74.5	7.1	4.75	1393	18.05	3.85
1334	DPL 143BG2RF	3.80	1.15	81.8	29.0	6.0	76.0	7.2	3.95	1476	18.80	3.83
1303	CS 37	4.20	1.10	81.3	33.5	6.3	75.5	7.8	4.20	1366	20.03	4.08
1196	STV 4892 BR	4.60	1.00	81.5	28.5	5.8	73.5	8.9	4.60	1215	18.52	4.14
1336	DPL 164BG2RF	4.05	1.10	81.9	29.5	6.1	75.5	7.2	4.10	1423	17.42	4.00
1331	CD 48	4.45	1.10	82.2	31.0	5.8	74.0	8.7	4.55	1304	17.53	4.08
1337	JAJO 3007	3.50	1.10	82.8	34.5	6.7	73.5	9.8	3.65	1292	16.89	4.10
1332	CS 53	3.70	1.10	82.4	31.0	6.2	76.0	8.1	3.80	1584	18.98	3.97
1224	DP 555 R/R	3.65	1.10	80.9	29.0	5.2	74.0	6.5	3.90	1190	16.53	4.21
1306	CS 45	3.50	1.10	81.9	33.5	6.2	75.0	7.8	3.65	1337	20.03	4.20
1335	DPL 161BG2RF	4.80	1.10	81.2	32.0	6.6	76.0	7.5	4.95	1247	17.75	3.94
1309	FM 9063B2F	4.00	1.10	81.9	33.0	6.0	76.0	7.7	4.15	1252	19.49	3.84
1255	FM 960B2R	3.40	1.10	80.7	29.5	5.0	75.0	8.5	3.50	1250	18.89	4.09
1338	JAJO 3077	5.05	1.10	81.4	39.0	6.9	74.0	8.4	5.20	1078	15.66	4.07
1339	NM 03N1168	3.15	1.20	82.6	33.5	6.1	73.5	7.2	3.30	1383	20.69	4.11
1166	PHYTOGEN 72	3.85	1.10	81.8	34.5	6.5	72.0	8.1	4.05	1108	16.63	4.07
1342	NM 03K1001	3.70	1.10	82.2	37.0	6.6	72.5	7.3	3.90	1193	18.83	3.88
1343	NM 03S1023	3.80	1.15	82.4	42.0	6.6	74.0	8.6	3.90	1177	17.43	3.94
1340	TAM 01E-22	3.50	1.15	82.1	35.0	5.6	73.5	8.6	3.60	1137	17.26	3.97
.	LSD	1.00	0.06	1.7	3.9	0.3	2.4	1.1	0.91	177	1.14	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)
1330	AR 9803-23-08	0.39	0.27	0.66	475	31.0	1.78	83	47.15	3.85	2.6
1329	AR 9704-13-08	0.51	0.35	0.85	436	27.3	1.71	86	49.23	4.40	2.8
1328	AR 9704-13-05	0.47	0.32	0.79	422	22.0	1.59	90	47.29	4.34	3.0
1333	DPL 141BG2RF	0.65	0.45	1.10	449	30.3	1.76	84	49.15	4.26	2.7
1334	DPL 143BG2RF	0.71	0.48	1.19	492	33.3	1.82	81	46.53	3.69	2.5
1303	CS 37	0.63	0.28	0.90	472	37.3	1.90	78	50.62	4.15	2.5
1196	STV 4892 BR	0.52	0.32	0.84	447	31.3	1.78	83	49.74	4.30	2.8
1336	DPL 164BG2RF	0.44	0.25	0.69	502	37.3	1.91	78	47.60	3.67	2.4
1331	CD 48	0.51	0.30	0.81	471	33.5	1.83	81	48.80	4.02	2.6
1337	JAJO 3007	0.52	0.27	0.79	529	53.8	2.18	67	51.90	3.80	2.2
1332	CS 53	0.67	0.36	1.02	496	35.3	1.86	80	46.80	3.68	2.4
1224	DP 555 R/R	0.46	0.26	0.71	496	33.8	1.84	81	46.45	3.62	2.4
1306	CS 45	0.59	0.26	0.85	496	42.3	1.98	75	50.01	3.94	2.4
1335	DPL 161BG2RF	0.40	0.28	0.67	419	21.5	1.57	91	47.02	4.35	3.1
1309	FM 9063B2F	0.50	0.32	0.81	477	29.8	1.76	84	46.10	3.74	2.6
1255	FM 960B2R	0.42	0.25	0.67	531	50.8	2.13	69	50.34	3.69	2.2
1338	JAJO 3077	0.57	0.36	0.62	407	20.8	1.57	91	48.34	4.59	3.1

1339	NM 03N1168	0.58	0.29	0.87	574	45.3	2.04	73	44.86	3.06	2.1
1166	PHYTOGEN 72	0.49	0.29	0.78	487	25.3	1.67	87	42.91	3.41	2.6
1342	NM 03K1001	0.53	0.31	0.84	497	29.8	1.76	84	44.41	3.45	2.5
1343	NM 03S1023	0.40	0.24	0.64	482	27.5	1.71	86	44.16	3.55	2.6
1340	TAM 01E-22	0.58	0.34	0.92	528	40.3	1.94	77	46.09	3.42	2.3
.	LSD	0.10	0.10	0.21	89.9	21.0	0.40	15	3.35	0.61	0.6

LOCATION=BELLE MINA, AL

VARIETIES COMBINING LOCATIONS

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 (%)
1329	AR 9704-13-08	380	4.25	41.0	9.4	106	1.07	0.52	183	7.4
1332	CS 53	370	3.96	35.8	8.2	118	1.08	0.53	176	8.1
1328	AR 9704-13-05	365	4.30	40.0	8.9	117	1.05	0.52	184	7.1
1331	CD 48	340	3.99	39.0	8.1	119	1.12	0.52	171	6.1
1224	DP 555 R/R	318	3.68	40.3	7.2	104	1.04	0.48	154	5.4
1166	PHYTOGEN 72	305	3.89	39.0	8.2	132	1.13	0.53	188	7.2
1255	FM 960B2R	302	3.74	36.8	8.9	124	1.08	0.49	184	5.7
1335	DPL 161BG2RF	300	3.39	38.3	7.6	105	1.09	0.50	171	5.8
1342	NM 03K1001	293	3.72	37.3	8.6	142	1.14	0.56	228	5.0
1330	AR 9803-23-08	292	4.09	40.5	8.3	129	1.17	0.55	203	8.8
1343	NM 03S1023	290	4.33	34.0	9.6	148	1.14	0.55	233	6.8
1339	NM 03N1168	289	3.82	33.3	8.9	139	1.17	0.55	212	6.4
1336	DPL 164BG2RF	268	3.61	35.8	8.0	97	1.09	0.51	172	6.7
1337	JAJO 3007	263	3.96	38.0	8.2	114	1.05	0.50	188	8.4
1309	FM 9063B2F	256	3.72	36.0	9.1	129	1.14	0.52	195	7.3
1303	CS 37	253	3.70	36.8	7.8	116	1.11	0.51	189	7.8
1196	STV 4892 BR	244	3.69	38.3	8.1	113	1.04	0.50	150	6.7
1306	CS 45	234	3.46	36.8	7.6	117	1.09	0.51	198	8.3
1334	DPL 143BG2RF	234	3.38	36.0	8.5	98	1.11	0.51	164	6.8
1338	JAJO 3077	232	3.68	40.8	7.1	105	1.05	0.49	188	6.9
1333	DPL 141BG2RF	232	3.61	38.3	7.7	93	1.07	0.50	158	6.3
1340	TAM 01E-22	206	3.76	35.0	9.9	135	1.16	0.54	185	5.4
.	LSD	69	0.49	1.3	0.6	14	0.05	0.03	15	0.8

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)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)	
1329	AR 9704-13-08	3.40	1.10	81.0	24.0	5.9	73.0	9.9	3.50	546	16.53	3.83
1332	CS 53	3.15	1.10	82.4	25.0	6.3	68.0	9.7	3.15	665	16.03	3.57
1328	AR 9704-13-05	3.10	1.05	81.2	24.5	5.8	71.5	10.0	3.20	550	15.54	3.82
1331	CD 48	3.15	1.15	81.1	26.0	5.8	70.0	10.5	3.15	531	16.54	3.74
1224	DP 555 R/R	2.70	1.05	79.2	17.5	4.1	74.5	8.9	2.80	471	14.48	4.18
1166	PHYTOGEN 72	2.85	1.10	81.5	26.5	5.9	69.5	10.5	2.85	480	16.45	4.01
1255	FM 960B2R	2.45	1.10	80.2	21.5	4.5	75.0	9.2	2.55	516	16.73	3.88
1335	DPL 161BG2RF	2.85	1.10	80.5	25.0	5.7	71.0	9.9	2.90	487	14.86	3.61
1342	NM 03K1001	2.65	1.10	80.8	32.0	5.9	68.0	10.0	2.70	495	15.58	3.72
1330	AR 9803-23-08	2.90	1.15	81.2	26.5	6.4	71.5	10.0	2.95	427	16.67	3.94
1343	NM 03S1023	2.60	1.15	82.6	30.5	5.8	68.5	9.3	2.65	559	15.50	3.53
1339	NM 03N1168	2.40	1.20	82.1	26.5	5.6	71.5	10.0	2.50	577	17.85	3.72
1336	DPL 164BG2RF	2.55	1.10	79.5	21.0	4.9	74.5	10.0	2.65	479	15.00	3.52
1337	JAJO 3007	2.70	1.10	80.8	25.5	5.9	69.0	11.0	2.80	429	15.39	3.74
1309	FM 9063B2F	2.50	1.15	80.7	26.0	5.4	75.0	9.4	2.55	455	16.80	3.64
1303	CS 37	2.50	1.10	81.5	22.0	5.2	73.0	9.8	2.60	434	17.45	3.63
1196	STV 4892 BR	2.70	1.00	80.9	22.0	5.5	69.5	10.5	2.85	393	15.70	3.92
1306	CS 45	2.60	1.10	80.7	26.5	5.9	70.5	10.0	2.60	403	17.44	3.67
1334	DPL 143BG2RF	2.40	1.15	79.5	21.5	5.2	72.5	9.9	2.60	419	15.39	3.72
1338	JAJO 3077	3.00	1.10	79.4	25.0	5.3	70.0	10.0	3.15	338	12.96	3.66
1333	DPL 141BG2RF	2.65	1.10	79.6	22.0	5.2	69.5	10.0	2.70	375	14.61	3.67
1340	TAM 01E-22	2.80	1.15	80.6	31.5	5.7	70.5	10.5	2.80	383	15.53	3.68
.	LSD	0.34	0.09	1.5	4.4	0.6	3.9	0.8	0.29	113	1.22	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)
1329	AR 9704-13-08	0.51	0.39	0.90	556	48.8	2.10	70	47.58	3.33	2.1
1332	CS 53	0.67	0.41	1.07	550	47.5	2.08	71	47.56	3.35	2.2
1328	AR 9704-13-05	0.49	0.33	0.81	573	53.0	2.17	68	47.66	3.22	2.0
1331	CD 48	0.54	0.34	0.88	566	47.0	2.07	72	45.95	3.14	2.1
1224	DP 555 R/R	0.46	0.26	0.72	635	70.3	2.44	58	48.17	2.94	1.8
1166	PHYTOGEN 72	0.46	0.30	0.76	620	56.5	2.23	66	45.22	2.83	1.9
1255	FM 960B2R	0.47	0.29	0.75	672	74.5	2.50	55	46.63	2.68	1.7
1335	DPL 161BG2RF	0.48	0.25	0.73	605	54.5	2.20	67	45.62	2.92	1.9
1342	NM 03K1001	0.41	0.25	0.66	663	71.8	2.46	57	46.52	2.71	1.7
1330	AR 9803-23-08	0.37	0.21	0.58	615	57.0	2.24	66	45.68	2.89	1.9
1343	NM 03S1023	0.54	0.47	0.86	682	63.8	2.34	62	43.10	2.44	1.7

1339	NM 03N1168	0.52	0.28	0.80	.	.	.	.	.	.	.
1336	DPL 164BG2RF	0.54	0.24	0.78	682	70.5	2.44	58	44.94	2.55	1.7
1337	JAJO 3007	0.51	0.27	0.78	637	70.3	2.43	58	48.04	2.92	1.8
1309	FM 9063B2F	0.53	0.35	0.88	682	64.5	2.35	61	43.27	2.45	1.7
1303	CS 37	0.42	0.27	0.69	650	74.0	2.49	55	48.10	2.86	1.7
1196	STV 4892 BR	0.59	0.33	0.92	645	70.0	2.43	58	47.36	2.85	1.8
1306	CS 45	0.71	0.43	1.14	642	71.5	2.45	57	48.05	2.90	1.8
1334	DPL 143BG2RF	0.58	0.43	1.01	680	72.0	2.46	56	45.46	2.58	1.7
1338	JAJO 3077	0.41	0.26	0.66	625	63.3	2.33	62	46.84	2.91	1.8
1333	DPL 141BG2RF	0.51	0.35	0.87	646	67.3	2.39	60	46.42	2.78	1.8
1340	TAM 01E-22	0.56	0.37	0.93	617	56.8	2.23	66	45.42	2.86	1.9
.	LSD	0.11	0.11	0.20	63.0	13.3	0.20	8	2.09	0.39	0.2

2007 NATIONAL COTTON VARIETY TEST
OVERALL SUMMARIES FOR HIGH QUALITY BY VARIETIES

VARIETIES COMBINING LOCATIONS

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 (%)
1196	STV 4892 BR	1182	5.04	41.2	9.4	122	1.09	0.56	191	7.2
1224	DP 555 R/R	1175	4.72	42.7	8.2	120	1.09	0.53	190	6.1
1330	AR 9803-23-08	1158	5.33	41.5	9.7	136	1.19	0.59	214	8.1
1329	AR 9704-13-08	1150	5.42	41.6	10.6	116	1.11	0.56	196	6.8
1328	AR 9704-13-05	1148	5.52	40.9	10.1	122	1.09	0.56	201	6.6
1331	CD 48	1111	4.79	40.3	9.4	126	1.17	0.57	201	5.8
1306	CS 45	1103	4.80	38.4	9.2	124	1.13	0.56	210	7.8
1303	CS 37	1100	4.85	38.7	9.3	125	1.12	0.56	208	7.6
1255	FM 960B2R	1100	5.34	39.2	10.2	135	1.14	0.55	209	5.6
1337	JAJO 3007	1065	5.28	40.8	9.5	127	1.13	0.59	206	8.1
1338	JAJO 3077	1056	4.99	43.1	8.8	125	1.13	0.56	211	6.9
1336	DPL 164BG2RF	1010	5.01	37.8	9.1	124	1.15	0.56	197	6.4
1334	DPL 143BG2RF	1010	5.05	38.1	9.2	121	1.17	0.56	198	6.7
1335	DPL 161BG2RF	999	4.79	38.9	9.1	128	1.16	0.58	204	6.6
1309	FM 9063B2F	997	5.47	38.7	10.6	134	1.16	0.57	210	6.6
1333	DPL 141BG2RF	994	4.76	39.5	8.9	122	1.15	0.56	198	7.1
1166	PHYTOGEN 72	993	5.16	38.9	9.9	147	1.18	0.60	232	7.6
1332	CS 53	979	4.62	37.8	10.1	121	1.13	0.57	196	7.9
1343	NM 03S1023	931	4.77	35.1	9.6	155	1.16	0.60	254	6.8
1339	NM 03N1168	919	5.05	36.1	10.1	150	1.22	0.61	238	6.6
1342	NM 03K1001	893	4.69	38.6	9.9	153	1.17	0.60	240	6.5
1340	TAM 01E-22	819	5.11	35.9	11.4	141	1.21	0.60	226	5.7
.	LSD	167	0.33	1.7	0.6	5	0.02	0.01	11	0.7

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1196	STV 4892 BR	4.53	1.08	82.9	29.1	6.8	69.1	8.6	4.49	1576	18.20	3.78
1224	DP 555 R/R	4.28	1.10	82.0	28.6	6.1	71.8	7.5	4.31	1581	16.40	3.92
1330	AR 9803-23-08	4.04	1.20	83.9	30.9	7.2	70.2	8.0	4.12	1637	19.44	3.82
1329	AR 9704-13-08	4.69	1.13	83.0	29.2	6.8	71.3	8.5	4.67	1502	19.18	3.81
1328	AR 9704-13-05	4.61	1.09	83.0	29.7	6.7	70.1	8.1	4.58	1631	18.75	3.71
1331	CD 48	4.49	1.18	83.0	30.4	6.4	69.4	8.6	4.44	1573	18.72	3.65
1306	CS 45	4.16	1.16	82.9	30.8	6.8	71.3	8.2	4.15	1781	20.78	3.70
1303	CS 37	4.19	1.14	82.5	30.2	6.7	72.1	8.1	4.19	1735	21.15	3.69
1255	FM 960B2R	4.09	1.17	82.7	31.5	6.2	70.5	7.7	4.09	1647	20.10	3.76
1337	JAJO 3007	4.17	1.14	83.7	31.1	7.4	69.3	9.3	4.21	1403	19.15	3.77
1338	JAJO 3077	4.73	1.15	82.6	32.7	7.0	70.5	8.6	4.74	1251	16.28	3.78
1336	DPL 164BG2RF	4.15	1.16	82.9	28.8	6.5	70.9	7.6	4.21	1560	17.21	3.51
1334	DPL 143BG2RF	3.91	1.18	82.4	28.4	6.4	70.0	7.9	3.98	1619	19.10	3.55
1335	DPL 161BG2RF	4.40	1.16	83.3	30.3	6.8	70.4	7.8	4.41	1461	17.30	3.64
1309	FM 9063B2F	4.09	1.18	83.1	31.1	6.5	72.1	7.7	4.16	1449	20.52	3.51
1333	DPL 141BG2RF	4.05	1.16	82.5	29.0	6.6	69.5	8.1	4.20	1418	17.32	3.52
1166	PHYTOGEN 72	4.21	1.18	84.0	33.1	7.1	68.9	8.6	4.26	1441	19.53	3.85
1332	CS 53	4.40	1.14	83.6	28.6	7.0	70.3	7.9	4.41	1501	19.87	3.60
1343	NM 03S1023	3.73	1.20	83.9	35.4	6.9	69.0	8.1	3.81	1710	19.08	3.67
1339	NM 03N1168	3.59	1.24	84.4	31.6	6.6	69.7	8.0	3.68	1398	21.58	3.72
1342	NM 03K1001	4.01	1.18	83.8	35.8	6.9	68.4	8.2	4.06	1305	19.62	3.63
1340	TAM 01E-22	4.00	1.22	83.3	34.2	6.4	69.4	8.4	4.05	1410	19.75	3.73
.	LSD	0.24	0.03	0.7	1.5	0.3	1.3	0.4	0.22	305	0.93	0.14

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1196	STV 4892 BR	0.86	0.57	1.43	452	34.8	1.83	80	51.08	4.49	2.8
1224	DP 555 R/R	0.58	0.40	0.98	467	31.2	1.76	84	47.02	3.97	2.7
1330	AR 9803-23-08	0.61	0.40	1.01	478	31.2	1.77	83	46.53	3.81	2.6
1329	AR 9704-13-08	0.66	0.53	1.19	436	28.6	1.72	85	49.40	4.43	2.9
1328	AR 9704-13-05	0.66	0.49	1.15	439	27.3	1.69	86	48.29	4.30	2.9
1331	CD 48	0.71	0.51	1.22	453	30.4	1.76	83	48.77	4.21	2.7
1306	CS 45	0.79	0.43	1.21	471	36.0	1.86	79	49.52	4.14	2.6
1303	CS 37	0.79	0.42	1.21	477	37.6	1.88	79	49.61	4.10	2.6
1255	FM 960B2R	0.62	0.44	1.07	478	36.0	1.85	80	48.50	4.03	2.6

1337	JAJO 3007	0.75	0.46	1.20	474	42.0	1.97	75	52.30	4.36	2.6
1338	JAJO 3077	0.63	0.49	1.08	437	26.3	1.66	87	47.79	4.31	2.9
1336	DPL 164BG2RF	0.56	0.37	0.93	479	34.6	1.83	81	48.15	3.99	2.6
1334	DPL 143BG2RF	0.83	0.70	1.53	494	36.9	1.87	79	47.71	3.82	2.5
1335	DPL 161BG2RF	0.54	0.37	0.91	454	30.4	1.75	84	48.58	4.21	2.8
1309	FM 9063B2F	0.61	0.47	1.08	475	30.3	1.75	84	46.45	3.87	2.6
1333	DPL 141BG2RF	0.71	0.55	1.26	479	35.7	1.85	80	48.71	4.00	2.6
1166	PHYTOGEN 72	0.61	0.44	1.04	466	27.1	1.69	86	45.52	3.83	2.7
1332	CS 53	0.87	0.54	1.41	449	30.8	1.77	83	49.40	4.30	2.7
1343	NM 03S1023	0.61	0.42	1.02	513	34.2	1.82	81	44.59	3.42	2.4
1339	NM 03N1168	0.72	0.44	1.16	508	29.5	1.74	84	42.92	3.28	2.4
1342	NM 03K1001	0.60	0.42	1.02	479	29.1	1.71	85	44.76	3.67	2.7
1340	TAM 01E-22	0.77	0.52	1.29	483	34.4	1.83	80	47.70	3.88	2.5
.	LSD	0.07	0.06	0.11	20.1	5.1	0.09	4	1.47	0.20	0.1

reg=71 REGION=HIGH QUALITY

VARIETIES COMBINING LOCATIONS

VARIETY CODE	VARIETY NAME	LINT	BOLL	YARN			DIGITAL FIBROGRAPH		STELOMETER	
		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 (%)
1196	STV 4892 BR	1363	5.25	41.7	9.8	125	1.10	0.57	198	7.4
1224	DP 555 R/R	1349	4.83	43.5	8.5	123	1.10	0.54	192	6.2
1330	AR 9803-23-08	1301	5.48	41.6	10.0	136	1.20	0.60	213	8.1
1328	AR 9704-13-05	1282	5.69	41.0	10.5	123	1.09	0.56	201	6.6
1329	AR 9704-13-08	1279	5.59	41.6	10.9	118	1.12	0.57	196	6.9
1306	CS 45	1269	5.01	38.7	9.6	124	1.13	0.57	210	7.8
1255	FM 960B2R	1259	5.53	39.8	10.5	137	1.15	0.56	215	5.6
1331	CD 48	1259	4.86	40.7	9.7	128	1.17	0.58	206	5.8
1303	CS 37	1257	5.01	39.1	9.7	126	1.13	0.57	206	7.7
1338	JAJO 3077	1218	5.10	43.9	9.2	127	1.15	0.57	211	6.9
1337	JAJO 3007	1211	5.48	41.5	9.9	127	1.14	0.60	206	8.3
1336	DPL 164BG2RF	1161	5.24	38.4	9.4	127	1.16	0.57	201	6.6
1334	DPL 143BG2RF	1155	5.28	38.5	9.4	125	1.18	0.57	203	6.8
1335	DPL 161BG2RF	1147	5.00	38.9	9.4	133	1.17	0.59	209	7.0
1309	FM 9063B2F	1130	5.72	39.1	11.1	136	1.17	0.58	211	6.8
1333	DPL 141BG2RF	1130	4.91	39.5	9.3	127	1.18	0.57	205	7.2
1166	PHYTOGEN 72	1129	5.38	38.8	10.4	149	1.20	0.62	237	7.5

1332	CS 53	1086	4.74	38.6	10.6	122	1.13	0.58	196	7.9
1343	NM 03S1023	1078	4.82	34.9	9.7	154	1.17	0.61	253	6.9
1339	NM 03N1168	1035	5.22	36.9	10.3	151	1.23	0.62	241	6.7
1342	NM 03K1001	1007	4.85	39.1	10.3	155	1.18	0.60	239	6.7
1340	TAM 01E-22	935	5.33	36.1	11.8	143	1.21	0.60	232	5.8
.	LSD	211	0.39	2.2	0.8	5	0.03	0.02	13	0.8

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	MICRO-NAIRE (Reading) b	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
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1196	STV 4892 BR	4.83	1.10	83.5	30.4	7.2	68.3	8.2	4.75	1833	18.64	3.68
1224	DP 555 R/R	4.65	1.11	82.6	30.3	6.6	70.9	7.4	4.63	1831	16.76	3.81
1330	AR 9803-23-08	4.21	1.22	84.6	31.1	7.4	69.5	7.8	4.29	1871	20.19	3.77
1328	AR 9704-13-05	4.86	1.10	83.4	30.2	7.0	69.6	7.9	4.81	1847	19.51	3.65
1329	AR 9704-13-08	4.90	1.14	83.5	29.7	7.0	70.5	8.3	4.83	1677	19.89	3.74
1306	CS 45	4.47	1.17	83.4	31.1	7.0	70.9	8.0	4.44	2085	21.47	3.62
1255	FM 960B2R	4.48	1.19	83.4	33.5	6.7	69.0	7.3	4.44	1901	21.02	3.67
1331	CD 48	4.69	1.20	83.3	30.9	6.6	68.7	8.3	4.61	1792	19.28	3.56
1303	CS 37	4.43	1.15	82.9	30.9	7.0	71.4	7.9	4.41	2014	21.95	3.63
1338	JAJO 3077	4.93	1.16	83.3	32.9	7.2	70.1	8.4	4.91	1432	16.93	3.75
1337	JAJO 3007	4.48	1.16	84.2	31.4	7.8	68.8	9.1	4.49	1583	20.15	3.73
1336	DPL 164BG2RF	4.43	1.18	83.6	30.0	6.8	69.6	7.3	4.48	1804	17.61	3.41
1334	DPL 143BG2RF	4.18	1.19	83.0	29.4	6.7	68.6	7.7	4.21	1887	19.90	3.46
1335	DPL 161BG2RF	4.59	1.18	84.1	30.9	7.0	69.3	7.6	4.58	1699	17.70	3.59
1309	FM 9063B2F	4.34	1.20	83.6	31.6	6.7	71.1	7.5	4.39	1648	21.31	3.43
1333	DPL 141BG2RF	4.21	1.18	83.1	29.9	6.9	68.7	8.0	4.36	1631	17.72	3.42
1166	PHYTOGEN 72	4.50	1.20	84.8	34.0	7.4	68.3	8.4	4.53	1656	20.73	3.77
1332	CS 53	4.68	1.16	83.9	28.8	7.2	69.9	7.6	4.67	1627	20.66	3.55
1343	NM 03S1023	3.90	1.22	84.4	35.2	7.1	68.3	7.9	3.99	2047	20.13	3.64
1339	NM 03N1168	3.83	1.25	85.0	32.0	6.8	68.9	7.8	3.90	1538	22.35	3.66
1342	NM 03K1001	4.24	1.21	84.4	36.1	7.1	67.9	8.1	4.28	1459	20.42	3.57
1340	TAM 01E-22	4.24	1.24	83.8	34.5	6.6	68.7	8.1	4.29	1627	20.86	3.70
.	LSD	0.25	0.03	0.8	1.3	0.2	1.4	0.4	0.22	402	1.12	0.18

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
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1196	STV 4892 BR	0.98	0.67	1.65	421	29.5	1.74	84	51.92	4.79	2.9
1224	DP 555 R/R	0.63	0.46	1.09	435	24.2	1.63	88	46.93	4.20	2.9

1330	AR	9803-23-08	0.68	0.46	1.14	459	27.5	1.71	85	46.57	3.94	2.7
1328	AR	9704-13-05	0.71	0.54	1.26	423	24.4	1.64	88	48.53	4.45	3.0
1329	AR	9704-13-08	0.71	0.59	1.29	419	25.9	1.66	87	49.69	4.60	3.0
1306	CS	45	0.83	0.45	1.29	443	30.1	1.75	83	49.66	4.34	2.8
1255	FM	960B2R	0.70	0.51	1.21	436	27.1	1.69	86	48.50	4.31	2.9
1331	CD	48	0.77	0.57	1.35	435	27.6	1.70	86	49.17	4.39	2.8
1303	CS	37	0.88	0.47	1.35	453	32.4	1.80	82	49.68	4.27	2.7
1338	JAJO	3077	0.67	0.55	1.23	415	21.8	1.58	90	47.85	4.47	3.1
1337	JAJO	3007	0.83	0.52	1.34	443	36.3	1.87	79	52.96	4.64	2.7
1336	DPL	164BG2RF	0.59	0.42	1.01	441	28.1	1.72	85	48.77	4.29	2.8
1334	DPL	143BG2RF	0.91	0.80	1.70	464	31.6	1.78	82	48.28	4.05	2.6
1335	DPL	161BG2RF	0.58	0.42	1.00	435	27.9	1.71	85	49.34	4.41	2.9
1309	FM	9063B2F	0.64	0.52	1.15	445	25.5	1.67	87	46.96	4.09	2.8
1333	DPL	141BG2RF	0.77	0.61	1.38	456	31.4	1.78	82	49.02	4.16	2.7
1166	PHYTOGEN	72	0.66	0.50	1.16	437	22.5	1.60	89	46.01	4.07	2.9
1332	CS	53	0.93	0.60	1.53	428	27.7	1.71	85	50.04	4.53	2.9
1343	NM	03S1023	0.67	0.45	1.12	490	30.3	1.76	83	44.91	3.56	2.5
1339	NM	03N1168	0.78	0.49	1.27	498	27.3	1.70	86	42.64	3.31	2.5
1342	NM	03K1001	0.64	0.47	1.11	451	22.9	1.60	89	44.56	3.84	2.8
1340	TAM	01E-22	0.84	0.58	1.42	458	30.4	1.76	83	48.26	4.09	2.7
.	LSD		0.06	0.07	0.11	16.3	4.5	0.09	3	1.73	0.21	0.1

reg=72 REGION=HIGH QUALITY

VARIETIES COMBINING LOCATIONS

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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1329	AR	9704-13-08	700	4.86	41.5	9.7	111	1.08	0.54	197	6.7
1328	AR	9704-13-05	679	4.91	40.6	9.1	120	1.07	0.54	203	6.7
1330	AR	9803-23-08	658	4.83	41.1	8.9	134	1.15	0.56	216	8.4
1332	CS	53	603	4.22	35.2	8.8	120	1.10	0.56	195	7.9
1331	CD	48	593	4.55	39.1	8.6	119	1.14	0.56	185	5.9
1333	DPL	141BG2RF	588	4.30	39.3	8.1	106	1.09	0.54	179	6.6
1334	DPL	143BG2RF	574	4.36	37.1	8.7	108	1.13	0.53	181	6.6
1224	DP	555 R/R	565	4.34	40.4	7.6	113	1.07	0.51	181	5.9

1336	DPL 164BG2RF	558	4.31	36.5	8.3	115	1.10	0.52	186	6.0
1335	DPL 161BG2RF	554	4.18	38.8	8.1	112	1.10	0.55	189	5.5
1337	JAJO 3007	553	4.56	38.7	8.5	127	1.10	0.55	206	7.7
1303	CS 37	552	4.28	37.6	8.4	121	1.11	0.52	216	7.6
1196	STV 4892 BR	547	4.30	39.7	8.6	115	1.05	0.52	172	6.4
1255	FM 960B2R	542	4.66	37.6	9.4	128	1.11	0.53	194	5.7
1309	FM 9063B2F	532	4.59	37.6	9.4	126	1.13	0.55	207	6.2
1306	CS 45	523	4.03	37.3	8.2	124	1.11	0.53	212	7.8
1166	PHYTOGEN 72	518	4.39	39.3	8.4	139	1.12	0.56	218	7.7
1339	NM 03N1168	511	4.44	33.9	9.4	147	1.20	0.59	227	6.3
1342	NM 03K1001	496	4.13	37.1	8.9	147	1.13	0.57	245	5.7
1343	NM 03S1023	489	4.61	35.4	9.5	157	1.13	0.57	257	6.6
1338	JAJO 3077	488	4.62	40.8	8.0	117	1.07	0.53	212	6.6
1340	TAM 01E-22	413	4.36	35.2	10.2	138	1.18	0.58	206	5.6
.	LSD	146	0.56	1.6	0.6	15	0.05	0.03	16	1.3

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1329	AR 9704-13-08	3.95	1.10	81.4	27.3	6.0	74.3	9.1	4.10	977	17.02	4.03
1328	AR 9704-13-05	3.75	1.05	81.8	28.0	6.0	71.8	8.9	3.80	983	16.49	3.91
1330	AR 9803-23-08	3.45	1.13	81.8	30.3	6.5	72.8	8.9	3.55	936	17.20	4.00
1332	CS 53	3.43	1.10	82.4	28.0	6.3	72.0	8.9	3.48	1125	17.50	3.77
1331	CD 48	3.80	1.13	81.7	28.5	5.8	72.0	9.6	3.85	918	17.03	3.91
1333	DPL 141BG2RF	3.58	1.10	80.6	26.3	5.8	72.0	8.5	3.73	884	16.33	3.76
1334	DPL 143BG2RF	3.10	1.15	80.6	25.3	5.6	74.3	8.5	3.28	947	17.10	3.77
1224	DP 555 R/R	3.18	1.08	80.0	23.3	4.7	74.3	7.7	3.35	831	15.51	4.19
1336	DPL 164BG2RF	3.30	1.10	80.7	25.3	5.5	75.0	8.6	3.38	951	16.21	3.76
1335	DPL 161BG2RF	3.83	1.10	80.8	28.5	6.1	73.5	8.7	3.93	867	16.30	3.78
1337	JAJO 3007	3.10	1.10	81.8	30.0	6.3	71.3	10.4	3.23	861	16.14	3.92
1303	CS 37	3.35	1.10	81.4	27.8	5.8	74.3	8.8	3.40	900	18.74	3.85
1196	STV 4892 BR	3.65	1.00	81.2	25.3	5.6	71.5	9.7	3.73	804	17.11	4.03
1255	FM 960B2R	2.93	1.10	80.5	25.5	4.7	75.0	8.8	3.03	883	17.81	3.99
1309	FM 9063B2F	3.25	1.13	81.3	29.5	5.7	75.5	8.5	3.35	854	18.15	3.74
1306	CS 45	3.05	1.10	81.3	30.0	6.0	72.8	8.9	3.13	870	18.73	3.93
1166	PHYTOGEN 72	3.35	1.10	81.6	30.5	6.2	70.8	9.3	3.45	794	16.54	4.04
1339	NM 03N1168	2.78	1.20	82.3	30.0	5.8	72.5	8.6	2.90	980	19.27	3.91
1342	NM 03K1001	3.18	1.10	81.5	34.5	6.3	70.3	8.7	3.30	844	17.20	3.80
1343	NM 03S1023	3.20	1.15	82.5	36.3	6.2	71.3	9.0	3.28	868	16.46	3.73
1338	JAJO 3077	4.03	1.10	80.4	32.0	6.1	72.0	9.2	4.18	708	14.31	3.86
1340	TAM 01E-22	3.15	1.15	81.3	33.3	5.6	72.0	9.6	3.20	760	16.39	3.82
.	LSD	0.64	0.03	1.2	3.6	0.7	3.0	0.9	0.60	181	1.28	0.21

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1329	AR 9704-13-08	0.51	0.37	0.88	496	38.0	1.90	78	48.41	3.86	2.5
1328	AR 9704-13-05	0.48	0.32	0.80	497	37.5	1.88	79	47.47	3.78	2.5
1330	AR 9803-23-08	0.38	0.24	0.62	545	44.0	2.01	74	46.42	3.37	2.2
1332	CS 53	0.67	0.38	1.04	523	41.4	1.97	75	47.18	3.51	2.3
1331	CD 48	0.52	0.32	0.84	518	40.3	1.95	76	47.37	3.58	2.3
1333	DPL 141BG2RF	0.58	0.40	0.98	547	48.8	2.07	72	47.79	3.52	2.3
1334	DPL 143BG2RF	0.64	0.46	1.10	586	52.6	2.14	69	46.00	3.13	2.1
1224	DP 555 R/R	0.46	0.26	0.71	566	52.0	2.14	69	47.31	3.28	2.1
1336	DPL 164BG2RF	0.49	0.25	0.74	592	53.9	2.17	68	46.27	3.11	2.1
1335	DPL 161BG2RF	0.44	0.26	0.70	512	38.0	1.88	79	46.32	3.64	2.5
1337	JAJO 3007	0.52	0.27	0.78	583	62.0	2.31	63	49.97	3.36	2.0
1303	CS 37	0.52	0.27	0.80	561	55.6	2.20	67	49.36	3.50	2.1
1196	STV 4892 BR	0.56	0.32	0.88	546	50.6	2.10	70	48.55	3.57	2.3
1255	FM 960B2R	0.44	0.27	0.71	602	62.6	2.32	62	48.49	3.19	2.0
1309	FM 9063B2F	0.51	0.33	0.84	580	47.1	2.05	72	44.69	3.09	2.1
1306	CS 45	0.65	0.35	0.99	569	56.9	2.21	66	49.03	3.42	2.1
1166	PHYTOGEN 72	0.48	0.29	0.77	553	40.9	1.95	76	44.06	3.12	2.2
1339	NM 03N1168	0.55	0.29	0.84	574	45.3	2.04	73	44.86	3.06	2.1
1342	NM 03K1001	0.47	0.28	0.75	580	50.8	2.11	70	45.46	3.08	2.1
1343	NM 03S1023	0.47	0.36	0.75	582	45.6	2.02	74	43.63	3.00	2.1
1338	JAJO 3077	0.49	0.31	0.64	516	42.0	1.95	76	47.59	3.75	2.5
1340	TAM 01E-22	0.57	0.35	0.92	572	48.5	2.09	71	45.76	3.14	2.1
.	LSD	0.13	0.11	0.19	64.4	13.8	0.24	9	2.67	0.50	0.4

INDIVIDUAL COMPONENT DATA

-----BOLL SIZE, GRAM PER BOLL-----		-----LINT PERCENT-----		-----SEED INDEX-----	
AR 9704-13-05	5.52	JAJO 3077	43.1	TAM 01E-22	11.4
FM 9063B2F	5.47	DP 555 R/R	42.7	FM 9063B2F	10.6
AR 9704-13-08	5.42	AR 9704-13-08	41.6	AR 9704-13-08	10.6
FM 960B2R	5.34	AR 9803-23-08	41.5	FM 960B2R	10.2
AR 9803-23-08	5.33	STV 4892 BR	41.2	CS 53	10.1
JAJO 3007	5.28	AR 9704-13-05	40.9	AR 9704-13-05	10.1
PHYTOGEN 72	5.16	JAJO 3007	40.8	NM 03N1168	10.1
TAM 01E-22	5.11	CD 48	40.3	NM 03K1001	9.9
DPL 143BG2RF	5.05	DPL 141BG2RF	39.5	PHYTOGEN 72	9.9

NM 03N1168	5.05	FM 960B2R	39.2	AR 9803-23-08	9.7
STV 4892 BR	5.04	DPL 161BG2RF	38.9	NM 03S1023	9.6
DPL 164BG2RF	5.01	PHYTOGEN 72	38.9	JAJO 3007	9.5
JAJO 3077	4.99	FM 9063B2F	38.7	STV 4892 BR	9.4
CS 37	4.85	CS 37	38.7	CD 48	9.4
CS 45	4.80	NM 03K1001	38.6	CS 37	9.3
DPL 161BG2RF	4.79	CS 45	38.4	CS 45	9.2
CD 48	4.79	DPL 143BG2RF	38.1	DPL 143BG2RF	9.2
NM 03S1023	4.77	DPL 164BG2RF	37.8	DPL 164BG2RF	9.1
DPL 141BG2RF	4.76	CS 53	37.8	DPL 161BG2RF	9.1
DP 555 R/R	4.72	NM 03N1168	36.1	DPL 141BG2RF	8.9
NM 03K1001	4.69	TAM 01E-22	35.9	JAJO 3077	8.8
CS 53	4.62	NM 03S1023	35.1	DP 555 R/R	8.2
LSD	0.33	LSD	1.7	LSD	0.6

2.5% S.L. (INCHES)

UR (PERCENT)

STRENGTH (G/TEX)

NM 03N1168	1.24	NM 03N1168	84.4	NM 03K1001	35.8
TAM 01E-22	1.22	PHYTOGEN 72	84.0	NM 03S1023	35.4
AR 9803-23-08	1.20	AR 9803-23-08	83.9	TAM 01E-22	34.2
NM 03S1023	1.20	NM 03S1023	83.9	PHYTOGEN 72	33.1
NM 03K1001	1.18	NM 03K1001	83.8	JAJO 3077	32.7
FM 9063B2F	1.18	JAJO 3007	83.7	NM 03N1168	31.6
CD 48	1.18	CS 53	83.6	FM 960B2R	31.5
DPL 143BG2RF	1.18	DPL 161BG2RF	83.3	FM 9063B2F	31.1
PHYTOGEN 72	1.18	TAM 01E-22	83.3	JAJO 3007	31.1
FM 960B2R	1.17	FM 9063B2F	83.1	AR 9803-23-08	30.9
DPL 141BG2RF	1.16	AR 9704-13-08	83.0	CS 45	30.8
DPL 164BG2RF	1.16	AR 9704-13-05	83.0	CD 48	30.4
DPL 161BG2RF	1.16	CD 48	83.0	DPL 161BG2RF	30.3
CS 45	1.16	CS 45	82.9	CS 37	30.2
JAJO 3077	1.15	STV 4892 BR	82.9	AR 9704-13-05	29.7
JAJO 3007	1.14	DPL 164BG2RF	82.9	AR 9704-13-08	29.2
CS 53	1.14	FM 960B2R	82.7	STV 4892 BR	29.1
CS 37	1.14	JAJO 3077	82.6	DPL 141BG2RF	29.0
AR 9704-13-08	1.13	CS 37	82.5	DPL 164BG2RF	28.8
DP 555 R/R	1.10	DPL 141BG2RF	82.5	CS 53	28.6
AR 9704-13-05	1.09	DPL 143BG2RF	82.4	DP 555 R/R	28.6
STV 4892 BR	1.08	DP 555 R/R	82.0	DPL 143BG2RF	28.4
LSD	0.03	LSD	0.7	LSD	1.5

E

MICRONAIRE (SL-HVI)

COLORIMETER - Rd

JAJO 3007	7.4
AR 9803-23-08	7.2
PHYTOGEN 72	7.1
JAJO 3077	7.0
CS 53	7.0
NM 03K1001	6.9
NM 03S1023	6.9
STV 4892 BR	6.8
DPL 161BG2RF	6.8
AR 9704-13-08	6.8
CS 45	6.8
AR 9704-13-05	6.7
CS 37	6.7
NM 03N1168	6.6
DPL 141BG2RF	6.6
FM 9063B2F	6.5
DPL 164BG2RF	6.5
DPL 143BG2RF	6.4
CD 48	6.4
TAM 01E-22	6.4
FM 960B2R	6.2
DP 555 R/R	6.1
LSD	0.3

JAJO 3077	4.74
AR 9704-13-08	4.67
AR 9704-13-05	4.58
STV 4892 BR	4.49
CD 48	4.44
DPL 161BG2RF	4.41
CS 53	4.41
DP 555 R/R	4.31
PHYTOGEN 72	4.26
DPL 164BG2RF	4.21
JAJO 3007	4.21
DPL 141BG2RF	4.20
CS 37	4.19
FM 9063B2F	4.16
CS 45	4.15
AR 9803-23-08	4.12
FM 960B2R	4.09
NM 03K1001	4.06
TAM 01E-22	4.05
DPL 143BG2RF	3.98
NM 03S1023	3.81
NM 03N1168	3.68
LSD	0.22

CS 37	72.1
FM 9063B2F	72.1
DP 555 R/R	71.8
AR 9704-13-08	71.3
CS 45	71.3
DPL 164BG2RF	70.9
JAJO 3077	70.5
FM 960B2R	70.5
DPL 161BG2RF	70.4
CS 53	70.3
AR 9803-23-08	70.2
AR 9704-13-05	70.1
DPL 143BG2RF	70.0
NM 03N1168	69.7
DPL 141BG2RF	69.5
CD 48	69.4
TAM 01E-22	69.4
JAJO 3007	69.3
STV 4892 BR	69.1
NM 03S1023	69.0
PHYTOGEN 72	68.9
NM 03K1001	68.4
LSD	1.3

COLORIMETER - b

MICRONAIRE

STELOMETER - E1

JAJO 3007	9.3
CD 48	8.6
PHYTOGEN 72	8.6
JAJO 3077	8.6
STV 4892 BR	8.6
AR 9704-13-08	8.5
TAM 01E-22	8.4
NM 03K1001	8.2
CS 45	8.2
NM 03S1023	8.1
AR 9704-13-05	8.1
DPL 141BG2RF	8.1
CS 37	8.1
AR 9803-23-08	8.0
NM 03N1168	8.0

JAJO 3077	4.73
AR 9704-13-08	4.69
AR 9704-13-05	4.61
STV 4892 BR	4.53
CD 48	4.49
CS 53	4.40
DPL 161BG2RF	4.40
DP 555 R/R	4.28
PHYTOGEN 72	4.21
CS 37	4.19
JAJO 3007	4.17
CS 45	4.16
DPL 164BG2RF	4.15
FM 9063B2F	4.09
FM 960B2R	4.09

AR 9803-23-08	8.1
JAJO 3007	8.1
CS 53	7.9
CS 45	7.8
CS 37	7.6
PHYTOGEN 72	7.6
STV 4892 BR	7.2
DPL 141BG2RF	7.1
JAJO 3077	6.9
AR 9704-13-08	6.8
NM 03S1023	6.8
DPL 143BG2RF	6.7
FM 9063B2F	6.6
DPL 161BG2RF	6.6
AR 9704-13-05	6.6

CS 53	7.9	DPL 141BG2RF	4.05	NM 03N1168	6.6
DPL 143BG2RF	7.9	AR 9803-23-08	4.04	NM 03K1001	6.5
DPL 161BG2RF	7.8	NM 03K1001	4.01	DPL 164BG2RF	6.4
FM 9063B2F	7.7	TAM 01E-22	4.00	DP 555 R/R	6.1
FM 960B2R	7.7	DPL 143BG2RF	3.91	CD 48	5.8
DPL 164BG2RF	7.6	NM 03S1023	3.73	TAM 01E-22	5.7
DP 555 R/R	7.5	NM 03N1168	3.59	FM 960B2R	5.6
LSD	0.4	LSD	0.24	LSD	0.7

 STELOMETER - T1

NM 03S1023	254
NM 03K1001	240
NM 03N1168	238
PHYTOGEN 72	232
TAM 01E-22	226
AR 9803-23-08	214
JAJO 3077	211
FM 9063B2F	210
CS 45	210
FM 960B2R	209
CS 37	208
JAJO 3007	206
DPL 161BG2RF	204
CD 48	201
AR 9704-13-05	201
DPL 141BG2RF	198
DPL 143BG2RF	198
DPL 164BG2RF	197
AR 9704-13-08	196
CS 53	196
STV 4892 BR	191
DP 555 R/R	190
LSD	11

 FIBROGRAPH--50% S.L.

NM 03N1168	0.61
PHYTOGEN 72	0.60
TAM 01E-22	0.60
NM 03S1023	0.60
NM 03K1001	0.60
JAJO 3007	0.59
AR 9803-23-08	0.59
DPL 161BG2RF	0.58
CD 48	0.57
CS 53	0.57
FM 9063B2F	0.57
JAJO 3077	0.56
CS 45	0.56
AR 9704-13-08	0.56
DPL 143BG2RF	0.56
DPL 141BG2RF	0.56
STV 4892 BR	0.56
AR 9704-13-05	0.56
DPL 164BG2RF	0.56
CS 37	0.56
FM 960B2R	0.55
DP 555 R/R	0.53
LSD	0.01

 FIBROGRAPH--2.5% S.L.

NM 03N1168	1.22
TAM 01E-22	1.21
AR 9803-23-08	1.19
PHYTOGEN 72	1.18
DPL 143BG2RF	1.17
NM 03K1001	1.17
CD 48	1.17
NM 03S1023	1.16
FM 9063B2F	1.16
DPL 161BG2RF	1.16
DPL 141BG2RF	1.15
DPL 164BG2RF	1.15
FM 960B2R	1.14
JAJO 3007	1.13
JAJO 3077	1.13
CS 45	1.13
CS 53	1.13
CS 37	1.12
AR 9704-13-08	1.11
DP 555 R/R	1.09
STV 4892 BR	1.09
AR 9704-13-05	1.09
LSD	0.02

 YARN TENACITY

NM 03S1023	155
NM 03K1001	153

 AREALOMETER - A (mm2/mm3)

NM 03S1023	513
NM 03N1168	508

 AREALOMETER - D (mm2/mm3)

JAJO 3007	42.0
CS 37	37.6

NM 03N1168	150	DPL 143BG2RF	494	DPL 143BG2RF	36.9
PHYTOGEN 72	147	TAM 01E-22	483	CS 45	36.0
TAM 01E-22	141	NM 03K1001	479	FM 960B2R	36.0
AR 9803-23-08	136	DPL 164BG2RF	479	DPL 141BG2RF	35.7
FM 960B2R	135	DPL 141BG2RF	479	STV 4892 BR	34.8
FM 9063B2F	134	AR 9803-23-08	478	DPL 164BG2RF	34.6
DPL 161BG2RF	128	FM 960B2R	478	TAM 01E-22	34.4
JAJO 3007	127	CS 37	477	NM 03S1023	34.2
CD 48	126	FM 9063B2F	475	AR 9803-23-08	31.2
CS 37	125	JAJO 3007	474	DP 555 R/R	31.2
JAJO 3077	125	CS 45	471	CS 53	30.8
CS 45	124	DP 555 R/R	467	DPL 161BG2RF	30.4
DPL 164BG2RF	124	PHYTOGEN 72	466	CD 48	30.4
STV 4892 BR	122	DPL 161BG2RF	454	FM 9063B2F	30.3
AR 9704-13-05	122	CD 48	453	NM 03N1168	29.5
DPL 141BG2RF	122	STV 4892 BR	452	NM 03K1001	29.1
CS 53	121	CS 53	449	AR 9704-13-08	28.6
DPL 143BG2RF	121	AR 9704-13-05	439	AR 9704-13-05	27.3
DP 555 R/R	120	JAJO 3077	437	PHYTOGEN 72	27.1
AR 9704-13-08	116	AR 9704-13-08	436	JAJO 3077	26.3
LSD	5	LSD	20.1	LSD	5.1

AREALOMETER - I

JAJO 3007	1.97
CS 37	1.88
DPL 143BG2RF	1.87
CS 45	1.86
DPL 141BG2RF	1.85
FM 960B2R	1.85
TAM 01E-22	1.83
STV 4892 BR	1.83
DPL 164BG2RF	1.83
NM 03S1023	1.82
AR 9803-23-08	1.77
CS 53	1.77
CD 48	1.76
DP 555 R/R	1.76
DPL 161BG2RF	1.75
FM 9063B2F	1.75
NM 03N1168	1.74
AR 9704-13-08	1.72
NM 03K1001	1.71

AREALOMETER - M (PERCENT)

JAJO 3077	87
AR 9704-13-05	86
PHYTOGEN 72	86
NM 03K1001	85
AR 9704-13-08	85
NM 03N1168	84
FM 9063B2F	84
DP 555 R/R	84
DPL 161BG2RF	84
CD 48	83
CS 53	83
AR 9803-23-08	83
NM 03S1023	81
DPL 164BG2RF	81
STV 4892 BR	80
TAM 01E-22	80
FM 960B2R	80
DPL 141BG2RF	80
CS 45	79

AREALOMETER - p (Microns)

JAJO 3007	52.30
STV 4892 BR	51.08
CS 37	49.61
CS 45	49.52
AR 9704-13-08	49.40
CS 53	49.40
CD 48	48.77
DPL 141BG2RF	48.71
DPL 161BG2RF	48.58
FM 960B2R	48.50
AR 9704-13-05	48.29
DPL 164BG2RF	48.15
JAJO 3077	47.79
DPL 143BG2RF	47.71
TAM 01E-22	47.70
DP 555 R/R	47.02
AR 9803-23-08	46.53
FM 9063B2F	46.45
PHYTOGEN 72	45.52

AR 9704-13-05	1.69
PHYTOGEN 72	1.69
JAJO 3077	1.66
LSD	0.09

DPL 143BG2RF	79
CS 37	79
JAJO 3007	75
LSD	4

NM 03K1001	44.76
NM 03S1023	44.59
NM 03N1168	42.92
LSD	1.47

AREALOMETER - w (MG/INCH)

STV 4892 BR	4.49
AR 9704-13-08	4.43
JAJO 3007	4.36
JAJO 3077	4.31
CS 53	4.30
AR 9704-13-05	4.30
DPL 161BG2RF	4.21
CD 48	4.21
CS 45	4.14
CS 37	4.10
FM 960B2R	4.03
DPL 141BG2RF	4.00
DPL 164BG2RF	3.99
DP 555 R/R	3.97
TAM 01E-22	3.88
FM 9063B2F	3.87
PHYTOGEN 72	3.83
DPL 143BG2RF	3.82
AR 9803-23-08	3.81
NM 03K1001	3.67
NM 03S1023	3.42
NM 03N1168	3.28
LSD	0.20

AREALOMETER - t (MICRONS)

JAJO 3077	2.9
AR 9704-13-08	2.9
AR 9704-13-05	2.9
STV 4892 BR	2.8
DPL 161BG2RF	2.8
CS 53	2.7
CD 48	2.7
PHYTOGEN 72	2.7
DP 555 R/R	2.7
NM 03K1001	2.7
FM 9063B2F	2.6
FM 960B2R	2.6
DPL 164BG2RF	2.6
CS 45	2.6
AR 9803-23-08	2.6
CS 37	2.6
JAJO 3007	2.6
DPL 141BG2RF	2.6
TAM 01E-22	2.5
DPL 143BG2RF	2.5
NM 03N1168	2.4
NM 03S1023	2.4
LSD	0.1

SEED YIELD (LB/ACRE)

CS 45	1781
CS 37	1735
NM 03S1023	1710
FM 960B2R	1647
AR 9803-23-08	1637
AR 9704-13-05	1631
DPL 143BG2RF	1619
DP 555 R/R	1581
STV 4892 BR	1576
CD 48	1573
DPL 164BG2RF	1560
AR 9704-13-08	1502
CS 53	1501
DPL 161BG2RF	1461
FM 9063B2F	1449
PHYTOGEN 72	1441
DPL 141BG2RF	1418
TAM 01E-22	1410
JAJO 3007	1403
NM 03N1168	1398
NM 03K1001	1305
JAJO 3077	1251
LSD	305

OIL (PERCENT)

NM 03N1168	21.58
CS 37	21.15
CS 45	20.78
FM 9063B2F	20.52
FM 960B2R	20.10
CS 53	19.87

NITROGEN (PERCENT)

DP 555 R/R	3.92
PHYTOGEN 72	3.85
AR 9803-23-08	3.82
AR 9704-13-08	3.81
STV 4892 BR	3.78
JAJO 3077	3.78

PLUS GOSSYPOL

CS 53	0.87
STV 4892 BR	0.86
DPL 143BG2RF	0.83
CS 37	0.79
CS 45	0.79
TAM 01E-22	0.77

TAM 01E-22	19.75	JAJO 3007	3.77	JAJO 3007	0.75
NM 03K1001	19.62	FM 960B2R	3.76	NM 03N1168	0.72
PHYTOGEN 72	19.53	TAM 01E-22	3.73	DPL 141BG2RF	0.71
AR 9803-23-08	19.44	NM 03N1168	3.72	CD 48	0.71
AR 9704-13-08	19.18	AR 9704-13-05	3.71	AR 9704-13-08	0.66
JAJO 3007	19.15	CS 45	3.70	AR 9704-13-05	0.66
DPL 143BG2RF	19.10	CS 37	3.69	JAJO 3077	0.63
NM 03S1023	19.08	NM 03S1023	3.67	FM 960B2R	0.62
AR 9704-13-05	18.75	CD 48	3.65	NM 03S1023	0.61
CD 48	18.72	DPL 161BG2RF	3.64	PHYTOGEN 72	0.61
STV 4892 BR	18.20	NM 03K1001	3.63	AR 9803-23-08	0.61
DPL 141BG2RF	17.32	CS 53	3.60	FM 9063B2F	0.61
DPL 161BG2RF	17.30	DPL 143BG2RF	3.55	NM 03K1001	0.60
DPL 164BG2RF	17.21	DPL 141BG2RF	3.52	DP 555 R/R	0.58
DP 555 R/R	16.40	DPL 164BG2RF	3.51	DPL 164BG2RF	0.56
JAJO 3077	16.28	FM 9063B2F	3.51	DPL 161BG2RF	0.54
LSD	0.93	LSD	0.14	LSD	0.07

 MINUS GOSSYPOL

 TOTAL GOSSYPOL (PERCENT)

DPL 143BG2RF	0.70	DPL 143BG2RF	1.53
STV 4892 BR	0.57	STV 4892 BR	1.43
DPL 141BG2RF	0.55	CS 53	1.41
CS 53	0.54	TAM 01E-22	1.29
AR 9704-13-08	0.53	DPL 141BG2RF	1.26
TAM 01E-22	0.52	CD 48	1.22
CD 48	0.51	CS 37	1.21
JAJO 3077	0.49	CS 45	1.21
AR 9704-13-05	0.49	JAJO 3007	1.20
FM 9063B2F	0.47	AR 9704-13-08	1.19
JAJO 3007	0.46	NM 03N1168	1.16
FM 960B2R	0.44	AR 9704-13-05	1.15
NM 03N1168	0.44	JAJO 3077	1.08
PHYTOGEN 72	0.44	FM 9063B2F	1.08
CS 45	0.43	FM 960B2R	1.07
NM 03S1023	0.42	PHYTOGEN 72	1.04
CS 37	0.42	NM 03K1001	1.02
NM 03K1001	0.42	NM 03S1023	1.02
AR 9803-23-08	0.40	AR 9803-23-08	1.01
DP 555 R/R	0.40	DP 555 R/R	0.98
DPL 161BG2RF	0.37	DPL 164BG2RF	0.93
DPL 164BG2RF	0.37	DPL 161BG2RF	0.91
LSD	0.06	LSD	0.11

reg=71 REGION=HIGH QUALITY

LOCATIONS COMBINING VARIETIES

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)	(%)
BOSSIER CITY, LA	1619	5.54	38.4	10.6	135	1.15	0.60	217	5.8
STONEVILLE, MS	1408	5.17	40.6	9.8	134	1.19	0.60	218	6.6
PORTAGEVILLE, MO	1402	6.28	.	.	130	1.19	0.57	218	6.9
KEISER, AR	1337	4.30	40.0	9.8	146	1.18	0.58	213	6.7
LAS CRUCES, NM	1032	4.88	43.3	.	120	1.12	0.59	210	7.3
LUBBOCK, TX	918	4.84	37.7	9.7	123	1.09	0.54	200	8.3
FLORENCE, SC	827	5.09	38.8	9.2	131	1.13	0.58	222	6.4
COLLEGE STATION, TX	524	5.34	38.9	10.1	135	1.16	0.60	212	7.3
BELLE MINA, AL	285	3.80	37.6	8.3	118	1.10	0.52	185	6.8

LOCATION	MICRO-NAIRE (reading)	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)				SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
		2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	EXTENSION (E)			
BOSSIER CITY, LA	5.04	1.17	85.3	31.7	6.3	2671	19.83	3.73
STONEVILLE, MS	4.62	1.19	83.9	31.9	6.4	1975	.	.
PORTAGEVILLE, MO	4.18	1.20	84.2	30.5	9.1	.	18.39	3.96
KEISER, AR	4.13	1.20	83.8	31.5	6.4	1940	19.73	3.51
LAS CRUCES, NM	4.73	1.15	82.8	32.1	6.8	1350	22.48	3.52
LUBBOCK, TX	4.03	1.13	81.9	31.8	7.1	1619	18.69	3.66
FLORENCE, SC	4.00	1.10	81.8	32.8	6.1	1303	18.10	4.03
COLLEGE STATION, TX	4.60	1.19	83.7	31.8	6.8	812	20.96	3.35
BELLE MINA, AL	2.75	1.11	80.8	24.9	5.5	473	15.86	3.74

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

LOCATION	(+)	(-)	(%)	---(mm2/mm3)---	I	(%)	(microns)	(mg/in)	(microns)	
BOSSIER CITY, LA	0.73	0.51	1.24	402	15.7	1.45	95	45.31	4.38	3.2
STONEVILLE, MS	.	.	.	436	26.5	1.69	86	48.79	4.35	2.8
PORTAGEVILLE, MO	0.65	0.44	1.10	468	33.0	1.82	81	48.78	4.04	2.6
KEISER, AR	0.70	0.47	1.17	474	31.7	1.79	82	47.44	3.89	2.6
LAS CRUCES, NM	0.82	0.56	1.38	429	18.1	1.50	93	44.12	4.01	3.0
LUBBOCK, TX	0.75	0.57	1.32	477	39.3	1.93	77	50.92	4.14	2.5
FLORENCE, SC	0.52	0.31	0.82	481	33.6	1.82	81	47.52	3.86	2.5
COLLEGE STATION, TX	0.85	0.65	1.50	421	26.9	1.69	86	50.62	4.67	2.9
BELLE MINA, AL	0.51	0.32	0.82	630	63.1	2.32	62	46.36	2.86	1.8

LOCATION=LUBBOCK, TX

VARIETIES COMBINING LOCATIONS

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 (%)
1309	FM 9063B2F	1216	5.57	39.9	10.8	130	1.11	0.55	201	7.8
1224	DP 555 R/R	1077	4.49	40.8	9.3	108	1.06	0.52	175	7.7
1336	DPL 164BG2RF	1070	4.68	37.4	9.1	117	1.09	0.53	190	7.0
1255	FM 960B2R	1069	5.15	39.3	10.3	126	1.11	0.54	182	6.9
1331	CD 48	1028	3.75	42.6	9.1	115	1.11	0.54	193	7.9
1334	DPL 143BG2RF	986	4.94	38.6	8.8	109	1.07	0.52	201	6.5
1332	CS 53	968	4.06	45.2	10.0	112	1.08	0.53	176	10.5
1196	STV 4892 BR	960	3.85	38.3	9.5	114	1.04	0.54	179	9.3
1338	JAJO 3077	942	4.38	44.4	9.0	119	1.06	0.54	201	7.5
1303	CS 37	937	5.16	35.0	9.0	119	1.07	0.52	193	10.4
1306	CS 45	930	5.24	28.9	8.6	116	1.06	0.54	201	10.2
1329	AR 9704-13-08	900	4.91	40.2	10.3	112	1.07	0.55	200	9.0
1330	AR 9803-23-08	898	4.82	41.2	9.6	122	1.13	0.55	200	9.3
1342	NM 03K1001	891	4.92	36.1	10.2	148	1.14	0.57	232	8.3
1328	AR 9704-13-05	886	5.62	36.1	10.6	116	1.04	0.54	199	8.6
1166	PHYTOGEN 72	876	5.37	38.1	9.9	138	1.14	0.57	205	9.7
1333	DPL 141BG2RF	869	4.58	41.1	9.0	110	1.08	0.52	178	8.8
1335	DPL 161BG2RF	835	4.52	35.2	8.6	123	1.06	0.52	201	7.3
1340	TAM 01E-22	750	5.66	34.6	11.9	137	1.19	0.58	228	6.3
1337	JAJO 3007	724	5.03	37.0	9.2	116	1.04	0.54	186	9.0

1339	NM 03N1168	716	4.96	34.3	10.0	143	1.18	0.59	237	7.0
1343	NM 03S1023	675	5.00	25.6	10.1	151	1.15	0.57	253	7.8
.	LSD	161	1.09	11.8	0.9	8	0.05	0.03	22	1.7

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1309	FM 9063B2F	4.30	1.20	83.4	33.0	7.1	77.5	7.6	4.25	1923	20.85	3.48
1224	DP 555 R/R	3.90	1.05	79.6	29.0	6.5	78.5	7.8	4.00	1746	16.62	3.81
1336	DPL 164BG2RF	3.95	1.10	80.9	30.0	7.0	78.0	8.1	3.95	1880	15.92	3.38
1255	FM 960B2R	4.15	1.15	80.8	33.0	6.5	77.5	7.7	4.10	1819	21.77	3.52
1331	CD 48	4.10	1.10	81.3	30.5	6.6	76.0	8.7	4.10	1453	17.30	3.68
1334	DPL 143BG2RF	3.55	1.10	79.9	30.0	7.0	76.0	8.0	3.65	1653	18.03	3.53
1332	CS 53	4.55	1.10	82.2	29.0	7.3	77.5	8.3	4.55	1373	19.34	3.57
1196	STV 4892 BR	3.90	1.05	81.9	31.0	7.4	76.5	9.0	3.90	1612	16.42	3.65
1338	JAJO 3077	4.75	1.10	81.1	33.5	7.3	77.0	8.6	4.60	1104	17.31	4.07
1303	CS 37	3.80	1.10	81.0	31.0	7.3	78.0	8.0	3.90	1891	20.74	3.79
1306	CS 45	3.95	1.10	81.1	31.0	7.5	76.0	8.3	4.00	2583	18.92	3.74
1329	AR 9704-13-08	4.30	1.10	81.7	30.5	7.2	76.5	8.7	4.30	1375	18.61	3.88
1330	AR 9803-23-08	4.20	1.20	82.8	31.5	7.8	77.5	8.3	4.10	1224	19.05	3.76
1342	NM 03K1001	4.15	1.20	83.6	37.0	7.3	75.0	8.6	4.20	1664	19.49	3.57
1328	AR 9704-13-05	4.30	1.10	82.7	31.5	7.1	77.5	8.2	4.30	1881	18.29	3.57
1166	PHYTOGEN 72	4.35	1.15	83.1	33.5	7.4	76.5	8.8	4.30	1381	20.58	3.84
1333	DPL 141BG2RF	3.80	1.10	80.3	30.5	7.1	76.5	8.4	3.90	1237	17.11	3.47
1335	DPL 161BG2RF	4.05	1.10	82.3	31.0	7.2	76.5	8.7	4.15	1432	16.86	3.59
1340	TAM 01E-22	3.75	1.20	83.0	34.5	6.5	77.0	8.1	3.90	1490	19.95	3.64
1337	JAJO 3007	3.85	1.05	81.4	31.0	8.0	76.0	9.6	3.85	1240	17.78	3.61
1339	NM 03N1168	3.55	1.20	84.2	32.5	6.8	77.5	8.1	3.60	1345	21.50	3.79
1343	NM 03S1023	3.35	1.20	83.9	35.0	7.1	74.5	7.7	3.40	2315	18.70	3.58
.	LSD	0.50	0.07	1.5	1.4	0.4	1.7	0.4	0.45	1183	1.34	0.31

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1309	FM 9063B2F	0.66	0.60	1.26	453	34.5	1.85	80	51.32	4.38	2.7
1224	DP 555 R/R	0.73	0.54	1.26	497	41.5	1.98	76	49.89	3.89	2.4
1336	DPL 164BG2RF	0.59	0.46	1.05	481	39.3	1.94	77	50.55	4.06	2.5
1255	FM 960B2R	0.78	0.65	1.42	465	38.3	1.91	78	51.69	4.31	2.6

1331	CD 48	0.78	0.61	1.38	478	43.0	2.00	74	52.68	4.27	2.5
1334	DPL 143BG2RF	0.89	0.73	1.62	512	43.5	2.01	74	49.39	3.73	2.3
1332	CS 53	0.92	0.63	1.54	441	35.3	1.86	80	53.18	4.67	2.7
1196	STV 4892 BR	0.97	0.72	1.69	472	44.8	2.03	73	53.97	4.42	2.5
1338	JAJO 3077	0.66	0.58	1.24	437	30.3	1.77	83	50.82	4.50	2.8
1303	CS 37	0.88	0.53	1.40	490	44.3	2.03	73	51.98	4.11	2.4
1306	CS 45	0.77	0.45	1.21	473	40.5	1.96	76	51.97	4.26	2.6
1329	AR 9704-13-08	0.74	0.61	1.34	451	38.3	1.91	78	53.10	4.55	2.7
1330	AR 9803-23-08	0.72	0.52	1.24	473	34.0	1.84	80	48.94	4.01	2.5
1342	NM 03K1001	0.59	0.44	1.02	467	30.3	1.77	83	47.53	3.95	2.6
1328	AR 9704-13-05	0.76	0.59	1.36	454	35.5	1.87	80	51.80	4.42	2.7
1166	PHYTOGEN 72	0.69	0.54	1.23	450	28.0	1.72	85	48.00	4.12	2.8
1333	DPL 141BG2RF	0.77	0.64	1.41	489	41.5	1.98	75	50.93	4.04	2.4
1335	DPL 161BG2RF	0.68	0.51	1.18	473	41.3	1.98	75	52.49	4.29	2.5
1340	TAM 01E-22	0.80	0.59	1.38	498	41.3	1.96	76	49.47	3.86	2.4
1337	JAJO 3007	0.76	0.52	1.28	497	56.3	2.22	66	56.11	4.38	2.4
1339	NM 03N1168	0.79	0.54	1.32	512	36.5	1.89	79	46.34	3.50	2.3
1343	NM 03S1023	0.71	0.50	1.21	535	45.8	2.05	73	48.15	3.49	2.2
.	LSD	0.06	0.06	0.11	37.6	11.1	0.20	8	3.33	0.42	0.2

LOCATION=COLLEGE STATION, TX

VARIETIES COMBINING LOCATIONS

VARIETY CODE	VARIETY NAME	LINT	BOLL	YARN			DIGITAL FIBROGRAPH		STELOMETER	
		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 (%)
1330	AR 9803-23-08	1008	5.21	41.0	10.4	138	1.24	0.62	206	8.4
1196	STV 4892 BR	947	5.03	41.0	10.3	133	1.12	0.61	205	7.3
1166	PHYTOGEN 72	947	5.68	38.0	10.6	152	1.21	0.66	241	6.3
1328	AR 9704-13-05	945	5.45	40.5	10.2	131	1.11	0.58	199	6.2
1224	DP 555 R/R	905	4.89	44.0	7.6	121	1.07	0.54	179	6.2
1306	CS 45	892	5.31	38.5	9.9	131	1.16	0.59	204	8.3
1255	FM 960B2R	869	5.68	37.5	11.1	137	1.12	0.56	230	5.1
1329	AR 9704-13-08	857	5.75	41.0	11.3	123	1.13	0.57	192	7.2
1303	CS 37	811	4.77	38.5	9.5	128	1.12	0.57	198	7.7
1331	CD 48	751	4.85	38.5	9.7	139	1.22	0.61	207	6.1
1340	TAM 01E-22	598	5.81	35.0	13.0	145	1.22	0.62	245	7.1
1339	NM 03N1168	462	5.79	35.0	10.7	142	1.23	0.61	246	7.4
1337	JAJO 3007	175	5.70	41.5	10.6	131	1.17	0.63	201	8.7

1333	DPL 141BG2RF	160	4.97	38.5	9.0	136	1.16	0.58	208	7.4
1334	DPL 143BG2RF	139	5.43	38.0	9.5	127	1.19	0.60	207	7.9
1335	DPL 161BG2RF	118	5.29	39.5	9.1	135	1.22	0.63	214	7.8
1338	JAJO 3077	103	5.34	43.0	9.1	134	1.16	0.58	221	8.3
1309	FM 9063B2F	96	6.08	37.0	11.7	140	1.13	0.56	208	6.9
1332	CS 53	88	4.97	36.0	10.3	124	1.14	0.59	187	9.3
1336	DPL 164BG2RF	68	5.49	39.0	9.5	138	1.18	0.61	209	7.3
1342	NM 03K1001	61	4.69	36.5	10.0	151	1.17	0.61	243	6.7
.	LSD	165	0.75	1.7	1.0	10	0.03	0.04	16	1.6

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1330	AR 9803-23-08	4.40	1.20	84.3	33.0	7.2	71.5	6.8	4.35	1450	22.43	3.37
1196	STV 4892 BR	4.95	1.15	84.7	31.0	6.7	67.5	6.9	4.85	1363	20.82	3.56
1166	PHYTOGEN 72	4.65	1.20	84.7	35.5	7.1	69.5	7.9	4.65	1545	22.47	3.57
1328	AR 9704-13-05	5.00	1.10	83.1	30.0	6.7	70.0	6.7	4.90	1389	21.09	3.52
1224	DP 555 R/R	4.90	1.10	81.9	32.5	6.5	71.5	6.3	4.75	1151	17.20	3.46
1306	CS 45	4.60	1.20	84.0	32.0	6.9	72.5	7.1	4.55	1426	23.21	3.06
1255	FM 960B2R	4.40	1.20	82.9	35.0	6.4	68.5	6.2	4.40	1445	21.53	3.33
1329	AR 9704-13-08	5.00	1.10	82.9	30.5	6.7	72.5	7.5	4.90	1233	20.88	3.48
1303	CS 37	4.65	1.10	82.5	31.0	6.7	71.0	6.7	4.55	1295	23.97	3.19
1331	CD 48	4.70	1.25	84.6	33.0	6.5	70.5	7.0	4.60	1202	21.28	3.14
1340	TAM 01E-22	4.20	1.30	84.2	37.0	6.8	67.0	6.7	4.15	1111	21.57	3.33
1339	NM 03N1168	4.05	1.30	84.0	31.0	6.5	67.5	7.0	4.05	863	23.69	3.51
1337	JAJO 3007	4.80	1.20	85.3	31.5	7.7	70.0	8.3	4.80	246	21.98	3.55
1333	DPL 141BG2RF	4.20	1.20	82.8	30.5	7.1	69.5	6.7	4.25	255	18.73	2.98
1334	DPL 143BG2RF	4.50	1.20	83.6	28.5	6.8	68.5	6.5	4.30	233	20.72	3.16
1335	DPL 161BG2RF	4.70	1.20	84.8	31.0	6.9	71.0	6.4	4.70	180	17.71	3.29
1338	JAJO 3077	4.90	1.20	83.6	32.5	7.2	72.0	7.3	4.85	137	17.43	3.76
1309	FM 9063B2F	4.65	1.20	82.9	31.0	6.7	71.0	6.6	4.50	167	22.69	3.12
1332	CS 53	4.60	1.15	83.3	28.5	7.2	70.5	6.8	4.60	156	22.03	3.50
1336	DPL 164BG2RF	4.80	1.20	84.3	30.0	6.7	71.5	6.7	4.75	106	19.07	3.30
1342	NM 03K1001	3.85	1.20	84.6	33.5	7.0	65.5	6.8	3.80	106	19.70	3.25
.	LSD	0.28	0.05	1.1	1.7	0.3	3.2	0.6	0.26	273	1.31	0.43

---GOSSYPOL LEVELS---

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

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

1330	AR 9803-23-08	0.78	0.56	1.34	435	25.8	1.68	87	48.37	4.30	2.8
1196	STV 4892 BR	1.19	0.84	2.03	404	30.0	1.76	83	54.75	5.24	3.0
1166	PHYTOGEN 72	0.74	0.58	1.33	412	20.8	1.57	91	47.90	4.51	3.1
1328	AR 9704-13-05	0.82	0.66	1.48	401	21.0	1.58	91	49.15	4.74	3.2
1224	DP 555 R/R	0.67	0.51	1.19	394	17.3	1.49	94	47.36	4.64	3.2
1306	CS 45	0.94	0.56	1.50	427	32.5	1.81	81	53.24	4.82	2.8
1255	FM 960B2R	0.74	0.55	1.29	411	20.8	1.57	91	47.92	4.51	3.1
1329	AR 9704-13-08	0.79	0.69	1.48	393	22.0	1.60	90	50.98	5.02	3.2
1303	CS 37	0.98	0.55	1.53	422	28.5	1.73	85	51.51	4.72	2.9
1331	CD 48	0.95	0.74	1.68	415	26.0	1.68	87	50.65	4.73	3.0
1340	TAM 01E-22	1.07	0.73	1.79	449	32.3	1.81	81	50.44	4.34	2.7
1339	NM 03N1168	0.88	0.59	1.47	475	27.0	1.70	86	44.88	3.66	2.6
1337	JAJO 3007	0.96	0.64	1.59	415	32.0	1.80	82	54.53	5.08	2.9
1333	DPL 141BG2RF	0.86	0.71	1.57	447	35.3	1.87	79	52.36	4.53	2.7
1334	DPL 143BG2RF	0.98	1.26	2.24	435	33.0	1.82	81	52.62	4.68	2.8
1335	DPL 161BG2RF	0.53	0.44	0.96	410	24.3	1.65	88	50.31	4.74	3.0
1338	JAJO 3077	0.74	0.66	1.40	407	25.0	1.66	87	51.21	4.87	3.0
1309	FM 9063B2F	0.74	0.63	1.37	419	25.8	1.68	87	50.25	4.64	3.0
1332	CS 53	1.11	0.70	1.81	420	28.0	1.72	85	51.36	4.73	2.9
1336	DPL 164BG2RF	0.69	0.50	1.19	407	23.5	1.63	89	50.19	4.77	3.1
1342	NM 03K1001	0.72	0.51	1.23	436	33.5	1.83	81	53.12	4.78	2.8
.	LSD	0.07	0.07	0.31	32.8	8.7	0.18	7	5.04	0.67	0.3

LOCATION=BOSSIER CITY, LA

VARIETIES COMBINING LOCATIONS

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 (%)
1338	JAJO 3077	2103	5.37	42.0	9.5	135	1.14	0.60	225	5.5
1330	AR 9803-23-08	1991	6.28	40.0	10.4	136	1.18	0.59	203	6.3
1196	STV 4892 BR	1920	5.56	41.0	10.7	128	1.09	0.61	212	6.8
1255	FM 960B2R	1918	5.76	38.0	11.7	137	1.15	0.59	221	4.0
1337	JAJO 3007	1851	5.96	41.0	10.5	129	1.14	0.62	215	6.0
1333	DPL 141BG2RF	1850	5.40	39.0	9.5	126	1.17	0.60	219	6.7
1334	DPL 143BG2RF	1812	5.72	38.0	10.2	125	1.19	0.60	212	6.4
1224	DP 555 R/R	1708	4.85	42.0	8.2	126	1.08	0.56	189	5.5
1309	FM 9063B2F	1690	5.85	38.0	11.7	143	1.19	0.62	237	4.8
1343	NM 03S1023	1638	5.14	37.0	10.3	147	1.14	0.64	229	6.0

1303	CS 37	1634	5.71	38.0	10.7	132	1.14	0.58	211	6.2
1335	DPL 161BG2RF	1630	4.98	39.0	9.8	132	1.14	0.60	221	5.9
1166	PHYTOGEN 72	1497	5.37	36.0	10.6	151	1.18	0.63	250	6.8
1331	CD 48	1482	5.22	39.0	10.4	130	1.17	0.60	212	5.2
1328	AR 9704-13-05	1461	6.12	40.0	11.3	126	1.08	0.58	189	5.8
1329	AR 9704-13-08	1456	6.10	40.0	11.5	118	1.12	0.59	191	6.3
1306	CS 45	1408	5.15	39.0	10.4	130	1.14	0.59	219	6.9
1332	CS 53	1399	4.89	36.0	11.0	122	1.15	0.61	212	6.9
1336	DPL 164BG2RF	1370	5.68	35.0	10.2	129	1.16	0.59	208	5.3
1342	NM 03K1001	1345	5.05	37.0	11.5	162	1.19	0.61	246	4.9
1339	NM 03N1168	1239	6.01	35.0	11.1	159	1.25	0.64	227	5.0
1340	TAM 01E-22	1216	5.83	34.0	13.0	144	1.21	0.63	233	4.8
.	LSD	543	0.46	.	1.0	9	0.04	0.03	22	1.1

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	MICRO-NAIRE (Reading) b	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)	
1338	JAJO 3077	5.45	1.15	85.4	34.0	6.7	71.0	7.6	5.40	2544	15.73	3.87
1330	AR 9803-23-08	4.85	1.20	85.7	30.0	6.5	70.0	6.5	4.95	3494	20.76	3.86
1196	STV 4892 BR	5.65	1.10	84.3	31.0	6.6	71.0	7.3	5.60	3015	20.05	3.76
1255	FM 960B2R	5.45	1.20	85.4	33.5	6.0	69.5	6.7	5.35	3189	21.80	3.79
1337	JAJO 3007	5.30	1.10	85.7	31.5	7.0	69.5	8.0	5.20	2607	19.55	3.93
1333	DPL 141BG2RF	4.90	1.20	85.3	30.5	6.1	70.0	7.0	5.10	2744	17.95	3.68
1334	DPL 143BG2RF	4.70	1.20	85.7	29.5	6.0	71.0	6.8	4.90	3562	20.50	3.48
1224	DP 555 R/R	5.35	1.10	84.2	30.0	5.8	70.5	6.5	5.35	2741	15.91	3.76
1309	FM 9063B2F	4.90	1.20	86.1	32.0	5.9	71.5	6.9	5.00	2718	20.60	3.61
1343	NM 03S1023	4.65	1.20	85.4	33.0	6.4	70.0	5.9	4.80	2969	19.65	3.89
1303	CS 37	5.20	1.20	84.9	32.5	6.5	71.5	6.7	5.20	3169	21.61	3.61
1335	DPL 161BG2RF	5.30	1.15	84.7	31.0	6.4	70.5	6.4	5.35	2811	20.86	3.69
1166	PHYTOGEN 72	4.70	1.20	86.1	36.0	6.7	69.5	7.9	4.80	2434	19.27	3.66
1331	CD 48	5.20	1.20	85.2	31.0	5.9	68.0	7.4	5.15	2381	19.48	3.69
1328	AR 9704-13-05	5.40	1.10	84.9	29.5	6.1	70.5	7.3	5.25	2257	19.55	3.53
1329	AR 9704-13-08	5.80	1.10	84.9	29.0	6.2	71.0	7.1	5.60	2146	20.13	3.56
1306	CS 45	4.90	1.20	84.7	32.0	6.3	71.5	7.0	5.00	2675	21.69	3.67
1332	CS 53	4.95	1.20	85.8	29.5	6.6	68.5	6.2	5.05	2370	20.67	3.66
1336	DPL 164BG2RF	4.75	1.15	84.7	29.5	5.9	69.5	6.5	4.95	2582	19.09	3.54
1342	NM 03K1001	4.80	1.20	86.2	35.0	6.5	69.0	7.0	4.95	2205	20.40	4.02
1339	NM 03N1168	4.25	1.25	87.4	32.5	6.1	70.0	6.6	4.30	1751	21.51	3.88
1340	TAM 01E-22	4.45	1.25	85.2	34.5	6.2	68.5	7.2	4.65	2402	19.63	3.90
.	LSD	0.38	0.07	1.6	2.1	0.3	3.3	1.0	0.35	1227	1.28	0.22

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1338	JAJO 3077	0.67	0.53	1.20	375	11.5	1.35	99	45.01	4.64	3.6
1330	AR 9803-23-08	0.65	0.42	1.07	407	15.8	1.46	95	44.77	4.25	3.2
1196	STV 4892 BR	0.97	0.65	1.62	379	16.5	1.47	95	48.55	4.95	3.4
1255	FM 960B2R	0.64	0.49	1.13	378	12.5	1.37	98	45.52	4.66	3.5
1337	JAJO 3007	0.77	0.47	1.23	390	21.3	1.58	90	50.78	5.03	3.2
1333	DPL 141BG2RF	0.75	0.60	1.34	410	16.3	1.47	95	44.79	4.23	3.2
1334	DPL 143BG2RF	0.91	0.70	1.61	405	16.8	1.48	94	45.75	4.37	3.2
1224	DP 555 R/R	0.58	0.42	1.00	387	13.0	1.39	98	44.85	4.48	3.4
1309	FM 9063B2F	0.61	0.49	1.10	408	14.5	1.42	97	43.75	4.15	3.2
1343	NM 03S1023	0.71	0.49	1.19	417	15.3	1.44	95	43.39	4.03	3.1
1303	CS 37	0.84	0.44	1.28	386	15.5	1.45	96	47.05	4.71	3.4
1335	DPL 161BG2RF	0.71	0.44	1.15	387	13.8	1.40	97	45.43	4.54	3.4
1166	PHYTOGEN 72	0.61	0.45	1.06	419	16.0	1.46	95	43.67	4.02	3.1
1331	CD 48	0.74	0.52	1.26	404	20.8	1.56	91	48.51	4.65	3.1
1328	AR 9704-13-05	0.68	0.52	1.20	394	16.8	1.48	94	47.00	4.62	3.3
1329	AR 9704-13-08	0.69	0.58	1.26	384	12.3	1.37	98	44.65	4.50	3.5
1306	CS 45	0.78	0.43	1.21	408	20.3	1.56	91	48.00	4.56	3.1
1332	CS 53	0.92	0.57	1.49	395	16.8	1.48	94	46.91	4.59	3.3
1336	DPL 164BG2RF	0.62	0.42	1.03	410	16.5	1.47	95	44.88	4.23	3.2
1342	NM 03K1001	0.78	0.53	1.31	406	8.3	1.26	103	38.80	3.70	3.5
1339	NM 03N1168	0.74	0.46	1.20	462	14.3	1.42	97	38.48	3.22	2.8
1340	TAM 01E-22	0.84	0.58	1.41	428	21.5	1.58	90	46.35	4.18	2.9
.	LSD	0.11	0.11	0.16	20.8	7.6	0.18	7	4.05	0.34	0.3

LOCATION=STONEVILLE, MS

VARIETIES COMBINING LOCATIONS

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 (%)
1329	AR 9704-13-08	1828	5.50	43.5	10.7	123	1.17	0.61	189	6.0
1337	JAJO 3007	1728	5.33	42.6	10.0	129	1.20	0.64	212	8.8
1328	AR 9704-13-05	1706	5.59	43.4	10.4	129	1.14	0.59	191	6.8
1224	DP 555 R/R	1657	4.84	43.2	8.1	129	1.16	0.57	207	5.5
1196	STV 4892 BR	1561	5.27	42.3	10.1	127	1.09	0.57	188	7.3

1306	CS 45	1544	4.66	40.9	9.2	128	1.16	0.61	212	6.8
1331	CD 48	1539	4.97	41.3	9.3	131	1.18	0.59	214	4.5
1303	CS 37	1499	4.99	40.8	9.5	130	1.12	0.57	202	6.4
1330	AR 9803-23-08	1476	5.21	42.1	9.1	142	1.26	0.65	225	8.5
1336	DPL 164BG2RF	1469	5.05	40.1	9.1	122	1.17	0.57	204	5.9
1335	DPL 161BG2RF	1435	4.95	40.5	8.7	131	1.20	0.61	211	6.9
1338	JAJO 3077	1418	5.06	43.6	8.7	119	1.21	0.60	214	7.0
1332	CS 53	1379	4.84	36.8	10.9	126	1.18	0.60	222	6.3
1339	NM 03N1168	1339	5.16	38.3	10.1	156	1.26	0.64	258	6.9
1334	DPL 143BG2RF	1330	5.23	39.1	9.6	127	1.21	0.60	207	5.8
1255	FM 960B2R	1319	5.92	39.8	11.0	142	1.20	0.61	217	5.8
1333	DPL 141BG2RF	1311	4.97	39.7	8.7	132	1.23	0.61	223	6.5
1309	FM 9063B2F	1249	5.94	38.9	11.3	138	1.24	0.61	224	6.4
1342	NM 03K1001	1121	4.79	41.9	9.2	157	1.20	0.62	244	7.0
1340	TAM 01E-22	1095	5.77	36.6	12.0	145	1.23	0.61	231	5.9
1166	PHYTOGEN 72	1008	5.07	38.7	10.3	145	1.26	0.66	238	7.3
1343	NM 03S1023	955	4.55	38.0	9.4	155	1.19	0.62	261	7.4
.	LSD	124	0.27	0.9	0.5	11	0.05	0.04	18	1.5

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)	(%)	(%)	
1329	AR 9704-13-08	4.85	1.20	84.8	29.0	6.5	71.0	9.2	4.75	2324	.	.
1337	JAJO 3007	4.70	1.20	84.6	32.0	7.2	68.5	9.8	4.55	2233	.	.
1328	AR 9704-13-05	4.90	1.10	84.0	31.0	6.6	70.5	8.9	4.80	2280	.	.
1224	DP 555 R/R	4.80	1.15	83.8	31.0	6.0	75.0	8.4	4.70	2090	.	.
1196	STV 4892 BR	5.15	1.10	82.5	30.5	6.6	70.5	9.4	5.00	2009	.	.
1306	CS 45	4.65	1.20	85.0	31.5	6.6	73.0	8.8	4.55	2200	.	.
1331	CD 48	5.25	1.20	82.6	31.5	6.0	70.0	9.6	4.90	2215	.	.
1303	CS 37	4.85	1.10	82.2	32.0	6.4	73.0	9.8	4.85	2062	.	.
1330	AR 9803-23-08	4.10	1.25	84.9	31.0	6.9	70.5	8.8	4.25	2014	.	.
1336	DPL 164BG2RF	4.80	1.20	83.5	31.0	6.2	71.5	8.7	4.65	2247	.	.
1335	DPL 161BG2RF	4.95	1.20	84.4	31.5	6.3	72.0	8.7	4.75	2014	.	.
1338	JAJO 3077	4.80	1.20	84.2	32.5	6.6	71.0	9.7	4.90	1641	.	.
1332	CS 53	5.05	1.15	83.8	30.0	6.6	70.5	8.7	4.95	2206	.	.
1339	NM 03N1168	4.05	1.25	85.0	31.5	6.3	71.5	9.7	4.05	2036	.	.
1334	DPL 143BG2RF	4.40	1.20	82.5	29.0	6.0	71.5	9.2	4.60	1997	.	.
1255	FM 960B2R	4.65	1.20	84.6	32.5	5.9	70.5	8.4	4.60	1828	.	.
1333	DPL 141BG2RF	4.40	1.20	83.5	29.5	6.2	72.0	9.1	4.60	1965	.	.
1309	FM 9063B2F	4.25	1.20	84.0	32.0	6.4	71.5	8.5	4.30	1847	.	.
1342	NM 03K1001	4.50	1.20	84.1	38.5	6.5	68.0	9.3	4.40	1506	.	.
1340	TAM 01E-22	4.60	1.20	83.5	34.0	5.9	69.5	9.3	4.55	1872	.	.
1166	PHYTOGEN 72	4.50	1.25	85.5	33.5	6.8	67.5	9.6	4.50	1455	.	.
1343	NM 03S1023	3.55	1.20	84.1	36.5	6.3	71.0	9.2	3.80	1402	.	.
.	LSD	0.48	0.07	1.6	3.1	0.4	3.0	0.8	0.35	255	.	.

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1329	AR 9704-13-08	.	.	.	418	28.5	1.73	84	51.97	4.80	2.9
1337	JAJO 3007	.	.	.	437	38.5	1.92	78	55.26	4.89	2.8
1328	AR 9704-13-05	.	.	.	413	25.8	1.67	87	50.97	4.78	3.0
1224	DP 555 R/R	.	.	.	425	23.0	1.62	89	47.75	4.34	2.9
1196	STV 4892 BR	.	.	.	409	27.8	1.72	85	52.80	5.01	3.0
1306	CS 45	.	.	.	431	31.0	1.78	83	51.95	4.66	2.8
1331	CD 48	.	.	.	411	24.3	1.64	88	50.12	4.71	3.0
1303	CS 37	.	.	.	417	25.3	1.67	87	50.08	4.64	3.0
1330	AR 9803-23-08	.	.	.	468	28.0	1.72	85	46.18	3.82	2.6
1336	DPL 164BG2RF	.	.	.	421	22.3	1.60	90	47.74	4.38	3.0
1335	DPL 161BG2RF	.	.	.	418	26.3	1.68	86	50.66	4.69	2.9
1338	JAJO 3077	.	.	.	421	29.8	1.76	84	52.38	4.81	2.9
1332	CS 53	.	.	.	410	26.0	1.68	86	51.56	4.87	3.0
1339	NM 03N1168	.	.	.	476	21.8	1.60	90	41.95	3.41	2.6
1334	DPL 143BG2RF	.	.	.	448	23.0	1.62	89	45.33	3.92	2.8
1255	FM 960B2R	.	.	.	429	21.0	1.58	91	46.03	4.15	3.0
1333	DPL 141BG2RF	.	.	.	450	30.0	1.76	83	49.22	4.23	2.7
1309	FM 9063B2F	.	.	.	450	26.3	1.69	86	47.09	4.05	2.7
1342	NM 03K1001	.	.	.	447	21.0	1.58	91	44.19	3.82	2.8
1340	TAM 01E-22	.	.	.	444	28.3	1.73	85	48.93	4.27	2.7
1166	PHYTOGEN 72	.	.	.	438	21.5	1.59	90	45.47	4.02	2.9
1343	NM 03S1023	.	.	.	507	34.5	1.85	80	45.84	3.50	2.4
.	LSD	.	.	.	19.5	8.6	0.17	7	5.37	0.60	0.2

LOCATION=PORTAGEVILLE, MO

VARIETIES COMBINING LOCATIONS

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 (%)
1196	STV 4892 BR	1696	7.60	.	.	115	1.15	0.57	203	7.2

1329	AR 9704-13-08	1640	7.35	.	.	116	1.16	0.56	194	6.8
1328	AR 9704-13-05	1627	7.30	.	.	119	1.12	0.55	207	6.7
1337	JAJO 3007	1572	7.03	.	.	127	1.17	0.60	212	7.8
1330	AR 9803-23-08	1493	6.68	.	.	139	1.23	0.57	218	7.5
1336	DPL 164BG2RF	1465	6.60	.	.	119	1.22	0.57	191	7.3
1331	CD 48	1456	6.53	.	.	131	1.24	0.58	224	6.6
1309	FM 9063B2F	1452	6.48	.	.	129	1.19	0.57	219	5.9
1306	CS 45	1450	6.50	.	.	126	1.18	0.56	211	8.0
1166	PHYTOGEN 72	1440	6.45	.	.	145	1.23	0.60	247	7.8
1255	FM 960B2R	1402	6.30	.	.	134	1.16	0.54	232	5.9
1335	DPL 161BG2RF	1388	6.20	.	.	131	1.22	0.58	205	7.2
1338	JAJO 3077	1362	6.13	.	.	128	1.17	0.57	215	6.3
1334	DPL 143BG2RF	1349	6.05	.	.	127	1.25	0.55	196	7.3
1332	CS 53	1348	6.03	.	.	124	1.18	0.57	199	7.9
1303	CS 37	1342	6.03	.	.	125	1.18	0.56	211	7.3
1224	DP 555 R/R	1338	5.98	.	.	121	1.13	0.54	223	6.4
1339	NM 03N1168	1332	5.98	.	.	152	1.23	0.60	246	6.7
1342	NM 03K1001	1268	5.68	.	.	140	1.18	0.61	225	6.2
1333	DPL 141BG2RF	1200	5.40	.	.	123	1.25	0.56	200	7.5
1343	NM 03S1023	1155	5.18	.	.	158	1.21	0.62	291	6.2
1340	TAM 01E-22	1057	4.75	.	.	143	1.25	0.60	236	5.6
.	LSD	195	0.88	.	.	8	0.04	0.03	24	1.1

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

VARIETY	VARIETY	MICRO-	SL-HVI	UNIFO-	STRE-		COLORIMETER	MICRO-	SEED		NITR	
CODE	NAME	NAIRE	2.5%	MITY	NGTH	E	HUNTER'S	NAIRE	YIELD	OIL	OGEN	
		(reading)	(in.)	(%)	(g/tex)		Rd	b (Reading)	(lb/ac)	(%)	(%)	
1196	STV 4892 BR	4.80	1.10	84.7	30.0	9.8	57.5	8.9	4.60	.	17.21	3.95
1329	AR 9704-13-08	4.20	1.15	84.2	30.0	9.0	61.0	8.8	4.15	.	17.43	4.09
1328	AR 9704-13-05	4.55	1.15	83.0	29.0	9.1	59.5	8.4	4.60	.	17.27	4.00
1337	JAJO 3007	4.10	1.20	84.4	30.0	9.6	60.0	9.3	4.30	.	18.78	4.15
1330	AR 9803-23-08	3.70	1.25	85.5	30.0	9.2	58.0	8.1	3.80	.	16.55	4.15
1336	DPL 164BG2RF	4.20	1.20	84.5	30.0	9.0	59.0	6.2	4.50	.	17.09	3.73
1331	CD 48	4.40	1.25	85.0	30.0	9.0	60.5	8.8	4.40	.	18.83	3.91
1309	FM 9063B2F	3.80	1.20	83.5	30.0	8.7	60.5	8.2	4.00	.	19.86	3.74
1306	CS 45	4.20	1.20	84.2	30.0	9.0	61.5	8.4	4.20	.	20.78	4.00
1166	PHYTOGEN 72	4.40	1.20	84.9	31.5	9.8	62.0	8.4	4.50	.	19.25	4.09
1255	FM 960B2R	4.20	1.20	83.6	33.0	9.2	61.0	7.5	4.20	.	19.40	3.96
1335	DPL 161BG2RF	4.40	1.20	85.1	30.5	9.0	59.5	8.1	4.45	.	16.93	4.01
1338	JAJO 3077	4.65	1.20	83.6	31.0	9.2	60.5	9.1	4.60	.	15.61	3.91
1334	DPL 143BG2RF	3.95	1.25	83.7	30.5	8.7	59.5	8.1	3.95	.	19.72	4.07
1332	CS 53	4.35	1.20	85.6	28.5	9.2	59.5	7.8	4.35	.	19.42	3.97
1303	CS 37	4.00	1.20	83.8	30.0	9.0	62.5	8.8	4.05	.	20.10	4.02
1224	DP 555 R/R	4.60	1.10	83.2	30.0	9.0	60.0	7.8	4.55	.	16.21	4.14

1339	NM 03N1168	3.45	1.25	85.3	30.0	8.7	60.5	8.5	3.60	.	19.82	4.09
1342	NM 03K1001	3.75	1.20	84.2	31.5	8.7	59.5	7.8	3.90	.	19.65	3.79
1333	DPL 141BG2RF	4.15	1.20	83.6	30.0	8.9	60.0	8.6	4.20	.	17.09	3.64
1343	NM 03S1023	4.30	1.25	84.4	34.0	9.4	57.5	8.8	4.40	.	18.80	3.83
1340	TAM 01E-22	3.90	1.25	83.5	31.5	8.5	59.0	9.2	4.05	.	18.89	3.87
.	LSD	0.45	0.09	1.6	1.4	0.5	4.4	0.8	0.47	.	1.40	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)
1196	STV 4892 BR	0.85	0.55	1.39	431	33.0	1.82	81	53.00	4.75	2.8
1329	AR 9704-13-08	0.60	0.46	1.04	471	40.0	1.95	76	52.12	4.28	2.6
1328	AR 9704-13-05	0.60	0.44	1.04	449	30.8	1.78	83	49.72	4.29	2.7
1337	JAJO 3007	0.74	0.44	1.17	462	39.5	1.95	77	52.78	4.42	2.6
1330	AR 9803-23-08	0.58	0.37	0.94	507	37.3	1.90	78	47.08	3.59	2.4
1336	DPL 164BG2RF	0.51	0.35	0.86	448	32.5	1.81	81	50.81	4.38	2.7
1331	CD 48	0.68	0.49	1.17	451	29.3	1.75	84	48.70	4.18	2.7
1309	FM 9063B2F	0.56	0.43	0.99	474	27.5	1.71	86	45.04	3.67	2.6
1306	CS 45	0.77	0.41	1.18	468	35.8	1.87	80	50.11	4.14	2.6
1166	PHYTOGEN 72	0.59	0.42	1.00	445	27.0	1.70	86	48.03	4.18	2.8
1255	FM 960B2R	0.63	0.45	1.08	469	35.0	1.86	80	49.71	4.10	2.6
1335	DPL 161BG2RF	0.48	0.36	0.84	448	31.5	1.79	83	50.26	4.34	2.7
1338	JAJO 3077	0.62	0.45	1.06	445	25.0	1.66	87	46.84	4.08	2.8
1334	DPL 143BG2RF	0.83	0.63	1.46	491	38.8	1.93	77	49.32	3.89	2.4
1332	CS 53	0.85	0.54	1.39	457	35.8	1.88	79	51.47	4.36	2.6
1303	CS 37	0.80	0.41	1.21	503	43.0	2.01	74	49.99	3.84	2.4
1224	DP 555 R/R	0.58	0.39	0.97	440	24.5	1.65	88	46.96	4.12	2.8
1339	NM 03N1168	0.67	0.39	1.06	530	34.3	1.84	80	43.62	3.19	2.3
1342	NM 03K1001	0.58	0.51	1.09	498	29.8	1.76	84	44.38	3.45	2.5
1333	DPL 141BG2RF	0.71	0.54	1.25	471	36.0	1.88	79	50.04	4.11	2.6
1343	NM 03S1023	0.48	0.32	0.80	469	25.0	1.66	87	44.54	3.68	2.7
1340	TAM 01E-22	0.71	0.46	1.17	481	35.5	1.87	79	48.81	3.93	2.5
.	LSD	0.06	0.06	0.12	31.5	9.9	0.19	8	3.57	0.37	0.2

LOCATION=LAS CRUCES, NM

VARIETIES COMBINING LOCATIONS

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 (%)
1224	DP 555 R/R	1308	4.52	47.0	.	.	.	.	.	.
1306	CS 45	1279	4.31	44.4	.	101	1.07	0.57	211	7.4
1303	CS 37	1241	4.18	43.4	.	106	1.10	0.58	211	8.3
1331	CD 48	1137	4.58	43.2	.	114	1.13	0.58	196	5.2
1338	JAJO 3077	1093	4.92	46.5	.	115	1.13	0.56	192	7.8
1332	CS 53	1089	4.29	39.8	.	106	1.07	0.58	183	7.1
1337	JAJO 3007	1051	4.99	45.1	.	117	1.12	0.62	205	9.2
1196	STV 4892 BR	1037	4.99	44.3	.	.	.	.	.	.
1255	FM 960B2R	1037	5.53	44.7	.	.	.	.	.	.
1328	AR 9704-13-05	1023	5.36	45.0	.	101	1.04	0.55	207	5.8
1330	AR 9803-23-08	995	5.41	43.8	.	121	1.16	0.60	211	8.3
1342	NM 03K1001	958	4.70	42.1	.	156	1.18	0.63	233	8.2
1329	AR 9704-13-08	931	5.29	44.3	.	101	1.08	0.56	199	6.4
1309	FM 9063B2F	910	5.13	41.8	.	125	1.14	0.57	170	9.2
1343	NM 03S1023	899	4.95	39.3	.	150	1.18	0.62	244	6.9
1166	PHYTOGEN 72	894	5.08	43.0	.	.	.	.	.	.
1339	NM 03N1168	883	4.77	40.7	.	138	1.20	0.64	248	6.9
1340	TAM 01E-22	810	4.87	40.2	.	130	1.16	0.60	237	5.5
.	LSD	152	0.48	1.7	.	7	0.03	0.04	17	1.7

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)	COLORIMETER HUNTER'S Rd	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)	
			2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)							
1224	DP 555 R/R	.	.	.	.	.	.	1473	.	.		
1306	CS 45	4.65	1.10	81.7	30.5	6.4	73.0	9.1	4.60	1606	22.76	3.58
1303	CS 37	4.65	1.10	82.0	29.0	6.8	77.0	8.3	4.50	1618	23.65	3.55
1331	CD 48	4.95	1.20	82.9	30.5	6.3	73.0	9.1	5.05	1493	20.67	3.52
1338	JAJO 3077	5.20	1.10	81.8	33.5	7.0	72.5	9.1	5.25	1259	18.55	3.37
1332	CS 53	4.85	1.10	83.0	26.5	7.1	76.5	8.4	4.85	1645	21.98	3.38
1337	JAJO 3007	4.65	1.15	83.2	32.0	7.8	72.5	9.9	4.65	1277	22.75	3.50
1196	STV 4892 BR	.	.	.	.	.	.	.	.	1304	.	.
1255	FM 960B2R	.	.	.	.	.	.	.	.	1289	.	.
1328	AR 9704-13-05	5.30	1.05	82.2	29.0	6.6	73.5	8.6	5.35	1249	22.13	3.62
1330	AR 9803-23-08	4.40	1.20	83.7	31.5	7.1	74.5	8.9	4.60	1275	22.48	3.81
1342	NM 03K1001	4.60	1.20	83.3	40.0	7.2	72.0	9.7	4.65	1320	22.73	3.32
1329	AR 9704-13-08	5.60	1.10	82.5	29.5	7.0	75.0	8.9	5.45	1164	23.09	3.55
1309	FM 9063B2F	4.60	1.20	81.7	30.5	6.2	77.0	8.0	4.85	1270	22.95	3.36
1343	NM 03S1023	4.15	1.20	84.5	38.0	6.7	71.0	8.3	4.10	1387	22.24	3.47

1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	1184	.	.
1339	NM 03N1168	4.00	1.20	84.1	34.0	6.9	70.5	8.0	4.05	1287	25.31	3.35
1340	TAM 01E-22	4.65	1.20	82.6	35.5	6.2	73.0	8.3	4.65	1209	23.41	3.91
.	LSD	0.45	0.06	1.0	3.1	0.3	4.0	0.8	0.37	206	1.78	0.29

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1224	DP 555 R/R	.	.	.	.	.	.	.	.	.	.
1306	CS 45	0.92	0.48	1.39	430	16.8	1.48	94	43.05	3.87	3.0
1303	CS 37	0.98	0.51	1.49	447	24.5	1.65	88	46.35	4.01	2.8
1331	CD 48	0.83	0.61	1.44	412	17.5	1.50	94	45.54	4.28	3.1
1338	JAJ0 3077	0.72	0.59	1.31	391	11.8	1.35	99	43.38	4.29	3.4
1332	CS 53	0.92	0.59	1.51	417	17.5	1.49	94	44.67	4.14	3.1
1337	JAJ0 3007	0.94	0.60	1.54	424	26.8	1.70	86	50.36	4.61	2.9
1196	STV 4892 BR	.	.	.	.	.	.	.	.	.	.
1255	FM 960B2R	.	.	.	.	.	.	.	.	.	.
1328	AR 9704-13-05	0.81	0.60	1.41	388	10.8	1.33	100	42.91	4.28	3.5
1330	AR 9803-23-08	0.76	0.51	1.27	446	19.3	1.54	92	43.20	3.75	2.9
1342	NM 03K1001	0.66	0.47	1.12	427	12.8	1.38	98	40.35	3.65	3.1
1329	AR 9704-13-08	0.86	0.70	1.56	380	13.3	1.39	98	45.90	4.68	3.5
1309	FM 9063B2F	0.68	0.54	1.22	423	20.5	1.57	91	46.37	4.24	3.0
1343	NM 03S1023	0.78	0.53	1.30	484	22.3	1.60	90	41.56	3.33	2.6
1166	PHYTOGEN 72	.	.	.	.	.	.	.	.	.	.
1339	NM 03N1168	0.84	0.52	1.36	500	19.0	1.53	93	38.31	2.97	2.6
1340	TAM 01E-22	0.86	0.61	1.46	434	21.5	1.58	90	45.72	4.10	2.9
.	LSD	0.09	0.09	0.14	35.8	10.0	0.23	9	5.92	0.67	0.4

LOCATION=KEISER, AR

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)	50% S.L. (inches)	STELOMETER T1 (mN/tex)	E1 (%)
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1336	DPL 164BG2RF	1523	3.98	40.3	9.2	139	1.18	0.57	207	6.7
1338	JAJO 3077	1503	4.52	43.9	9.7	139	1.18	0.59	211	6.3
1335	DPL 161BG2RF	1479	4.06	40.6	11.1	148	1.21	0.59	205	6.8
1224	DP 555 R/R	1452	4.29	43.8	9.5	133	1.12	0.53	183	6.2
1196	STV 4892 BR	1422	4.46	43.1	8.3	134	1.10	0.54	201	6.8
1331	CD 48	1420	4.10	39.9	10.1	139	1.18	0.56	199	5.5
1342	NM 03K1001	1404	4.14	41.3	10.8	172	1.20	0.60	252	5.7
1333	DPL 141BG2RF	1388	4.13	39.3	10.3	135	1.18	0.56	203	6.7
1306	CS 45	1380	3.93	40.6	10.0	140	1.16	0.57	212	7.4
1337	JAJO 3007	1379	4.34	42.0	9.4	140	1.17	0.59	209	8.4
1329	AR 9704-13-08	1341	4.22	40.5	10.9	132	1.14	0.57	206	6.6
1332	CS 53	1333	4.09	37.9	11.1	140	1.15	0.57	197	7.4
1303	CS 37	1333	4.25	38.6	10.0	145	1.18	0.60	218	7.6
1328	AR 9704-13-05	1326	4.43	41.0	9.9	139	1.12	0.57	214	6.6
1334	DPL 143BG2RF	1313	4.31	39.0	8.9	137	1.20	0.57	198	6.8
1309	FM 9063B2F	1299	4.99	38.8	10.0	149	1.22	0.59	222	6.5
1339	NM 03N1168	1275	3.90	38.1	9.8	169	1.25	0.62	225	6.8
1330	AR 9803-23-08	1244	4.75	41.5	10.6	156	1.23	0.60	231	8.4
1166	PHYTOGEN 72	1240	4.65	38.8	10.8	166	1.21	0.59	243	7.4
1255	FM 960B2R	1202	4.40	39.3	8.4	146	1.16	0.54	209	5.9
1343	NM 03S1023	1148	4.14	34.8	9.1	165	1.18	0.59	239	7.1
1340	TAM 01E-22	1016	4.62	36.4	9.3	155	1.25	0.62	216	5.4
.	LSD	188	0.63	1.6	2.4	9	0.05	0.05	15	0.9

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

VARIETY	VARIETY	MICRO-	SL-HVI	UNIFO-	STRE-		COLORIMETER	MICRO-	SEED		NITR	
CODE	NAME	NAIRE	2.5%	MITY	NGTH	E	HUNTER'S	NAIRE	YIELD	OIL	OGEN	
		(reading)	(in.)	(%)	(g/tex)		Rd	(Reading)	(lb/ac)	(%)	(%)	
1336	DPL 164BG2RF	4.10	1.20	83.8	29.5	6.0	68.0	7.7	4.10	2206	16.87	3.13
1338	JAJO 3077	4.75	1.20	83.4	33.0	6.9	66.5	7.8	4.75	1909	16.97	3.51
1335	DPL 161BG2RF	4.15	1.20	83.6	30.5	6.3	66.5	7.1	4.05	2059	16.13	3.36
1224	DP 555 R/R	4.35	1.15	83.1	29.5	5.8	70.0	7.7	4.40	1782	17.89	3.87
1196	STV 4892 BR	4.50	1.10	83.1	29.0	6.3	66.5	7.9	4.55	1697	18.68	3.50
1331	CD 48	4.25	1.20	82.0	30.0	5.8	63.0	7.9	4.10	2007	18.16	3.44
1342	NM 03K1001	4.05	1.25	85.0	37.5	6.9	66.0	7.4	4.05	1956	20.56	3.47
1333	DPL 141BG2RF	3.80	1.20	83.3	28.5	5.9	64.0	8.1	4.10	1954	17.71	3.33
1306	CS 45	4.35	1.20	83.2	30.5	6.3	68.5	7.3	4.20	2022	21.46	3.70
1337	JAJO 3007	3.95	1.20	84.8	31.5	7.1	65.0	8.6	4.05	1897	20.07	3.63
1329	AR 9704-13-08	4.55	1.20	83.7	29.5	6.5	66.5	8.0	4.65	1822	19.22	3.87
1332	CS 53	4.40	1.20	83.9	29.5	6.4	66.0	7.0	4.35	2014	20.54	3.21
1303	CS 37	3.85	1.25	83.9	31.0	6.3	67.0	7.2	3.85	2047	21.66	3.65
1328	AR 9704-13-05	4.55	1.10	84.0	31.5	6.6	65.5	7.3	4.45	2027	18.73	3.67
1334	DPL 143BG2RF	4.00	1.20	83.0	29.0	5.8	65.0	7.6	3.85	1991	20.55	3.07
1309	FM 9063B2F	3.85	1.20	83.8	32.5	6.0	68.5	7.0	3.85	1964	20.92	3.31

1339	NM 03N1168	3.45	1.30	85.1	32.5	6.6	64.5	7.0	3.65	1945	22.30	3.35
1330	AR 9803-23-08	3.85	1.25	85.2	31.0	6.9	64.5	7.1	3.95	1770	19.86	3.65
1166	PHYTOGEN 72	4.40	1.20	84.5	34.0	7.0	64.5	7.8	4.40	1938	22.11	3.71
1255	FM 960B2R	4.05	1.20	83.3	34.0	6.2	67.0	7.5	4.00	1839	20.60	3.75
1343	NM 03S1023	3.40	1.25	84.0	34.5	6.6	65.5	7.4	3.45	2160	21.29	3.46
1340	TAM 01E-22	4.15	1.25	84.9	34.5	6.2	67.0	7.8	4.10	1677	21.76	3.57
.	LSD	0.61	0.08	1.3	1.8	0.4	5.0	1.1	0.52	361	1.79	0.30

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1336	DPL 164BG2RF	0.55	0.37	0.92	481	34.8	1.85	80	48.47	3.92	2.5
1338	JAJO 3077	0.65	0.51	1.16	427	19.5	1.54	92	45.33	4.11	3.0
1335	DPL 161BG2RF	0.50	0.36	0.86	473	30.5	1.77	83	46.89	3.84	2.6
1224	DP 555 R/R	0.63	0.42	1.05	465	26.0	1.67	87	44.78	3.72	2.7
1196	STV 4892 BR	0.93	0.59	1.51	428	24.8	1.66	87	48.48	4.38	2.9
1331	CD 48	0.67	0.49	1.17	474	32.5	1.81	82	48.03	3.92	2.6
1342	NM 03K1001	0.55	0.37	0.92	475	24.5	1.65	88	43.58	3.54	2.6
1333	DPL 141BG2RF	0.76	0.58	1.33	469	29.3	1.75	84	46.78	3.86	2.6
1306	CS 45	0.84	0.41	1.24	468	33.8	1.84	81	49.33	4.09	2.6
1337	JAJO 3007	0.82	0.46	1.28	479	39.5	1.94	77	50.95	4.12	2.5
1329	AR 9704-13-08	0.59	0.51	1.10	436	27.3	1.71	86	49.12	4.36	2.8
1332	CS 53	0.89	0.55	1.45	455	34.8	1.86	80	51.13	4.35	2.6
1303	CS 37	0.83	0.41	1.23	507	45.8	2.05	73	50.85	3.89	2.3
1328	AR 9704-13-05	0.62	0.47	1.08	461	30.3	1.77	83	48.16	4.04	2.6
1334	DPL 143BG2RF	0.92	0.68	1.60	493	34.8	1.85	80	47.31	3.72	2.5
1309	FM 9063B2F	0.57	0.43	0.99	491	29.8	1.76	84	44.91	3.54	2.5
1339	NM 03N1168	0.76	0.45	1.21	535	38.0	1.92	78	44.93	3.25	2.2
1330	AR 9803-23-08	0.61	0.40	1.00	479	32.5	1.81	82	47.46	3.83	2.5
1166	PHYTOGEN 72	0.67	0.50	1.17	462	21.5	1.58	90	43.02	3.61	2.8
1255	FM 960B2R	0.71	0.42	1.13	467	35.3	1.87	80	50.16	4.16	2.6
1343	NM 03S1023	0.69	0.44	1.13	530	39.3	1.94	77	45.97	3.36	2.2
1340	TAM 01E-22	0.78	0.52	1.30	472	32.5	1.81	82	48.08	3.94	2.6
.	LSD	0.11	0.11	0.14	36.2	9.9	0.20	8	3.51	0.39	0.3

LOCATION=FLORENCE, SC

VARIETIES COMBINING LOCATIONS

VARIETY CODE	VARIETY NAME	LINT	BOLL	YARN			DIGITAL FIBROGRAPH		STELOMETER	
		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 (%)
1330	AR 9803-23-08	1023	5.58	41.6	9.6	139	1.13	0.58	229	8.0
1329	AR 9704-13-08	1020	5.48	42.1	10.0	116	1.09	0.57	211	5.9
1328	AR 9704-13-05	994	5.52	41.2	9.3	124	1.08	0.57	223	6.3
1333	DPL 141BG2RF	943	5.00	40.4	8.5	120	1.12	0.58	201	6.9
1334	DPL 143BG2RF	914	5.35	38.3	9.0	117	1.16	0.56	198	6.3
1303	CS 37	852	4.87	38.4	8.9	127	1.11	0.54	243	7.3
1196	STV 4892 BR	850	4.92	41.1	9.2	117	1.07	0.55	195	6.2
1336	DPL 164BG2RF	848	5.01	37.3	8.6	134	1.11	0.54	200	5.4
1331	CD 48	846	5.11	39.3	9.2	119	1.16	0.60	199	5.7
1337	JAJO 3007	842	5.16	39.4	8.8	141	1.15	0.60	224	6.9
1332	CS 53	836	4.47	34.6	9.5	122	1.13	0.59	214	7.7
1224	DP 555 R/R	812	5.00	40.6	8.0	123	1.10	0.54	209	6.4
1306	CS 45	811	4.61	37.9	8.8	131	1.13	0.56	227	7.4
1335	DPL 161BG2RF	809	4.98	39.4	8.7	120	1.12	0.59	207	5.3
1309	FM 9063B2F	807	5.47	39.2	9.8	122	1.13	0.58	220	5.2
1255	FM 960B2R	781	5.59	38.5	10.0	132	1.14	0.57	204	5.7
1338	JAJO 3077	743	5.55	40.8	9.0	130	1.10	0.58	237	6.3
1339	NM 03N1168	733	5.06	34.6	9.9	155	1.23	0.63	242	6.3
1166	PHYTOGEN 72	730	4.90	39.6	8.7	147	1.12	0.59	249	8.3
1342	NM 03K1001	699	4.54	36.9	9.2	153	1.12	0.59	262	6.3
1343	NM 03S1023	688	4.88	36.8	9.4	166	1.13	0.59	281	6.4
1340	TAM 01E-22	620	4.96	35.4	10.5	140	1.21	0.62	227	5.8
.	LSD	123	0.34	2.3	0.5	12	0.06	0.06	21	1.0

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

VARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	COLORIMETER		MICRO-	SEED	OIL	NITR	
		NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)	HUNTER'S	NAIRE (Reading)	YIELD (lb/ac)	OGEN (%)			
1330	AR 9803-23-08	4.00	1.10	82.4	34.0	6.6	74.0	7.9	4.15	1445	17.74	4.05
1329	AR 9704-13-08	4.50	1.10	81.7	30.5	6.0	75.5	8.3	4.70	1408	17.52	4.24
1328	AR 9704-13-05	4.40	1.05	82.4	31.5	6.1	72.0	7.9	4.40	1416	17.45	3.99
1333	DPL 141BG2RF	4.50	1.10	81.7	30.5	6.4	74.5	7.1	4.75	1393	18.05	3.85
1334	DPL 143BG2RF	3.80	1.15	81.8	29.0	6.0	76.0	7.2	3.95	1476	18.80	3.83
1303	CS 37	4.20	1.10	81.3	33.5	6.3	75.5	7.8	4.20	1366	20.03	4.08
1196	STV 4892 BR	4.60	1.00	81.5	28.5	5.8	73.5	8.9	4.60	1215	18.52	4.14
1336	DPL 164BG2RF	4.05	1.10	81.9	29.5	6.1	75.5	7.2	4.10	1423	17.42	4.00
1331	CD 48	4.45	1.10	82.2	31.0	5.8	74.0	8.7	4.55	1304	17.53	4.08
1337	JAJO 3007	3.50	1.10	82.8	34.5	6.7	73.5	9.8	3.65	1292	16.89	4.10
1332	CS 53	3.70	1.10	82.4	31.0	6.2	76.0	8.1	3.80	1584	18.98	3.97
1224	DP 555 R/R	3.65	1.10	80.9	29.0	5.2	74.0	6.5	3.90	1190	16.53	4.21

1306	CS 45	3.50	1.10	81.9	33.5	6.2	75.0	7.8	3.65	1337	20.03	4.20
1335	DPL 161BG2RF	4.80	1.10	81.2	32.0	6.6	76.0	7.5	4.95	1247	17.75	3.94
1309	FM 9063B2F	4.00	1.10	81.9	33.0	6.0	76.0	7.7	4.15	1252	19.49	3.84
1255	FM 960B2R	3.40	1.10	80.7	29.5	5.0	75.0	8.5	3.50	1250	18.89	4.09
1338	JAJO 3077	5.05	1.10	81.4	39.0	6.9	74.0	8.4	5.20	1078	15.66	4.07
1339	NM 03N1168	3.15	1.20	82.6	33.5	6.1	73.5	7.2	3.30	1383	20.69	4.11
1166	PHYTOGEN 72	3.85	1.10	81.8	34.5	6.5	72.0	8.1	4.05	1108	16.63	4.07
1342	NM 03K1001	3.70	1.10	82.2	37.0	6.6	72.5	7.3	3.90	1193	18.83	3.88
1343	NM 03S1023	3.80	1.15	82.4	42.0	6.6	74.0	8.6	3.90	1177	17.43	3.94
1340	TAM 01E-22	3.50	1.15	82.1	35.0	5.6	73.5	8.6	3.60	1137	17.26	3.97
.	LSD	1.00	0.06	1.7	3.9	0.3	2.4	1.1	0.91	177	1.14	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)
1330	AR 9803-23-08	0.39	0.27	0.66	475	31.0	1.78	83	47.15	3.85	2.6
1329	AR 9704-13-08	0.51	0.35	0.85	436	27.3	1.71	86	49.23	4.40	2.8
1328	AR 9704-13-05	0.47	0.32	0.79	422	22.0	1.59	90	47.29	4.34	3.0
1333	DPL 141BG2RF	0.65	0.45	1.10	449	30.3	1.76	84	49.15	4.26	2.7
1334	DPL 143BG2RF	0.71	0.48	1.19	492	33.3	1.82	81	46.53	3.69	2.5
1303	CS 37	0.63	0.28	0.90	472	37.3	1.90	78	50.62	4.15	2.5
1196	STV 4892 BR	0.52	0.32	0.84	447	31.3	1.78	83	49.74	4.30	2.8
1336	DPL 164BG2RF	0.44	0.25	0.69	502	37.3	1.91	78	47.60	3.67	2.4
1331	CD 48	0.51	0.30	0.81	471	33.5	1.83	81	48.80	4.02	2.6
1337	JAJO 3007	0.52	0.27	0.79	529	53.8	2.18	67	51.90	3.80	2.2
1332	CS 53	0.67	0.36	1.02	496	35.3	1.86	80	46.80	3.68	2.4
1224	DP 555 R/R	0.46	0.26	0.71	496	33.8	1.84	81	46.45	3.62	2.4
1306	CS 45	0.59	0.26	0.85	496	42.3	1.98	75	50.01	3.94	2.4
1335	DPL 161BG2RF	0.40	0.28	0.67	419	21.5	1.57	91	47.02	4.35	3.1
1309	FM 9063B2F	0.50	0.32	0.81	477	29.8	1.76	84	46.10	3.74	2.6
1255	FM 960B2R	0.42	0.25	0.67	531	50.8	2.13	69	50.34	3.69	2.2
1338	JAJO 3077	0.57	0.36	0.62	407	20.8	1.57	91	48.34	4.59	3.1
1339	NM 03N1168	0.58	0.29	0.87	574	45.3	2.04	73	44.86	3.06	2.1
1166	PHYTOGEN 72	0.49	0.29	0.78	487	25.3	1.67	87	42.91	3.41	2.6
1342	NM 03K1001	0.53	0.31	0.84	497	29.8	1.76	84	44.41	3.45	2.5
1343	NM 03S1023	0.40	0.24	0.64	482	27.5	1.71	86	44.16	3.55	2.6
1340	TAM 01E-22	0.58	0.34	0.92	528	40.3	1.94	77	46.09	3.42	2.3
.	LSD	0.10	0.10	0.21	89.9	21.0	0.40	15	3.35	0.61	0.6

VARIETIES COMBINING LOCATIONS

VARIETY CODE	VARIETY NAME	LINT	BOLL	YARN			DIGITAL FIBROGRAPH		STELOMETER	
		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 (%)
1329	AR 9704-13-08	380	4.25	41.0	9.4	106	1.07	0.52	183	7.4
1332	CS 53	370	3.96	35.8	8.2	118	1.08	0.53	176	8.1
1328	AR 9704-13-05	365	4.30	40.0	8.9	117	1.05	0.52	184	7.1
1331	CD 48	340	3.99	39.0	8.1	119	1.12	0.52	171	6.1
1224	DP 555 R/R	318	3.68	40.3	7.2	104	1.04	0.48	154	5.4
1166	PHYTOGEN 72	305	3.89	39.0	8.2	132	1.13	0.53	188	7.2
1255	FM 960B2R	302	3.74	36.8	8.9	124	1.08	0.49	184	5.7
1335	DPL 161BG2RF	300	3.39	38.3	7.6	105	1.09	0.50	171	5.8
1342	NM 03K1001	293	3.72	37.3	8.6	142	1.14	0.56	228	5.0
1330	AR 9803-23-08	292	4.09	40.5	8.3	129	1.17	0.55	203	8.8
1343	NM 03S1023	290	4.33	34.0	9.6	148	1.14	0.55	233	6.8
1339	NM 03N1168	289	3.82	33.3	8.9	139	1.17	0.55	212	6.4
1336	DPL 164BG2RF	268	3.61	35.8	8.0	97	1.09	0.51	172	6.7
1337	JAJO 3007	263	3.96	38.0	8.2	114	1.05	0.50	188	8.4
1309	FM 9063B2F	256	3.72	36.0	9.1	129	1.14	0.52	195	7.3
1303	CS 37	253	3.70	36.8	7.8	116	1.11	0.51	189	7.8
1196	STV 4892 BR	244	3.69	38.3	8.1	113	1.04	0.50	150	6.7
1306	CS 45	234	3.46	36.8	7.6	117	1.09	0.51	198	8.3
1334	DPL 143BG2RF	234	3.38	36.0	8.5	98	1.11	0.51	164	6.8
1338	JAJO 3077	232	3.68	40.8	7.1	105	1.05	0.49	188	6.9
1333	DPL 141BG2RF	232	3.61	38.3	7.7	93	1.07	0.50	158	6.3
1340	TAM 01E-22	206	3.76	35.0	9.9	135	1.16	0.54	185	5.4
.	LSD	69	0.49	1.3	0.6	14	0.05	0.03	15	0.8

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

VARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	SEED YIELD	COLORIMETER		SEED YIELD	OIL	NITR OGEN	
		NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)		HUNTER'S Rd	MICRO- NAIRE (Reading)				
1329	AR 9704-13-08	3.40	1.10	81.0	24.0	5.9	73.0	9.9	3.50	546	16.53	3.83
1332	CS 53	3.15	1.10	82.4	25.0	6.3	68.0	9.7	3.15	665	16.03	3.57
1328	AR 9704-13-05	3.10	1.05	81.2	24.5	5.8	71.5	10.0	3.20	550	15.54	3.82
1331	CD 48	3.15	1.15	81.1	26.0	5.8	70.0	10.5	3.15	531	16.54	3.74
1224	DP 555 R/R	2.70	1.05	79.2	17.5	4.1	74.5	8.9	2.80	471	14.48	4.18
1166	PHYTOGEN 72	2.85	1.10	81.5	26.5	5.9	69.5	10.5	2.85	480	16.45	4.01

1255	FM 960B2R	2.45	1.10	80.2	21.5	4.5	75.0	9.2	2.55	516	16.73	3.88
1335	DPL 161BG2RF	2.85	1.10	80.5	25.0	5.7	71.0	9.9	2.90	487	14.86	3.61
1342	NM 03K1001	2.65	1.10	80.8	32.0	5.9	68.0	10.0	2.70	495	15.58	3.72
1330	AR 9803-23-08	2.90	1.15	81.2	26.5	6.4	71.5	10.0	2.95	427	16.67	3.94
1343	NM 03S1023	2.60	1.15	82.6	30.5	5.8	68.5	9.3	2.65	559	15.50	3.53
1339	NM 03N1168	2.40	1.20	82.1	26.5	5.6	71.5	10.0	2.50	577	17.85	3.72
1336	DPL 164BG2RF	2.55	1.10	79.5	21.0	4.9	74.5	10.0	2.65	479	15.00	3.52
1337	JAJO 3007	2.70	1.10	80.8	25.5	5.9	69.0	11.0	2.80	429	15.39	3.74
1309	FM 9063B2F	2.50	1.15	80.7	26.0	5.4	75.0	9.4	2.55	455	16.80	3.64
1303	CS 37	2.50	1.10	81.5	22.0	5.2	73.0	9.8	2.60	434	17.45	3.63
1196	STV 4892 BR	2.70	1.00	80.9	22.0	5.5	69.5	10.5	2.85	393	15.70	3.92
1306	CS 45	2.60	1.10	80.7	26.5	5.9	70.5	10.0	2.60	403	17.44	3.67
1334	DPL 143BG2RF	2.40	1.15	79.5	21.5	5.2	72.5	9.9	2.60	419	15.39	3.72
1338	JAJO 3077	3.00	1.10	79.4	25.0	5.3	70.0	10.0	3.15	338	12.96	3.66
1333	DPL 141BG2RF	2.65	1.10	79.6	22.0	5.2	69.5	10.0	2.70	375	14.61	3.67
1340	TAM 01E-22	2.80	1.15	80.6	31.5	5.7	70.5	10.5	2.80	383	15.53	3.68
.	LSD	0.34	0.09	1.5	4.4	0.6	3.9	0.8	0.29	113	1.22	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)	
1329	AR 9704-13-08	0.51	0.39	0.90	556	48.8	2.10	70	47.58	3.33	2.1
1332	CS 53	0.67	0.41	1.07	550	47.5	2.08	71	47.56	3.35	2.2
1328	AR 9704-13-05	0.49	0.33	0.81	573	53.0	2.17	68	47.66	3.22	2.0
1331	CD 48	0.54	0.34	0.88	566	47.0	2.07	72	45.95	3.14	2.1
1224	DP 555 R/R	0.46	0.26	0.72	635	70.3	2.44	58	48.17	2.94	1.8
1166	PHYTOGEN 72	0.46	0.30	0.76	620	56.5	2.23	66	45.22	2.83	1.9
1255	FM 960B2R	0.47	0.29	0.75	672	74.5	2.50	55	46.63	2.68	1.7
1335	DPL 161BG2RF	0.48	0.25	0.73	605	54.5	2.20	67	45.62	2.92	1.9
1342	NM 03K1001	0.41	0.25	0.66	663	71.8	2.46	57	46.52	2.71	1.7
1330	AR 9803-23-08	0.37	0.21	0.58	615	57.0	2.24	66	45.68	2.89	1.9
1343	NM 03S1023	0.54	0.47	0.86	682	63.8	2.34	62	43.10	2.44	1.7
1339	NM 03N1168	0.52	0.28	0.80	.	.	.	.	.	.	.
1336	DPL 164BG2RF	0.54	0.24	0.78	682	70.5	2.44	58	44.94	2.55	1.7
1337	JAJO 3007	0.51	0.27	0.78	637	70.3	2.43	58	48.04	2.92	1.8
1309	FM 9063B2F	0.53	0.35	0.88	682	64.5	2.35	61	43.27	2.45	1.7
1303	CS 37	0.42	0.27	0.69	650	74.0	2.49	55	48.10	2.86	1.7
1196	STV 4892 BR	0.59	0.33	0.92	645	70.0	2.43	58	47.36	2.85	1.8
1306	CS 45	0.71	0.43	1.14	642	71.5	2.45	57	48.05	2.90	1.8
1334	DPL 143BG2RF	0.58	0.43	1.01	680	72.0	2.46	56	45.46	2.58	1.7
1338	JAJO 3077	0.41	0.26	0.66	625	63.3	2.33	62	46.84	2.91	1.8
1333	DPL 141BG2RF	0.51	0.35	0.87	646	67.3	2.39	60	46.42	2.78	1.8
1340	TAM 01E-22	0.56	0.37	0.93	617	56.8	2.23	66	45.42	2.86	1.9

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National Cotton Variety Tests, 2007
 Yield, Boll, Seed, Spinning and Data

2007 BLACKLANDS 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 (%)
1298	PHY 410R	899	4.09	40.0	9.2	136	1.10	0.57	225	5.9
1201	DPL 491	716	.	.	.	.	.	.	.	.
1214	PM 2167 RR	646	4.30	37.0	9.5	116	0.99	0.56	211	6.0
1255	FM 960B2R	572	4.70	39.5	10.6	137	1.09	0.54	222	4.8
1166	PHYTOGEN 72	556	4.29	37.0	10.1	157	1.16	0.61	264	8.0

1224	DP 555 R/R	417	3.67	42.0	7.5	111	1.04	0.54	202	5.9
1196	STV 4892 BR	362	4.33	41.5	10.5	123	1.07	0.58	205	6.8

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

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	EXTENSION E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1298	PHY 410R	5.00	1.10	81.8	35.0	6.6	71.5	7.6	4.95	1349	19.31	3.97
1201	DPL 491	.	.	.	.	.	.	.	.	.	.	.
1214	PM 2167 RR	5.25	1.00	83.3	33.0	6.7	68.5	6.8	5.10	1077	20.78	4.32
1255	FM 960B2R	4.80	1.10	82.6	33.5	6.2	71.5	6.8	4.70	873	21.13	3.96
1166	PHYTOGEN 72	4.40	1.10	81.9	37.5	7.0	70.0	7.9	4.35	946	19.23	4.03
1224	DP 555 R/R	4.80	1.10	82.5	32.0	6.0	71.5	6.3	4.70	575	17.22	4.14
1196	STV 4892 BR	5.35	1.10	83.7	33.5	7.2	69.0	7.4	5.25	508	18.83	4.06

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	M (%)	p (microns)	w (mg/in)	t (microns)	
1298	PHY 410R	0.80	0.64	1.43	.	.	.	.	.	.
1201	DPL 491	.	.	.	.	.	.	.	.	.
1214	PM 2167 RR	0.78	0.40	1.17	401	20.0	1.55	92	48.45	4.67	3.2
1255	FM 960B2R	0.70	0.52	1.21	418	19.0	1.53	92	45.78	4.23	3.1
1166	PHYTOGEN 72	0.66	0.46	1.12	435	19.5	1.54	92	44.39	3.94	2.9
1224	DP 555 R/R	0.64	0.43	1.06	419	18.0	1.51	93	45.05	4.16	3.0
1196	STV 4892 BR	0.91	0.59	1.49	392	19.5	1.54	92	49.37	4.88	3.3

-----BOLL SIZE, GRAM PER BOLL-----

-----LINT PERCENT-----

-----SEED INDEX-----

FM 960B2R 4.70

DP 555 R/R 42.0

FM 960B2R 10.6

STV 4892 BR	4.33
PM 2167 RR	4.30
PHYTOGEN 72	4.29
PHY 410R	4.09
DP 555 R/R	3.67
DPL 491	.

STV 4892 BR	41.5
PHY 410R	40.0
FM 960B2R	39.5
PM 2167 RR	37.0
PHYTOGEN 72	37.0
DPL 491	.

STV 4892 BR	10.5
PHYTOGEN 72	10.1
PM 2167 RR	9.5
PHY 410R	9.2
DP 555 R/R	7.5
DPL 491	.

 2.5% S.L. (INCHES)

FM 960B2R	1.10
STV 4892 BR	1.10
PHYTOGEN 72	1.10
PHY 410R	1.10
DP 555 R/R	1.10
PM 2167 RR	1.00
DPL 491	.

 UR (PERCENT)

STV 4892 BR	83.7
PM 2167 RR	83.3
FM 960B2R	82.6
DP 555 R/R	82.5
PHYTOGEN 72	81.9
PHY 410R	81.8
DPL 491	.

 STRENGTH (G/TEX)

PHYTOGEN 72	37.5
PHY 410R	35.0
STV 4892 BR	33.5
FM 960B2R	33.5
PM 2167 RR	33.0
DP 555 R/R	32.0
DPL 491	.

 E

STV 4892 BR	7.2
PHYTOGEN 72	7.0
PM 2167 RR	6.7
PHY 410R	6.6
FM 960B2R	6.2
DP 555 R/R	6.0
DPL 491	.

 MICRONAIRE (SL-HVI)

STV 4892 BR	5.25
PM 2167 RR	5.10
PHY 410R	4.95
FM 960B2R	4.70
DP 555 R/R	4.70
PHYTOGEN 72	4.35
DPL 491	.

 COLORIMETER - Rd

PHY 410R	71.5
FM 960B2R	71.5
DP 555 R/R	71.5
PHYTOGEN 72	70.0
STV 4892 BR	69.0
PM 2167 RR	68.5
DPL 491	.

 COLORIMETER - b

PHYTOGEN 72	7.9
PHY 410R	7.6
STV 4892 BR	7.4
FM 960B2R	6.8
PM 2167 RR	6.8
DP 555 R/R	6.3
DPL 491	.

 MICRONAIRE

STV 4892 BR	5.35
PM 2167 RR	5.25
PHY 410R	5.00
FM 960B2R	4.80
DP 555 R/R	4.80
PHYTOGEN 72	4.40
DPL 491	.

 STELOMETER - E1

PHYTOGEN 72	8.0
STV 4892 BR	6.8
PM 2167 RR	6.0
PHY 410R	5.9
DP 555 R/R	5.9
FM 960B2R	4.8
DPL 491	.

STELOMETER - T1	
PHYTOGEN 72	264
PHY 410R	225
FM 960B2R	222
PM 2167 RR	211
STV 4892 BR	205
DP 555 R/R	202
DPL 491	.

FIBROGRAPH--50% S.L.	
PHYTOGEN 72	0.61
STV 4892 BR	0.58
PHY 410R	0.57
PM 2167 RR	0.56
FM 960B2R	0.54
DP 555 R/R	0.54
DPL 491	.

FIBROGRAPH--2.5% SL	
PHYTOGEN 72	1.16
PHY 410R	1.10
FM 960B2R	1.09
STV 4892 BR	1.07
DP 555 R/R	1.04
PM 2167 RR	0.99
DPL 491	.

YARN TENACITY	
PHYTOGEN 72	157
FM 960B2R	137
PHY 410R	136
STV 4892 BR	123
PM 2167 RR	116
DP 555 R/R	111
DPL 491	.

AREALOMETER - A (mm ² /mm ³)	
PHYTOGEN 72	435
DP 555 R/R	419
FM 960B2R	418
PM 2167 RR	401
STV 4892 BR	392
PHY 410R	.
DPL 491	.

AREALOMETER - D (mm ²)	
PM 2167 RR	20.0
PHYTOGEN 72	19.5
STV 4892 BR	19.5
FM 960B2R	19.0
DP 555 R/R	18.0
PHY 410R	.
DPL 491	.

AREALOMETER - I	
PM 2167 RR	1.55
PHYTOGEN 72	1.54
STV 4892 BR	1.54
FM 960B2R	1.53
DP 555 R/R	1.51
PHY 410R	.
DPL 491	.

AREALOMETER - M (PERCENT)	
DP 555 R/R	93
FM 960B2R	92
PM 2167 RR	92
PHYTOGEN 72	92
STV 4892 BR	92
PHY 410R	.
DPL 491	.

AREALOMETER - p (Microns)	
STV 4892 BR	49.37
PM 2167 RR	48.45
FM 960B2R	45.78
DP 555 R/R	45.05
PHYTOGEN 72	44.39
PHY 410R	.
DPL 491	.

AREALOMETER - w (MG/INCH)	
STV 4892 BR	4.88

AREALOMETER - t (MICRONS)	
STV 4892 BR	3.3

SEED YIELD (LB/ACRE)	
PHY 410R	1349

PM 2167 RR	4.67
FM 960B2R	4.23
DP 555 R/R	4.16
PHYTOGEN 72	3.94
PHY 410R	.
DPL 491	.

PM 2167 RR	3.2
FM 960B2R	3.1
DP 555 R/R	3.0
PHYTOGEN 72	2.9
PHY 410R	.
DPL 491	.

PM 2167 RR	1077
PHYTOGEN 72	946
FM 960B2R	873
DP 555 R/R	575
STV 4892 BR	508
DPL 491	.

OIL (PERCENT)

FM 960B2R	21.13
PM 2167 RR	20.78
PHY 410R	19.31
PHYTOGEN 72	19.23
STV 4892 BR	18.83
DP 555 R/R	17.22
DPL 491	.

NITROGEN (PERCENT)

PM 2167 RR	4.32
DP 555 R/R	4.14
STV 4892 BR	4.06
PHYTOGEN 72	4.03
PHY 410R	3.97
FM 960B2R	3.96
DPL 491	.

PLUS GOSSYPOL

STV 4892 BR	0.91
PHY 410R	0.80
PM 2167 RR	0.78
FM 960B2R	0.70
PHYTOGEN 72	0.66
DP 555 R/R	0.64
DPL 491	.

MINUS GOSSYPOL

PHY 410R	0.64
STV 4892 BR	0.59
FM 960B2R	0.52
PHYTOGEN 72	0.46
DP 555 R/R	0.43
PM 2167 RR	0.40
DPL 491	.

TOTAL GOSSYPOL (PERCENT)

STV 4892 BR	1.49
PHY 410R	1.43
FM 960B2R	1.21
PM 2167 RR	1.17
PHYTOGEN 72	1.12
DP 555 R/R	1.06
DPL 491	.

LOCATIONS COMBINING VARIETIES

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)	(%)

DALLAS, TX 595 4.23 39.5 9.5 130 1.07 0.56 221 6.2

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

LOCATION	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
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DALLAS, TX 4.93 1.08 82.6 34.1 6.6 70.3 7.1 4.84 888 19.42 4.08

---GOSSYPOL LEVELS---

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

LOCATION	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
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DALLAS, TX 0.74 0.51 1.25 413 19.2 1.53 92 46.61 4.37 3.1

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 (%)
1298	PHY 410R	899	4.09	40.0	9.2	136	1.10	0.57	225	5.9
1201	DPL 491	716	.	.	.	.	.	.	.	.
1214	PM 2167 RR	646	4.30	37.0	9.5	116	0.99	0.56	211	6.0
1255	FM 960B2R	572	4.70	39.5	10.6	137	1.09	0.54	222	4.8
1166	PHYTOGEN 72	556	4.29	37.0	10.1	157	1.16	0.61	264	8.0
1224	DP 555 R/R	417	3.67	42.0	7.5	111	1.04	0.54	202	5.9
1196	STV 4892 BR	362	4.33	41.5	10.5	123	1.07	0.58	205	6.8
.	LSD	366	0.92	3.1	0.7	20	0.05	0.04	38	0.4

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	HUNTER'S			NAIRE	YIELD	(%)	GEN
		(reading)	(in.)	(%)	(g/tex)	E	Rd	b	(Reading)	(lb/ac)		(%)
1298	PHY 410R	5.00	1.10	81.8	35.0	6.6	71.5	7.6	4.95	1349	19.31	3.97
1201	DPL 491	.	.	.	.	.	.	.	.	.	.	.
1214	PM 2167 RR	5.25	1.00	83.3	33.0	6.7	68.5	6.8	5.10	1077	20.78	4.32
1255	FM 960B2R	4.80	1.10	82.6	33.5	6.2	71.5	6.8	4.70	873	21.13	3.96
1166	PHYTOGEN 72	4.40	1.10	81.9	37.5	7.0	70.0	7.9	4.35	946	19.23	4.03
1224	DP 555 R/R	4.80	1.10	82.5	32.0	6.0	71.5	6.3	4.70	575	17.22	4.14
1196	STV 4892 BR	5.35	1.10	83.7	33.5	7.2	69.0	7.4	5.25	508	18.83	4.06
.	LSD	0.28	.	1.9	2.5	0.6	1.6	0.4	0.46	522	1.64	0.36

---GOSSYPOL LEVELS---					-----AREALOMETER DATA-----							
VARIETY	VARIETY	PLUS	MINUS	TOTAL	A	D	M		p	w	t	
CODE	NAME	(+)	(-)	(%)	---(mm2/mm3)---			I	(%)	(microns)	(mg/in)	(microns)
1298	PHY 410R	0.80	0.64	1.43	.	.	.	.	.	.	.
1201	DPL 491	.	.	.	.	.	.	.	.	.	.
1214	PM 2167 RR	0.78	0.40	1.17	401	20.0	1.55	92	48.45	4.67	3.2	
1255	FM 960B2R	0.70	0.52	1.21	418	19.0	1.53	92	45.78	4.23	3.1	
1166	PHYTOGEN 72	0.66	0.46	1.12	435	19.5	1.54	92	44.39	3.94	2.9	
1224	DP 555 R/R	0.64	0.43	1.06	419	18.0	1.51	93	45.05	4.16	3.0	
1196	STV 4892 BR	0.91	0.59	1.49	392	19.5	1.54	92	49.37	4.88	3.3	
.	LSD	0.08	0.08	0.14	35.1	12.5	0.29	12	7.12	0.76	0.5	

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