



2016 National Cotton Variety Test

**Crop Genetics Research Unit
P O Box 345
Stoneville, MS 38776**

**(662) 686-3080
(662) 686-3079 (Fax)**



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

**National Cotton Variety Tests, 2016
Yield, Boll, Seed, Spinning and Data**

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

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

National Cotton Variety Tests, 2016.

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

Issued March, 2018.

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**United States Department of Agriculture
Agricultural Research Service
Crop Genetics Research Unit
P.O. Box 345
Stoneville, MS 38776**



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TEST LOCATIONS

ALTUS, OK (IRR)
CHILLICOTHE, TX (IRR)
COLLEGE STATION, TX
CORPUS CHRISTI, TX (DRY)
FIVE POINTS, CA
FLORENCE, SC
GRIFFIN, GA
JACKSON, TN
KEISER, AR
LAMESA, TX (DRY)
LAS CRUCES, NM
LUBBOCK, TX (IRR)
PORTAGEVILLE, MO
ROCKY MOUNT, NC
SAINT JOSEPH, LA
STARKVILLE, MS
STONEVILLE, MS
SUFFOLK, VA
WESLACO, TX



ACKNOWLEDGMENTS

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

Arkansas -- F. M. Bourland
California -- R. Hutmacher
Georgia -- J. Gassett
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Oklahoma -- R. Boman
South Carolina -- T. Campbell (USDA-ARS) and M. Jones
Tennessee -- T. Raper
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Virginia -- H. Frame

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:

DP 0912B2RF -- DELTA AND PINE LAND COMPANY;

FM 2484B2F-- FIBERMAX SEED COMPANY; AND

PHY 499WRF AND PHYTOGEN 725RF -- PHYTOGEN SEED COMPANY



JOINT COTTON BREEDING POLICY COMMITTEE

(As of April 2018)

A. Tucker, USDA, ARS-SEA, Stoneville, MS
T. Brooks, Americot, Inc., Lubbock, TX
D. Jones, Monsanto, Lubbock, TX
T. Shanower, USDA, ARS-PWA, Albany, CA
J. Pellow, Cotton Breeder, PhytoGen Seed Co., LLC, Leland, MS
M. Shields, Bayer Crop Science, Lubbock, TX
S. Lommel, Associate Dean and Dir. For NCARS, NC State University, Raleigh, NC
C. Nessler, Director, Texas AgriLife Research, College Station, TX
G. Hopper, Director, MAFES and Dean, MS State University, Starkville, MS
L. Chandler, USDA, ARS, Plains Area, Fort Collins, CO

Ex Officio

B. Norman, (Secretary), Vice-President, Technical Services, National Cotton Council, Cordova, TN
R. Scott, USDA, NPL, Beltsville, MD
E. Young, Executive Director, SAAESD, North Carolina State University, Raleigh, NC

Advisors

F. M. Bourland, (Chairman) National Cotton Variety Testing Program Committee, and
(Chairman) Genetics Award Nominations Committee, University of Arkansas, Keiser, AR
D. Jones, Cotton Incorporated, Cary, NC
T. Campbell, (Chairman), Cotton Germplasm Committee, USDA, ARS-CPSWPCRC, Florence, SC
L. Hinze, Germplasm Collection/CottonGen, USDA, ARS-SCRL, College Station, TX

NATIONAL COTTON VARIETY TEST COMMITTEE

(As of April 2017)

F. M. Bourland, (Chairman and Delta Region Chair) University of Arkansas-NEREC, Keiser, AR
R. Boman, Southwest Research and Extension Center, Altus, OK
T. Campbell, (Eastern Region Chair) Agricultural Research Service, USDA, Florence, SC
J. Gassett, University of Georgia, Griffin, GA
C. Delhom, Agricultural Research Service, USDA, New Orleans, LA
J. Dever, (Plains and Western Regions Chair) Texas Agricultural Experiment Station, Lubbock, TX
K. Edmisten, North Carolina State University, Raleigh, NC
D. Dobbs, Mississippi State, Starkville, MS
H. Frame, Virginia Tech, Suffolk, VA
C. Green, Delta & Pine Land Co., Hartsville, SC
S. Hague, (Central Region Chair) Texas Agricultural Experiment Station, College Station, TX
R. Hutmacher, (Pima Region Chair) West Side Research and Extension Center, Five Points, CA
D. Jones, Cotton Incorporated, Cary NC
M. Jones, Pee Dee Research and Educational Center, Florence, SC
P. F. Maugh, (Secretary) Agricultural Research Service, USDA, Stoneville, MS
J. Mahill, Dow Agrosiences, Corcoran, CA
G. Myers, Louisiana State University Agricultural Center, Baton Rouge, LA
A. Phillips Jones, University of Missouri, Portageville, MO
R. Scott, Agricultural Research Service, USDA, Beltsville, MD
M. Shields, Bayer CropScience, Lubbock, TX
C. W. Smith, Texas Agricultural Experiment Station, College Station, TX
T. Wallace, Mississippi State University, Starkville, MS
L. Zeng, (Coordinator and Regional High Quality Chair) Agricultural Research Service, USDA, Stoneville, 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:

Cottonseed Quality Archive File	1977 - 2016
Yield Archive File	1960 - 2016
Fiber Quality Archive File	1960 - 2016
Pima Combed Yarn Archive File	1962 - 2016

Code Files:

- Alpha & Numeric Variety Listings (2 files)
- Alpha & Numeric Location Listings (2 files)
(includes Regional Codes)

Excel Files:

- Yield Data File 1980-2015
- Fiber Quality Data File 1979-2015
- Cottonseed Quality Data File 1998-2015

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:

Ms. Patricia F. Maugh
National Cotton Variety Testing Program
P. O. Box 345
Stoneville, MS 38776
662-686-3080
e-mail address: patricia.maugh@ars.usda.gov

Dr. Linghe Zeng
National Cotton Variety Testing Program
P. O. Box 345
Stoneville, MS 38776
662-686-3626
linghe.zeng@ars.usda.gov



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 nineteenth 3-year testing cycle, beginning in 2014, the national standards were DP 0912B2RF, PHY 725RF, PHY 499WRF, and FM 2484B2F. Within each region, cooperators annually select a group of regional standard varieties that are common to all tests within the region for the particular year. In 1984, the cooperators for the Eastern, Central, and Delta regions elected to include interregional standards. Data on the national, regional, and interregional standards were included in this report. All varieties were grown to obtain experimental data, and the designation of national, regional, and interregional standards is not an endorsement of these varieties by the U. S. Department of Agriculture or the cooperating State Agricultural Experiment Stations.

Plot size, cultural practices, number of entries, and sampling methods were left to the discretion of the participating stations. While these details were not rigidly standardized, all tests were conducted by experienced personnel using sound experimental designs and procedures. Yield, boll size, lint percentage, and seed index were supplied by the cooperating stations. AFIS, HVI, and spinning tests were performed by USDA, ARS, SRRC, CSQR, New Orleans, LA, and chemical analyses of seed were completed by Eurofins Scientific, 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 into the current regional structure. 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.

Beginning with the 2012 NCVT publication, services previously provided by StarLab, Inc., Knoxville, TN, were discontinued due to the laboratory closure. Analysis of fiber samples were performed by the Cotton Structure and Quality Research Unit, USDA, ARS, SRRC, New Orleans, LA. Fiber sample analysis includes HVI, AFIS, and Spinning data.



REGIONAL TESTS PARTICIPATING STATIONS

Eastern Regional Cotton Variety Test (Upland Varieties)

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	
Northeast Research & Extension Center	Keiser, AR
Mississippi Agricultural and Forestry Experiment Station	
Delta Branch	Stoneville, MS
Louisiana Agricultural Experiment Station	
Northeast Louisiana Experiment Station	St. Joseph, LA
University of Missouri	
Delta Research Center	Portageville, MO
University of Tennessee	
West Tennessee Ag Research & Education Ctr.	Jackson, TN

Central Regional Cotton Variety Test (Upland Varieties)

Louisiana Agricultural Experiment Station	
Red River Valley Experiment Station	Bossier City, LA
Texas A&M University	
Extension Center	Weslaco, TX

Main Station
Off-Station Test

College Station, TX
Neuces County, TX

Blackland Regional Cotton Variety Test (Upland Varieties)

Texas A&M University

Agricultural Research and Extension
Stiles Farm Foundation

Dallas, TX
Thrall, TX

Plains Regional Cotton Variety Test (Upland Varieties)

Oklahoma Agricultural Experiment Station

Cotton Research Station

Irrigated Test

Dryland Test

Irrigation Experiment Station

Southwest Agronomy Research Station

Dryland Test

Texas A&M University

Agricultural Res. & Extension Ctr. (Lubbock)

Irrigated Test

Off-Station (Dryland Test)

Chickasha, OK

Chickasha, OK

Altus, OK

Tipton, OK

Lubbock, TX

Lamesa, TX

Western Regional Cotton Variety Test (Upland Varieties)

New Mexico Agricultural Experiment Station

Main Station

Southeastern Branch Station

Texas A&M University

Agricultural Research Center

Las Cruces, NM

Artesia, NM

Pecos, TX

High Quality Regional Cotton Variety Test

Arkansas Agricultural Experiment Station

Northeast Research & Extension Center

University of Missouri

Delta Research Center

Clemson University

Keiser, AR

Portageville, MO

Pee Dee Experiment Station	Florence, SC
Louisiana Agricultural Experiment Station	
Northeast Louisiana Experiment Station	St. Joseph, LA
Mississippi Agricultural & Forestry Experiment Station	
Delta Branch	Stoneville, MS
Texas A&M University	
Texas Agricultural Experiment Station	College Station, TX
Agricultural Research and Extension Center	Lubbock, TX
New Mexico State University	
Dept. Plant & Environmental Science	Las Cruces, NM
University of Tennessee	
West Tennessee Ag Research & Education Ctr.	Jackson, TN

Pima Regional Cotton Variety Test

Arizona Agricultural Experiment Station	
Safford Research Center	Maricopa, AZ
New Mexico State University	
Dept. Plant & Environmental Science	Las Cruces, NM
University of California	
West Side Research & Extension Center	Five Points, CA

Combed-Yarn Test (American Pima Varieties)**

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

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



EXPLANATIONS AND DEFINITIONS

No interpretation of the test results other than the indication of the significant difference among means based on an analysis of variance is presented. The variety x location interaction mean square was used as the Error term in F tests and Duncan's Multiple Range tests in the combined-over-locations ANOVA for each region. Statistical analyses and Duncan's Multiple Range tests 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 six 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. 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 presented in order of placement in the tables and defined as follows:

Breeder Data

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

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:

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

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

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

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

Seed Traits

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.

N (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.

Gossypol:

Processing protocols:

The gossypol content (including free and bound gossypol as well as methoxy-gossypol) in fuzzy seeds is determined by the HPLC Method described in AOCS Recommended Practice Ba 8a-99. The HPLC Method described in Vol. 59, page 546, 1982 of the Journal of the American Oil Chemist's Society is 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. This modification reduced 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 method (starting with 1987 crop) resulted in higher estimates of free gossypol than in previous years.

Gossypol is a terpenoid aldehyde that exists in two enantiomeric forms, (+) and (-); both determinations are reported labeled as 'Plus' and 'Minus' gossypol.

Free gossypol: Free gossypol is expressed as a percentage of the mass of the kernel.

HVI® Fiber Traits

Processing protocol:

Samples are conditioned according to ASTM D1776 prior to testing.

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

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

UHML (Upper Half Mean Length): the average length of the longer one-half of the fibers.

UI (Uniformity Index): the ratio between the mean length and the upper half man length (UHML) of the fibers expressed as a percentage.

STR (Strength): 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 reports prior to XXXX , this measurement was called Tenacity. Since the physical nature of this measurement is under investigation, use of the more general term seems appropriate.

ELO (Elongation): Elongation at point of break in strength determination.

Colorimeter:

Rd: The percentage of the reflectance; the higher the value, the lighter the cotton.

Hunter's Plus b (or +b) value: A measure of increasing yellowness of the cotton.

Spinning Data

Processing protocol:

60g of each sample was opened in a SpinLab Opener/Blender then carded at approximately 20 lbs/hr on a modified Saco Lowell Model 100 carding machine. Sliver was drawn twice on a modified Saco Lowell Model DF 11 draw frame to produce 42 grain/yd sliver suitable for spinning. Ring spinning was performed on an SDL Atlas Miniature Ring-Spinning frame to produce Ne 22/1 ring-spun yarn at 8,000 rpm spindle speed. One bobbin of yarn was produced per sample and tested per ASTM D1578, option 1 with results calculated using Equation 6. Waste percentage as reported is the percentage of material removed during the carding process.

Waste. The difference in mass, expressed as a percentage of the fed stock and delivered stock.

YT (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 are adjusted to standard skein basis and corrected to 27 tex.

AFIS Fiber Traits

Processing protocol:

The measurement of 3 slivers (0.5g per sliver) for each sample with 5,000 fibers measured per sliver by the Uster AFIS®. All samples are conditioned according to ASTM D1776.

L(n) (Length by number)[inches]: Mean length of fibers calculated by number.

L(w)(Length by weight): The average length of all the fibers in the sample computed on a weight basis.

SFC(n)(Short fiber content by number): The percent of the fibers, calculated by number, that are less than 0.50 in.

SFC(w) (Short fiber content by weight): The percent of the fibers, calculated by weight, that are less than 0.50 in.

UQL(w) (Upper quartile length of the fibers by weight): This is the length which is exceeded by 25% of the fibers by weight.

Fineness: Mean fiber fineness (weight per unit length) in millitex. One thousand meters of fibers with a mass of 1 milligram equals 1 millitex.

IFC (Immature Fiber Content): The percentage of fibers with less than 0.25 circularity. The lower the IFC%, the more suitable the fiber is for dyeing.

MR (Maturity Ratio): The ratio of fibers with a 0.5 (or more) circularity divided by the amount of fibers with a 0.25 (or less) circularity. The higher the maturity ratio, the more mature the fibers are and the better the fibers are for dyeing.

Nep Cnt/g (Nep Count per Gram): The total nep count normalized per gram. This includes both fiber and seed coat neps.

SCN Cnt/g (Seed Coat Nep Count per Gram): This is the number of neps normalized per gram that are classified as seed coat neps.



United States Department of Agriculture

Agricultural Research Service

Southeast Area

**Crop Genetics Research Unit
National Cotton Variety Test Program
P O Box 345
Stoneville, MS 38776
(662) 686-3080
Fax (662) 686-3079**

Other links:

[Crop Genetics Research Unit Home Page](#)

[Jamie Whitten Delta States Research Center](#)

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



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PLAINS

*******Beginning with 2015, Eurofins' readings are reported as Dry Matter Basis.*******

OVERALL SUMMARIES FOR PLAINS BY VARIETIES

COMBINING ALL SUB-REGIONS -- PLAINS

vcode	VARIETY	Lint	Seed			Boll					
		Yield (LB/A)	Yield (LB/A)	Lint Percent	Seed Index	Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
1441	FM 2484B2F	1284	2189	36.7	11	5.4	23.61	3.79	0.74	0.56	1.31
1475	FM 2011GT	1281	2130	37.1	11.9	6.84	22.19	3.81	0.59	0.48	1.06
1468	ST 4946GLB2	1253	2257	36.4	11.3	6.44	21.35	3.85	0.78	0.55	1.34
1465	NG 1511B2RF	1221	1964	38.7	10.2	5.71	18.94	3.84	0.82	0.65	1.47
1427	DP 1044B2RF	1216	2279	35.6	9.8	4.95	18.86	3.79	0.75	0.49	1.24
1412	DP 0912B2RF	1159	2175	35.5	10	5.6	20.4	3.7	0.72	0.53	1.26
1438	ALL-TEX NITRO 44B2RF	1153	2230	34.3	11.3	5.78	23.08	3.75	0.71	0.57	1.28
1404	PHY 499WRF	1137	2012	35.4	9.8	5.54	21.12	3.85	0.75	0.53	1.28
1426	Phytogen 725RF	843	1749	32.1	11.2	5.97	21.42	3.74	0.64	0.48	1.12

vcode	VARIETY	Upper Half										
		Micro naire	Maturity	Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1441	FM 2484B2F	4.63	0.86	1.2	83.6	7.8	32.4	7.6	77.9	7.5	6	91.78
1475	FM 2011GT	4.95	0.87	1.145	84	7.6	31.8	7.7	76.5	7.7	6	93.23
1468	ST 4946GLB2	5.04	0.86	1.15	84.6	7.3	32.5	9.3	75.4	8.6	6	86.7
1465	NG 1511B2RF	5.16	0.86	1.102	83.5	8.3	30.5	9.9	75.6	8.5	9	83.27
1427	DP 1044B2RF	4.9	0.85	1.14	84.3	7.3	29.4	10.1	76.5	8.2	6	78.18
1412	DP 0912B2RF	5.33	0.87	1.092	83.2	8.2	28.9	9.1	74.7	7.8	9	86.2
1438	ALL-TEX NITRO 44B2RF	4.3	0.85	1.227	85.1	6.8	33.6	8.8	76.2	8.2	10	86.07
1404	PHY 499WRF	4.95	0.85	1.13	84.4	7.4	30.5	10	75	8.1	7	83.57
1426	Phytogen 725RF	4.7	0.85	1.202	84.4	7.5	34.5	9.2	74.6	8.6	6	93.12

vcode	VARIETY	Length number	Length weight	Short	Short	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Fiber Content Number	Fiber Content Weight			Fiber Content			Number Count
1441	FM 2484B2F	0.88	1.04	18.2	6.1	1.25	182	2.7	1.02	154	10
1475	FM 2011GT	0.87	1.01	16.7	5.7	1.2	185.8	2.6	1.03	142	16
1468	ST 4946GLB2	0.88	1.02	16.3	5.5	1.19	198.5	2.4	1.03	126	15
1465	NG 1511B2RF	0.86	0.99	15.2	5.3	1.16	197.3	2.3	1.01	125	13
1427	DP 1044B2RF	0.85	1	18.8	6.3	1.19	192.8	3.3	0.97	158	13
1412	DP 0912B2RF	0.85	0.98	15.8	5.5	1.14	204.2	2.1	1.04	125	16
1438	ALL-TEX NITRO 44B2RF	0.93	1.09	15.2	4.8	1.28	174.3	3	0.99	160	15
1404	PHY 499WRF	0.88	1.01	15.8	5.2	1.18	190.2	2.5	1	164	20
1426	Phytogen 725RF	0.9	1.05	15.8	5.4	1.24	181.7	2.4	1.03	211	29

PLAINS SUB-REGION 11 ONLY

vcode	VARIETY	Lint	Seed	Lint Percent	Seed Index	Boll	Oil	Nitr ogen	Plus	Minus	Free
		Yield (LB/A)	Yield (LB/A)			Size (G/Boll)			Gossypol	Gossypol	Gossypol
1441	FM 2484B2F	934	1306	39.6	11.4	4.87	24.1	3.88	0.72	0.55	1.27
1475	FM 2011GT	864	1242	39.1	11.8	5.91	21.96	3.87	0.54	0.44	0.97
1468	ST 4946GLB2	850	1299	39.1	11.4	5.87	21.65	3.97	0.73	0.53	1.26
1404	PHY 499WRF	847	1257	37.8	9.9	4.83	21.15	3.93	0.67	0.48	1.15
1412	DP 0912B2RF	811	1386	38.3	9.9	4.99	20.33	3.7	0.71	0.52	1.23
1427	DP 1044B2RF	784	1166	38.5	9.7	4.28	21.7	3.78	0.74	0.48	1.22
1465	NG 1511B2RF	737	1107	40.4	10.3	5.05	20.9	3.88	0.81	0.64	1.46
1438	ALL-TEX NITRO 44B2RF	674	1208	35.3	11.5	5.12	24.19	3.83	0.69	0.55	1.24
1426	Phytogen 725RF	612	1094	34.7	10.9	5.38	21.63	3.91	0.57	0.43	1
.	LSD	204	420	2	0.8	0.48	1.31	0.44	0.07	0.05	0.11

		Upper Half										
vcode	VARIETY	Micro naire	Maturity	Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1441	FM 2484B2F	4.89	0.87	1.173	83.3	7.7	33	7.9	81.8	8	5	94.55
1475	FM 2011GT	5.03	0.87	1.113	83.2	7.8	31.9	8	79.8	8.3	5	92.93
1468	ST 4946GLB2	5.19	0.86	1.123	84.1	7.3	33.1	9.7	78.7	9.2	5	90.85
1404	PHY 499WRF	5.11	0.86	1.105	84	7.3	30.5	10.5	78.2	8.5	6	89.03
1412	DP 0912B2RF	5.46	0.87	1.073	83.3	8	29.5	9.7	78.4	8.2	5	90.9
1427	DP 1044B2RF	5.13	0.85	1.118	84.4	7	29.8	10.4	80.2	8.8	5	77.18
1465	NG 1511B2RF	5.35	0.86	1.065	83.2	8.3	30.9	10.3	78.9	9.3	8	85.18
1438	ALL-TEX NITRO 44B2RF	4.62	0.85	1.203	85.1	6.7	34.1	9.3	80.1	8.7	9	87.18
1426	Phytogen 725RF	4.88	0.86	1.173	84	7.5	34.3	9.7	77.4	9.3	5	95.1
.	LSD	0.22	0.01	0.051	1.8	0.9	2.2	1	1	0.6	5	20.98

		Lower Half									
vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content Weight	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat Number Count
1441	FM 2484B2F	0.89	1.04	16.5	5.5	1.23	190.3	2.1	1.05	173	7
1475	FM 2011GT	0.86	1	16	5.5	1.17	188.8	2.4	1.04	161	14
1468	ST 4946GLB2	0.88	1.01	14	4.7	1.17	205.5	1.9	1.05	137	15
1404	PHY 499WRF	0.88	1	14.5	4.8	1.15	196	2.1	1.02	173	18
1412	DP 0912B2RF	0.86	0.98	14.5	4.9	1.12	210.5	1.6	1.06	130	14
1427	DP 1044B2RF	0.86	1	17.5	5.8	1.17	199.8	2.7	0.99	161	10
1465	NG 1511B2RF	0.85	0.97	13.8	4.8	1.13	205.5	1.8	1.04	132	11
1438	ALL-TEX NITRO 44B2RF	0.94	1.09	12.8	4	1.26	183.5	2.1	1.02	156	11
1426	Phytogen 725RF	0.89	1.03	15.3	5.3	1.21	187	2.1	1.04	256	32
.	LSD	0.05	0.05	3.2	1.4	0.05	8.4	0.7	0.03	50	8

vcode	VARIETY	Length number	Length weight	Short	Short	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Fiber Content Number	Fiber Content Weight			Fiber Content			Number Count
1465	NG 1511B2RF	0.87	1.02	18	6.2	1.22	181	3.4	0.96	110	16
1475	FM 2011GT	0.89	1.05	18	6.1	1.25	180	3.2	1.01	103	20
1468	ST 4946GLB2	0.86	1.04	21	7.2	1.25	184.5	3.5	0.98	103	16
1427	DP 1044B2RF	0.84	1.01	21.5	7.4	1.22	179	4.4	0.92	152	20
1441	FM 2484B2F	0.87	1.06	21.5	7.3	1.29	165.5	4	0.98	116	14
1438	ALL-TEX NITRO 44B2RF	0.91	1.1	20	6.5	1.33	156	4.8	0.93	167	24
1412	DP 0912B2RF	0.84	0.99	18.5	6.7	1.17	191.5	3	1	115	22
1404	PHY 499WRF	0.88	1.04	18.5	6.2	1.22	178.5	3.5	0.97	144	24
1426	Phytogen 725RF	0.92	1.09	17	5.6	1.3	171	3.1	1	121	24
.	LSD	.	.	.	.	.	.	.	.	.	.

PLAINS REGION SUMMARY BY LOCATION SITES

LOCATION	Lint Yield (LB/A)	Seed Yield (LB/A)	Lint Percent	Seed Index	Boll Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
ALTUS, OK (IRR)	1995	3312	37.6	10.7	7.13	19.74	3.65	0.8	0.59	1.39
CHILLICOTHE, TX (IRR)	1113	2666	29.2	.	.	.	.	.	.	.
LUBBOCK, TX (IRR)	919	1299	39	10.6	5.06	21.24	3.67	0.67	0.52	1.19
LAMESA, TX (DRY)	662	1160	37.2	10.8	5.22	22.67	4.05	0.7	0.5	1.2

LOCATION	Micro naire	Maturity	Upper Half		Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
			Mean Length	Uniformity Index							
ALTUS, OK (IRR)	4.51	0.85	1.208	84.7	7.7	30.9	8.2	68.9	7	11	82.29
CHILLICOTHE, TX (IRR)	.	.	.	.	.	.	.	.	.	.	.
LUBBOCK, TX (IRR)	4.86	0.85	1.135	84.3	7.4	32.4	9.5	80.4	8.5	5	93.04
LAMESA, TX (DRY)	5.29	0.87	1.119	83.4	7.6	31.4	9.5	78.1	8.9	7	85.38

LOCATION	Length number	Length weight	Short Fiber Content Number	Short Fiber Content Weight	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat Number Count
ALTUS, OK (IRR)	0.88	1.04	19.3	6.6	1.25	176.3	3.6	0.97	126	20
CHILLICOTHE, TX (IRR)	.	.	.	.	.	.	.	.	.	.
LUBBOCK, TX (IRR)	0.88	1.02	16	5.3	1.19	190.7	2.4	1.02	164	13
LAMESA, TX (DRY)	0.88	1	13.9	4.7	1.16	201.9	1.7	1.05	165	16

PLAINS REGION INDIVIDUAL LOCATION SUMMARIES

LOCATION: LUBBOCK, TX (IRR)

vcode	VARIETY	Lint Yield (LB/A)	Seed Yield (LB/A)	Lint Percent	Seed Index	Boll Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
1441	FM 2484B2F	1132	1296	41.5	11.8	4.75	22.94	3.82	0.71	0.55	1.25
1475	FM 2011GT	951	1205	39.7	11.8	5.83	20.93	3.4	0.52	0.45	0.97
1468	ST 4946GLB2	934	1439	39.8	11	5.6	20.87	3.71	0.72	0.54	1.25
1427	DP 1044B2RF	931	1166	40.1	9.7	4.21	21.86	3.78	0.77	0.5	1.27
1404	PHY 499WRF	928	1193	37.8	9.6	4.72	20.4	3.76	0.62	0.47	1.09
1465	NG 1511B2RF	899	1279	41.5	10.1	4.83	19.88	3.75	0.81	0.67	1.48
1412	DP 0912B2RF	867	1360	38.7	9.8	5.2	19.56	3.48	0.68	0.53	1.21
1426	Phytogen 725RF	856	1417	36.1	10.9	5.22	20.94	3.71	0.58	0.46	1.04
1438	ALL-TEX NITRO 44B2RF	777	1342	35.6	11.4	5.2	23.82	3.69	0.67	0.55	1.21
.	LSD	217	421	1.8	1.4	0.86	1.71	0.33	0.05	0.04	0.07

Upper Half

vcode	VARIETY	Micro naire	Maturity	Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1441	FM 2484B2F	4.66	0.86	1.18	83.2	7.6	33.3	7.8	83.2	8	5	103.6
1475	FM 2011GT	4.74	0.87	1.115	83.3	8	31.9	7.9	80.5	8	5	89.9
1468	ST 4946GLB2	4.94	0.86	1.125	85	7.4	32.9	9.7	80.1	8.8	4	94.2
1427	DP 1044B2RF	4.87	0.85	1.115	84.7	7	30.9	10.8	81.4	8.4	5	79.55
1404	PHY 499WRF	4.9	0.85	1.105	84.4	7.2	31.4	10.5	78.9	8.5	7	89.05
1465	NG 1511B2RF	5.19	0.86	1.11	84.9	7.7	32.3	9.9	80.4	8.9	5	82.55
1412	DP 0912B2RF	5.18	0.86	1.09	83.9	7.4	30.8	9.4	79.6	8.1	5	108.8
1426	Phytogen 725RF	4.79	0.85	1.18	84	7.4	34.8	10.2	78.4	9	4	99.8
1438	ALL-TEX NITRO 44B2RF	4.46	0.85	1.195	85.6	6.8	33.8	9.7	80.9	8.6	6	89.95
.	LSD	0.22	0.01	0.054	2	0.9	1.5	1.2	1.7	0.8	3	22.67

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content Weight	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat Number Count
1441	FM 2484B2F	0.86	1.02	18.5	6.4	1.22	182.5	2.7	1.03	203	8
1475	FM 2011GT	0.85	1.01	18.5	6.2	1.19	179	3	1.02	165	9
1468	ST 4946GLB2	0.88	1.02	16	5.3	1.19	197	2.4	1.04	146	14
1427	DP 1044B2RF	0.86	1.01	18	6	1.18	194.5	3	0.99	162	12
1404	PHY 499WRF	0.87	1	16	5.3	1.16	190.5	2.4	1.01	161	14
1465	NG 1511B2RF	0.88	1.01	13.5	4.6	1.17	202	1.8	1.04	135	11
1412	DP 0912B2RF	0.87	1	14.5	4.7	1.15	206	1.9	1.05	128	14
1426	Phytogen 725RF	0.9	1.05	15.5	5.2	1.23	183.5	2.3	1.04	225	26
1438	ALL-TEX NITRO 44B2RF	0.95	1.09	13.5	4.2	1.27	181.5	2.3	1.02	152	10
.	LSD	0.06	0.06	3.2	1.6	0.06	8	0.6	0.02	79	16

LOCATION: LAMESA, TX (DRY)

vcode	VARIETY	Lint	Seed	Boll				Nitr	Plus	Minus	Free
		Yield	Yield	Lint	Seed	Size	Oil				
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)		ogen	Gossypol	Gossypol	Gossypol
1475	FM 2011GT	777	1280	38.5	11.8	5.98	22.99	4.35	0.55	0.43	0.98
1404	PHY 499WRF	766	1321	37.9	10.2	4.94	21.9	4.1	0.72	0.5	1.22
1468	ST 4946GLB2	765	1160	38.4	11.8	6.13	22.43	4.24	0.75	0.52	1.27
1412	DP 0912B2RF	756	1411	37.8	10	4.78	21.1	3.93	0.73	0.52	1.25
1441	FM 2484B2F	737	1317	37.8	11	5	25.26	3.95	0.73	0.55	1.28
1427	DP 1044B2RF	638	1167	36.9	9.6	4.35	21.54	3.78	0.71	0.46	1.16
1465	NG 1511B2RF	575	935	39.3	10.4	5.28	21.93	4.01	0.82	0.62	1.44
1438	ALL-TEX NITRO 44B2RF	571	1075	34.9	11.6	5.04	24.56	3.97	0.72	0.56	1.27
1426	Phytogen 725RF	369	772	33.2	11	5.54	22.33	4.11	0.57	0.4	0.97
.	LSD	132	353	2.6	1	0.62	1.09	0.23	0.08	0.11	0.19

vcode	VARIETY	Upper Half										
		Micro	Maturity	Mean	Uniformity	Short	Strength	Elon	Hunters	Waste	Yarn	
		naire		Length	Index	Fiber		gation	RD	Plus b	Tenacity	
1475	FM 2011GT	5.32	0.88	1.11	83.1	7.7	32	8.2	79	8.7	5	95.95
1404	PHY 499WRF	5.32	0.86	1.105	83.6	7.4	29.7	10.5	77.5	8.5	5	89
1468	ST 4946GLB2	5.45	0.87	1.12	83.1	7.3	33.3	9.8	77.4	9.6	5	87.5
1412	DP 0912B2RF	5.74	0.87	1.055	82.8	8.7	28.1	9.9	77.1	8.4	6	73.05
1441	FM 2484B2F	5.13	0.87	1.165	83.4	7.8	32.7	8.1	80.4	8	5	85.5
1427	DP 1044B2RF	5.39	0.86	1.12	84.1	7	28.7	10	78.9	9.1	5	74.8
1465	NG 1511B2RF	5.51	0.86	1.02	81.6	8.9	29.5	10.8	77.4	9.7	11	87.8
1438	ALL-TEX NITRO 44B2RF	4.78	0.86	1.21	84.6	6.6	34.4	8.9	79.2	8.8	12	84.4
1426	Phytogen 725RF	4.97	0.86	1.165	84	7.6	33.9	9.2	76.5	9.5	5	90.4
.	LSD	0.24	0.01	0.052	2.1	1.5	1.7	0.9	1.4	0.8	9	18.67

vcode	VARIETY	Length number	Length weight	Short	Short	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep	Seed Coat
				Fiber Content Number	Fiber Content Weight			Fiber Content		Count	Number Count
1475	FM 2011GT	0.87	0.99	13.5	4.8	1.15	198.5	1.7	1.07	157	18
1404	PHY 499WRF	0.89	1.01	13	4.3	1.15	201.5	1.8	1.02	186	21
1468	ST 4946GLB2	0.89	1	12	4	1.14	214	1.3	1.07	128	16
1412	DP 0912B2RF	0.84	0.96	14.5	5.1	1.1	215	1.3	1.07	132	14
1441	FM 2484B2F	0.92	1.05	14.5	4.6	1.24	198	1.6	1.07	143	7
1427	DP 1044B2RF	0.86	0.99	17	5.6	1.16	205	2.5	1	161	8
1465	NG 1511B2RF	0.83	0.94	14	5.1	1.09	209	1.7	1.04	129	11
1438	ALL-TEX NITRO 44B2RF	0.94	1.08	12	3.7	1.25	185.5	2	1.03	161	12
1426	Phytogen 725RF	0.87	1.01	15	5.4	1.18	190.5	1.9	1.05	288	38
.	LSD	0.06	0.06	3.4	1.4	0.06	8.4	0.5	0.02	84	10

LOCATION: CHILLICOTHE, TX (IRR)

vcode	VARIETY	Lint	Seed	Lint Percent	Seed	Boll	Oil	Nitr ogen	Plus	Minus	Free
		Yield (LB/A)	Yield (LB/A)		Index	Size (G/Boll)			Gossypol	Gossypol	Gossypol
1427	DP 1044B2RF	1310	3096	29.7	.	.	.	.	.	.	.
1468	ST 4946GLB2	1279	2958	30.1	.	.	.	.	.	.	.
1465	NG 1511B2RF	1237	2476	33.3	.	.	.	.	.	.	.
1438	ALL-TEX NITRO 44B2RF	1210	2819	30	.	.	.	.	.	.	.
1475	FM 2011GT	1182	2693	30.4	.	.	.	.	.	.	.
1412	DP 0912B2RF	1137	2902	28.2	.	.	.	.	.	.	.
1441	FM 2484B2F	1107	2543	30.4	.	.	.	.	.	.	.
1404	PHY 499WRF	922	2522	26.7	.	.	.	.	.	.	.
1426	Phytogen 725RF	630	1988	24.1	.	.	.	.	.	.	.
.	LSD	267	624	1.1	.	.	.	.	.	.	.

LOCATION: ALTUS, OK (IRR)

vcode	VARIETY	Lint	Seed	Boll				Nitr	Plus	Minus	Free
		Yield	Yield	Lint	Seed	Size	Oil				
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)		ogen	Gossypol	Gossypol	Gossypol
1475	FM 2011GT	2216	3343	39.7	12.2	8.7	22.66	3.7	0.69	0.56	1.25
1465	NG 1511B2RF	2173	3165	40.6	10.1	7.03	15	3.77	0.84	0.67	1.5
1441	FM 2484B2F	2162	3600	37.4	10.2	6.47	22.64	3.6	0.8	0.59	1.39
1438	ALL-TEX NITRO 44B2RF	2054	3684	36.5	10.9	7.1	20.88	3.59	0.76	0.6	1.36
1468	ST 4946GLB2	2036	3469	37.4	11	7.6	20.75	3.6	0.89	0.61	1.49
1427	DP 1044B2RF	1985	3690	35.8	10.2	6.3	13.19	3.82	0.77	0.52	1.28
1404	PHY 499WRF	1933	3013	39	9.8	6.97	21.07	3.68	0.92	0.64	1.55
1412	DP 0912B2RF	1876	3027	37.4	10.2	6.83	20.54	3.7	0.76	0.56	1.31
1426	Phytogen 725RF	1519	2821	34.8	11.6	7.17	21	3.4	0.77	0.58	1.35
.	LSD	174	531	2.2	0.8	0.54	2.04	0.46	0.17	0.13	0.3

vcode	VARIETY	Upper Half									
		Micro	Maturity	Mean	Uniformity	Short	Strength	Elon	Hunters	Waste	Yarn
		naire		Length	Index	Fiber		gation	RD	Plus b	Tenacity
1475	FM 2011GT	4.81	0.87	1.21	85.6	7.1	31.7	7	70	6.6	93.85
1465	NG 1511B2RF	4.78	0.86	1.175	84.1	8.4	29.9	9.1	68.9	6.9	79.45
1441	FM 2484B2F	4.12	0.86	1.255	84.3	8.2	31.3	6.9	70.1	6.6	86.25
1438	ALL-TEX NITRO 44B2RF	3.66	0.84	1.275	85.2	7.1	32.8	7.8	68.5	7.4	83.85
1468	ST 4946GLB2	4.74	0.86	1.205	85.7	7.4	31.3	8.6	68.7	7.4	78.4
1427	DP 1044B2RF	4.45	0.84	1.185	84.2	7.9	28.7	9.6	69.1	7.2	80.2
1404	PHY 499WRF	4.63	0.85	1.18	85.4	7.7	30.3	9.1	68.7	7.5	72.65
1412	DP 0912B2RF	5.06	0.87	1.13	83	8.6	27.7	8	67.4	6.8	76.8
1426	Phytogen 725RF	4.35	0.85	1.26	85.1	7.5	34.8	8.2	68.9	7.2	89.15
.	LSD	0.21	0.01	0.031	2.1	1.4	1.5	0.6	1.9	0.6	13.66

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content Weight	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat Number Count
1475	FM 2011GT	0.89	1.05	18	6.1	1.25	180	3.2	1.01	103	20
1465	NG 1511B2RF	0.87	1.02	18	6.2	1.22	181	3.4	0.96	110	16
1441	FM 2484B2F	0.87	1.06	21.5	7.3	1.29	165.5	4	0.98	116	14
1438	ALL-TEX NITRO 44B2RF	0.91	1.1	20	6.5	1.33	156	4.8	0.93	167	24
1468	ST 4946GLB2	0.86	1.04	21	7.2	1.25	184.5	3.5	0.98	103	16
1427	DP 1044B2RF	0.84	1.01	21.5	7.4	1.22	179	4.4	0.92	152	20
1404	PHY 499WRF	0.88	1.04	18.5	6.2	1.22	178.5	3.5	0.97	144	24
1412	DP 0912B2RF	0.84	0.99	18.5	6.7	1.17	191.5	3	1	115	22
1426	Phytogen 725RF	0.92	1.09	17	5.6	1.3	171	3.1	1	121	24
.	LSD	0.06	0.04	5.1	2.2	0.04	9.5	1	0.03	37	13



2016 National Cotton Variety Test

Crop Genetics Research Unit
P O Box 345
Stoneville, MS 38776

(662) 686-3080
(662) 686-3079 (Fax)



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EASTERN REGION

*******Beginning with 2015, Eurofins' readings are reported as Dry Matter Basis.*******

2016 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR EASTERN BY VARIETIES

vcode	VARIETY	Lint	Seed	Boll				Nitr	Plus	Minus	Free
		Yield	Yield	Lint	Seed	Size	Oil				
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)		ogen	Gossypol	Gossypol	Gossypol
1516	DP 1646B2XF	1417	1782	44.7	8.3	4.8	18.18	3.85	0.64	0.57	1.21
1459	PHY 444WRF	1371	1750	44.5	10.5	5.29	21.38	3.33	0.61	0.65	1.26
1478	PHY 333WRF	1360	1765	44.1	9.1	5.13	21.37	3.52	0.8	0.55	1.35
1518	ST 4848GLT	1354	1703	44.7	8.8	5.28	18.65	3.54	0.61	0.48	1.09
1468	ST 4946GLB2	1314	1863	41.7	10.1	5.59	20.11	3.59	0.83	0.54	1.36
1412	DP 0912B2RF	1313	1808	42.3	9.3	4.92	19.64	3.49	0.76	0.54	1.3
1404	PHY 499WRF	1273	1616	44.3	9.1	4.88	19.96	3.65	0.75	0.48	1.23
1527	DP 1639B2XF	1234	1480	45.9	8.6	4.95	16.39	4.02	0.69	0.51	1.2
1525	DG 326B2XF	1201	1470	45.6	8.9	5.8	17.08	3.93	0.69	0.49	1.17
1511	ST 6182GLT	1182	1319	47.4	9.3	5.52	15.52	3.95	0.66	0.48	1.14
1526	DG 3757B2XF	1182	1421	45.9	8.6	5.17	17.36	3.94	0.77	0.54	1.31
1502	PHY 552WRF	1164	1507	43.9	8.6	4.87	17.69	3.6	0.67	0.54	1.21
1517	DP 1614B2XF	1154	1395	45.1	7.8	4.69	15.08	3.89	0.74	0.5	1.23
1441	FM 2484B2F	1143	1577	42.6	9.7	4.93	23.26	3.54	0.8	0.55	1.36
1426	Phytogen 725RF	815	1293	39	10	5.68	21.5	3.73	0.61	0.45	1.06
.	LSD	159	216	0.9	0.6	0.55	1.26	0.24	0.07	0.05	0.11

vcode	VARIETY	Micro	Upper	Mean	Uniformity	Short	Elon	Hunters	Yarn			
										naire	Half	Length	Index	Fiber	gation	Plus b	Waste	Tenacity
			Maturity					RD				
1516	DP 1646B2XF	4.55	0.85	1.235	84.8	7.2	30.5	8.4	77.5	7.5	9	79.48
1459	PHY 444WRF	4.12	0.85	1.267	86.4	6.6	32.5	7.6	76.1	8	8	78.8
1478	PHY 333WRF	4.45	0.86	1.191	85.1	7.5	31.4	7.6	74.3	8.2	9	75.84
1518	ST 4848GLT	4.82	0.87	1.161	85.3	7.2	30.7	7.7	74.7	8	9	77.65
1468	ST 4946GLB2	4.69	0.86	1.16	85.2	7	31.4	8.5	74.5	8.2	8	79.48
1412	DP 0912B2RF	5.03	0.86	1.105	84.4	7.7	29.5	8.3	73.8	8	9	78.66
1404	PHY 499WRF	4.81	0.86	1.14	85.5	7	32.6	8.9	73.8	8.2	7	79.86

1527	DP 1639B2XF	4.99	0.86	1.158	85.5	7	32.4	8.7	75.9	8	8	80.2
1525	DG 326B2XF	4.8	0.85	1.13	84.8	7.4	28.7	9.5	75.7	8.2	10	68.92
1511	ST 6182GLT	4.9	0.87	1.168	85.1	7.3	29.7	7.8	76	8.1	7	74.95
1526	DG 3757B2XF	4.77	0.86	1.136	84.5	7.7	28.4	8.6	74.8	8.1	8	68.9
1502	PHY 552WRF	4.53	0.86	1.177	86.1	6.8	32.9	7.9	76.1	7.4	8	84.08
1517	DP 1614B2XF	4.97	0.86	1.189	85.4	7	31.2	9.1	74.8	8.2	8	72.38
1441	FM 2484B2F	4.33	0.86	1.21	84.9	7.3	33.6	7	76.5	7	8	79.75
1426	Phytogen 725RF	4.5	0.86	1.214	85.5	6.7	35.5	8.1	72.9	8.5	8	80.71
.	LSD	0.26	0.01	0.029	0.8	0.5	1.1	0.4	1.4	0.3	2	8.26

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1516	DP 1646B2XF	0.93	1.09	16.7	5.2	1.29	185.5	3	1	133	12
1459	PHY 444WRF	0.97	1.14	15.5	4.7	1.34	179.1	3.1	1	126	9
1478	PHY 333WRF	0.92	1.07	16.1	5.2	1.25	186.7	3.1	1	122	16
1518	ST 4848GLT	0.91	1.04	15.3	4.9	1.21	195	2.8	1.01	110	12
1468	ST 4946GLB2	0.9	1.04	15.4	5	1.21	191.8	2.9	1.01	109	10
1412	DP 0912B2RF	0.86	0.99	15.8	5.4	1.14	202.7	2.4	1.03	117	15
1404	PHY 499WRF	0.89	1.02	15.3	5	1.18	194.6	2.4	1.03	108	10
1527	DP 1639B2XF	0.92	1.04	13	4.3	1.19	199.2	2.2	1.02	103	16
1525	DG 326B2XF	0.89	1.01	14.6	4.9	1.17	193.6	3	0.99	116	11
1511	ST 6182GLT	0.91	1.05	14.1	4.6	1.21	192.2	2.5	1.01	109	9
1526	DG 3757B2XF	0.89	1.02	14.8	5	1.19	191.4	2.9	0.99	119	12
1502	PHY 552WRF	0.95	1.08	12.9	4	1.24	185.1	2.5	1.01	107	16
1517	DP 1614B2XF	0.93	1.07	14.8	4.7	1.24	197.2	2.4	1.02	114	13
1441	FM 2484B2F	0.92	1.07	16	5.1	1.26	181.8	2.6	1.03	127	13
1426	Phytogen 725RF	0.94	1.08	13.4	4.4	1.26	183.2	2.2	1.04	122	11
.	LSD	0.03	0.03	1.9	0.8	0.04	8.2	0.5	0.02	23	5

EASTERN REGION SUMMARY BY LOCATION SITES

LOCATION	Lint	Seed			Boll					
	Yield (LB/A)	Yield (LB/A)	Lint Percent	Seed Index	Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
STARKVILLE, MS	1784	2384	43.5	8.5	4.76	17.68	3.89	0.66	0.48	1.14
GRIFFIN, GA	1437	1818	44.3	.	.	19.01	3.57	0.77	0.58	1.35
SUFFOLK, VA	1072	1420	42.9	.	.	.	.	.	.	.
FLORENCE, SC	1016	1304	43.8	9.3	.	18.18	3.65	0.7	0.49	1.19
ROCKY MOUNT, NC	850	990	46.1	9.5	5.57	20.65	3.72	0.69	0.54	1.24

LOCATION	Micro naire	Seed Maturity	Upper Half	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters	Waste	Yarn
			Mean Length						Plus b		Tenacity
STARKVILLE, MS	4.42	0.86	1.167	84.9	7.4	30.4	7.7	80.4	8.1	6	73.63
GRIFFIN, GA	4.32	0.85	1.19	85.1	7	31.3	8.6	68	7	13	76.08
SUFFOLK, VA	4.99	0.86	1.215	85.6	6.5	32.7	8.9	81.5	7.4	4	70.93
FLORENCE, SC	4.44	0.85	1.157	84.7	7.7	30.9	8	68.8	8.6	11	79.71
ROCKY MOUNT, NC	5.24	0.88	1.151	85.7	7.2	31.8	7.9	77	8.7	6	86.19

LOCATION	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Fiber Content	Maturity Ratio	Nep Count	Number Count
			Content Number	Content Weight						
STARKVILLE, MS	0.9	1.04	16.2	5.3	1.22	184.7	3	1.01	108	8
GRIFFIN, GA	0.9	1.05	16.1	5.1	1.23	181.5	2.8	0.99	152	23
SUFFOLK, VA	1.01	1.13	10.2	2.9	1.3	210.3	1.6	1.07	114	4
FLORENCE, SC	0.85	1.01	18.5	6.4	1.19	179.9	3.7	0.96	126	18
ROCKY MOUNT, NC	0.91	1.03	13.6	4.4	1.19	196.7	2.2	1.02	80	8

EASTERN REGION INDIVIDUAL LOCATION SUMMARIES

LOCATION: FLORENCE, SC

vcode	VARIETY	Lint	Seed	Boll			Nitr	Plus	Minus	Free	
		Yield	Yield	Lint	Seed	Size					
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)	Oil	ogen	Gossypol	Gossypol	Gossypol
1468	ST 4946GLB2	1234	1677	42.3	10	.	19.13	3.64	0.79	0.5	1.29
1478	PHY 333WRF	1184	1492	44.3	9.4	.	19.64	3.33	0.75	0.51	1.25
1404	PHY 499WRF	1149	1464	44	9.5	.	19.28	3.7	0.76	0.47	1.23
1412	DP 0912B2RF	1146	1646	41.1	9.7	.	18.65	3.35	0.76	0.52	1.28
1459	PHY 444WRF	1119	1456	43.5	10.3	.	20.23	3.47	0.57	0.59	1.16
1516	DP 1646B2XF	1102	1324	45.4	8.4	.	16.88	3.67	0.63	0.53	1.15
1525	DG 326B2XF	1078	1339	44.6	8.9	.	16.13	3.78	0.66	0.45	1.11
1518	ST 4848GLT	1036	1329	43.6	9.2	.	19.32	3.15	0.69	0.51	1.2
1502	PHY 552WRF	1009	1336	43.2	9	.	17.9	3.72	0.7	0.49	1.18
1527	DP 1639B2XF	1004	1164	46.5	9	.	15.87	3.92	0.66	0.47	1.13
1517	DP 1614B2XF	960	1166	45.1	8.2	.	14.94	3.96	0.73	0.48	1.21
1526	DG 3757B2XF	958	1162	45.2	8.8	.	15.92	3.82	0.72	0.49	1.2
1511	ST 6182GLT	888	1021	46.5	9.2	.	14.82	4.05	0.64	0.44	1.07
1441	FM 2484B2F	876	1202	42.2	9.8	.	23.36	3.61	0.86	0.58	1.44
1426	Phytogen 725RF	498	783	39	10.3	.	20.7	3.58	0.59	0.42	1.01
.	LSD	182	225	1.8	0.8	.	2.16	0.42	0.07	0.04	0.09

vcode	VARIETY	Micro	Upper	Mean	Uniformity	Short	Elon	Hunters	Yarn			
										naire	Half	Length	Index	Fiber	gation	Plus b	Waste	Tenacity
			Maturity			Strength	RD					
1468	ST 4946GLB2	4.3	0.85	1.12	84.2	7.8	30	8.4	68.8	8.7	11	77.05
1478	PHY 333WRF	4.26	0.86	1.175	84.6	8.4	31.4	7.5	68.6	9.2	11	86.5
1404	PHY 499WRF	4.65	0.86	1.12	85.3	7.4	32.2	8.5	68.1	9.2	10	78.4
1412	DP 0912B2RF	4.82	0.86	1.09	83.6	8	28.8	8	69.2	8.5	11	81.3
1459	PHY 444WRF	3.75	0.85	1.255	85	7.5	32.8	7.2	68.9	8.2	12	84.85
1516	DP 1646B2XF	4.36	0.85	1.24	84.5	7.6	30.5	8.3	71.5	7.7	11	89.3

1525	DG 326B2XF	4.59	0.85	1.11	84.4	8.1	27.8	8.8	69	8.9	11	66.2
1518	ST 4848GLT	4.54	0.86	1.16	84.3	7.7	30.6	7.3	67.5	8.4	13	81.05
1502	PHY 552WRF	4.21	0.85	1.165	86	6.8	32.3	7.7	68.9	8	11	87.95
1527	DP 1639B2XF	4.83	0.86	1.11	85.3	7.9	32.8	9	69	8.9	12	77.65
1517	DP 1614B2XF	4.79	0.86	1.165	84.7	7.5	30.9	8.8	68.4	8.9	12	76.4
1526	DG 3757B2XF	4.5	0.86	1.145	84.9	7.6	28.1	8.2	68.8	8.7	10	70.65
1511	ST 6182GLT	4.61	0.86	1.14	84.8	8.1	28.4	7.8	69.9	8.9	12	78.95
1441	FM 2484B2F	4.11	0.85	1.185	83.9	8	32.7	6.9	69.6	7.8	11	79.9
1426	Phytogen 725RF	4.35	0.85	1.17	85.6	7.2	34.2	8.1	66.4	9.4	12	79.55
.	LSD	0.35	0.01	0.051	1.8	0.9	2.6	0.6	3.3	0.8	3	21.25

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1468	ST 4946GLB2	0.83	0.98	19	6.6	1.16	178	3.9	0.96	123	15
1478	PHY 333WRF	0.88	1.04	17.5	5.9	1.22	180	3.6	0.97	118	22
1404	PHY 499WRF	0.83	0.97	19.5	6.9	1.15	188	3.2	0.98	120	14
1412	DP 0912B2RF	0.8	0.95	21	7.6	1.12	193.5	3.7	0.99	155	25
1459	PHY 444WRF	0.9	1.08	20.5	6.6	1.3	166.5	4.7	0.95	135	12
1516	DP 1646B2XF	0.88	1.07	20.5	6.7	1.28	171	4.4	0.94	132	17
1525	DG 326B2XF	0.82	0.97	20	7.3	1.14	184.5	4.2	0.93	139	15
1518	ST 4848GLT	0.84	1	19.5	6.8	1.19	178	3.9	0.97	134	14
1502	PHY 552WRF	0.87	1.02	18	6	1.2	170.5	4	0.95	119	26
1527	DP 1639B2XF	0.86	0.99	15	5.4	1.15	190.5	3.2	0.96	112	26
1517	DP 1614B2XF	0.89	1.03	16.5	5.3	1.21	187	3.1	0.98	98	21
1526	DG 3757B2XF	0.86	1	17	5.9	1.18	181	4.2	0.93	121	15
1511	ST 6182GLT	0.84	0.98	18	6.2	1.15	180.5	3.5	0.96	124	17
1441	FM 2484B2F	0.85	1.02	19.5	6.7	1.22	175	3.2	1	122	20
1426	Phytogen 725RF	0.87	1.02	16.5	5.8	1.2	174	3.2	0.98	137	14
.	LSD	0.07	0.06	4.3	2	0.06	7.5	1.1	0.03	57	13

LOCATION: ROCKY MOUNT, NC

vcode	VARIETY	Lint	Seed	Lint	Seed	Boll	Oil	Nitr	Plus	Minus	Free
		Yield	Yield			Size					
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)					
1516	DP 1646B2XF	1023	1204	45.9	8.6	5.05	20.04	3.79	0.61	0.58	1.18
1527	DP 1639B2XF	978	1073	47.7	8.7	5.25	18.86	4.1	0.73	0.55	1.27
1459	PHY 444WRF	946	1078	47	11	5.6	23.44	3.19	0.63	0.72	1.34
1525	DG 326B2XF	924	972	48.8	9	5.95	18.95	3.83	0.68	0.51	1.19
1478	PHY 333WRF	923	1044	46.9	9.6	5.73	22.97	3.8	0.75	0.56	1.31
1468	ST 4946GLB2	903	1190	43.1	11	6.18	22.39	3.34	0.83	0.55	1.38
1518	ST 4848GLT	893	997	47.3	9.4	5.85	20.26	3.68	0.6	0.51	1.1
1404	PHY 499WRF	889	1042	46	9.6	5.55	20.74	3.6	0.69	0.47	1.16
1517	DP 1614B2XF	867	962	47.5	8.2	5.33	17.59	3.74	0.81	0.58	1.39
1412	DP 0912B2RF	815	1007	44.9	9	5.23	20.6	3.69	0.7	0.48	1.18
1526	DG 3757B2XF	815	897	47.4	8.9	5.53	19.58	4.21	0.76	0.55	1.3
1502	PHY 552WRF	800	966	45.3	8.9	5.1	19.7	3.37	0.67	0.62	1.29
1441	FM 2484B2F	784	957	45	10.7	5.2	24.85	3.44	0.76	0.54	1.3
1511	ST 6182GLT	697	732	48.8	9.4	5.73	17.22	4.24	0.66	0.48	1.14
1426	Phytogen 725RF	496	734	40.3	10.3	6.25	22.53	3.81	0.58	0.46	1.04
.	LSD	181	213	1.3	0.5	0.45	2.02	0.64	0.13	0.13	0.26

vcode	VARIETY	Micro	Upper	Mean	Uniformity	Short	Elon	Hunters	Yarn			
										naire	Half	Length	Index	Fiber	gation	Plus b	Waste	Tenacity
			Maturity					RD				
1516	DP 1646B2XF	5.2	0.87	1.225	86.3	6.7	30	79.4	8.1	9	98.25	
1527	DP 1639B2XF	5.7	0.89	1.08	84.7	7.5	32.6	8.4	8.9	5	95.9	
1459	PHY 444WRF	4.63	0.87	1.27	88	6.5	33.3	7.1	78	8.6	6	94.65
1525	DG 326B2XF	5.49	0.87	1.1	85.3	7.3	29.1	9.3	76.4	9.1	13	59.6
1478	PHY 333WRF	4.96	0.88	1.215	86.4	7.1	33	7.2	74.9	8.9	6	78.2
1468	ST 4946GLB2	5.17	0.87	1.145	85.5	7	31.7	8.2	76.3	8.8	4	81.4
1518	ST 4848GLT	5.46	0.88	1.105	85.2	7.6	30	7.6	77.9	9.5	4	82.95
1404	PHY 499WRF	5.29	0.87	1.13	86.2	6.7	33.7	8.7	74.8	8.8	5	101.5

1517	DP 1614B2XF	5.71	0.88	1.15	85.9	7.1	32.8	9.1	78.4	9.1	4	78.6
1412	DP 0912B2RF	5.21	0.87	1.08	84	8.3	29.8	8.1	75.8	8.7	8	86.8
1526	DG 3757B2XF	5.4	0.88	1.1	84.3	7.9	28.3	7.9	75.9	9	4	67.7
1502	PHY 552WRF	4.99	0.88	1.18	87.5	6.3	34.3	7.3	79.3	8.1	3	100.3
1441	FM 2484B2F	5.01	0.88	1.18	85.5	7.6	34.8	6.9	80.2	7.5	5	87.15
1511	ST 6182GLT	5.52	0.89	1.115	84.7	7.4	29.6	7.4	75.5	8.6	5	89.05
1426	Phytogen 725RF	4.9	0.87	1.195	86.5	6.9	34.6	8	74.6	9.2	4	90.85
.	LSD	0.32	0.01	0.075	2.3	1.6	2.5	0.5	2.6	0.5	7	21.79

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1516	DP 1646B2XF	0.91	1.07	15.5	5	1.24	194.5	2.3	1.02	104	6
1527	DP 1639B2XF	0.88	0.99	13	4.5	1.14	211.5	1.8	1.04	78	18
1459	PHY 444WRF	1.01	1.15	12	3.5	1.33	181.5	2.7	1.01	90	6
1525	DG 326B2XF	0.88	0.98	12	4.2	1.12	202	2	1.01	70	4
1478	PHY 333WRF	0.93	1.08	15	4.8	1.25	189.5	3.1	1	65	7
1468	ST 4946GLB2	0.9	1.03	14	4.6	1.19	197.5	2.6	1.01	70	7
1518	ST 4848GLT	0.87	0.99	14.5	4.6	1.13	208.5	1.9	1.04	74	11
1404	PHY 499WRF	0.9	1.02	14	4.4	1.17	198	2	1.03	68	7
1517	DP 1614B2XF	0.95	1.06	11	3.4	1.2	213.5	1.2	1.07	70	10
1412	DP 0912B2RF	0.83	0.96	16.5	5.9	1.12	196	2.4	1.02	86	6
1526	DG 3757B2XF	0.87	0.99	14.5	5.1	1.14	201.5	2.3	1.02	99	9
1502	PHY 552WRF	0.98	1.1	10.5	3.2	1.25	188	2.1	1.02	64	7
1441	FM 2484B2F	0.92	1.06	13	4.2	1.23	189	1.7	1.05	98	10
1511	ST 6182GLT	0.87	1	14.5	5.1	1.15	197.5	2.5	1.01	72	10
1426	Phytogen 725RF	0.92	1.06	13.5	4.5	1.23	182	2	1.04	100	10
.	LSD	0.09	0.08	5.4	2.3	0.07	8.9	0.8	0.03	47	11

LOCATION: STARKVILLE, MS

vcode	VARIETY	Lint	Seed	Lint	Seed	Boll	Nitr	Plus	Minus	Free	
		Yield	Yield			Size					Oil
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)					
1516	DP 1646B2XF	2059	2613	45.3	7.8	4.54	17	4.16	0.61	0.51	1.12
1459	PHY 444WRF	2001	2684	44	10.2	4.99	19.54	3.57	0.54	0.57	1.11
1526	DG 3757B2XF	1965	2473	45.5	8	4.81	16.98	4.24	0.75	0.52	1.27
1527	DP 1639B2XF	1896	2359	45.4	8.2	4.64	15.58	4.15	0.66	0.5	1.15
1518	ST 4848GLT	1868	2447	43.9	8	4.7	16.3	3.77	0.56	0.41	0.97
1478	PHY 333WRF	1861	2568	43	8.2	4.53	19.33	3.63	0.74	0.5	1.23
1511	ST 6182GLT	1828	2069	46.9	9.4	5.32	14.17	3.92	0.68	0.48	1.16
1404	PHY 499WRF	1826	2323	44.4	8	4.22	18.26	3.86	0.66	0.42	1.08
1412	DP 0912B2RF	1793	2545	41.2	9.2	4.62	18.86	3.55	0.71	0.51	1.22
1502	PHY 552WRF	1791	2395	43.4	7.8	4.65	17.42	3.81	0.62	0.49	1.1
1525	DG 326B2XF	1785	2280	45.4	8.8	5.65	17.05	4.19	0.69	0.48	1.17
1441	FM 2484B2F	1571	2386	41	8.8	4.66	21.95	3.64	0.74	0.5	1.23
1468	ST 4946GLB2	1567	2422	40.6	9.4	5.01	18.46	3.71	0.81	0.51	1.32
1517	DP 1614B2XF	1550	1900	43.6	7	4.06	13.62	4.19	0.64	0.4	1.04
1426	Phytogen 725RF	1405	2301	38.8	9.4	5.1	20.68	3.93	0.6	0.44	1.04
.	LSD	211	522	1	1.5	0.54	0.98	0.23	0.05	0.04	0.09

vcode	VARIETY	Micro	Upper	Mean	Uniformity	Short	Elon	Hunters	Yarn			
										naire	Maturity	Half	Length	Index	Fiber	Strength	gation	RD	Plus b	Waste	Tenacity
1516	DP 1646B2XF	4.32	0.85	1.2	83.4	9.1	29.3	7.9	83.2	7.6	7	65.85
1459	PHY 444WRF	3.86	0.85	1.27	86.4	6.3	32.1	7.3	82.4	8.4	6	76.8
1526	DG 3757B2XF	4.76	0.87	1.14	84.4	8	27.8	7.8	79.9	8.5	5	67.4
1527	DP 1639B2XF	5.11	0.87	1.165	85.7	7	32.4	7.8	80.4	7.9	6	78.15
1518	ST 4848GLT	4.41	0.86	1.145	84.5	7.7	28.6	7.1	80.4	8.1	7	76.85
1478	PHY 333WRF	3.9	0.85	1.17	84.3	8.1	28.5	6.7	79.5	8.3	7	75
1511	ST 6182GLT	5.01	0.87	1.16	85.2	7.6	29.1	7.2	82	8.5	6	68.95
1404	PHY 499WRF	4.13	0.85	1.135	84.6	7.6	31.3	8.4	78.7	8.5	7	74.45
1412	DP 0912B2RF	4.76	0.87	1.095	84	8	28.2	7.6	78.9	8	7	69.95

1502	PHY 552WRF	4.56	0.86	1.15	85.6	7.4	32.4	7.5	81.6	7.8	6	77.2
1525	DG 326B2XF	4.8	0.86	1.12	84.8	7.4	29.1	9.4	80.3	8	7	70.55
1441	FM 2484B2F	3.87	0.85	1.205	85.6	7	32.6	6.8	82.7	7	5	75.4
1468	ST 4946GLB2	4.03	0.85	1.17	85.6	6.8	31.1	8	79.6	8.3	7	79.7
1517	DP 1614B2XF	4.41	0.85	1.18	85.1	7.2	30	8.7	79.6	8.5	7	72.25
1426	Phytogen 725RF	4.39	0.86	1.2	85	6.8	34.1	8.2	77.5	8.3	5	76
.	LSD	0.53	0.01	0.038	1.9	1.6	2	0.6	2.1	0.7	2	8.7

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1516	DP 1646B2XF	0.91	1.09	19	6	1.31	176.5	3.7	0.98	116	10
1459	PHY 444WRF	0.93	1.11	18	5.6	1.31	177.5	3.2	1.02	121	7
1526	DG 3757B2XF	0.89	1.02	16.5	5.6	1.2	186	3.1	1	118	9
1527	DP 1639B2XF	0.94	1.06	12.5	4	1.22	203	1.9	1.03	70	9
1518	ST 4848GLT	0.88	1.02	16.5	5.5	1.19	185	3.1	0.99	111	10
1478	PHY 333WRF	0.86	1.03	20	6.9	1.23	173.5	3.9	0.99	156	13
1511	ST 6182GLT	0.93	1.05	12.5	4	1.21	196.5	1.9	1.05	81	6
1404	PHY 499WRF	0.88	1.01	16	5.3	1.17	182.5	3	1.01	107	7
1412	DP 0912B2RF	0.85	0.99	17	6	1.15	194	2.8	1.03	110	11
1502	PHY 552WRF	0.92	1.06	14	4.3	1.22	191	2.1	1.05	82	7
1525	DG 326B2XF	0.89	1.03	15	4.9	1.19	195.5	3.5	1.01	102	6
1441	FM 2484B2F	0.92	1.08	17.5	5.6	1.28	168	3.6	1.01	145	12
1468	ST 4946GLB2	0.87	1.03	18	6.2	1.21	173.5	3.6	1	118	11
1517	DP 1614B2XF	0.88	1.03	17.5	6	1.21	185	3.1	1.01	93	4
1426	Phytogen 725RF	0.95	1.08	12.5	4	1.27	183	2.2	1.04	94	5
.	LSD	0.06	0.05	4.7	1.8	0.04	13.1	1.1	0.04	61	6

LOCATION: GRIFFIN, GA

vcode	VARIETY	Lint	Seed	Lint	Seed	Boll	Nitr	Plus	Minus	Free	
		Yield	Yield			Size					Oil
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)					
1518	ST 4848GLT	1770	2205	44.5	.	.	18.74	3.58	0.61	0.49	1.1
1468	ST 4946GLB2	1713	2322	42.4	.	.	20.46	3.69	0.88	0.59	1.47
1516	DP 1646B2XF	1643	2096	43.8	.	.	18.82	3.79	0.71	0.67	1.38
1459	PHY 444WRF	1638	2042	44.5	.	.	22.33	3.11	0.71	0.72	1.43
1412	DP 0912B2RF	1599	2122	43.1	.	.	20.46	3.39	0.89	0.64	1.53
1441	FM 2484B2F	1581	2094	43	.	.	22.9	3.49	0.86	0.6	1.46
1478	PHY 333WRF	1562	2009	43.7	.	.	23.55	3.34	0.96	0.65	1.61
1404	PHY 499WRF	1449	1868	43.7	.	.	21.55	3.45	0.89	0.58	1.47
1511	ST 6182GLT	1408	1559	47.5	.	.	15.88	3.61	0.66	0.53	1.18
1517	DP 1614B2XF	1308	1578	45.4	.	.	14.18	3.68	0.77	0.53	1.3
1526	DG 3757B2XF	1222	1391	46.8	.	.	16.99	3.49	0.84	0.62	1.46
1426	Phytogen 725RF	1198	1852	39.3	.	.	22.09	3.6	0.67	0.49	1.16
1527	DP 1639B2XF	1167	1410	45.3	.	.	15.26	3.93	0.71	0.54	1.25
1525	DG 326B2XF	1159	1355	46.1	.	.	16.19	3.91	0.72	0.51	1.23
1502	PHY 552WRF	1131	1374	45.2	.	.	15.75	3.5	0.71	0.58	1.29
.	LSD	251	306	1.6	.	.	2.84	0.23	0.1	0.12	0.22

vcode	VARIETY	Micro	Upper	Mean	Uniformity	Short	Elon	Hunters	Yarn			
										naire	Half	Length	Index	Fiber	gation	Plus b	Tenacity
			Maturity			Strength	RD	Waste				
1518	ST 4848GLT	4.42	0.86	1.17	86	7.3	30.6	8.2	65.5	6.6	15	76.9
1468	ST 4946GLB2	4.63	0.85	1.175	85	6.8	32.3	8.9	68.6	8	15	77.1
1516	DP 1646B2XF	4.14	0.85	1.205	84.3	7.3	31.9	8.4	68.7	7.1	17	75.9
1459	PHY 444WRF	3.85	0.84	1.27	86.3	6.7	31.8	7.9	69	7.4	12	68.1
1412	DP 0912B2RF	4.87	0.86	1.125	85.1	7.4	30.1	8.7	64	7	14	82.6
1441	FM 2484B2F	3.95	0.85	1.245	84.9	7.3	33.5	6.9	67.7	6.2	14	80.3
1478	PHY 333WRF	4.13	0.85	1.185	85	7.3	31.2	8.1	67.3	6.9	13	73.1
1404	PHY 499WRF	4.59	0.85	1.15	85.5	6.8	31.7	9.3	66.4	7.2	12	74.3
1511	ST 6182GLT	4.35	0.85	1.22	85.1	6.7	29.5	8.4	71	7.2	9	73.2

1517	DP 1614B2XF	4.82	0.86	1.215	86.1	6.3	30.6	9.2	68.3	7.1	11	67.8
1526	DG 3757B2XF	4.25	0.84	1.145	84.1	7.9	28.6	9.5	68.4	7.2	13	74.35
1426	Phytogen 725RF	4.12	0.85	1.225	84.9	6.8	36.1	8.4	67.1	7.5	13	72.55
1527	DP 1639B2XF	4.28	0.84	1.22	86	6.8	31.1	8.7	69.1	6.8	13	80.05
1525	DG 326B2XF	4.33	0.84	1.13	84.2	7.6	27.6	9.7	70.3	7.4	14	86.6
1502	PHY 552WRF	4.14	0.85	1.175	85	7.1	32.7	8.4	68.2	6.4	15	78.35
.	LSD	0.43	0.01	0.067	1.6	1.2	3.6	0.6	5.7	0.9	12	11.58

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1518	ST 4848GLT	0.9	1.06	17	5.5	1.24	188	3.6	0.96	145	19
1468	ST 4946GLB2	0.92	1.07	15	4.8	1.25	186	2.9	0.99	134	12
1516	DP 1646B2XF	0.9	1.06	17	5.3	1.24	182.5	2.7	1.01	144	24
1459	PHY 444WRF	0.99	1.16	15	4.3	1.37	171.5	3.1	0.98	164	19
1412	DP 0912B2RF	0.86	0.99	15	4.9	1.13	205.5	2	1.06	140	28
1441	FM 2484B2F	0.89	1.07	18.5	5.8	1.26	175.5	2.7	1.04	164	20
1478	PHY 333WRF	0.95	1.1	15	4.5	1.28	184	2.8	1	149	28
1404	PHY 499WRF	0.87	1.01	16.5	5.3	1.17	186	2.3	1.02	159	21
1511	ST 6182GLT	0.94	1.1	15.5	4.7	1.3	176	3.2	0.96	130	12
1517	DP 1614B2XF	0.91	1.08	17.5	5.5	1.27	186	3.3	0.97	173	23
1526	DG 3757B2XF	0.86	1	16	5.5	1.16	183.5	2.9	0.99	157	22
1426	Phytogen 725RF	0.88	1.04	17	5.6	1.22	174.5	2.5	1.04	166	22
1527	DP 1639B2XF	0.88	1.02	16	5.4	1.18	175.5	2.8	0.99	136	23
1525	DG 326B2XF	0.86	0.99	16.5	5.4	1.14	176	3.2	0.97	146	30
1502	PHY 552WRF	0.95	1.09	14	4.2	1.26	172	3.2	0.97	176	40
.	LSD	0.05	0.04	3.6	1.4	0.06	12.9	0.9	0.03	63	20

LOCATION: SUFFOLK, VA

vcode	VARIETY	Lint	Seed	Lint	Seed	Boll	Oil	Nitr	Plus	Minus	Free
		Yield	Yield			Size					
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)					
1478	PHY 333WRF	1270	1710	42.6	.	.	.	.	.	.	.
1516	DP 1646B2XF	1259	1673	43	.	.	.	.	.	.	.
1412	DP 0912B2RF	1213	1723	41.3	.	.	.	.	.	.	.
1518	ST 4848GLT	1204	1536	44	.	.	.	.	.	.	.
1468	ST 4946GLB2	1151	1707	40.3	.	.	.	.	.	.	.
1459	PHY 444WRF	1149	1493	43.5	.	.	.	.	.	.	.
1527	DP 1639B2XF	1125	1397	44.6	.	.	.	.	.	.	.
1511	ST 6182GLT	1090	1215	47.3	.	.	.	.	.	.	.
1502	PHY 552WRF	1089	1466	42.7	.	.	.	.	.	.	.
1517	DP 1614B2XF	1084	1373	44.1	.	.	.	.	.	.	.
1525	DG 326B2XF	1060	1407	43	.	.	.	.	.	.	.
1404	PHY 499WRF	1054	1382	43.2	.	.	.	.	.	.	.
1526	DG 3757B2XF	949	1184	44.5	.	.	.	.	.	.	.
1441	FM 2484B2F	903	1247	42	.	.	.	.	.	.	.
1426	Phytogen 725RF	477	794	37.5	.	.	.	.	.	.	.
.	LSD	159	225	1.4	.	.	.	.	.	.	.

vcode	VARIETY	Micro	Upper	Mean	Uniformity	Short	Elon	Hunters	Yarn			
										naire	Half	Length	Index	Fiber	gation	Plus b	Tenacity
			Maturity			Strength	RD	Waste				
1478	PHY 333WRF	4.99	0.87	1.21	85.2	6.9	33.1	8.6	81.1	7.7	10	66.4
1516	DP 1646B2XF	4.75	0.85	1.305	85.6	5.6	30.9	9.3	84.7	7	3	68.1
1412	DP 0912B2RF	5.49	0.87	1.135	85.3	6.9	30.8	9.2	81.1	7.6	4	72.65
1518	ST 4848GLT	5.29	0.88	1.225	86.6	5.9	33.8	8.2	82.3	7.6	4	70.5
1468	ST 4946GLB2	5.33	0.87	1.19	85.7	6.6	32.3	9	79.4	7.5	4	82.15
1459	PHY 444WRF	4.51	0.86	1.27	86.5	6.3	32.6	8.4	82.5	7.6	4	69.6
1527	DP 1639B2XF	5.05	0.86	1.215	85.9	6.2	33.2	9.8	83	7.7	3	69.25
1511	ST 6182GLT	5.04	0.87	1.205	85.6	6.6	32	8.4	81.6	7.3	4	64.6
1502	PHY 552WRF	4.74	0.86	1.215	86.4	6.3	32.8	8.6	82.6	6.7	4	76.6

1517	DP 1614B2XF	5.13	0.86	1.235	85.4	6.9	31.6	9.8	79.5	7.4	5	66.85
1525	DG 326B2XF	4.8	0.85	1.19	85.4	6.8	30.2	10.4	82.7	7.7	4	61.65
1404	PHY 499WRF	5.37	0.87	1.165	85.8	6.6	34.4	9.6	80.8	7.6	4	70.65
1526	DG 3757B2XF	4.97	0.86	1.15	84.7	7.2	29.2	9.5	80.8	7.4	4	64.4
1441	FM 2484B2F	4.74	0.87	1.235	84.9	6.8	34.7	7.5	82.5	6.6	4	76
1426	Phytogen 725RF	4.73	0.86	1.28	85.7	6.1	38.5	8.2	78.8	8	5	84.6
.	LSD	0.25	0.01	0.038	1.1	1.1	2.3	0.7	1.8	0.8	4	5.65

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1478	PHY 333WRF	0.97	1.12	13	3.9	1.29	206.5	2.1	1.06	124	10
1516	DP 1646B2XF	1.03	1.18	11.5	3.3	1.37	203	1.9	1.06	170	3
1412	DP 0912B2RF	0.96	1.07	9.5	3	1.21	224.5	1.3	1.08	96	6
1518	ST 4848GLT	1.05	1.17	9	2.4	1.33	215.5	1.5	1.08	86	8
1468	ST 4946GLB2	0.98	1.1	11	3.2	1.26	224	1.6	1.09	102	4
1459	PHY 444WRF	1.05	1.2	12	3.3	1.39	198.5	2.1	1.07	122	4
1527	DP 1639B2XF	1.02	1.13	8.5	2.5	1.28	215.5	1.6	1.06	122	4
1511	ST 6182GLT	0.99	1.11	10	3	1.27	210.5	1.6	1.07	138	2
1502	PHY 552WRF	1.04	1.15	8	2.3	1.3	204	1.4	1.08	94	1
1517	DP 1614B2XF	1.01	1.15	11.5	3.2	1.32	214.5	1.6	1.06	138	8
1525	DG 326B2XF	1	1.11	9.5	2.9	1.26	210	2.1	1.04	122	3
1404	PHY 499WRF	0.98	1.1	10.5	3.1	1.26	218.5	1.5	1.09	84	1
1526	DG 3757B2XF	1	1.11	10	2.9	1.27	205	2	1.03	102	4
1441	FM 2484B2F	1.01	1.14	11.5	3.2	1.33	201.5	1.6	1.08	105	2
1426	Phytogen 725RF	1.07	1.2	7.5	2.1	1.38	202.5	1	1.1	114	5
.	LSD	0.06	0.05	3	1.1	0.05	7.6	0.5	0.02	59	8



2016 National Cotton Variety Test

Crop Genetics Research Unit
P O Box 345
Stoneville, MS 38776

(662) 686-3080
(662) 686-3079 (Fax)



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CENTRAL REGION

*******Beginning with 2015, Eurofins' readings are reported as Dry Matter Basis.*******

**2016 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR CENTRAL BY VARIETIES**

vcode	VARIETY	Lint	Seed	Boll				Nitr	Plus	Minus	Free
		Yield	Yield	Lint	Seed	Size	Oil				
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)		ogen	Gossypol	Gossypol	Gossypol
1404	PHY 499WRF	1560	2130	42.3	8.9	4.48	20.49	3.31	0.9	0.55	1.45
1468	ST 4946GLB2	1455	2242	39.3	11.4	5.42	21.96	3.38	0.87	0.6	1.47
1412	DP 0912B2RF	1434	2290	38.6	9.5	4.61	20	3.14	0.79	0.55	1.33
1465	NG 1511B2RF	1404	1998	41.3	9.5	4.86	19.97	3.51	0.83	0.63	1.46
1436	DP 1219B2RF	1390	2038	40.7	7.9	3.95	19.58	3.33	0.69	0.48	1.17
1427	DP 1044B2RF	1371	2188	38.5	8.4	3.96	19.62	3.19	0.77	0.45	1.22
1495	Croplan 3787B2RF	1357	1873	42	8.5	4.41	17.2	3.57	0.76	0.53	1.29
1438	ALL-TEX NITRO 44B2RF	1342	2228	37.6	10.3	4.89	22.89	3.11	0.79	0.56	1.35
1441	FM 2484B2F	1247	1919	39.4	9.9	4.17	22.23	3.23	0.8	0.51	1.31
1426	Phytogen 725RF	1060	1851	36.5	10.3	4.69	22	3.3	0.65	0.48	1.13
.	LSD	192	229	1.1	0.6	0.35	1.14	0.23	0.08	0.05	0.13

vcode	VARIETY	Micro	Upper	Mean	Uniformity	Short	Strength	Elon	Hunters	Waste	Yarn
1404	PHY 499WRF	4.83	0.86	1.147	84.9	7.7	30.4	8.7	76.8	8	73.03
1468	ST 4946GLB2	5.04	0.87	1.195	85.9	7.4	33	8.4	75.7	6	77.25
1412	DP 0912B2RF	5.01	0.87	1.115	83.9	8.4	27.9	7.9	77.1	8	74
1465	NG 1511B2RF	4.8	0.86	1.152	84.8	8.3	30.2	8.6	77.4	6	73.65
1436	DP 1219B2RF	4.52	0.86	1.162	83.1	9.1	30.8	7	79	8	73.6
1427	DP 1044B2RF	4.48	0.85	1.133	84.1	8.6	27.9	8.3	78.6	7	72.42
1495	Croplan 3787B2RF	4.64	0.86	1.175	84.3	8.2	28.1	8.4	77.1	6	67.57
1438	ALL-TEX NITRO 44B2RF	3.95	0.85	1.268	86	6.6	31.9	7.8	78.9	8	73.73
1441	FM 2484B2F	4.12	0.86	1.225	84.7	7.7	30.9	6.5	79.8	8	76.5
1426	Phytogen 725RF	4.5	0.86	1.252	85.8	6.9	33.7	7.9	76.2	7	75.65
.	LSD	0.33	0.01	0.028	1.1	0.9	2.3	0.4	1.6	0.6	10.14

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1404	PHY 499WRF	0.88	1.02	16.7	5.5	1.19	191	3	1	131	15
1468	ST 4946GLB2	0.92	1.06	15	4.6	1.24	194	2.6	1.01	111	8
1412	DP 0912B2RF	0.87	1	16	5.4	1.17	197.5	2.5	1.03	115	6
1465	NG 1511B2RF	0.84	0.99	19.7	5.5	1.17	186	3.7	0.98	193	9
1436	DP 1219B2RF	0.82	1	23.3	8.3	1.21	176.3	3.9	0.98	180	9
1427	DP 1044B2RF	0.83	0.99	20.2	5.5	1.17	183.5	4.1	0.96	147	10
1495	Croplan 3787B2RF	0.91	1.05	15.3	5.1	1.23	181.2	3.3	0.96	133	6
1438	ALL-TEX NITRO 44B2RF	0.91	1.08	18	5.8	1.28	169	3.9	0.97	222	11
1441	FM 2484B2F	0.91	1.08	17.5	5.7	1.28	170.3	3.3	1	135	12
1426	Phytogen 725RF	0.93	1.09	16	5.1	1.29	175.7	3	1	140	9
.	LSD	0.05	0.04	3.7	1.9	0.03	8.2	0.8	0.03	55	4

CENTRAL REGION SUMMARY BY LOCATION SITES

LOCATION	Lint	Seed	Lint Percent	Seed Index	Boll	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
	Yield (LB/A)	Yield (LB/A)			Size (G/Boll)					
WESLACO, TX	1711	2634	39.3	9.2	4.7	20.53	3.03	0.87	0.56	1.43
COLLEGE STATION, TX	1322	2000	39.7	9.9	4.47	21.33	3.16	0.81	0.64	1.44
CORPUS CHRISTI, TX (DRY)	1037	1564	39.8	8.7	4.28	19.53	3.72	0.65	0.38	1.03

LOCATION	Micro naire	Maturity	Upper Half	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn
			Mean Length								Tenacity
WESLACO, TX	4.62	0.86	1.207	85.2	7.4	30.5	7.8	78.8	10	6	74.57

COLLEGE STATION, TX	4.63	0.86	1.221	85.2	7.3	31.4	8.2	76.4	7.2	8	71.06
CORPUS CHRISTI, TX (DRY)	4.41	0.86	1.112	83.6	9	28.9	7.7	78.4	9.5	8	75.11

LOCATION	Length number	Length weight	Short Fiber Content Number	Short Fiber Content Weight	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat Number Count
WESLACO, TX	0.9	1.05	17.2	5.6	1.24	187.9	2.7	1.02	159	8
COLLEGE STATION, TX	0.91	1.07	17.1	5.5	1.26	180.4	3.4	0.98	130	11
CORPUS CHRISTI, TX (DRY)	0.83	0.98	19.8	6.1	1.16	176.7	3.9	0.96	173	10

CENTRAL REGION INDIVIDUAL LOCATION SUMMARIES

LOCATION: COLLEGE STATION, TX

vcode	VARIETY	Lint Yield (LB/A)	Seed Yield (LB/A)	Lint Percent	Seed Index	Boll Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
1404	PHY 499WRF	1529	2022	43.1	9.3	4.48	21.73	3.2	0.86	0.61	1.47
1436	DP 1219B2RF	1515	2171	41.1	8.3	3.98	19.41	3.17	0.73	0.61	1.33
1468	ST 4946GLB2	1455	2242	39.3	11.4	5.42	21.96	3.38	0.87	0.6	1.47
1427	DP 1044B2RF	1424	2180	39.5	9.2	3.99	20.12	3.02	0.78	0.6	1.37
1412	DP 0912B2RF	1374	2144	39.1	10.1	4.63	21	2.98	0.84	0.67	1.51
1465	NG 1511B2RF	1370	1940	41.4	9.9	4.93	20.77	3.52	0.88	0.74	1.62
1438	ALL-TEX NITRO 44B2RF	1248	2110	37.1	11.2	4.7	23.41	2.97	0.81	0.66	1.47
1441	FM 2484B2F	1245	1976	38.7	10.9	4.01	23.72	3.08	0.82	0.65	1.47
1495	Croplan 3787B2RF	1067	1516	41.3	8.5	4.04	17.47	3.37	0.79	0.63	1.42
1426	Phytogen 725RF	996	1701	36.9	10.6	4.49	23.77	2.97	0.73	0.61	1.33
.	LSD	226	323	0.8	0.5	0.87	1.98	0.39	0.09	0.08	0.12

vcode	VARIETY	Micro naire	Maturity	Upper Half	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
				Mean Length								
1404	PHY 499WRF	4.96	0.86	1.18	86.3	7.1	31.3	8.8	76.8	7.2	8	63.75
1436	DP 1219B2RF	4.4	0.86	1.2	83.2	9.1	31.7	7.6	77.1	6.6	6	74.8
1468	ST 4946GLB2	5.04	0.87	1.195	85.9	7.4	33	8.4	75.7	8	6	77.25
1427	DP 1044B2RF	4.69	0.85	1.18	84.8	7.7	29.2	8.9	75.7	7.2	7	80.3
1412	DP 0912B2RF	5.19	0.87	1.145	84.4	8	29.4	8.3	74.6	7.2	11	72.3
1465	NG 1511B2RF	4.76	0.86	1.205	85.9	7.1	31	8.9	76.6	7.1	6	68.5
1438	ALL-TEX NITRO 44B2RF	4.07	0.85	1.31	86.3	5.9	31.9	8	77.5	7.5	10	74.6
1441	FM 2484B2F	4.39	0.86	1.27	84.5	7.4	32	6.7	78.8	6.4	9	65.75
1495	Croplan 3787B2RF	4.37	0.85	1.24	84.5	7.1	28.3	8.6	76.1	7.3	6	64.4
1426	Phytogen 725RF	4.45	0.86	1.28	86	6.7	35.9	8.3	75.2	8.2	6	68.95
.	LSD	0.35	0.01	0.032	1.3	1.3	1.9	0.5	1.4	0.6	4	16.33

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight						Number Count
1404	PHY 499WRF	0.91	1.05	16	5.2	1.22	192	2.7	1	114	15
1436	DP 1219B2RF	0.84	1.03	24.5	8.6	1.26	168.5	4.7	0.96	196	13
1468	ST 4946GLB2	0.92	1.06	15	4.6	1.24	194	2.6	1.01	111	8
1427	DP 1044B2RF	0.85	1.01	19.5	6.5	1.21	185.5	4	0.96	121	13
1412	DP 0912B2RF	0.88	1.02	16	5.3	1.19	194	3	1	125	5
1465	NG 1511B2RF	0.91	1.06	15	4.9	1.23	181	3.5	0.98	117	6
1438	ALL-TEX NITRO 44B2RF	0.94	1.12	16.5	5	1.32	169.5	3.9	0.96	190	12
1441	FM 2484B2F	0.92	1.1	18	5.6	1.31	175.5	3.3	1	127	16
1495	Croplan 3787B2RF	0.97	1.11	13	4	1.3	172	3.6	0.95	76	6
1426	Phytogen 725RF	0.93	1.11	17	5.4	1.32	172	3.4	0.99	126	13
.	LSD	0.05	0.05	4.8	1.8	0.06	10.5	1.3	0.03	83	13

LOCATION=WESLACO, TX

vcode	VARIETY	Lint	Seed			Boll					
		Yield (LB/A)	Yield (LB/A)	Lint Percent	Seed Index	Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
1404	PHY 499WRF	1912	2657	41.9	8.8	4.72	20.97	2.85	1.12	0.63	1.75
1495	Croplan 3787B2RF	1904	2614	42.2	8.7	4.75	16.94	3.41	0.82	0.55	1.37
1465	NG 1511B2RF	1833	2629	41.1	9.5	5.2	20.01	3.31	0.93	0.7	1.62
1412	DP 0912B2RF	1792	2912	38.1	9.5	4.96	19.9	2.98	0.87	0.59	1.46
1438	ALL-TEX NITRO 44B2RF	1708	2852	37.5	9.9	4.86	23.52	2.72	0.92	0.62	1.54
1427	DP 1044B2RF	1703	2787	37.9	8.1	4.11	19.49	2.99	0.85	0.44	1.29
1436	DP 1219B2RF	1625	2475	39.6	7.7	4.12	20.25	3.04	0.78	0.5	1.28
1441	FM 2484B2F	1579	2380	39.9	10	4.49	21.75	3.02	0.86	0.51	1.36
1426	Phytogen 725RF	1340	2399	35.9	10.4	5.13	21.91	3.02	0.74	0.51	1.25
.	LSD	213	328	1.2	1.1	0.75	2.01	0.56	0.05	0.04	0.06

vcode	VARIETY	Micro naire	Maturity	Upper Half	Uniformity Index	Short	Strength	Elon	RD	Hunters	Waste	Yarn
				Mean Length		Fiber		gation		Plus b		Tenacity
1404	PHY 499WRF	5.09	0.87	1.15	84.9	7.4	30.6	8.5	76.4	9.5	6	74.9
1495	Croplan 3787B2RF	4.92	0.86	1.185	84.7	7.9	28.3	8.4	77.4	11.1	6	66
1465	NG 1511B2RF	4.93	0.86	1.18	85.1	7.8	30.3	8.8	78.1	9.6	6	72.65
1412	DP 0912B2RF	4.98	0.87	1.155	84.9	7.4	28.6	8.1	78.5	9.3	8	77.95
1438	ALL-TEX NITRO 44B2RF	4.09	0.85	1.31	87.1	5.6	29.9	7.6	80.5	10.5	5	71.8
1427	DP 1044B2RF	4.41	0.85	1.16	84.6	8.2	29.5	8.4	80.5	10	6	67.2
1436	DP 1219B2RF	4.5	0.86	1.185	83	9	32	6.7	79.5	10.5	9	72.4
1441	FM 2484B2F	4.03	0.86	1.26	86	6.9	31.8	6.4	81.2	9.2	6	86.3
1426	Phytogen 725RF	4.61	0.86	1.28	86.4	6.6	33.3	7.7	77.1	10.7	6	81.9
.	LSD	0.38	0.01	0.059	1.2	1.3	3.9	0.5	3.6	0.7	5	34.47

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1404	PHY 499WRF	0.88	1.03	17	5.6	1.2	198	2.6	1.03	110	13
1495	Croplan 3787B2RF	0.89	1.04	17.5	5.9	1.23	189	2.9	1	190	7
1465	NG 1511B2RF	0.85	1	19.5	6.8	1.19	194.5	3.1	1.01	232	9
1412	DP 0912B2RF	0.91	1.05	14	4.4	1.21	202	2.1	1.04	88	8
1438	ALL-TEX NITRO 44B2RF	0.94	1.11	16	5	1.32	176	2.6	1.02	214	9
1427	DP 1044B2RF	0.86	1.02	18.5	6.2	1.2	190.5	3.2	1	150	7
1436	DP 1219B2RF	0.85	1.02	21.5	7.5	1.23	182.5	3.2	1.02	165	6
1441	FM 2484B2F	0.96	1.12	14.5	4.5	1.31	175.5	2.4	1.03	129	7
1426	Phytogen 725RF	0.94	1.1	16	4.9	1.3	183.5	2.6	1.03	158	6
.	LSD	0.07	0.07	5.4	2.4	0.08	7.9	1.1	0.03	99	9

LOCATION=CORPUS CHRISTIE, TX

vcode	VARIETY	Lint	Seed	Lint Percent	Seed	Boll	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
		Yield (LB/A)	Yield (LB/A)		Index	Size (G/Boll)					
1404	PHY 499WRF	1238	1712	42	8.5	4.24	18.77	3.88	0.73	0.41	1.14
1412	DP 0912B2RF	1135	1813	38.5	8.8	4.23	19.09	3.46	0.65	0.39	1.04
1495	Croplan 3787B2RF	1099	1491	42.5	8.2	4.44	17.19	3.94	0.68	0.4	1.07
1438	ALL-TEX NITRO 44B2RF	1070	1721	38.3	9.9	5.12	21.75	3.63	0.65	0.4	1.05
1436	DP 1219B2RF	1029	1468	41.3	7.6	3.76	19.09	3.79	0.57	0.32	0.89
1465	NG 1511B2RF	1010	1426	41.5	9	4.47	19.13	3.72	0.69	0.45	1.14
1427	DP 1044B2RF	987	1596	38.2	7.8	3.78	19.25	3.57	0.68	0.32	0.99
1441	FM 2484B2F	916	1400	39.6	8.8	4.03	21.23	3.59	0.73	0.38	1.11
1426	Phytogen 725RF	843	1454	36.7	9.8	4.45	20.33	3.91	0.5	0.33	0.83
.	LSD	185	278	0.7	0.3	0.31	1.3	0.35	0.06	0.06	0.12

vcode	VARIETY	Micro naire	Maturity	Upper Half	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
				Mean Length								
1404	PHY 499WRF	4.45	0.85	1.11	83.6	8.7	29.3	8.9	77.3	9.2	9	80.45
1412	DP 0912B2RF	4.86	0.87	1.045	82.4	9.7	25.8	7.4	78.4	9.5	6	71.75
1495	Croplan 3787B2RF	4.62	0.86	1.1	83.6	9.6	27.6	8.3	77.7	10.2	7	72.3
1438	ALL-TEX NITRO 44B2RF	3.69	0.84	1.185	84.7	8.2	33.9	7.8	78.8	9.6	8	74.8
1436	DP 1219B2RF	4.65	0.87	1.1	83.2	9.3	28.6	6.7	80.3	9.3	8	73.6
1465	NG 1511B2RF	4.72	0.86	1.07	83.3	9.9	29.4	8.3	77.7	9.7	8	79.8
1427	DP 1044B2RF	4.34	0.85	1.06	82.8	9.9	25.1	7.8	79.8	9.2	8	69.75
1441	FM 2484B2F	3.95	0.86	1.145	83.5	8.8	28.9	6.4	79.4	8.7	9	77.45
1426	Phytogen 725RF	4.44	0.86	1.195	85.1	7.3	32	7.6	76.5	10.1	11	76.1
.	LSD	0.32	0.01	0.039	2.2	1.5	1	0.6	2.8	0.5	4	12.02

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat Number Count
				Content Number	Content Weight						
1404	PHY 499WRF	0.86	0.99	17	5.8	1.15	183	3.6	0.97	168	16
1412	DP 0912B2RF	0.82	0.95	18	6.5	1.11	196.5	2.5	1.04	131	7
1495	Croplan 3787B2RF	0.87	1	15.5	5.3	1.16	182.5	3.4	0.95	135	7
1438	ALL-TEX NITRO 44B2RF	0.84	1.01	21.5	7.5	1.21	161.5	5.1	0.94	263	11
1436	DP 1219B2RF	0.78	0.94	24	9	1.13	178	3.9	0.97	179	7
1465	NG 1511B2RF	0.76	0.92	24.5	4.8	1.1	182.5	4.5	0.95	232	13
1427	DP 1044B2RF	0.78	0.93	22.5	3.7	1.11	174.5	5.1	0.92	171	10
1441	FM 2484B2F	0.84	1.01	20	7.1	1.21	160	4.3	0.96	149	12
1426	Phytogen 725RF	0.91	1.06	15	5	1.25	171.5	3.1	0.99	135	9
.	LSD	0.11	0.08	10.7	4.6	0.06	4.8	1.6	0.03	139	6



2016 National Cotton Variety Test

Crop Genetics Research Unit
P O Box 345
Stoneville, MS 38776

(662) 686-3080
(662) 686-3079 (Fax)



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DELTA REGION

*******Beginning with 2015, Eurofins' readings are reported as Dry Matter Basis.*******

**2016 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR DELTA BY VARIETIES**

vcode	VARIETY	Lint	Seed	Boll				Nitr	Plus	Minus	Free
		Yield	Yield	Lint	Seed	Size	Oil				
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)		ogen	Gossypol	Gossypol	Gossypol
1529	DP 1518B2XF	1509	2178	40.4	10	4.71	20	3.41	0.73	0.55	1.28
1412	DP 0912B2RF	1465	2063	40.7	10.2	4.84	17.96	3.52	0.69	0.54	1.22
1516	DP 1646B2XF	1456	1854	41.9	9.5	4.56	16.92	3.51	0.64	0.56	1.19
1468	ST 4946GLB2	1451	2140	39.9	11.6	5.6	19.7	3.5	0.8	0.56	1.35
1502	PHY 552WRF	1427	2097	41	9.4	4.72	16.68	3.73	0.64	0.54	1.18
1530	NG 3406B2XF	1420	2012	40.8	10.8	4.98	19.03	3.42	0.79	0.63	1.42
1404	PHY 499WRF	1399	1933	41.9	10.3	5.06	18.68	3.5	0.74	0.5	1.24
1476	ST 4747GLB2	1362	2224	39.1	10.7	5.19	20.02	3.67	0.67	0.54	1.21
1441	FM 2484B2F	1195	1857	39.4	10.4	4.88	20.76	3.65	0.71	0.52	1.23
1426	Phytogen 725RF	1166	1806	38.2	11.7	5.01	19.99	3.57	0.61	0.49	1.09
.	LSD	234	416	2	1.4	0.46	1.92	0.2	0.09	0.06	0.13

vcode	VARIETY	Micro	Upper	Upper				Elon	Hunters	Waste	Yarn	
				Half	Mean	Uniformity	Short					
		naire	Maturity	Length	Index	Fiber	Strength	gation	RD	Plus b	Tenacity	
1529	DP 1518B2XF	4.34	0.86	1.254	85.4	7	31.4	7.3	79.7	7.3	7	81.78
1412	DP 0912B2RF	4.87	0.87	1.178	84.9	7.3	31.8	7.7	78.7	7.7	6	80.72
1516	DP 1646B2XF	4.57	0.86	1.269	85.4	6.5	30.6	8.1	80.8	7.4	6	79.14
1468	ST 4946GLB2	4.75	0.86	1.215	85.5	6.6	33.4	7.9	79.1	7.5	6	81.15
1502	PHY 552WRF	4.29	0.85	1.238	86.1	6.5	33.3	7.7	79.3	7.3	7	80.38
1530	NG 3406B2XF	4.72	0.86	1.175	85	7.2	30.3	8.4	79.2	7.4	6	78.98
1404	PHY 499WRF	4.65	0.86	1.199	85.8	6.9	33.3	8.4	78.7	7.9	6	85.24
1476	ST 4747GLB2	4.64	0.87	1.235	84.3	7.6	31.2	6.6	79.6	6.9	7	83.26
1441	FM 2484B2F	4.31	0.86	1.252	85.5	6.6	33.2	6.9	81	7	6	84.6
1426	Phytogen 725RF	4.5	0.86	1.254	85.5	6.5	35	7.7	77.8	7.8	6	87.76
.	LSD	0.25	0.01	0.052	0.8	0.7	2.1	0.7	1.2	0.4	1	7.62

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1529	DP 1518B2XF	0.95	1.11	16.5	5.1	1.32	179.6	3.3	1	163	15
1412	DP 0912B2RF	0.91	1.06	15.8	5	1.23	191.7	2.7	1.02	128	13
1516	DP 1646B2XF	0.94	1.12	16.8	5.2	1.33	184.9	3.1	1	151	10
1468	ST 4946GLB2	0.93	1.08	15.4	4.8	1.26	193.3	2.5	1.03	125	10
1502	PHY 552WRF	0.93	1.09	16.5	5.2	1.29	183.7	2.9	1.02	177	16
1530	NG 3406B2XF	0.9	1.05	15.8	5.1	1.23	188.7	3	1	132	9
1404	PHY 499WRF	0.92	1.07	15.4	4.9	1.25	187.3	2.6	1.01	134	13
1476	ST 4747GLB2	0.94	1.1	16.1	5.1	1.31	188.5	2.6	1.04	126	11
1441	FM 2484B2F	0.95	1.12	15.5	4.7	1.32	175	2.8	1.02	142	12
1426	Phytogen 725RF	0.95	1.11	14.8	4.5	1.31	180.4	2.8	1.02	156	14
.	LSD	0.04	0.04	1.8	0.7	0.05	8.2	0.5	0.02	21	5

DELTA REGION SUMMARY BY LOCATION SITES

LOCATION	Lint	Seed	Lint Percent	Seed Index	Boll	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
	Yield (LB/A)	Yield (LB/A)			Size (G/Boll)					
JACKSON, TN	1578	2119	41	10.3	5.23	19.18	3.43	0.77	0.58	1.35
PORTAGEVILLE, MO	1561	2584	37.2	10.2	.	17.82	3.44	0.71	0.54	1.25
STONEVILLE, MS	1348	.	.	.	4.87	19.14	3.37	0.74	0.57	1.31
KEISER, AR	1303	1698	42.3	10.3	4.33	19.05	3.57	0.62	0.49	1.11
SAINT JOSEPH, LA	1153	1664	40.8	10.9	5.38	19.59	3.9	0.68	0.53	1.21

LOCATION	Micro		Upper Half Mean	Uniformity	Short		Elon		Hunters		Yarn
	naire	Maturity	Length	Index	Fiber	Strength	gation	RD	Plus b	Waste	Tenacity
JACKSON, TN	4.39	0.85	1.257	86.5	6.4	31.4	8.3	80.5	8.4	5	86.05
PORTAGEVILLE, MO	4.13	0.85	1.224	84.5	7.5	32.4	6.9	78.4	7.4	7	73.73
STONEVILLE, MS	4.63	0.86	1.221	84.9	6.9	31.1	8	81	7.5	6	73.48
KEISER, AR	4.83	0.87	1.201	85.1	7	32.8	7.6	78.3	7.2	6	88.04
SAINT JOSEPH, LA	4.85	0.87	1.229	85.7	6.7	33.7	7.7	79	6.5	7	88.78

LOCATION	Length	Length	Short	Short			Immature			Seed
	number	weight	Fiber	Fiber	UQL	Fine	Fiber	Maturity	Nep	Coat
			Content	Content	Weight	ness	Content	Ratio	Count	Number
			Number	Weight						Count
JACKSON, TN	0.95	1.1	14.8	4.6	1.3	174.4	3.4	0.96	134	9
PORTAGEVILLE, MO	0.92	1.09	17.7	5.6	1.29	176.9	3.5	1	214	21
STONEVILLE, MS	0.92	1.08	16.4	5.3	1.28	183.9	2.9	1	124	8
KEISER, AR	0.92	1.08	15.9	5	1.27	195.4	2.3	1.05	107	11
SAINT JOSEPH, LA	0.94	1.09	14.6	4.5	1.27	196.3	2	1.07	134	11

DELTA REGION INDIVIDUAL LOCATION SUMMARIES

LOCATION=ST. JOSEPH, LA

vcode	VARIETY	Lint	Seed			Boll					
		Yield	Yield	Lint	Seed	Size	Oil	Nitr	Plus	Minus	Free
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)		ogen	Gossypol	Gossypol	Gossypol
1426	Phytogen 725RF	1266	1770	41.7	11.7	5.69	19.57	3.64	0.66	0.59	1.25
1529	DP 1518B2XF	1230	1794	40.5	11	5.6	21.11	3.8	0.8	0.56	1.36
1412	DP 0912B2RF	1187	1516	44	9.6	4.95	15.17	3.92	0.51	0.48	0.99
1502	PHY 552WRF	1161	1752	39.9	11.5	5.65	21.22	4.07	0.74	0.57	1.31
1404	PHY 499WRF	1151	1623	41.4	11.6	5.56	17.97	3.87	0.63	0.52	1.14
1476	ST 4747GLB2	1146	1749	39.3	11	5.47	20.46	4.18	0.61	0.45	1.06

1516	DP 1646B2XF	1133	1627	40.9	10.8	5.03	20.82	3.79	0.77	0.54	1.31
1530	NG 3406B2XF	1107	1658	40	10.8	5.11	20.52	3.82	0.76	0.55	1.31
1468	ST 4946GLB2	1078	1617	39.9	11.2	5.43	21.04	4.07	0.71	0.5	1.21
1441	FM 2484B2F	1074	1537	40.6	10.2	5.28	18.07	3.9	0.63	0.52	1.14
.	LSD	352	369	5	2.6	0.94	3.27	0.46	0.29	0.13	0.42

vcode	VARIETY	Micro naire	Maturity	Upper Half		Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
				Mean Length	Uniformity Index							
1426	Phytogen 725RF	4.93	0.87	1.205	85.2	7.5	30.7	7.4	80.1	6.5	7	85.55
1529	DP 1518B2XF	4.54	0.87	1.35	87.1	5.8	35.8	6.6	79.7	6.4	7	88.45
1412	DP 0912B2RF	4.77	0.87	1.245	85.3	6.7	36.3	7.4	77.6	7.1	7	92.3
1502	PHY 552WRF	4.81	0.86	1.265	86.6	6	33.4	8.2	79.3	6.5	7	82.5
1404	PHY 499WRF	4.53	0.87	1.26	86.6	6.4	36	7.4	79.7	6.9	6	89.5
1476	ST 4747GLB2	5.06	0.87	1.2	84.6	7.4	32	8.5	79	6.8	7	88.45
1516	DP 1646B2XF	5.03	0.87	1.18	85.5	6.8	32.2	8.2	80	6.3	8	86.5
1530	NG 3406B2XF	5.42	0.88	1.12	84.4	7.4	31	8.2	77.4	6.3	8	83.9
1468	ST 4946GLB2	4.79	0.87	1.26	86.1	6.4	35.9	7	79	5.9	8	92.05
1441	FM 2484B2F	4.68	0.86	1.2	85.4	6.4	33.8	7.9	78.7	6.9	8	98.6
.	LSD	0.28	0.02	0.182	2.2	1.7	5.9	2.3	4.4	1.3	3	23.45

vcode	VARIETY	Length number	Length weight	Short Fiber		UQL Weight	Fine ness	Immature		Nep Count	Seed Coat Number Count
				Content Number	Content Weight			Fiber Content	Maturity Ratio		
1426	Phytogen 725RF	0.91	1.07	16.5	5.1	1.25	193	2.5	1.05	139	9
1529	DP 1518B2XF	1	1.17	14.5	4.1	1.38	190.5	2.1	1.07	170	16
1412	DP 0912B2RF	0.96	1.11	13.5	4.1	1.29	191.5	1.6	1.09	103	14
1502	PHY 552WRF	0.94	1.12	17	5.2	1.33	195.5	2.4	1.07	157	12
1404	PHY 499WRF	0.95	1.11	14	4.4	1.29	186	2.2	1.06	134	12
1476	ST 4747GLB2	0.94	1.08	13.5	4.1	1.26	209	1.8	1.08	137	6
1516	DP 1646B2XF	0.89	1.04	16.5	5.2	1.21	198	2.5	1.06	167	15

1530	NG 3406B2XF	0.87	1	15.5	5.2	1.16	214.5	2	1.08	115	9
1468	ST 4946GLB2	1	1.14	11.5	3.4	1.32	194	1.5	1.09	108	6
1441	FM 2484B2F	0.95	1.1	13.5	4	1.28	191	1.8	1.07	117	10
.	LSD	0.12	0.15	4.1	1.4	0.2	15.8	0.7	0.03	74	10

LOCATION= STONEVILLE, MS

vcode	VARIETY	Lint	Seed			Boll		Nitr	Plus	Minus	Free
		Yield	Yield	Lint	Seed	Size	Oil				
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)		ogen	Gossypol	Gossypol	Gossypol
1468	ST 4946GLB2	1505	.	.	.	5.39	19.68	3.42	0.83	0.57	1.4
1529	DP 1518B2XF	1501	.	.	.	4.23	20.62	3.07	0.75	0.56	1.31
1412	DP 0912B2RF	1487	.	.	.	5.12	18.87	3.34	0.78	0.57	1.34
1530	NG 3406B2XF	1468	.	.	.	5.14	20.07	3.14	0.88	0.74	1.62
1404	PHY 499WRF	1385	.	.	.	5.25	19.84	3.49	0.84	0.55	1.38
1502	PHY 552WRF	1332	.	.	.	4.45	14.66	3.67	0.59	0.5	1.09
1516	DP 1646B2XF	1306	.	.	.	4.51	16.29	3.25	0.58	0.55	1.13
1476	ST 4747GLB2	1214	.	.	.	5.1	20.18	3.46	0.66	0.58	1.24
1441	FM 2484B2F	936	.	.	.	4.66	22.07	3.52	0.78	0.56	1.34
.	LSD	221	.	.	.	0.37	2.14	0.46	0.07	0.07	0.14

vcode	VARIETY	Micro	Upper			Short	Elon	Hunters	Yarn			
				naire	Half					Mean	Uniformity	
			Maturity	Length	Index	Fiber	Strength	RD	Plus b	Waste	Tenacity	
1468	ST 4946GLB2	4.88	0.86	1.185	84	6.9	31.8	8.6	80	7.7	6	80
1529	DP 1518B2XF	4.42	0.86	1.21	84.1	8	30.1	7.5	80.6	7.5	6	65.5
1412	DP 0912B2RF	5.26	0.87	1.16	84.5	7.5	29.8	8.2	81.1	7.9	5	70.55
1530	NG 3406B2XF	4.68	0.86	1.195	84.9	7.5	30.3	8.9	80.9	7.7	5	74.1
1404	PHY 499WRF	4.85	0.86	1.175	86.2	6.7	33	9.3	78.6	7.9	6	74.2
1502	PHY 552WRF	4.16	0.85	1.23	85.4	6.6	33.5	8.1	81.3	7.4	6	78
1516	DP 1646B2XF	4.42	0.86	1.315	85.4	5.6	29.1	8.1	81.6	7.6	5	63.65
1476	ST 4747GLB2	4.57	0.87	1.24	84.5	7.4	31.3	6.5	81.6	7.1	6	75.7

1441	FM 2484B2F	4.47	0.87	1.28	85.6	6.4	31.6	6.7	83.3	7.1	6	79.65
.	LSD	0.65	0.02	0.039	1.6	1.3	2.5	0.5	1.9	0.8	2	8.39

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1468	ST 4946GLB2	0.87	1.03	19	6.5	1.22	196.5	2.8	1.02	153	13
1529	DP 1518B2XF	0.93	1.1	17	5.2	1.3	176	3.4	0.98	137	8
1412	DP 0912B2RF	0.87	1.01	17.5	6	1.19	195.5	3	1	126	12
1530	NG 3406B2XF	0.94	1.08	14.5	4.6	1.26	184	2.8	0.99	120	5
1404	PHY 499WRF	0.92	1.07	15.5	5	1.25	186	2.9	0.99	113	10
1502	PHY 552WRF	0.93	1.09	16	5.1	1.29	179.5	3.2	0.99	133	12
1516	DP 1646B2XF	0.98	1.16	15.5	4.8	1.38	186	2.7	1	126	9
1476	ST 4747GLB2	0.93	1.1	17.5	5.6	1.32	182.5	2.7	1.03	96	3
1441	FM 2484B2F	0.96	1.13	15.5	4.7	1.34	169.5	2.9	1	114	3
.	LSD	0.05	0.05	3.5	1.2	0.05	11.1	0.7	0.02	53	10

LOCATION= JACKSON, TN

vcode	VARIETY	Lint	Seed	Lint Percent	Seed Index	Boll	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
		Yield (LB/A)	Yield (LB/A)			Size (G/Boll)					
1516	DP 1646B2XF	1912	1638	44.1	8.7	4.52	16.04	3.33	0.7	0.62	1.31
1412	DP 0912B2RF	1657	2146	40.2	11.9	5.08	19.58	3.36	0.83	0.62	1.45
1502	PHY 552WRF	1640	2372	41	9.4	4.83	17.06	3.42	0.71	0.59	1.29
1426	Phytogen 725RF	1629	2523	39	10.8	5.29	20.31	3.59	0.63	0.46	1.09
1529	DP 1518B2XF	1612	2091	41.5	9.2	4.88	20.21	3.3	0.79	0.6	1.38
1441	FM 2484B2F	1537	2207	39.6	10.6	5.5	21.5	3.83	0.76	0.52	1.28
1468	ST 4946GLB2	1533	2067	40	11.3	6.19	19.64	3.31	0.93	0.65	1.58
1530	NG 3406B2XF	1470	1957	41.8	10.4	5.52	18.85	3.42	0.87	0.69	1.56
1476	ST 4747GLB2	1450	2255	40.5	11.7	5.51	20.21	3.47	0.68	0.56	1.23
1404	PHY 499WRF	1341	1939	42.8	9.5	4.98	18.38	3.35	0.83	0.53	1.36
.	LSD	507	867	2.1	1.7	0.88	1.84	0.25	0.06	0.04	0.1

vcode	VARIETY	Micro naire	Maturity	Upper Half	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
				Mean Length								
1516	DP 1646B2XF	4.39	0.85	1.32	87.3	5.7	29.7	8.8	81.3	8.6	7	86.05
1412	DP 0912B2RF	4.99	0.87	1.17	85.6	7.1	29.7	8.6	80.3	8.6	5	84.55
1502	PHY 552WRF	4.02	0.85	1.28	87.3	6	32.6	8.1	80.1	8.3	6	85.6
1426	Phytogen 725RF	4.29	0.85	1.28	86.4	5.9	35.6	8.7	78.1	8.7	5	91.25
1529	DP 1518B2XF	4.19	0.85	1.275	86.5	6.4	29.5	8.2	82	8.9	6	87.7
1441	FM 2484B2F	4.04	0.85	1.285	86.4	6.5	33	7.2	83.2	7.6	4	83.2
1468	ST 4946GLB2	4.61	0.86	1.255	87.3	6	31.6	8.8	80	8.8	4	78.4
1530	NG 3406B2XF	4.52	0.85	1.195	85.4	7.2	29.4	9.1	80.4	8.4	4	89.7
1476	ST 4747GLB2	4.47	0.87	1.295	85.9	6.5	30.2	6.6	80.4	7.3	8	75.2
1404	PHY 499WRF	4.42	0.85	1.215	86.9	6.6	32.5	9.1	79.8	9	5	98.85
.	LSD	0.26	0.01	0.063	1.9	1.4	2.6	0.5	1.9	0.3	3	19.21

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1516	DP 1646B2XF	0.96	1.14	16.5	5.2	1.36	170.5	4.2	0.94	143	8
1412	DP 0912B2RF	0.94	1.07	13	4	1.24	191.5	2.6	0.99	104	8
1502	PHY 552WRF	0.92	1.08	17.5	5.7	1.29	173.5	3.5	0.97	206	8
1426	Phytogen 725RF	0.97	1.12	13	4.1	1.32	165.5	3.4	0.95	146	11
1529	DP 1518B2XF	0.97	1.13	14.5	4.5	1.33	170	3.9	0.94	144	8
1441	FM 2484B2F	0.96	1.13	16	4.9	1.34	156.5	4.2	0.95	144	15
1468	ST 4946GLB2	0.96	1.1	13.5	4.1	1.27	187	2.6	1	92	6
1530	NG 3406B2XF	0.92	1.07	15	4.8	1.25	174	3.9	0.94	126	4
1476	ST 4747GLB2	0.96	1.12	15	4.7	1.34	179	2.7	1.02	119	14
1404	PHY 499WRF	0.95	1.1	14	4.3	1.26	176.5	3.2	0.95	123	8
.	LSD	0.07	0.05	5.3	1.9	0.04	7.4	1.1	0.03	102	7

LOCATION= PORTAGEVILLE, MO

vcode	VARIETY	Lint	Seed			Boll					
		Yield (LB/A)	Yield (LB/A)	Lint Percent	Seed Index	Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
1529	DP 1518B2XF	1874	3019	38	10	.	18.69	3.38	0.7	0.53	1.23
1530	NG 3406B2XF	1857	2895	38.1	12	.	18.03	3.23	0.81	0.64	1.45
1468	ST 4946GLB2	1749	2857	37.4	12	.	17.99	3.31	0.83	0.59	1.42
1476	ST 4747GLB2	1738	3213	35.7	9	.	18.03	3.41	0.8	0.6	1.4
1404	PHY 499WRF	1570	2487	38.4	10	.	17.52	3.37	0.75	0.49	1.24
1412	DP 0912B2RF	1500	2560	36.5	9	.	17.64	3.7	0.67	0.53	1.19
1502	PHY 552WRF	1475	2282	38.5	8	.	15.26	3.63	0.62	0.53	1.15
1516	DP 1646B2XF	1440	2439	37.7	10	.	15.25	3.49	0.61	0.53	1.13
1441	FM 2484B2F	1277	2112	36.1	10	.	20.15	3.58	0.74	0.54	1.27
1426	Phytogen 725RF	1127	1983	35.2	12	.	19.66	3.35	0.59	0.46	1.05
.	LSD	162	626	4	1.4	.	2.51	0.5	0.06	0.1	0.15

vcode	VARIETY	Micro naire	Maturity	Upper Half	Uniformity Index	Short	Strength	Elon	RD	Hunters	Waste	Yarn
				Mean Length		Fiber		gation		Plus b		Tenacity
1529	DP 1518B2XF	3.96	0.85	1.24	84.9	7.4	31.1	6.7	77.7	6.9	8	72.35
1530	NG 3406B2XF	4.29	0.85	1.185	84.8	7.6	30.2	7.6	79.4	7.5	6	67.8
1468	ST 4946GLB2	4.34	0.86	1.215	84.9	7.2	33.8	7.4	78.2	7.8	7	74.45
1476	ST 4747GLB2	4.33	0.87	1.22	83.4	8.5	31.6	5.6	78.2	6.7	8	74.25
1404	PHY 499WRF	4.43	0.86	1.19	84	7.8	32.9	7.7	77.4	8.2	6	78.45
1412	DP 0912B2RF	4.13	0.86	1.195	84.7	7.7	32.7	7	78.2	7.6	6	71.95
1502	PHY 552WRF	3.85	0.85	1.22	85.3	7.4	33.3	6.7	78.2	7.4	8	70.95
1516	DP 1646B2XF	4.07	0.85	1.28	83.8	7.2	30.6	7.3	79.9	7.5	7	76.1
1441	FM 2484B2F	3.94	0.86	1.24	84.8	7.3	32.6	6.1	80	7	6	74.55
1426	Phytogen 725RF	4.02	0.85	1.255	84.7	7	35.3	7	76.9	8	6	76.45
.	LSD	0.4	0.01	0.043	1	0.8	1.8	0.4	1.2	0.7	1	11.31

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1529	DP 1518B2XF	0.91	1.09	20	6.5	1.31	170.5	4.4	0.97	252	32
1530	NG 3406B2XF	0.91	1.08	17.5	5.5	1.27	178	3.7	0.98	193	18
1468	ST 4946GLB2	0.93	1.09	17	5.3	1.28	178.5	3.8	0.99	197	19
1476	ST 4747GLB2	0.93	1.1	17.5	5.5	1.31	179	3.4	1.02	194	20
1404	PHY 499WRF	0.9	1.06	18	5.8	1.25	187	3	1.02	194	21
1412	DP 0912B2RF	0.9	1.07	18.5	5.9	1.26	177	3.8	1	203	22
1502	PHY 552WRF	0.93	1.09	17	5.2	1.29	174.5	3.3	1.01	250	31
1516	DP 1646B2XF	0.94	1.12	19	6	1.35	176.5	4.1	0.99	210	11
1441	FM 2484B2F	0.94	1.11	17	5.4	1.32	172.5	3.2	1.02	224	16
1426	Phytogen 725RF	0.95	1.12	15.5	4.8	1.32	175.5	2.9	1.03	226	25
.	LSD	0.05	0.04	2.9	1.1	0.05	9.7	0.6	0.03	66	11

LOCATION= KEISER, AR

vcode	VARIETY	Lint	Seed	Lint Percent	Seed Index	Boll	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
		Yield (LB/A)	Yield (LB/A)			Size (G/Boll)					
1404	PHY 499WRF	1546	1685	44.9	9.9	4.44	19.71	3.45	0.65	0.44	1.09
1502	PHY 552WRF	1528	1983	44.6	8.5	3.94	15.21	3.86	0.55	0.51	1.06
1412	DP 0912B2RF	1493	2032	42.1	10.3	4.2	18.54	3.28	0.66	0.49	1.15
1516	DP 1646B2XF	1487	1715	45	8.6	4.17	16.21	3.67	0.55	0.55	1.1
1468	ST 4946GLB2	1390	2021	42.3	11.8	5.4	20.14	3.42	0.7	0.48	1.18
1529	DP 1518B2XF	1330	1810	41.7	9.9	4.15	19.4	3.5	0.64	0.49	1.13
1476	ST 4747GLB2	1261	1680	41	11	4.7	21.21	3.87	0.61	0.53	1.14
1530	NG 3406B2XF	1195	1539	43.5	10.1	4.17	17.72	3.52	0.64	0.54	1.18
1441	FM 2484B2F	1151	1570	41.3	10.9	4.08	22	3.43	0.67	0.48	1.15
1426	Phytogen 725RF	643	950	37	12.3	4.07	20.41	3.7	0.55	0.44	0.99
.	LSD	139	167	0.8	0.6	0.82	1.64	0.38	0.06	0.05	0.1

vcode	VARIETY	Micro naire	Maturity	Upper Half	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
				Mean Length								
1404	PHY 499WRF	5.05	0.87	1.155	85.5	6.8	32.2	8.7	77.8	7.9	6	85.2
1502	PHY 552WRF	4.62	0.86	1.195	85.8	6.5	34	7.4	77.7	6.8	8	84.85
1412	DP 0912B2RF	5.23	0.88	1.12	84.8	7.5	30.4	7.5	76.2	7.2	7	84.25
1516	DP 1646B2XF	4.93	0.87	1.25	85.2	7.5	31.3	8.2	81.1	7.2	5	83.4
1468	ST 4946GLB2	5.15	0.88	1.16	85.4	6.8	33.8	8	78.5	7.6	6	80.85
1529	DP 1518B2XF	4.6	0.86	1.195	84.3	7.5	30.7	7.5	78.7	6.9	6	94.9
1476	ST 4747GLB2	4.81	0.88	1.22	83.2	8.2	31.1	6	78.9	6.7	6	102.7
1530	NG 3406B2XF	4.72	0.86	1.18	85.6	6.6	30.8	8.5	78.2	7.2	6	79.4
1441	FM 2484B2F	4.42	0.87	1.255	85.4	6.8	34.9	6.5	79.8	6.4	5	87
1426	Phytogen 725RF	4.75	0.87	1.275	85.8	5.8	38.5	7.6	76.3	8	7	97.8
.	LSD	0.3	0.01	0.046	2	1.3	2.7	0.3	3.3	0.7	2	13.72

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight						Number Count
1404	PHY 499WRF	0.9	1.04	15.5	5.1	1.2	201	2	1.05	105	14
1502	PHY 552WRF	0.92	1.08	15	4.7	1.25	195.5	2.1	1.07	139	18
1412	DP 0912B2RF	0.88	1.02	16.5	5.4	1.19	203	2.5	1.05	102	11
1516	DP 1646B2XF	0.96	1.14	16.5	5	1.35	193.5	2.4	1.05	112	7
1468	ST 4946GLB2	0.9	1.04	16	5	1.22	210.5	2	1.07	77	9
1529	DP 1518B2XF	0.93	1.09	16.5	5.1	1.29	191	2.6	1.04	113	11
1476	ST 4747GLB2	0.93	1.1	17	5.5	1.31	193	2.3	1.07	88	11
1530	NG 3406B2XF	0.89	1.04	16.5	5.5	1.22	193	2.7	1.03	109	7
1441	FM 2484B2F	0.96	1.12	15.5	4.7	1.32	185.5	2.1	1.06	110	15
1426	Phytogen 725RF	0.99	1.15	14	4.1	1.36	187.5	2.5	1.06	115	13
.	LSD	0.06	0.05	3.9	1.5	0.05	11.7	0.8	0.03	46	9



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Crop Genetics Research Unit
P O Box 345
Stoneville, MS 38776

(662) 686-3080
(662) 686-3079 (Fax)



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WESTERN REGION

*******Beginning with 2015, Eurofins' readings are reported as Dry Matter Basis.*******

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1473	DP 1359B2RF	0.79	0.99	27	4.7	1.22	173.5	5.2	0.98	209	22
1412	DP 0912B2RF	0.79	0.97	25	9.1	1.17	185	4.7	0.99	248	20
1404	PHY 499WRF	0.84	1.01	22	7.6	1.2	179.5	4.5	0.99	217	38
1474	FM 2322GL	0.87	1.04	21	7.1	1.25	171.5	3.4	1.02	148	28
1426	Phytogen 725RF	0.84	1.03	23.5	8.4	1.25	174.5	4.1	1.01	262	27
1441	FM 2484B2F	0.82	1.01	25.5	8.9	1.24	168.5	4.9	0.99	236	26
1361	PHY 755WRF	0.9	1.09	20	6.5	1.31	177	3.3	1.02	201	26
.	LSD	.	.	.	.	.	.	.	.	.	.

WESTERN REGION SUMMARY BY LOCATION SITES

LOCATION	Lint	Seed	Boll			Nitr	Plus	Minus	Free	
	Yield (LB/A)	Yield (LB/A)	Lint Percent	Seed Index	Size (G/Boll)					Oil
LAS CRUCES, NM	2026	2663	43.3	.	5.94	23.5	3.01	0.79	0.61	1.4
FIVE POINTS, CA	1893	2384	44.3	10.6	5.49	18.38	3.93	0.63	0.43	1.06

LOCATION	Micro naire	Maturity	Upper Half	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters	Waste	Yarn
			Mean Length						Plus b		Tenacity
LAS CRUCES, NM	.	.	.	.	.	.	.	.	.	.	.
FIVE POINTS, CA	4.2	0.85	1.169	82.7	9.1	33.7	7.8	67.8	9.9	.	72.61

LOCATION	Length number	Length weight	Short Fiber Content Number	Short Fiber Content Weight	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat Number Count
LAS CRUCES, NM	.	.	.	.	.	.	.	.	.	.
FIVE POINTS, CA	0.83	1.02	23.4	7.5	1.23	175.6	4.3	1	217	26

WESTERN REGION INDIVIDUAL LOCATION SUMMARIES

LOCATION=FIVE POINTS, CA

vcode	VARIETY	Lint	Seed	Boll				Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
		Yield (LB/A)	Yield (LB/A)	Lint Percent	Seed Index	Size (G/Boll)	Oil				
1474	FM 2322GL	2124	2161	49.6	10.9	6.23	15.32	4.34	0.48	0.28	0.76
1412	DP 0912B2RF	2106	2690	43.9	10.6	5.35	14.28	4.13	0.77	0.54	1.31
1404	PHY 499WRF	2072	2430	46.1	10.3	5.36	20.24	3.78	0.75	0.46	1.21
1426	Phytogen 725RF	1987	2795	41.5	11.4	5.68	19.97	3.96	0.63	0.46	1.09
1473	DP 1359B2RF	1744	2178	44.4	9.4	4.93	17.95	3.73	0.53	0.36	0.89
1441	FM 2484B2F	1609	2024	44.3	10.8	5.08	20.36	3.73	0.73	0.5	1.23
1361	PHY 755WRF	1608	2413	40	10.9	5.84	20.53	3.83	0.55	0.4	0.95
.	LSD	360	455	1.1	1	1.2	3.33	0.41	0.09	0.11	0.19

vcode	VARIETY	Micro naire	Maturity	Upper Half			Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
				Mean Length	Uniformity Index	Short Fiber							
1474	FM 2322GL	4.58	0.87	1.16	81.8	9.2	33.2	7	66.5	9.4	.	76.25	
1412	DP 0912B2RF	4.29	0.85	1.105	82.6	9.6	30.2	8.4	70.5	9.5	.	69.35	
1404	PHY 499WRF	4.18	0.85	1.115	82.7	9.5	31.9	8.6	65.6	9.7	.	70.5	
1426	Phytogen 725RF	4	0.84	1.21	82.9	8.1	35.9	8.2	68.7	10.3	.	75.4	

1473	DP 1359B2RF	4.14	0.85	1.135	81.7	10.3	31.4	7.3	69.3	9.6	.	69.5
1441	FM 2484B2F	4.04	0.86	1.195	82.9	9.5	32.5	6.7	67	10.1	.	70.65
1361	PHY 755WRF	4.15	0.85	1.26	84.2	7.7	40.8	8.2	67.1	10.5	.	76.65
.	LSD	0.71	0.03	0.07	2.2	2	3.4	0.8	4.5	1	.	8.34

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content Weight	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat Number Count
1474	FM 2322GL	0.87	1.04	21	7.1	1.25	171.5	3.4	1.02	148	28
1412	DP 0912B2RF	0.79	0.97	25	9.1	1.17	185	4.7	0.99	248	20
1404	PHY 499WRF	0.84	1.01	22	7.6	1.2	179.5	4.5	0.99	217	38
1426	Phytogen 725RF	0.84	1.03	23.5	8.4	1.25	174.5	4.1	1.01	262	27
1473	DP 1359B2RF	0.79	0.99	27	4.7	1.22	173.5	5.2	0.98	209	22
1441	FM 2484B2F	0.82	1.01	25.5	8.9	1.24	168.5	4.9	0.99	236	26
1361	PHY 755WRF	0.9	1.09	20	6.5	1.31	177	3.3	1.02	201	26
.	LSD	0.07	0.05	7.8	5.6	0.06	17	1.8	0.05	170	22

LOCATION=LAS CRUCES, NM

vcode	VARIETY	Lint Yield (LB/A)	Seed Yield (LB/A)	Lint Percent	Seed Index	Boll Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
1473	DP 1359B2RF	2699	3368	44.7	.	5.74	22.61	3.16	0.73	0.58	1.3
1412	DP 0912B2RF	2243	2915	43.5	.	6.14	24.15	2.96	0.93	0.71	1.64
1441	FM 2484B2F	2063	2621	44.1	.	5.57	25.92	2.88	0.83	0.65	1.48
1361	PHY 755WRF	1921	2932	39.3	.	5.81	23.92	2.62	0.75	0.63	1.37
1426	Phytogen 725RF	1774	2663	40	.	6.51	26.55	3.11	0.79	0.63	1.42
1404	PHY 499WRF	1772	2195	44.6	.	5.77	23.25	2.82	0.9	0.66	1.56
1474	FM 2322GL	1711	1950	46.8	.	6.02	18.08	3.52	0.63	0.43	1.05
.	LSD	514	719	1.2	.	0.59	1.9	0.31	0.1	0.07	0.16



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P O Box 345
Stoneville, MS 38776

(662) 686-3080
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PIMA REGION

*******Beginning with 2015, Eurofins' readings are reported as Dry Matter Basis.*******

**2016 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR PIMA BY VARIETIES**

vcode	VARIETY	Lint	Seed	Boll				Nitr	Plus	Minus	Free
		Yield	Yield	Lint	Seed	Size	Oil				
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)		ogen	Gossypol	Gossypol	Gossypol
1532	PHY 881RF	2048	2998	40.2	12.7	4.12	19.65	3.77	0.63	0.7	1.34
1472	PHY 811RF	1849	2810	39.1	14.3	3.8	21.6	3.71	0.5	0.52	1.02
1471	DP 358RF	1846	2875	38.3	12.7	3.93	20.16	3.82	0.59	0.61	1.2
1531	PHY 841RF	1778	2512	40.9	13.9	4.01	22.91	3.6	0.61	0.68	1.29
1513	DP 348RF	1729	2564	39.2	13.9	4.09	22.93	3.8	0.57	0.59	1.16
1432	PHY 805	1619	2413	39.4	12.6	3.92	18.74	3.76	0.52	0.51	1.03
.	LSD	319	523	1.1	.	0.17	4.45	0.24	0.06	0.06	0.12

vcode	VARIETY	Micro	Upper	Mean	Uniformity	Short	Elon	Hunters	Yarn			
										naire	Half	Index	Fiber	gation	Plus b	Waste	Tenacity
			Maturity	Length	Index	Fiber	Strength	RD	Waste	Tenacity		
1532	PHY 881RF	4.58	0.87	1.5	88	4.9	50.1	7.5	61	12	.	90.05
1472	PHY 811RF	4.49	0.87	1.46	89.2	4.8	49.3	7.6	58	12.5	.	89.1
1471	DP 358RF	4.26	0.86	1.44	88.5	4.9	48	7.7	59.3	12.2	.	87.3
1531	PHY 841RF	4.51	0.87	1.59	88.7	4.9	53.3	7.3	56.9	12.6	.	84.65
1513	DP 348RF	4.25	0.86	1.47	86.9	4.9	48.1	7.2	58.6	12.6	.	86.1
1432	PHY 805	4.43	0.87	1.43	88.5	4.8	55.3	7.1	58.1	12.4	.	86.25
.	LSD	.	.	.	.	.	.	.	.	.	.	.

vcode	VARIETY	Length	Length	Short	Short	UQL	Fine	Immature	Maturity	Nep	Seed
				Content	Content	Weight				Count	Count
1532	PHY 881RF	1.14	1.33	12.5	3.1	1.59	179	1.8	1.08	116	20

PIMA REGION - INDIVIDUAL LOCATION SUMMARIES

LOCATION=FIVE POINTS, CA

vcode	VARIETY	Lint	Seed	Boll				Nitr	Plus	Minus	Free
		Yield	Yield	Lint	Seed	Size	Oil				
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)		ogen	Gossypol	Gossypol	Gossypol
1532	PHY 881RF	2450	3117	44	12.7	3.7	15.32	3.79	0.64	0.71	1.35
1471	DP 358RF	2399	3284	42.1	12.7	3.44	14.43	3.89	0.65	0.66	1.31
1513	DP 348RF	2369	3121	43.2	13.9	3.65	19.61	3.9	0.61	0.64	1.25
1472	PHY 811RF	2287	3110	42.4	14.3	3.33	18.06	3.8	0.53	0.54	1.07
1531	PHY 841RF	2236	2820	44.3	13.9	3.65	20.02	3.74	0.66	0.73	1.38
1432	PHY 805	2085	2730	43.3	12.6	3.49	13.05	3.71	0.57	0.55	1.12
.	LSD	183	250	1	1.4	0.41	1.93	0.52	0.07	0.1	0.17

vcode	VARIETY	Micro	Maturity	Upper	Uniformity	Short	Elon	RD	Hunters	Waste	Yarn	
				Half		Fiber						Strength
		naire		Mean	Index		gation		Plus b		Tenacity	
				Length								
1532	PHY 881RF	4.58	0.87	1.5	88	4.9	50.1	7.5	61	12	.	90.05
1471	DP 358RF	4.26	0.86	1.44	88.5	4.9	48	7.7	59.3	12.2	.	87.3
1513	DP 348RF	4.25	0.86	1.47	86.9	4.9	48.1	7.2	58.6	12.6	.	86.1
1472	PHY 811RF	4.49	0.87	1.46	89.2	4.8	49.3	7.6	58	12.5	.	89.1
1531	PHY 841RF	4.51	0.87	1.59	88.7	4.9	53.3	7.3	56.9	12.6	.	84.65
1432	PHY 805	4.43	0.87	1.43	88.5	4.8	55.3	7.1	58.1	12.4	.	86.25
.	LSD	0.77	0.02	0.085	3.7	0.1	7.7	1.5	4.4	1.3	.	11.28

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1532	PHY 881RF	1.14	1.33	12.5	3.1	1.59	179	1.8	1.08	116	20
1471	DP 358RF	1.05	1.26	15.5	4.4	1.52	167	2.1	1.06	97	12
1513	DP 348RF	1.11	1.31	13	3.6	1.57	160.5	2.2	1.05	95	14
1472	PHY 811RF	0.99	1.22	20.5	5.8	1.49	152	3.4	1.02	154	31
1531	PHY 841RF	1.13	1.32	12	3.2	1.57	174.5	1.9	1.06	61	19
1432	PHY 805	1.03	1.25	17	4.9	1.52	162.5	2.7	1.05	150	26
.	LSD	0.08	0.05	7.7	2.1	0.1	16.6	1.6	0.04	113	18

LOCATION=LAS CRUCES, NM

vcode	VARIETY	Lint	Seed	Lint Percent	Seed Index	Boll	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
		Yield (LB/A)	Yield (LB/A)			Size (G/Boll)					
1532	PHY 881RF	1646	2879	36.4	.	4.55	23.98	3.76	0.63	0.7	1.32
1472	PHY 811RF	1411	2510	35.9	.	4.26	25.15	3.62	0.47	0.5	0.96
1531	PHY 841RF	1320	2205	37.5	.	4.37	25.81	3.47	0.57	0.64	1.21
1471	DP 358RF	1293	2467	34.5	.	4.43	25.89	3.76	0.54	0.57	1.1
1432	PHY 805	1154	2097	35.6	.	4.34	24.43	3.81	0.47	0.48	0.94
1513	DP 348RF	1089	2007	35.2	.	4.52	26.24	3.7	0.53	0.55	1.07
.	LSD	401	748	4.1	.	0.46	1.19	0.37	0.05	0.05	0.1



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REGIONAL HIGH QUALITY

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2016 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR REGIONAL HIGH QUALITY BY VARIETIES

vcode	VARIETY	Lint	Seed	Boll				Nitr	Plus	Minus	Free
		Yield	Yield	Lint	Seed	Size	Oil				
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)		ogen	Gossypol	Gossypol	Gossypol
1516	DP 1646B2XF	1513	1927	42.6	9	4.78	17.27	3.6	0.63	0.57	1.2
1459	PHY 444WRF	1480	1939	42.8	10.6	5.01	19.98	3.49	0.58	0.62	1.2
1501	DP 1555B2RF	1404	1758	43.9	8.9	4.94	15.3	3.57	0.56	0.55	1.11
1478	PHY 333WRF	1397	1778	43.2	10	5.13	20.59	3.69	0.72	0.56	1.28
1502	PHY 552WRF	1339	1800	42.1	8.6	4.38	17.35	3.62	0.61	0.54	1.15
1515	Ark 0822-75	1337	2001	39.3	11.4	5.31	21.52	3.53	0.76	0.57	1.33
1517	DP 1614B2XF	1297	1727	42.5	8.8	4.86	15.14	3.84	0.72	0.51	1.23
1441	FM 2484B2F	1278	1832	40.5	10.6	4.59	21.85	3.51	0.75	0.56	1.31
1514	Ark 0819-84	1216	1951	38.5	10.9	5.19	21.45	3.54	0.78	0.59	1.37
1503	FM 1830GLT	1206	1626	41.9	9.8	5.02	15.34	3.77	0.56	0.42	0.99
1519	FM 1911GLT	1101	1582	40.5	12.6	5.64	20.64	3.75	0.66	0.5	1.16
1524	MD 15-31	1091	1849	36.6	11	5.15	20.83	3.58	0.75	0.56	1.32
1521	TAM BB-2139	1055	1885	35.5	12.7	5.63	21.39	3.6	0.92	0.7	1.61
1523	TAM 11T-08	1054	2006	34.5	13.3	5.94	22.82	3.68	0.94	0.61	1.55
1474	FM 2322GL	1044	1355	42.5	10.3	5.15	16.33	3.93	0.51	0.35	0.85
1520	NM 13R1015	1003	1624	37.5	10.2	4.65	17.22	3.67	0.63	0.41	1.04
1522	TAM 11K-13	990	1752	34.6	13.6	5.25	21.3	3.71	0.86	0.58	1.44
1426	Phytogen 725RF	962	1583	37	11	5.16	21.09	3.63	0.65	0.5	1.15
.	LSD	161	198	1.6	0.9	0.35	1.45	0.15	0.07	0.05	0.11

vcode	VARIETY	Micro	Maturity	Upper	Uniformity	Short	Elon	Hunters	Yarn			
				Half								
		naire		Mean	Index	Fiber	gation	Plus b	Waste	Tenacity		
1516	DP 1646B2XF	4.47	0.85	1.27	84.4	7	30.6	8.1	79.7	7.5	6	81.22
1459	PHY 444WRF	4.23	0.86	1.294	86	6.5	33.4	7.3	79.9	7.8	6	82.55
1501	DP 1555B2RF	4.53	0.86	1.211	84.7	7.5	33	8	79.7	7.7	6	82.46
1478	PHY 333WRF	4.48	0.86	1.205	85.3	7.5	31.8	7.6	77.3	8	6	82.18

1502	PHY 552WRF	4.36	0.86	1.214	85.2	7.3	33.3	7.5	79.4	7.3	7	88.06
1515	Ark 0822-75	4.68	0.86	1.268	85.1	6.8	32.9	8	78.4	8.1	6	82.34
1517	DP 1614B2XF	4.83	0.86	1.225	85.6	7.1	31.2	8.7	78.2	8.1	6	81.94
1441	FM 2484B2F	4.46	0.86	1.238	85	7.3	34.1	6.7	80.7	7	6	90.05
1514	Ark 0819-84	5.03	0.88	1.263	86.5	6.2	34.9	7.3	78	7.8	6	86.59
1503	FM 1830GLT	4.61	0.87	1.264	85.7	6.6	34.1	7	80.4	6.8	6	84.16
1519	FM 1911GLT	4.57	0.86	1.214	85.2	7.1	33.1	7	79.9	7.2	7	85.89
1524	MD 15-31	4.24	0.86	1.26	85.3	6.5	37.4	7.2	77.7	7.2	7	95.29
1521	TAM BB-2139	3.96	0.86	1.444	86.3	5.1	34.9	6	79.1	7.5	6	93.68
1523	TAM 11T-08	4.13	0.86	1.383	86.6	5.2	37.9	7.2	78.3	8.1	8	91.63
1474	FM 2322GL	4.49	0.87	1.216	84.8	7.1	35.7	6.4	77.9	7.7	7	89.73
1520	NM 13R1015	4.64	0.86	1.174	85.5	6.4	33.8	7.4	77.5	7.7	7	89.53
1522	TAM 11K-13	4.19	0.86	1.429	86.5	5	36.5	6.3	78.4	7.7	7	91.49
1426	Phytogen 725RF	4.43	0.86	1.248	85.3	6.8	34.8	7.8	77	8.4	6	84.01
.	LSD	0.25	0.01	0.045	0.8	0.6	1.6	0.5	1	0.4	2	6.66

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1516	DP 1646B2XF	0.94	1.12	17.9	5.6	1.33	179.8	3.5	0.99	156	12
1459	PHY 444WRF	0.94	1.12	17.6	5.6	1.33	176.2	3.5	0.99	170	9
1501	DP 1555B2RF	0.91	1.07	17.3	5.7	1.26	183.4	2.9	1.01	132	13
1478	PHY 333WRF	0.92	1.07	16.9	5.5	1.27	184.9	3.2	1	121	11
1502	PHY 552WRF	0.93	1.08	15.7	4.9	1.27	178.4	2.9	1.01	139	11
1515	Ark 0822-75	0.92	1.1	18.4	5.9	1.31	186.3	3	1.01	139	10
1517	DP 1614B2XF	0.93	1.08	16.3	5.1	1.28	190.3	2.8	1	134	12
1441	FM 2484B2F	0.92	1.08	17.3	5	1.29	178.1	2.9	1.01	151	12
1514	Ark 0819-84	0.98	1.13	13.8	4.1	1.33	197.6	2.1	1.05	100	11
1503	FM 1830GLT	0.96	1.12	15.1	4.6	1.32	180.3	2.6	1.02	121	9
1519	FM 1911GLT	0.93	1.08	15.6	4.9	1.27	177.9	3	1.01	135	12
1524	MD 15-31	0.95	1.11	14.9	4.6	1.31	173.8	2.7	1.02	151	12
1521	TAM BB-2139	1	1.21	18.1	5.3	1.47	166.6	3.2	1.01	187	11
1523	TAM 11T-08	1.01	1.21	16.1	4.7	1.44	173.1	3	1.01	174	18

1474	FM 2322GL	0.92	1.07	16.2	5.3	1.27	172.9	2.7	1.03	139	16
1520	NM 13R1015	0.91	1.04	14.1	4.6	1.21	181.4	2.5	1.02	150	21
1522	TAM 11K-13	1	1.22	18.6	5.4	1.47	173.8	3.4	1.02	203	19
1426	Phytogen 725RF	0.94	1.1	15.1	4.9	1.3	177.3	2.7	1.02	157	15
.	LSD	0.03	0.03	2.1	0.8	0.04	6.7	0.5	0.02	38	5

REGIONAL HIGH QUALITY REGION SUMMARY BY LOCATION SITES

LOCATION	Lint Yield (LB/A)	Seed Yield (LB/A)	Lint Percent	Seed Index	Boll Size (G/Boll)	Oil	Nitrogen	Plus Gossypol	Minus Gossypol	Free Gossypol
LAS CRUCES, NM	2134	2867	42.7	.	6.1	22.14	3.12	0.91	0.71	1.61
JACKSON, TN	2009	2690	41.9	11	5.56	20.05	3.75	0.75	0.59	1.35
COLLEGE STATION, TX	1200	1906	38.4	10.3	4.68	17.84	3.31	0.64	0.53	1.17
PORTAGEVILLE, MO	1183	2094	35.2	11.2	.	17.27	3.74	0.66	0.51	1.17
STONEVILLE, MS	1110	1621	40.2	11	4.91	20.15	3.42	0.76	0.56	1.32
SAINT JOSEPH, LA	1062	1638	39.1	11.1	5.22	18.39	4.06	0.63	0.46	1.09
KEISER, AR	984	1372	40.6	11.1	4.49	19.26	3.85	0.62	0.49	1.11
LUBBOCK, TX	946	1464	38.9	10.6	5.19	20.33	3.59	0.71	0.59	1.3
FLORENCE, SC*	244	356	40.7	9.6	4.58	17.83	4	0.6	0.4	1

*The low yield at the Florence, SC location was mostly due to an unusually active hurricane season in 2016.

LOCATION	Microaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
LAS CRUCES, NM	.	.	.	.	.	.	.	.	.	.	.
JACKSON, TN	4.72	0.86	1.287	86.6	6.3	32.9	7.5	79.9	7.6	5	90.5
COLLEGE STATION, TX	4.15	0.85	1.304	86	6.4	32.6	7.1	78.1	7.5	7	78.92
PORTAGEVILLE, MO	3.93	0.86	1.296	84.8	6.5	35	6.3	78	7.6	7	84.56
STONEVILLE, MS	4.7	0.87	1.28	86.5	6.5	35.5	7.2	80.5	8.1	6	91.48

SAINT JOSEPH, LA	4.74	0.87	1.27	86.1	6.4	34.4	7.4	80	6.7	6	83.95
KEISER, AR	4.58	0.87	1.301	86.3	6.2	35.3	6.9	78.8	7.2	6	93.76
LUBBOCK, TX	4.68	0.86	1.247	84.6	6.8	34	8.5	80.9	8.7	6	82.43
FLORENCE, SC	4.17	0.85	1.157	83.1	7.8	32.8	7.4	73.9	7.8	8	88.41

LOCATION	Length number	Length weight	Short Fiber Content Number	Short Fiber Content Weight	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat Number Count
LAS CRUCES, NM	.	.	.	.	.	.	.	.	.	.
JACKSON, TN	0.96	1.12	15.3	4.7	1.33	177.5	2.9	1	107	9
COLLEGE STATION, TX	0.94	1.12	17.6	5.5	1.34	171.5	3.3	0.99	173	11
PORTAGEVILLE, MO	0.96	1.14	17.1	5.2	1.36	174.3	3.4	1.02	233	25
STONEVILLE, MS	0.94	1.11	17.2	5.4	1.32	180.9	2.9	1.02	107	12
SAINT JOSEPH, LA	0.99	1.13	12.8	3.7	1.32	190.1	2.1	1.04	97	9
KEISER, AR	0.99	1.16	14.5	4.3	1.37	182.4	2.6	1.03	119	13
LUBBOCK, TX	0.95	1.11	15	4.7	1.31	185.6	2.4	1.02	167	13
FLORENCE, SC	0.82	1	21.6	7.4	1.2	173.6	3.8	0.98	184	12

REGIONAL HIGH QUALITY REGION - INDIVIDUAL LOCATION SUMMARIES

LOCATION=LUBBOCK, TX (IRR)

vcode	VARIETY	Lint Yield (LB/A)	Seed Yield (LB/A)	Lint Percent	Seed Index	Boll Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
1474	FM 2322GL	1215	1510	43.1	10.3	5.2	16.77	3.87	0.5	0.37	0.86
1516	DP 1646B2XF	1211	1425	43.3	8.2	4.68	16.04	3.56	0.59	0.59	1.17
1519	FM 1911GLT	1086	1603	41.1	12.9	6.22	22.02	3.5	0.6	0.54	1.14
1441	FM 2484B2F	1085	1580	39.2	11	4.45	24.3	3.23	0.79	0.66	1.44
1501	DP 1555B2RF	1081	1551	42	8.7	4.81	14.39	3.57	0.55	0.58	1.13

1459	PHY 444WRF	1061	1326	42.3	10.8	4.88	20.13	3.42	0.49	0.61	1.1
1502	PHY 552WRF	1005	1459	41	8.6	4.44	18.21	3.8	0.62	0.6	1.22
1503	FM 1830GLT	950	1318	41.9	9.6	5.06	16.27	3.76	0.56	0.47	1.02
1478	PHY 333WRF	927	1241	41	10.4	5.34	21.87	3.88	0.83	0.7	1.53
1520	NM 13R1015	903	1574	37.8	10.5	5.05	20.3	3.57	0.68	0.52	1.2
1515	Ark 0822-75	874	1270	38.3	10.6	5.12	22.25	3.18	0.84	0.66	1.49
1524	MD 15-31	850	1798	34.3	10.1	5.27	19.76	3.64	0.71	0.54	1.24
1521	TAM BB-2139	820	1596	34.6	12.3	5.67	23.97	3.61	0.97	0.79	1.75
1517	DP 1614B2XF	800	1262	40.5	8.5	4.41	13.87	3.69	0.75	0.59	1.34
1522	TAM 11K-13	795	1417	33.9	13.3	5.35	24.03	3.69	0.9	0.67	1.57
1514	Ark 0819-84	795	1468	35.8	11.2	5.34	23.54	3.25	0.8	0.63	1.43
1426	Phytogen 725RF	795	1226	36.6	11.2	5.27	23.12	3.67	0.64	0.53	1.17
1523	TAM 11T-08	778	1726	33.6	12.8	6.89	25.15	3.82	0.93	0.67	1.6
.	LSD	189	469	1.7	1.1	0.62	2.95	0.34	0.13	0.13	0.25

vcode	VARIETY	Micro naire	Maturity	Upper Half	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
				Mean Length								
1474	FM 2322GL	4.75	0.87	1.185	83.7	7.4	35.9	7.4	80.7	8.3	9	104.7
1516	DP 1646B2XF	4.71	0.85	1.255	83.6	7.7	29.1	9.8	83.4	8.8	5	73.6
1519	FM 1911GLT	4.92	0.87	1.195	84.8	7.1	34.5	8.3	82.6	7.7	5	79.55
1441	FM 2484B2F	4.69	0.87	1.24	84.6	6.7	35.2	7.4	84.1	8.4	5	88.05
1501	DP 1555B2RF	4.78	0.85	1.195	84.8	7.1	32.1	9.7	81.5	8.8	5	79.1
1459	PHY 444WRF	4.35	0.85	1.27	85.4	6.7	33.7	8.7	81.4	8.7	5	75.65
1502	PHY 552WRF	4.52	0.85	1.21	84.6	7.2	33.1	9	80.7	8.3	19	83.75
1503	FM 1830GLT	4.83	0.86	1.215	84.5	7.4	35.5	8.3	82.3	7.3	5	86.85
1478	PHY 333WRF	4.53	0.85	1.195	85	7.5	32.1	8.5	79.7	8.6	6	79.4
1520	NM 13R1015	4.9	0.86	1.145	85	6.5	32.2	9.3	80.5	8.6	4	91.45
1515	Ark 0822-75	4.74	0.86	1.24	83.9	7.5	32	9.1	80.5	9.6	6	71.45
1524	MD 15-31	4.57	0.86	1.19	81.6	7.9	38.7	8	81.4	8.1	5	92.9
1521	TAM BB-2139	4.32	0.86	1.415	84.7	4.9	34.5	6.8	80.4	8.9	5	77.15
1517	DP 1614B2XF	5.08	0.85	1.19	85.3	7.3	30.3	10.9	79.8	9.1	6	79.2
1522	TAM 11K-13	4.39	0.86	1.475	85.6	4.9	35.2	6.9	79.7	8.1	6	82.5
1514	Ark 0819-84	5.23	0.88	1.25	87.1	6	35.7	8.3	81	9.4	5	77.9

1426	Phytogen 725RF	4.82	0.86	1.205	84.3	7.3	34.3	9.2	77.5	10.5	5	86.95
1523	TAM 11T-08	4.22	0.85	1.37	85.6	4.9	38	8.1	79.3	9.2	6	73.55
.	LSD	0.18	0.01	0.032	1.3	1.3	2.4	0.8	1.4	0.6	7	18.7

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content Weight	UQL Weight	Fine ness	Immature Fiber Content	Maturity Ratio	Nep Count	Seed Coat Number Count
1474	FM 2322GL	0.9	1.05	17	5.7	1.25	177.5	2.6	1.03	164	16
1516	DP 1646B2XF	0.94	1.1	16	4.9	1.31	189	2.6	0.99	162	11
1519	FM 1911GLT	0.92	1.07	15	4.9	1.26	186.5	2.3	1.03	136	6
1441	FM 2484B2F	0.93	1.08	16	5	1.29	185.5	2.2	1.04	191	8
1501	DP 1555B2RF	0.89	1.05	17	5.7	1.24	190.5	2.5	1.02	145	14
1459	PHY 444WRF	0.97	1.13	15.5	4.8	1.34	179	3	0.99	177	6
1502	PHY 552WRF	0.96	1.11	14	4.2	1.29	181.5	2.6	1	142	12
1503	FM 1830GLT	0.96	1.11	14.5	4.4	1.32	184	2.2	1.04	138	8
1478	PHY 333WRF	0.93	1.09	16	5	1.28	184.5	3	1	153	16
1520	NM 13R1015	0.93	1.05	10.5	3.3	1.19	189	1.9	1.02	148	23
1515	Ark 0822-75	0.89	1.06	19.5	6.6	1.29	188	2.7	1.01	206	7
1524	MD 15-31	0.98	1.12	12	3.6	1.3	183.5	1.8	1.05	129	7
1521	TAM BB-2139	1	1.22	17.5	5.2	1.47	172	2.7	1.03	226	15
1517	DP 1614B2XF	0.94	1.08	13.5	4.4	1.27	199	2.1	1.02	150	13
1522	TAM 11K-13	1.06	1.26	15.5	4.2	1.52	176	2.6	1.04	218	20
1514	Ark 0819-84	1.01	1.15	12	3.4	1.33	209	1.5	1.08	99	13
1426	Phytogen 725RF	0.91	1.06	14	4.8	1.24	187.5	1.9	1.04	240	26
1523	TAM 11T-08	1.03	1.21	15	4.2	1.45	178	2.5	1.04	192	17
.	LSD	0.03	0.03	1.6	0.6	0.03	5.1	0.5	0.01	59	7

LOCATION: COLLEGE STATION, TX

vcode	VARIETY	Lint	Seed	Lint	Seed	Boll	Oil	Nitr	Plus	Minus	Free
		Yield	Yield		Size	ogen					
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)					
1459	PHY 444WRF	1600	2356	40.4	10.4	4.81	18.43	3.1	0.52	0.63	1.15
1516	DP 1646B2XF	1562	2118	42.3	7.8	4.21	15.54	3.3	0.57	0.58	1.14
1501	DP 1555B2RF	1550	1983	43.8	7.9	4.46	14.24	3.24	0.49	0.56	1.05
1478	PHY 333WRF	1501	2173	40.9	10	5.12	20.54	3.35	0.72	0.59	1.31
1517	DP 1614B2XF	1470	1955	42.9	8	4.29	13.66	3.53	0.66	0.5	1.16
1441	FM 2484B2F	1315	2088	38.7	10.8	4.53	22.02	3.1	0.77	0.62	1.39
1515	Ark 0822-75	1297	2196	37.1	11.2	4.81	22	3.2	0.75	0.6	1.35
1502	PHY 552WRF	1199	1758	40.6	7.9	3.99	14.64	3.25	0.53	0.51	1.03
1514	Ark 0819-84	1190	2020	37.1	11	5.3	21.81	3.33	0.81	0.65	1.45
1474	FM 2322GL	1117	1493	42.8	9.7	4.82	14.2	3.65	0.42	0.29	0.71
1503	FM 1830GLT	1077	1596	40.3	9.9	5.12	13.45	3.38	0.49	0.4	0.89
1523	TAM 11T-08	1042	2131	32.9	.	.	.	.	.	.	.
1524	MD 15-31	1018	1960	34.2	11	4.74	20.18	3.15	0.76	0.57	1.32
1426	Phytogen 725RF	996	1781	35.8	11	4.89	20.69	3.45	0.65	0.53	1.18
1519	FM 1911GLT	995	1618	38.1	13.1	4.47	19.87	3.59	0.65	0.51	1.15
1520	NM 13R1015	986	1601	37.9	9.3	4.29	13.85	3.19	0.5	0.32	0.82
1521	TAM BB-2139	929	1837	33.6	12.3	5.08	19.28	3.08	0.85	0.69	1.54
1522	TAM 11K-13	765	1651	31.6	13.1	4.73	18.87	3.41	0.81	0.54	1.35
.	LSD	330	494	0.8	0.6	0.53	1.3	0.34	0.09	0.07	0.15

vcode	VARIETY	Micro	Maturity	Upper	Uniformity	Short	Elon	Hunters	Yarn			
				Half		Fiber				gation	Plus b	Waste	Tenacity
		naire		Mean	Index	Strength	RD					
1459	PHY 444WRF	3.63	0.84	1.325	86.2	6.1	30.4	7	79.2	7.5	6	86.4
1516	DP 1646B2XF	4.04	0.85	1.315	84.8	6.2	29.6	7.5	77.9	7.1	6	71.3
1501	DP 1555B2RF	4.16	0.85	1.245	85.3	7.7	31.3	7.7	80.2	7.2	6	69.1
1478	PHY 333WRF	4.19	0.85	1.255	85.9	7.5	30.1	7.3	76.7	7.8	6	75.6
1517	DP 1614B2XF	4.95	0.86	1.27	87	6.8	28.7	8.7	76.6	8	7	69.7
1441	FM 2484B2F	4.25	0.86	1.28	84.8	7.2	33	6.7	79.7	7.3	8	75.45

1515	Ark 0822-75	4.41	0.86	1.305	85.7	6.3	31.8	7.9	76.5	7.9	6	74.45
1502	PHY 552WRF	4.01	0.85	1.24	85.5	7.5	32.1	7.1	78.2	7	6	79.55
1514	Ark 0819-84	4.99	0.88	1.32	87.2	5.7	34.6	7	77.2	7.6	10	74.4
1474	FM 2322GL	4.33	0.87	1.27	85.3	7.3	35.1	6.5	77.1	8.1	6	79.85
1503	FM 1830GLT	4.52	0.87	1.29	86.2	6.5	33.2	6.6	80.9	6.4	5	77
1523	TAM 11T-08	.	.	.	.	.	.	.	.	.	.	.
1524	MD 15-31	3.99	0.85	1.28	86	6.5	35.1	7.2	76.1	7.2	6	85.35
1426	Phytogen 725RF	4.03	0.85	1.31	86.8	5.8	33.1	7.5	76.8	8.3	5	75.4
1519	FM 1911GLT	4.09	0.86	1.295	87.2	6.2	33.2	6.9	80	7.3	6	75.4
1520	NM 13R1015	4.44	0.86	1.155	85.7	6.6	33.7	7.4	76.3	7.7	6	89.3
1521	TAM BB-2139	3.29	0.84	1.53	87.1	4.9	34.6	5.8	79.3	7.3	7	94.6
1522	TAM 11K-13	3.35	0.84	1.485	85.7	4.9	34.3	6.1	78.7	8	7	88.85
.	LSD	0.42	0.01	0.061	1.7	1.7	2.2	0.4	1.8	1	3	13.35

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1459	PHY 444WRF	0.99	1.18	17	4.9	1.41	165	4.1	0.97	180	12
1516	DP 1646B2XF	0.92	1.12	20	6.4	1.36	169	4.6	0.95	195	6
1501	DP 1555B2RF	0.92	1.1	17	5.4	1.3	175	3.3	0.98	120	4
1478	PHY 333WRF	0.97	1.13	15	4.7	1.33	177	3.3	0.99	119	12
1517	DP 1614B2XF	0.94	1.1	16.5	5	1.31	187	3.2	0.97	145	13
1441	FM 2484B2F	0.91	1.1	19.5	6.5	1.33	168	4	0.97	206	6
1515	Ark 0822-75	0.91	1.11	20.5	6.5	1.35	178.5	3.9	0.98	136	4
1502	PHY 552WRF	0.93	1.1	17.5	5.4	1.3	165.5	3.8	0.98	188	9
1514	Ark 0819-84	1	1.16	13.5	3.9	1.37	198	2.4	1.03	72	10
1474	FM 2322GL	0.91	1.07	17	5.3	1.27	173	2.3	1.07	121	24
1503	FM 1830GLT	0.98	1.15	13.5	4.1	1.35	176.5	2.5	1.02	121	8
1523	TAM 11T-08	.	.	.	.	.	.	.	.	.	.
1524	MD 15-31	0.87	1.06	21.5	6.9	1.27	173	2.9	1.03	316	10
1426	Phytogen 725RF	0.98	1.14	14.5	4.5	1.36	159.5	3.5	0.97	171	11
1519	FM 1911GLT	1	1.15	12.5	3.7	1.34	163	3.1	0.99	118	13
1520	NM 13R1015	0.85	0.99	17.5	5.9	1.16	179.5	2.6	1.04	153	14

1521	TAM BB-2139	0.98	1.23	21	6	1.52	152	3.1	1.02	236	5
1522	TAM 11K-13	0.91	1.18	26	8.1	1.47	155.5	4.3	1	354	24
.	LSD	0.08	0.06	6.5	2.5	0.05	14	1.4	0.04	138	9

LOCATION=ST. JOSEPH, LA

vcode	VARIETY	Lint Yield (LB/A)	Seed Yield (LB/A)	Lint Percent	Seed Index	Boll Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
1441	FM 2484B2F	1429	1905	42.9	9.9	4.97	17.4	4.18	0.62	0.51	1.13
1524	MD 15-31	1275	1790	41.4	10.2	4.99	17.47	3.89	0.64	0.5	1.14
1501	DP 1555B2RF	1182	1703	41.1	10.2	5.29	18.02	3.94	0.59	0.49	1.07
1503	FM 1830GLT	1177	1627	41.9	9.2	4.69	14.35	3.92	0.55	0.36	0.91
1521	TAM BB-2139	1134	1782	38.8	11.6	5.26	21.84	4.08	0.77	0.51	1.27
1478	PHY 333WRF	1131	1529	42.5	10	5.17	14.27	4.04	0.45	0.38	0.82
1523	TAM 11T-08	1107	1726	38.5	11.6	5.19	19.2	4.1	0.77	0.53	1.3
1519	FM 1911GLT	1089	1535	41.2	10.1	5.15	16.8	4.11	0.58	0.42	0.99
1514	Ark 0819-84	1085	1489	41.9	10	4.94	17.51	4.2	0.57	0.39	0.95
1516	DP 1646B2XF	1069	1848	36.6	12.1	5.59	21.51	4.02	0.76	0.51	1.26
1502	PHY 552WRF	1036	1575	39.2	12.3	5.32	17.3	3.96	0.49	0.46	0.95
1459	PHY 444WRF	957	1501	39.2	11.1	4.97	15.57	4.04	0.65	0.48	1.12
1520	NM 13R1015	950	1734	35.5	12.6	5.71	19.63	3.91	0.72	0.49	1.21
1426	Phytogen 725RF	928	1509	38.1	10.8	5.2	19.62	4.19	0.72	0.54	1.26
1522	TAM 11K-13	916	1604	36.3	11.3	5.07	18.83	3.9	0.58	0.39	0.97
1517	DP 1614B2XF	915	1492	37.8	12.1	5.88	20.55	4.4	0.64	0.45	1.09
1515	Ark 0822-75	900	1668	35.1	12.8	5.46	20.73	4.32	0.62	0.46	1.08
1474	FM 2322GL	837	1472	36.3	11.7	5.14	20.42	3.93	0.65	0.48	1.13
.	LSD	377	458	4.8	2.8	0.87	5.3	0.33	0.24	0.19	0.4

vcode	VARIETY	Micro	Maturity	Upper	Uniformity	Short	Strength	Elon	RD	Hunters	Waste	Yarn
		naire		Half		Fiber		gation		Plus b		Tenacity
		Length		Mean	Index							
1441	FM 2484B2F	4.71	0.87	1.275	87	6	35.8	6.8	81.8	5.9	6	88.65
1524	MD 15-31	4.75	0.87	1.23	87	6.6	32.6	7.8	80.8	7	5	73.8
1501	DP 1555B2RF	4.77	0.86	1.23	85.4	6.7	34.2	8.2	79.3	6.4	6	81.25
1503	FM 1830GLT	4.89	0.87	1.26	85.6	6.8	33.1	8.2	80.8	6.2	6	72.2
1521	TAM BB-2139	5.2	0.87	1.26	86.8	6.1	33.3	8.1	79.1	6.9	6	86.25
1478	PHY 333WRF	4.51	0.86	1.195	86.1	6.8	34.3	8.1	78	6.9	6	77.35
1523	TAM 11T-08	4.85	0.87	1.26	85.8	6.6	33.5	8	79.4	7.3	7	86.7
1519	FM 1911GLT	4.85	0.87	1.2	85.5	7.2	33.6	7.9	78.9	6.1	8	88.85
1514	Ark 0819-84	4.68	0.86	1.205	84.6	7.9	32.9	7.7	80.8	6.1	6	87.9
1516	DP 1646B2XF	4.69	0.86	1.23	85.8	7.2	32.1	8.6	78.5	7.4	8	86.15
1502	PHY 552WRF	4.64	0.87	1.27	85.6	6.5	32.7	6.7	81.3	6	6	85.5
1459	PHY 444WRF	4.69	0.88	1.48	86.9	4.9	36.4	5.7	81.2	6.5	7	82.4
1520	NM 13R1015	4.47	0.87	1.37	86.4	5.1	38.3	6.9	80	7.1	6	91.65
1426	Phytogen 725RF	4.85	0.87	1.335	86.5	6	33.3	7.1	79.7	6.9	8	83.25
1522	TAM 11K-13	5.25	0.88	1.29	87.4	5.8	36.1	7.2	80.4	7.1	6	92.65
1517	DP 1614B2XF	4.38	0.87	1.255	86	6.6	34	6.8	82	5.9	7	82.7
1515	Ark 0822-75	4.8	0.87	1.335	86.3	5.8	35.1	7.2	79.2	7.3	6	83.75
1474	FM 2322GL	4.35	0.86	1.185	86	6.2	37.7	7	78.8	7	6	80.15
.	LSD	0.61	0.02	0.166	2	1.5	3.6	1.8	1.2	0.7	2	15.63

vcode	VARIETY	Length	Length	Short	Short	UQL	Fine	Immature	Maturity	Nep	Seed
				Fiber	Fiber			Content			Coat
		number	weight	Content	Content	Weight	ness	Fiber	Ratio	Count	Number
				Number	Weight			Content			Count
1441	FM 2484B2F	0.96	1.12	15.5	4.6	1.32	181.5	2.5	1.03	107	12
1524	MD 15-31	0.99	1.13	13	3.8	1.31	192	2.5	1.04	84	6
1501	DP 1555B2RF	1.01	1.14	10.5	3	1.31	193.5	1.9	1.04	79	7
1503	FM 1830GLT	0.94	1.1	16	4.9	1.29	193.5	2.7	1.02	116	6
1521	TAM BB-2139	0.97	1.1	12.5	3.9	1.27	202	1.7	1.04	69	6
1478	PHY 333WRF	0.99	1.11	9.5	2.8	1.27	198	1.9	1.05	79	9

1523	TAM 11T-08	1.01	1.17	12.5	3.6	1.36	198	1.8	1.06	68	1
1519	FM 1911GLT	0.95	1.09	13	3.9	1.26	189	2.2	1.04	73	8
1514	Ark 0819-84	0.94	1.1	15.5	4.8	1.29	183	2.5	1.03	137	12
1516	DP 1646B2XF	0.98	1.16	16.5	4.8	1.38	183	2.9	1.02	173	13
1502	PHY 552WRF	0.99	1.13	12.5	3.8	1.33	189	1.9	1.07	79	5
1459	PHY 444WRF	1.04	1.21	12.5	3.6	1.42	185.5	2.2	1.05	135	9
1520	NM 13R1015	1.05	1.19	11.5	3.1	1.4	182	2.2	1.04	82	13
1426	Phytogen 725RF	1.02	1.19	14	4	1.41	180.5	2.6	1.04	127	15
1522	TAM 11K-13	1.07	1.2	9	2.5	1.37	205	1.2	1.08	62	8
1517	DP 1614B2XF	0.98	1.14	13.5	4	1.33	184.5	2.3	1.05	94	6
1515	Ark 0822-75	0.95	1.08	12	3.6	1.25	194.5	2.2	1.04	92	9
1474	FM 2322GL	0.99	1.11	10	3	1.27	188	1.6	1.06	87	15
.	LSD	0.08	0.12	4	1.2	0.17	21.6	0.9	0.02	59	10

LOCATION=STONEVILLE, MS

vcode	VARIETY	Lint	Seed	Lint	Seed	Boll	Nitr	Plus	Minus	Free	
		Yield	Yield			Size					Oil
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)					
1516	DP 1646B2XF	1698	2087	44.9	8.6	4.73	16.84	3.28	0.65	0.59	1.24
1502	PHY 552WRF	1567	1951	44.6	8	4.26	17.59	3.21	0.67	0.6	1.27
1501	DP 1555B2RF	1496	1781	45.6	8.5	4.81	16.23	3.13	0.59	0.6	1.19
1478	PHY 333WRF	1487	1893	44	10	4.82	22.41	3.38	0.8	0.62	1.41
1459	PHY 444WRF	1403	1786	44	10.4	4.87	21.98	3.44	0.53	0.58	1.11
1517	DP 1614B2XF	1366	1710	44.4	8.7	4.46	15.17	3.66	0.78	0.57	1.35
1515	Ark 0822-75	1347	2011	40.1	11.3	5.36	22.4	2.96	0.89	0.64	1.53
1514	Ark 0819-84	1183	1791	39.8	11.6	5.13	22.99	3.19	0.91	0.66	1.56
1503	FM 1830GLT	993	1367	42.1	10.2	4.77	16.14	3.82	0.61	0.45	1.05
1524	MD 15-31	927	1673	35.6	11.9	5.38	22.62	3.38	0.85	0.59	1.43
1441	FM 2484B2F	911	1365	40	11.2	4.45	23.39	3.37	0.8	0.56	1.36
1523	TAM 11T-08	889	1808	32.9	14.6	5.36	23.78	3.33	1.01	0.61	1.61
1521	TAM BB-2139	878	1677	34.4	13.8	5.3	22.22	3.24	1.01	0.77	1.78
1474	FM 2322GL	839	1096	43.4	9.9	4.97	15.32	4.09	0.5	0.32	0.82
1520	NM 13R1015	794	1290	38.1	9.6	4.57	17.91	3.48	0.69	0.42	1.1
1519	FM 1911GLT	779	1201	39.3	13.7	5.09	22.18	3.78	0.72	0.53	1.25

1522	TAM 11K-13	767	1584	32.6	15.1	5.05	21.95	3.56	0.95	0.58	1.53
1426	Phytogen 725RF	659	1106	37.4	11.3	5	21.54	3.33	0.68	0.5	1.18
.	LSD	109	153	0.3	0.2	0.14	1.01	0.25	0.05	0.04	0.09

vcode	VARIETY	Micro naire	Maturity	Upper Half	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
				Mean Length								
1516	DP 1646B2XF	4.88	0.87	1.27	85.9	7.1	31.1	8.3	81.8	7.7	5	78.75
1502	PHY 552WRF	4.64	0.86	1.21	87	6.8	34.8	7.6	81.1	7.8	5	89.7
1501	DP 1555B2RF	4.82	0.87	1.25	85.4	7.1	34.2	8.1	81.6	8.3	6	92.8
1478	PHY 333WRF	4.76	0.87	1.24	86.2	7.2	32.9	7.5	79.2	8.3	8	91.45
1459	PHY 444WRF	4.41	0.86	1.285	87.2	6.5	35.2	7.6	81	7.9	6	81.35
1517	DP 1614B2XF	5.29	0.87	1.255	87.1	6.5	34.5	9.1	80.2	8.9	5	99.25
1515	Ark 0822-75	5.09	0.87	1.255	84.5	7.7	33.6	8.3	78.6	8.9	7	85.15
1514	Ark 0819-84	5.38	0.89	1.275	87.7	5.8	35.8	7.3	79.9	8	3	88.35
1503	FM 1830GLT	4.92	0.88	1.285	87.3	6	35.8	6.5	81.9	7.3	5	87.95
1524	MD 15-31	4.65	0.87	1.26	85.8	6.6	37.6	7.1	80.3	8	6	97.25
1441	FM 2484B2F	4.72	0.87	1.255	86.1	6.9	36.8	6.7	82.8	7.6	5	88.85
1523	TAM 11T-08	4.09	0.86	1.45	88.5	4.9	41	6.8	79.6	8.4	7	97.9
1521	TAM BB-2139	3.73	0.86	1.48	88	4.9	36.4	5.6	81.5	7.7	7	107.9
1474	FM 2322GL	4.55	0.88	1.22	85	7.4	37.8	6.3	80.3	8.1	6	96.2
1520	NM 13R1015	5.11	0.88	1.125	86.2	6.6	32.3	7.1	80	8	6	94.55
1519	FM 1911GLT	4.78	0.87	1.22	85.7	6.9	34.9	6.8	81.4	7.8	6	100.4
1522	TAM 11K-13	4.15	0.86	1.46	87.8	4.9	38.4	6.2	79.7	8.4	8	85.7
1426	Phytogen 725RF	4.67	0.86	1.24	85.7	6.9	36.5	7.9	78	9	7	83.15
.	LSD	0.29	0.01	0.053	2.4	1.7	2.7	0.5	1.9	0.6	3	19.57

vcode	VARIETY	Length	Length	Short	Short	UQL	Fine	Immature	Maturity	Nep	Seed
		number	weight	Fiber	Fiber			Fiber			Coat
				Content	Content	Weight	ness	Content	Ratio	Count	Number
				Number	Weight						Count
1516	DP 1646B2XF	0.95	1.12	17	5.2	1.33	187.5	3	1	113	18
1502	PHY 552WRF	0.92	1.07	16.5	5.1	1.25	185.5	2.9	1.01	92	10
1501	DP 1555B2RF	0.84	1.02	22	7.8	1.24	184.5	3.7	1	124	12
1478	PHY 333WRF	0.9	1.08	20.5	6.5	1.29	190	3.7	1	101	8
1459	PHY 444WRF	0.91	1.1	20	6.5	1.32	176.5	3.9	0.99	115	6
1517	DP 1614B2XF	0.93	1.09	17.5	5.3	1.29	198.5	2.6	1.01	92	8
1515	Ark 0822-75	0.88	1.08	22.5	7.4	1.3	187.5	3.3	1.01	152	23
1514	Ark 0819-84	0.99	1.14	13.5	3.9	1.33	202	1.9	1.06	65	10
1503	FM 1830GLT	1	1.15	12	3.6	1.33	183	1.8	1.05	64	8
1524	MD 15-31	0.95	1.11	14.5	4.6	1.31	177.5	2.4	1.03	96	11
1441	FM 2484B2F	0.95	1.12	15.5	4.6	1.32	186	2.4	1.04	74	8
1523	TAM 11T-08	1.05	1.26	16.5	4.6	1.51	163	3.2	1.01	117	19
1521	TAM BB-2139	1.01	1.23	18.5	5.3	1.5	159.5	3.4	1.01	112	8
1474	FM 2322GL	0.94	1.1	15.5	5	1.31	168	2.6	1.03	106	9
1520	NM 13R1015	0.9	1.03	13	4.4	1.18	182.5	2.2	1.04	87	17
1519	FM 1911GLT	0.94	1.1	15	4.7	1.29	176	2.9	1.01	103	15
1522	TAM 11K-13	0.96	1.21	22.5	6.8	1.49	168.5	4.2	1	191	24
1426	Phytogen 725RF	0.92	1.08	16.5	5.5	1.28	181	3.1	1.02	118	12
.	LSD	0.06	0.05	4	1.6	0.05	5.9	0.8	0.02	40	12

LOCATION=JACKSON, TN

vcode	VARIETY	Lint	Seed	Lint	Seed	Boll	Oil	Nitr	Plus	Minus	Free
		Yield	Yield			Size					
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)					
1501	DP 1555B2RF	2450	2803	46.7	9.1	5.79	15.21	3.71	0.55	0.61	1.15
1478	PHY 333WRF	2421	2726	45.3	10.6	5.86	22.58	3.89	0.81	0.62	1.43
1517	DP 1614B2XF	2389	2850	45.6	8.7	5.57	15.06	3.81	0.82	0.58	1.39
1516	DP 1646B2XF	2379	2638	45.1	9.2	5.25	17.33	3.72	0.65	0.65	1.3
1459	PHY 444WRF	2219	2598	44.8	10.4	5.51	21.42	3.5	0.61	0.73	1.34
1515	Ark 0822-75	2216	3024	42.2	11.2	5.94	21.5	3.59	0.79	0.59	1.37

1502	PHY 552WRF	2139	2511	45	8.3	3.84	18.33	3.96	0.57	0.52	1.09
1514	Ark 0819-84	2033	3019	40.6	11.3	5.84	23.3	3.49	0.93	0.69	1.61
1503	FM 1830GLT	1976	2504	43.2	10.5	5.66	15.94	3.89	0.62	0.49	1.1
1441	FM 2484B2F	1891	2496	42	11	4.89	21.93	3.65	0.81	0.6	1.41
1521	TAM BB-2139	1858	3047	37.7	12.6	6.42	21.57	3.65	1.05	0.8	1.85
1524	MD 15-31	1830	2793	39.5	10.7	5.94	22.76	3.61	0.81	0.68	1.49
1519	FM 1911GLT	1814	2302	42.2	13.7	6.36	21.73	3.95	0.64	0.5	1.14
1474	FM 2322GL	1776	2128	44.3	10.9	5.4	16.82	4.17	0.53	0.36	0.89
1523	TAM 11T-08	1755	3087	35.5	13.1	6.19	24.22	3.57	1.05	0.66	1.7
1520	NM 13R1015	1745	2578	39.7	10.5	4.76	17.27	3.93	0.69	0.45	1.13
1426	Phytogen 725RF	1660	2527	38.8	11.6	5.09	21.14	3.57	0.73	0.56	1.29
1522	TAM 11K-13	1606	2789	35.5	14.4	5.76	22.78	3.89	0.95	0.63	1.58
.	LSD	170	248	0.8	0.8	1.03	1.4	0.35	0.1	0.08	0.18

vcode	VARIETY	Micro naire	Maturity	Upper Half		Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
				Mean Length	Uniformity Index							
1501	DP 1555B2RF	5.06	0.87	1.215	85.4	7.9	32.1	8.1	81.2	7.9	4	86.5
1478	PHY 333WRF	4.86	0.87	1.205	86	7.2	30.6	7.8	77.7	8.4	5	83.5
1517	DP 1614B2XF	5.13	0.86	1.235	86.7	6.7	29.9	9.4	79.1	8.7	4	83.75
1516	DP 1646B2XF	5.01	0.87	1.275	85.1	7.2	28.9	8.4	79.9	7.4	5	82.85
1459	PHY 444WRF	4.38	0.86	1.305	87.2	6.1	31.1	7.6	81.6	8.1	4	84.25
1515	Ark 0822-75	4.87	0.87	1.28	86.3	6.6	31.3	8.3	79.7	8	5	83.75
1502	PHY 552WRF	4.69	0.86	1.205	86.2	6.8	31.8	7.8	80.9	7.1	4	95
1514	Ark 0819-84	5.53	0.88	1.27	88.1	6	35.1	8	77.1	7.7	5	84
1503	FM 1830GLT	4.75	0.87	1.305	87.5	5.8	34.3	6.9	81.2	6.8	4	98.35
1441	FM 2484B2F	4.6	0.87	1.255	85.7	7.1	33.9	7.1	81.7	7.2	5	99.25
1521	TAM BB-2139	4.04	0.86	1.5	87.6	4.9	32.8	5.9	81.4	7.4	2	86
1524	MD 15-31	4.22	0.86	1.335	87.1	5.6	37.6	7	78.5	6.5	8	102.8
1519	FM 1911GLT	4.74	0.87	1.23	85.6	7.2	32.2	7.3	81.6	7.5	5	102.1
1474	FM 2322GL	4.97	0.88	1.26	86.6	6.6	34.4	6.6	79.2	7.5	4	92.85
1523	TAM 11T-08	3.99	0.85	1.425	88.1	4.9	35.9	7.2	80.7	8.2	5	93.45
1520	NM 13R1015	5.22	0.87	1.145	86.3	6.2	31	8	78.3	7.4	8	92.55
1426	Phytogen 725RF	4.6	0.86	1.24	85.3	7.1	34.2	8.5	78.1	8.6	4	87.15

1522	TAM 11K-13	4.26	0.87	1.475	88.1	4.9	35.7	6.4	80	7.5	5	90.9
.	LSD	0.43	0.01	0.062	2	1.6	2.1	0.5	2.1	0.5	2	20.35
				Short Fiber	Short Fiber			Immature			Seed Coat	
vcode	VARIETY	Length number	Length weight	Content Number	Content Weight	UQL Weight	Fine ness	Fiber Content	Maturity Ratio	Nep Count	Number Count	
1501	DP 1555B2RF	0.92	1.08	16	5.3	1.27	185.5	2.5	1.01	100	10	
1478	PHY 333WRF	0.9	1.06	18	5.8	1.26	183.5	3.4	0.98	105	8	
1517	DP 1614B2XF	0.92	1.09	17	5.4	1.29	189	2.9	0.98	102	8	
1516	DP 1646B2XF	0.94	1.11	16.5	5.2	1.32	185.5	2.8	1	96	7	
1459	PHY 444WRF	0.93	1.11	18	5.8	1.34	173	3.7	0.97	201	4	
1515	Ark 0822-75	0.93	1.12	18	5.7	1.34	183	2.8	1	101	6	
1502	PHY 552WRF	0.95	1.09	14	4.3	1.26	176	3	0.99	109	13	
1514	Ark 0819-84	0.98	1.12	13	3.9	1.31	200.5	1.7	1.06	68	6	
1503	FM 1830GLT	1.01	1.16	13.5	3.8	1.36	177	2.3	1.02	77	6	
1441	FM 2484B2F	0.94	1.1	16	5	1.31	173	3	0.99	112	10	
1521	TAM BB-2139	1.07	1.27	14.5	4	1.54	162.5	2.9	1.01	105	5	
1524	MD 15-31	1	1.16	13	3.8	1.36	157	3.3	0.97	87	9	
1519	FM 1911GLT	0.94	1.09	15.5	4.8	1.29	177.5	3	1	96	10	
1474	FM 2322GL	0.97	1.12	13	3.9	1.31	177	1.9	1.04	78	5	
1523	TAM 11T-08	1.05	1.24	14	3.9	1.48	157.5	3.7	0.95	110	10	
1520	NM 13R1015	0.87	1	16	5.6	1.17	185.5	2.6	1.02	174	31	
1426	Phytogen 725RF	0.95	1.1	13.5	4.3	1.3	178.5	2.5	1.01	97	6	
1522	TAM 11K-13	1.04	1.25	16	4.6	1.51	173	3.7	0.99	113	8	
.	LSD	0.06	0.05	4.5	1.8	0.05	8.2	0.9	0.03	76	10	

LOCATION=FLORENCE, SC*

vcode	VARIETY	Lint Yield (LB/A)	Seed Yield (LB/A)	Lint Percent	Seed Index	Boll Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
1516	DP 1646B2XF	381	502	43.1	8.2	4.3	16.54	3.95	0.55	0.41	0.96

1515	Ark 0822-75	365	547	40.1	10.2	4.99	19.62	4.1	0.63	0.4	1.03
1501	DP 1555B2RF	332	415	44.4	8	4.35	14.33	3.95	0.58	0.51	1.08
1522	TAM 11K-13	299	489	37.9	11.8	5.04	20.88	4.09	0.8	0.49	1.29
1478	PHY 333WRF	285	361	43.9	8.9	4.45	18.61	3.93	0.59	0.37	0.96
1523	TAM 11T-08	267	453	37	12.4	5.42	21.17	4.17	0.79	0.44	1.23
1514	Ark 0819-84	262	413	38.6	9.9	4.62	18.59	4.13	0.59	0.4	0.99
1503	FM 1830GLT	260	346	42.9	8.9	4.7	13.58	3.98	0.5	0.31	0.81
1459	PHY 444WRF	255	308	45.4	9.7	4.38	19.49	3.81	0.5	0.52	1.02
1521	TAM BB-2139	239	382	38.3	11.5	5.14	19.6	4.1	0.74	0.49	1.22
1524	MD 15-31	237	418	36	9.9	4.56	19.32	3.83	0.59	0.36	0.95
1502	PHY 552WRF	212	268	44.3	7.9	4.03	17.63	3.9	0.64	0.47	1.11
1520	NM 13R1015	202	337	37.3	9.1	3.71	14.45	4.09	0.5	0.29	0.79
1519	FM 1911GLT	192	279	40.9	11.1	4.94	19.5	3.79	0.61	0.39	1
1441	FM 2484B2F	187	280	39.7	9.2	3.6	20.31	3.84	0.67	0.39	1.06
1517	DP 1614B2XF	169	224	42.8	7.8	4.54	13.37	4.17	0.56	0.34	0.9
1426	Phytogen 725RF	126	218	36.3	9.3	4.74	18.64	3.92	0.5	0.33	0.83
1474	FM 2322GL	124	162	43.3	9.3	4.89	15.35	4.23	0.49	0.3	0.78
.	LSD	112	153	1.7	0.5	0.59	1.45	0.38	0.11	0.06	0.17

*The low yield at the Florence, SC location was mostly due to an unusually active hurricane season in 2016.

vcode	VARIETY	Micro naire	Maturity	Upper Half	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
				Mean Length								
1516	DP 1646B2XF	3.97	0.84	1.215	80.9	8.9	31.8	8.3	74.7	7.2	8	88.5
1515	Ark 0822-75	4.32	0.85	1.175	83.1	7.8	32.4	8.7	74.6	7.9	7	85.4
1501	DP 1555B2RF	4.32	0.85	1.07	81.7	9	31.1	8.2	73.9	7.7	7	82.4
1522	TAM 11K-13	4.12	0.86	1.335	85.3	5.1	37	6.4	75.1	7.6	8	94.5
1478	PHY 333WRF	4.01	0.85	1.11	82.9	8.8	28.6	7.3	72	9.1	8	78.3
1523	TAM 11T-08	3.86	0.85	1.315	84.9	5.5	38.3	7.5	74.5	8.2	10	93.55
1514	Ark 0819-84	4.57	0.87	1.16	85	7.3	32.5	7.5	72.9	8.4	8	88.65
1503	FM 1830GLT	3.96	0.85	1.185	83.7	7.8	32.8	7.1	74.2	7.2	11	79.6
1459	PHY 444WRF	4.29	0.85	1.115	83.7	8.8	33.2	8.4	75.4	7.9	8	85.45

1521	TAM BB-2139	3.84	0.86	1.36	84.6	5.1	35.4	5.8	74.1	7.9	8	99.25
1524	MD 15-31	3.9	0.85	1.14	82.9	7.6	35.4	7.5	72.1	7.8	8	96.35
1502	PHY 552WRF	4.57	0.86	1.085	82.7	8.6	32.9	8.2	74.9	7.8	7	88.9
1520	NM 13R1015	4.17	0.85	1.075	83.6	7.6	35.3	7.4	73.9	8.1	8	95.95
1519	FM 1911GLT	4.33	0.86	1.11	83.2	8.2	30.3	6.7	74.5	7.6	6	77.55
1441	FM 2484B2F	4.01	0.85	1.08	80.8	10.4	29.1	6.5	76.2	6.3	8	93.45
1517	DP 1614B2XF	4.64	0.86	1.11	82.9	8.5	29.8	8.7	72.4	8	6	85.5
1426	Phytogen 725RF	3.95	0.85	1.08	82.6	8.8	33.2	7.7	72.1	8.4	7	89.75
1474	FM 2322GL	4.36	0.87	1.105	82.6	7.8	32.1	6.2	72.9	7.9	7	88.3
.	LSD	0.37	0.01	0.066	2.9	2.1	4	0.8	2.4	1	3	19.02

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1516	DP 1646B2XF	0.82	1.02	25	8.9	1.24	167	4.8	0.94	206	13
1515	Ark 0822-75	0.84	1.02	22	7.6	1.23	181.5	3.5	0.99	135	10
1501	DP 1555B2RF	0.78	0.94	23.5	8.9	1.13	179.5	3.6	0.98	135	4
1522	TAM 11K-13	0.9	1.12	23	7.4	1.37	166.5	4.3	0.99	193	14
1478	PHY 333WRF	0.81	0.98	22.5	8.2	1.17	176.5	4.3	0.96	163	11
1523	TAM 11T-08	0.89	1.1	22	7.3	1.34	166	4.2	0.98	269	26
1514	Ark 0819-84	0.86	1.02	18	5.9	1.2	191.5	2.9	1.01	130	13
1503	FM 1830GLT	0.85	1.04	22	7.5	1.24	167	4.3	0.97	189	9
1459	PHY 444WRF	0.79	0.96	24	8.8	1.16	177	4	0.98	181	9
1521	TAM BB-2139	0.88	1.11	23.5	7.8	1.36	158	4.5	0.98	270	13
1524	MD 15-31	0.87	1.02	16	5.6	1.19	167	3.5	0.98	149	8
1502	PHY 552WRF	0.82	0.96	18	6.3	1.12	185	2.7	1.01	140	8
1520	NM 13R1015	0.81	0.95	19	7	1.11	170	3.5	0.98	230	14
1519	FM 1911GLT	0.8	0.95	21.5	7.8	1.14	177.5	4	1	212	8
1441	FM 2484B2F	0.77	0.94	24.5	4.4	1.14	172	4	0.98	214	21
1517	DP 1614B2XF	0.8	0.95	21.5	7.8	1.14	187	3.7	0.97	144	8
1426	Phytogen 725RF	0.8	0.96	22	8.2	1.15	168.5	3.8	0.98	199	13
1474	FM 2322GL	0.8	0.96	20.5	7.6	1.14	167	3.7	0.99	150	13
.	LSD	0.05	0.04	3.9	3.3	0.05	6.6	1.2	0.03	92	13

LOCATION=PORTAGEVILLE, MO

vcode	VARIETY	Lint	Seed	Boll			Nitr	Plus	Minus	Free	
		Yield	Yield	Lint	Seed	Size					
		(LB/A)	(LB/A)	Percent	Index	(G/Boll)	Oil	ogen	Gossypol	Gossypol	Gossypol
1459	PHY 444WRF	1709	2530	39	11	.	18.06	3.8	0.58	0.62	1.2
1516	DP 1646B2XF	1703	2343	38.5	9	.	15	3.77	0.58	0.53	1.11
1515	Ark 0822-75	1601	2953	35.5	12	.	19.83	3.42	0.74	0.56	1.3
1502	PHY 552WRF	1455	2165	38.2	8	.	15.32	3.79	0.57	0.48	1.04
1514	Ark 0819-84	1279	2656	33.3	11	.	18.94	3.58	0.78	0.59	1.36
1441	FM 2484B2F	1275	2143	37.2	11	.	20.26	3.45	0.77	0.59	1.36
1503	FM 1830GLT	1219	1814	37.6	10	.	14.43	3.89	0.52	0.4	0.92
1501	DP 1555B2RF	1111	1580	40.1	10	.	13.05	3.71	0.52	0.5	1.01
1519	FM 1911GLT	1080	1803	37.2	13	.	19.61	3.9	0.68	0.52	1.2
1426	Phytogen 725RF	1074	2101	33	11	.	18.84	3.64	0.59	0.46	1.05
1517	DP 1614B2XF	1041	1793	39.4	8	.	13.19	3.82	0.68	0.48	1.15
1524	MD 15-31	1018	2090	31	12	.	19.82	3.84	0.67	0.49	1.15
1523	TAM 11T-08	959	2412	28.7	14	.	20.25	3.75	0.81	0.55	1.36
1521	TAM BB-2139	929	2254	29	14	.	18.76	3.7	0.84	0.64	1.48
1520	NM 13R1015	896	1714	33.6	10	.	15.13	3.69	0.61	0.4	1.01
1474	FM 2322GL	888	1431	38.3	10	.	14.28	4.13	0.48	0.34	0.82
1522	TAM 11K-13	869	1814	29.9	16	.	18.86	3.77	0.82	0.55	1.37
.	LSD	223	446	3.4	1.8	.	1.93	0.31	0.06	0.04	0.1

vcode	VARIETY	Micro	Maturity	Upper	Uniformity	Short	Strength	Elon	RD	Hunters	Waste	Yarn
				Half		Fiber		gation		Plus b		Tenacity
		naire		Mean	Index							
1459	PHY 444WRF	3.74	0.85	Length	85.3	6.8	34.2	6.5	79.1	8	8	85.65
1516	DP 1646B2XF	3.87	0.85		84.4	5.8	31.9	6.7	79.6	7.6	6	86.8
1515	Ark 0822-75	4.13	0.86		85.4	6.9	33.5	6.7	80.1	7.9	7	85.8
1502	PHY 552WRF	3.69	0.85		83.9	8.1	34.1	6.5	78.2	7.5	5	78.8
1514	Ark 0819-84	4.49	0.87		85.9	5.3	36	6.2	77.3	7.3	6	94.4

1441	FM 2484B2F	4.11	0.86	1.255	85.4	7.2	33.9	5.8	79.7	6.9	7	89.7
1503	FM 1830GLT	4.2	0.87	1.275	84.9	6.8	34.7	5.8	80.6	7	6	84.1
1501	DP 1555B2RF	3.79	0.85	1.235	84.3	7.6	34.7	7	78.4	8.2	7	76.65
1519	FM 1911GLT	4.02	0.86	1.235	84.3	7.6	32.7	6.1	79.6	7.1	10	77.8
1426	Phytogen 725RF	4.02	0.86	1.275	84.9	6.6	36.8	7.1	76.1	8.1	4	78.3
1517	DP 1614B2XF	4.24	0.86	1.255	84.5	7.7	31.5	7.5	76.9	8.4	7	70.75
1524	MD 15-31	3.87	0.86	1.285	84.9	6.3	37.5	6.2	76.5	7.4	7	94.3
1523	TAM 11T-08	3.54	0.85	1.425	85	4.9	39.1	6.1	77.4	8.1	6	100.1
1521	TAM BB-2139	3.33	0.85	1.49	85	4.9	37.1	4.9	77.8	7.3	7	91.55
1520	NM 13R1015	4.35	0.86	1.195	85.2	6.7	33.5	6.6	75.8	7.6	5	77.1
1474	FM 2322GL	3.74	0.86	1.255	83.8	7.2	36.9	5.7	77.1	7.6	9	78.55
1522	TAM 11K-13	3.74	0.86	1.42	84.6	5	37.5	5.5	76.6	7.8	7	87.15
.	LSD	0.37	0.01	0.045	1.6	1	2.4	0.5	1.7	0.4	4	17.52

vcode	VARIETY	Length number	Length weight	Short Fiber	Short Fiber	UQL Weight	Fine ness	Immature	Maturity Ratio	Nep Count	Seed Coat
				Content Number	Content Weight			Fiber Content			Number Count
1459	PHY 444WRF	0.96	1.14	18	5.4	1.37	174.5	3.8	1	218	15
1516	DP 1646B2XF	0.97	1.15	17	5.1	1.38	175	3.7	1.01	210	20
1515	Ark 0822-75	0.96	1.14	17.5	5.3	1.36	185.5	3.4	1.03	190	19
1502	PHY 552WRF	0.91	1.1	19.5	6.1	1.3	171	4	1	245	22
1514	Ark 0819-84	1.02	1.2	14.5	4.1	1.41	188.5	2.7	1.04	165	16
1441	FM 2484B2F	0.95	1.12	16	4.9	1.32	177.5	3.3	1.03	193	17
1503	FM 1830GLT	0.97	1.15	15.5	4.7	1.36	175	3	1.03	172	17
1501	DP 1555B2RF	0.92	1.1	18.5	6	1.31	174	3.9	1	263	38
1519	FM 1911GLT	0.92	1.09	16.5	5.3	1.29	169.5	3.7	1	226	19
1426	Phytogen 725RF	0.97	1.13	14.5	4.2	1.34	178	3	1.04	213	29
1517	DP 1614B2XF	0.95	1.12	16.5	5	1.32	186	3.5	1.01	213	25
1524	MD 15-31	0.97	1.14	15	4.5	1.34	171.5	2.6	1.04	197	21
1523	TAM 11T-08	1.01	1.24	18.5	5.2	1.5	168	3.5	1.02	317	39
1521	TAM BB-2139	1.02	1.26	19.5	5.4	1.56	158.5	4.1	1.01	324	26
1520	NM 13R1015	0.94	1.07	13.5	4.3	1.24	181	2.8	1.03	217	37
1474	FM 2322GL	0.91	1.1	19.5	6.4	1.32	159	4	1	315	33
1522	TAM 11K-13	1	1.23	20.5	5.9	1.51	170.5	3.8	1.02	296	32
.	LSD	0.03	0.03	2.6	0.9	0.04	7.8	0.7	0.02	62	13

1521	TAM BB-2139	.	.	.	.	.	.	.	.	.	.
1523	TAM 11T-08	.	.	.	.	.	.	.	.	.	.
1426	Phytogen 725RF	.	.	.	.	.	.	.	.	.	.
1524	MD 15-31	.	.	.	.	.	.	.	.	.	.
1520	NM 13R1015	.	.	.	.	.	.	.	.	.	.
.	LSD	.	.	.	.	.	.	.	.	.	.

LOCATION=KEISER, AR

vcode	VARIETY	Lint Yield (LB/A)	Seed Yield (LB/A)	Lint Percent	Seed Index	Boll Size (G/Boll)	Oil	Nitr ogen	Plus Gossypol	Minus Gossypol	Free Gossypol
1502	PHY 552WRF	1433	1740	44.3	8.2	3.79	15.23	3.59	0.59	0.52	1.11
1459	PHY 444WRF	1400	1766	44.7	11.3	4.02	21.26	3.6	0.49	0.57	1.06
1478	PHY 333WRF	1363	1669	44.1	10.3	4.33	20.84	3.96	0.55	0.43	0.98
1516	DP 1646B2XF	1315	1627	44.5	8.8	4.2	17.4	3.8	0.53	0.53	1.06
1501	DP 1555B2RF	1191	1425	44.8	8.9	4.41	14.44	3.91	0.43	0.46	0.89
1503	FM 1830GLT	1130	1480	43.3	10.4	4.3	14.97	4.04	0.48	0.37	0.85
1441	FM 2484B2F	1126	1705	41.5	11.1	4.13	22.43	3.68	0.72	0.54	1.26
1514	Ark 0819-84	999	1540	39	11.5	4.41	22.35	3.93	0.67	0.52	1.19
1517	DP 1614B2XF	986	1194	44.1	8.5	4.32	14.64	4.17	0.65	0.46	1.1
1515	Ark 0822-75	982	1409	39.9	11.9	4.32	22.29	3.88	0.67	0.51	1.18
1519	FM 1911GLT	871	1236	41.3	13.2	5.47	20.83	3.92	0.61	0.47	1.08
1524	MD 15-31	842	1428	37.3	12	4.35	20.55	3.77	0.65	0.54	1.19
1520	NM 13R1015	813	1230	37.1	10.1	3.8	16.21	3.9	0.53	0.35	0.88
1521	TAM BB-2139	726	1223	34.9	13.5	5.26	21.79	3.91	0.83	0.64	1.47
1523	TAM 11T-08	720	1252	34.7	14.9	5.72	23.28	3.76	0.94	0.61	1.55
1522	TAM 11K-13	655	1108	33.5	13.8	4.57	20.72	4.09	0.87	0.57	1.44
1426	Phytogen 725RF	596	1029	37.4	11.4	4.86	21.93	3.79	0.56	0.45	1
1474	FM 2322GL	565	634	44	10.5	4.56	15.58	3.64	0.44	0.29	0.73
.	LSD	151	339	1.2	0.8	0.96	1.35	0.31	0.07	0.06	0.13

vcode	VARIETY	Micro	Maturity	Upper	Uniformity	Short	Strength	Elon	RD	Hunters	Waste	Yarn
		naire		Half		Fiber		gation		Plus b		Tenacity
		Length		Mean	Index							
1502	PHY 552WRF	4.1	0.85	1.245	86.5	6.7	34.8	7.1	80.3	7.3	5	103.3
1459	PHY 444WRF	4.37	0.86	1.295	86.6	6	33	7.1	80.2	7.7	5	79.25
1478	PHY 333WRF	4.55	0.87	1.235	85.3	7.7	34	6.8	77.9	7.3	7	89.65
1516	DP 1646B2XF	4.64	0.86	1.285	85.4	6	30.5	7.6	81.6	6.8	5	81.8
1501	DP 1555B2RF	4.57	0.87	1.245	85.6	7	34.3	7.3	81.5	7.6	6	91.9
1503	FM 1830GLT	4.81	0.88	1.295	86.3	6.2	33.7	6.4	81.2	6.5	4	87.2
1441	FM 2484B2F	4.62	0.87	1.265	85.6	7	35	6.5	79.6	6.6	7	97
1514	Ark 0819-84	5.4	0.89	1.285	86.2	6	37.1	6.5	77.8	7.8	4	97.15
1517	DP 1614B2XF	4.98	0.87	1.23	85.8	7.2	31.5	8.6	78.4	7.9	6	84.7
1515	Ark 0822-75	5.11	0.87	1.29	85.9	6.2	33.7	7.8	78.2	7.6	6	89
1519	FM 1911GLT	4.87	0.88	1.225	85.8	6.9	33.7	6.6	81	6.9	6	85.5
1524	MD 15-31	4.01	0.86	1.36	87.5	5.1	45	6.6	76.2	6.1	9	119.6
1520	NM 13R1015	4.49	0.87	1.185	86	6.2	34.4	7	75.3	7.4	9	83.65
1521	TAM BB-2139	3.98	0.86	1.515	86.8	4.9	35.1	5.4	79	6.5	6	106.7
1523	TAM 11T-08	4.37	0.87	1.435	88.5	4.9	39.8	6.9	77.5	7.6	14	96.2
1522	TAM 11K-13	4.25	0.87	1.49	87.8	4.9	37.6	6.1	77.5	7.5	6	109.7
1426	Phytogen 725RF	4.52	0.86	1.295	86.4	5.7	36.8	7.5	77.9	7.7	6	88.15
1474	FM 2322GL	4.88	0.88	1.245	85.1	7	35.8	6	77.7	7.2	7	97.3
.	LSD	0.39	0.01	0.039	1.7	0.9	2.4	0.4	2.4	0.8	7	15.15

vcode	VARIETY	Length	Length	Short	Short	UQL	Fine	Immature	Maturity	Nep	Seed
		number	weight	Fiber	Fiber			Content		Count	Coat
		Number	Weight	Content	Content	Weight	ness		Ratio		Number
1502	PHY 552WRF	0.97	1.11	13.5	4.2	1.3	174	2.7	1.01	122	8
1459	PHY 444WRF	0.96	1.13	16	5	1.35	179	3.1	1	153	9
1478	PHY 333WRF	0.93	1.09	17	5.3	1.29	184.5	3	1.02	127	14
1516	DP 1646B2XF	0.98	1.16	15	4.4	1.36	182	3.8	1.01	95	11
1501	DP 1555B2RF	0.98	1.13	13.5	3.9	1.33	185	2.2	1.03	89	13
1503	FM 1830GLT	0.99	1.15	13.5	4	1.34	186.5	2.3	1.04	91	15
1441	FM 2484B2F	0.94	1.1	15.5	4.9	1.3	181.5	2.4	1.05	113	12

1514	Ark 0819-84	1.06	1.19	10	2.8	1.38	208.5	1.3	1.09	64	7
1517	DP 1614B2XF	0.96	1.12	14.5	4.3	1.31	191.5	2.2	1.01	132	14
1515	Ark 0822-75	1	1.17	15.5	4.5	1.39	191.5	2.1	1.05	100	7
1519	FM 1911GLT	0.96	1.12	15.5	4.6	1.32	184.5	2.8	1.02	114	15
1524	MD 15-31	1.02	1.19	14	4	1.4	169	2.8	1.03	148	24
1520	NM 13R1015	0.94	1.07	11.5	3.7	1.24	181.5	2.4	1.02	109	24
1521	TAM BB-2139	1.06	1.3	17.5	4.7	1.57	168.5	3.2	1.03	157	9
1523	TAM 11T-08	1.06	1.25	14.5	4.1	1.49	181	2.5	1.04	143	13
1522	TAM 11K-13	1.09	1.3	16	4.3	1.56	175	3.1	1.03	202	25
1426	Phytogen 725RF	1.02	1.17	11.5	3.4	1.37	185	1.6	1.06	96	10
1474	FM 2322GL	0.93	1.1	17	5.3	1.32	174	3	1.03	96	13
.	LSD	0.07	0.06	3.8	1.3	0.06	10.4	1.5	0.03	72	10



2016 National Cotton Variety Test

Crop Genetics Research Unit
P O Box 345
Stoneville, MS 38776

(662) 686-3080
(662) 686-3079 (Fax)



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

BLACKLANDS REGION

*******Beginning with 2015, Eurofins' readings are reported as Dry Matter Basis.*******

The Blacklands test was not conducted in 2016.



United States Department of Agriculture

**Agricultural Research Service
Southeast Area
Crop Genetics Research Unit
National Cotton Variety Test Program
P O Box 345
Stoneville, MS 38776
(662) 686-3080
Fax (662) 686-3079**

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