2015 National Cotton Variety Test

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National Cotton Variety Tests, 2015
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, 2015.

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

Issued April, 2017.

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

Location Index

Acknowledgements

Joint Cotton Breeding Policy Committee

National Cotton Variety Testing Committee

National Cotton Variety Test Archive Files

Introduction and Explanations

Regional Tests and Participating Stations

Reporting Variations and Errata

Varieties Tested in 2015

TEST RESULTS

Eastern Regional Cotton Variety Test
Delta Regional Cotton Variety Test
Central Regional Cotton Variety Test
Blackland Regional Cotton Variety Test
Plains Regional Cotton Variety Test
Western Regional Cotton Variety Test
High Quality Regional Cotton Variety Test
Pima Regional Cotton Variety Test

TEST LOCATIONS

BEEVILLE, TX
CHILLICOTHE, TX (IRR)
COLLEGE STATION, TX
COMMERCE, TX
CORCORAN, CA
FLORENCE, SC
GRIFFIN, GA
JACKSON, TN
KEISER, AR
LAMESA, TX (DRY)
LAS CRUCES, NM
LUBBOCK, TX
PECOS, TX (IRR)
PORTAGEVILLE, MO
ROCKY MOUTN, NC
SAINT JOSEPH, LA
STARKVILLE, MS
STONEVILLE, MS
SUFFOLK, VA
THRALL, TX
WESLACO, TX

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Arkansas -- F. M. Bourland
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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

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(As of April 2017)

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National Cotton Variety Test Archive File

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

Cottonseed Quality Archive File	1977 - 2015
Yield Archive File	1960 - 2015
Fiber Quality Archive File	1960 - 2015
Pima Combed Yarn Archive File	1962 - 2015

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

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

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INTRODUCTION

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

National standard varieties are chosen for a 3-year testing cycle. For the 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
  - Delta Substation — Clarkedale, AR
- Mississippi Agricultural and Forestry Experiment Station
  - Delta Branch — Stoneville, MS
- Louisiana Agricultural Experiment Station
  - Northeast Louisiana Experiment Station — St. Joseph, LA

Central Regional Cotton Variety Test (Upland Varieties)

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

Blackland Regional Cotton Variety Test (Upland Varieties)

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

Plains Regional Cotton Variety Test (Upland Varieties)

Oklahoma Agricultural Experiment Station
- Cotton Research Station
  - Irrigated Test — Chickasha, OK
  - Dryland Test — Chickasha, OK
- Irrigation Experiment Station — Altus, OK

Southwest Agronomy Research Station
- Dryland Test — Tipton, OK

Texas A&M University
- Agricultural Research and Extension Center (Lubbock)
  - Irrigated Test — Lubbock, TX
  - Off-Station (Dryland Test) — Lamesa, TX

Western Regional Cotton Variety Test (Upland Varieties)

New Mexico Agricultural Experiment Station
- Main Station — Las Cruces, NM
- Southeastern Branch Station — Artesia, NM

Texas A&M University
- Agricultural Research Center — Pecos, TX

High Quality Regional Cotton Variety Test

Arkansas Agricultural Experiment Station
- Delta Substation — Keiser, AR; Portageville, MO

Clemson University
- Pee Dee Experiment Station — Florence, SC

Georgia Agricultural Experiment Station

Louisiana Agricultural Experiment Station
- Red River Valley Experiment Station — Bossier City, LA

Mississippi Agricultural and Forestry Experiment Station

Delta Branch	Stoneville, MS
Texas A&M University	
Texas Agricultual Experiment Station	College Station, TX
Agricultural Research and Extension Center	Lubbock, TX

Pima Regional Cotton Variety Test

Arizona Agricultural Experiment Station	
Cotton Research Center	Maricopa, AZ
Agricultural Research and Extension Center	El Paso, TX

Combed-Yarn Test (American Pima Varieties)**

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

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

EXPLANATIONS AND DEFINITIONS

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

(LINT YIELD/ACRE) X ((100-LINT%) / 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 180øF for 4 hours. At the end of 4 hours drying, the kernels were immediately placed in moisture-proof containers and cooled. In proceeding with the HPLC Method every effort was made to prevent the kernels from regaining moisture. 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 2012, 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.

VARIETIES TESTED IN 2015

Variety Code	Variety Name	Tested in
1438	ALL-TEX NITRO 44B2RF	Plains, Central, & Blacklands
1498	Ark 0606-50	Regional High Quality
1499	Ark 0701-4	Regional High Quality
1500	Ark 0703-10	Regional High Quality
1495	Croplan 3787B2RF	Central & Blacklands
1412	DP 0912B2RF	National Standard (Excluded in RHQ & Pima)
1427	DP 1044B2RF	Plains, Central, & Blacklands
1436	DP 1219B2RF	Central & Blacklands
1457	DP 1321B2RF	Delta & RHQ
1473	DP 1359B2RF	Western
1482	DP 1410B2RF	Regional High Quality
1510	DP 1538B2XF	Eastern
1507	DP 1553B2XF	Eastern
1501	DP 1555B2RF	Eastern & Regional High Quality
1509	DP 1558NRB2RF	Eastern
1513	DP 348RF	Pima
1471	DP 358RF	Pima
1503	FM 1830GLT	Regional High Quality
1475	FM 2011GT	Plains
1474	FM 2322GL	Western & RHQ
1483	FM 2334GLT	Regional High Quality
1441	FM 2484B2F	National Standard (Excluded in Pima)
1504	LA 11309134	Regional High Quality
1506	MD 87	Regional High Quality
1443	MD10-5	Regional High Quality
1465	NG 1511B2RF	Plains, Central, Delta, & Blacklands
1505	NM 13P1088	Regional High Quality
1497	PHY 312WRF	Eastern
1478	PHY 333WRF	Eastern
1469	PHY 339WRF	Delta
1459	PHY 444WRF	Eastern & Regional High Quality
1404	PHY 499WRF	National Standard (Excluded in RHQ & Pima)

1502	PHY 552WRF	Eastern & Regional High Quality
1361	PHY 755WRF	Western
1432	PHY 805	Pima
1472	PHY 811RF	Pima
1426	Phytogen 725RF	National Standard (Excluded in Pima)
1476	ST 4747GLB2	Eastern
1468	ST 4946GLB2	Plains, Eastern, & Delta
1512	ST 5115GLT	Eastern
1477	ST 5289GLT	Delta
1511	ST 6182GLT	Eastern
1461	ST 6448GLB2	Delta & Regional High Quality

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PLAINS

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

2015 NATIONAL COTTON VARIETY TEST
OVERALL SUMMARIES FOR PLAINS BY VARIETIES

COMBINING ALL SUB-REGIONS -- PLAINS

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1468	ST 4946GLB2	1073	1555	40.1	7.1	5.84	20.45	3.57	0.67	0.43	1.09
1475	FM 2011GT	1068	1507	40.8	7.2	5.82	21.44	3.6	0.52	0.41	0.92
1412	DP 0912B2RF	1040	1578	40	7.8	4.53	20.12	3.61	0.64	0.44	1.08
1465	NG 1511B2RF	1025	1397	42.3	8.9	5.11	19.73	3.67	0.69	0.49	1.18
1438	ALL-TEX NITRO 44B2RF	945	1449	38.9	7.1	5.1	21.71	3.78	0.62	0.41	1.02
1441	FM 2484B2F	926	1374	40.5	6.1	4.74	21.98	3.66	0.64	0.41	1.04
1404	PHY 499WRF	896	1358	40.5	7.5	4.14	19.63	3.79	0.6	0.41	0.99
1427	DP 1044B2RF	871	1428	39.3	8.9	5.02	20.95	3.48	0.7	0.41	1.11
1426	Phytogen 725RF	801	1300	37.9	6.5	5.38	21.16	3.76	0.52	0.39	0.91

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1468	ST 4946GLB2	4.84	0.86	1.133	84	7.5	32.7	8.3	78.6	8.9	5	86.53
1475	FM 2011GT	4.45	0.86	1.132	83.3	7.8	31.9	6.8	80.3	8.3	6	80.93
1412	DP 0912B2RF	5.04	0.87	1.088	82.8	8.4	30	8	77.8	8.9	5	71.7
1465	NG 1511B2RF	4.84	0.86	1.112	83.2	8.1	31.6	8.9	78.6	8.9	5	76.84
1438	ALL-TEX NITRO 44B2RF	4.31	0.85	1.179	84.2	7.1	34.1	8	78.5	8.2	6	84.47
1441	FM 2484B2F	4.35	0.86	1.178	83.6	7.6	33.2	7	81.2	7.9	6	83.27
1404	PHY 499WRF	4.69	0.86	1.14	84	7.4	33.4	8.6	78.3	8.8	6	79.06
1427	DP 1044B2RF	4.69	0.86	1.131	83.2	7.9	31.6	8.6	79.3	8.7	7	74.42
1426	Phytogen 725RF	4.55	0.86	1.176	83.6	7.3	35.2	8.3	77.6	8.9	7	83.6

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
1468	ST 4946GLB2	0.89	0.97	14.3	4.8	1.18	195.3	2.9	1.01	139	5
1475	FM 2011GT	0.84	0.97	18.3	6.5	1.17	176.3	4.1	0.99	187	6
1412	DP 0912B2RF	0.83	0.9	16.8	6	1.11	200.5	2.8	1.01	144	7
1465	NG 1511B2RF	0.86	0.95	15.7	5.5	1.16	194.3	3.2	1	150	6
1438	ALL-TEX NITRO 44B2RF	0.92	1.02	14.3	4.6	1.24	179.7	3.4	0.99	180	7
1441	FM 2484B2F	0.89	1	16.3	5.5	1.23	179.3	3.4	1	176	5
1404	PHY 499WRF	0.88	0.97	15.3	5	1.18	189.7	3	1	150	9
1427	DP 1044B2RF	0.87	0.98	17.2	5.8	1.2	191.3	3.8	0.97	166	5
1426	Phytogen 725RF	0.91	1	14.5	4.8	1.23	183.8	2.7	1.02	183	8

PLAINS SUB-REGION 11 ONLY

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1475	FM 2011GT	908	1479	38.7	10.3	5.65	21.19	3.63	0.49	0.39	0.87
1468	ST 4946GLB2	903	1470	39	10	5.73	20.2	3.48	0.65	0.42	1.06
1465	NG 1511B2RF	844	1298	40.9	8.5	5.03	19.88	3.6	0.65	0.46	1.11
1412	DP 0912B2RF	815	1408	38.5	9.1	4.55	20.34	3.57	0.64	0.45	1.08
1438	ALL-TEX NITRO 44B2RF	801	1346	37.7	10.2	4.85	21.23	3.71	0.62	0.41	1.02
1404	PHY 499WRF	786	1378	38.4	9.1	3.63	19.65	3.8	0.57	0.4	0.96
1427	DP 1044B2RF	775	1496	37.8	8.6	4.78	21.19	3.44	0.7	0.39	1.09
1441	FM 2484B2F	764	1269	39	9	4.4	21.79	3.58	0.62	0.38	1
1426	Phytogen 725RF	654	1111	37.5	9.4	5.3	21.24	3.78	0.49	0.37	0.86
.	LSD	101	415	3.4	0.6	1.51	2.69	0.21	0.07	0.08	0.14

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1475	FM 2011GT	4.17	0.86	1.128	82.6	8.5	32	6.7	80	8.4	6	83.78

1468	ST 4946GLB2	4.65	0.86	1.127	83.4	8	32.3	8	78.2	9.2	5	84.68
1465	NG 1511B2RF	4.61	0.85	1.111	82.3	8.9	31.7	8.5	78.4	9.1	6	77.7
1412	DP 0912B2RF	4.93	0.87	1.097	82.6	8.7	30	7.9	77.9	9	6	73.31
1438	ALL-TEX NITRO 44B2RF	4.2	0.85	1.178	83.3	7.8	34.1	7.7	78.8	8.4	6	83.46
1404	PHY 499WRF	4.51	0.86	1.145	83.4	7.8	33	8.3	77.7	9	6	81.06
1427	DP 1044B2RF	4.5	0.85	1.133	82.7	8.6	31.6	8.5	78.9	8.9	6	71.97
1441	FM 2484B2F	4.19	0.86	1.164	82.7	8.2	32.8	7	80.7	8.2	6	81.79
1426	Phytogen 725RF	4.45	0.86	1.163	82.6	7.9	34.6	8.1	77.4	9.1	5	82.84
.	LSD	0.5	0.01	0.04	0.8	0.9	1.4	1.1	1.7	0.7	1	13.68

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1475	FM 2011GT	0.81	0.95	21.5	7.8	1.16	165.5	5.3	0.95	244	7
1468	ST 4946GLB2	0.88	0.95	15.5	5.2	1.19	184	3.7	0.97	182	6
1465	NG 1511B2RF	0.85	0.95	17.3	6.2	1.17	182.5	4	0.96	189	7
1412	DP 0912B2RF	0.83	0.9	17.5	6.2	1.12	193.8	3.2	0.99	173	9
1438	ALL-TEX NITRO 44B2RF	0.92	1.03	15.3	4.9	1.25	171.5	4.2	0.96	233	7
1404	PHY 499WRF	0.86	0.95	17.5	5.8	1.18	180.8	3.7	0.97	190	12
1427	DP 1044B2RF	0.86	0.98	18.8	6.5	1.2	181	4.8	0.93	211	6
1441	FM 2484B2F	0.86	0.98	18.8	6.4	1.21	171.5	4.2	0.97	225	5
1426	Phytogen 725RF	0.88	0.98	16.5	5.6	1.22	176.8	3.5	0.99	233	10
.	LSD	0.04	0.07	3.1	1.3	0.07	12.5	1.1	0.03	48	3

PLAINS SUB-REGION 12 ONLY

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1412	DP 0912B2RF	1492	1919	43	5.2	4.49	19.7	3.68	0.64	0.44	1.08
1468	ST 4946GLB2	1411	1725	42.2	1.2	6.07	20.94	3.75	0.7	0.45	1.14
1475	FM 2011GT	1387	1564	45.1	1.1	6.15	21.94	3.53	0.57	0.45	1.02
1465	NG 1511B2RF	1387	1596	45.3	9.8	5.27	19.41	3.82	0.76	0.56	1.32

1441	FM 2484B2F	1248	1584	43.5	0.4	5.43	22.37	3.82	0.68	0.46	1.14	
1438	ALL-TEX NITRO 44B2RF	1232	1655	41.3	1	5.6	22.68	3.94	0.61	0.43	1.03	
1404	PHY 499WRF	1116	1318	44.9	4.4	5.16	19.6	3.76	0.65	0.42	1.06	
1426	Phytogen 725RF	1095	1677	38.8	0.8	5.53	21.01	3.72	0.59	0.42	1.01	
1427	DP 1044B2RF	1064	1294	42.2	9.6	5.52	20.45	3.57	0.71	0.44	1.15	

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1412	DP 0912B2RF	5.28	0.87	1.071	83.2	7.6	30	8.3	77.7	8.5	5	68.49
1468	ST 4946GLB2	5.21	0.87	1.143	85.3	6.4	33.5	8.9	79.5	8.5	5	90.25
1475	FM 2011GT	5.02	0.88	1.14	84.8	6.4	31.7	7	80.8	8.2	6	75.23
1465	NG 1511B2RF	5.31	0.86	1.114	85.1	6.5	31.4	9.7	79	8.7	5	75.1
1441	FM 2484B2F	4.68	0.87	1.205	85.3	6.3	33.8	6.9	82.4	7.3	5	86.23
1438	ALL-TEX NITRO 44B2RF	4.53	0.86	1.182	86	5.8	34	8.7	77.9	7.9	7	86.49
1404	PHY 499WRF	5.07	0.86	1.131	85.2	6.5	34.1	9.4	79.4	8.4	5	75.06
1426	Phytogen 725RF	4.75	0.86	1.202	85.6	6.1	36.5	8.6	78.2	8.5	10	85.11
1427	DP 1044B2RF	5.06	0.87	1.128	84.3	6.5	31.7	8.8	80.1	8.3	8	79.34

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
1412	DP 0912B2RF	0.83	0.9	15.5	5.6	1.1	214	1.9	1.06	87	4
1468	ST 4946GLB2	0.91	1	12	4	1.18	218	1.5	1.09	51	3
1475	FM 2011GT	0.91	1	12	4.1	1.19	198	1.8	1.06	75	3
1465	NG 1511B2RF	0.88	0.95	12.5	4.3	1.14	218	1.5	1.08	73	3
1441	FM 2484B2F	0.97	1.05	11.5	3.6	1.27	195	1.7	1.07	79	5
1438	ALL-TEX NITRO 44B2RF	0.93	1	12.5	3.9	1.22	196	1.7	1.06	74	7
1404	PHY 499WRF	0.93	1	11	3.5	1.18	207.5	1.4	1.07	71	3
1426	Phytogen 725RF	0.97	1.05	10.5	3.3	1.26	198	1.3	1.08	83	4
1427	DP 1044B2RF	0.91	1	14	4.4	1.2	212	1.7	1.05	76	1

PLAINS REGION SUMMARY BY LOCATION SITES

LOCATION	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
CHILLICOTHE, TX (IRR)	1270	1592	42.9	3.7	5.47	20.9	3.73	0.66	0.45	1.1
LUBBOCK, TX (IRR)	919	1532	37.9	9.6	5.09	21.04	3.58	0.65	0.46	1.11
LAMESA, TX (DRY)	693	1191	39.3	9.1	4.67	20.45	3.66	0.55	0.35	0.9

LOCATION	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
CHILLICOTHE, TX (IRR)	4.99	0.86	1.146	85	6.4	32.9	8.5	79.4	8.2	6	80.14
LUBBOCK, TX (IRR)	4.31	0.85	1.183	83.4	7.5	33.5	7.9	77.4	8.2	6	78.5
LAMESA, TX (DRY)	4.62	0.86	1.094	82.3	9.1	31.4	7.7	79.9	9.3	5	81.63

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
CHILLICOTHE, TX (IRR)	0.91	0.99	12.4	4.1	1.19	206.3	1.6	1.07	74	4
LUBBOCK, TX (IRR)	0.9	1	16	5.2	1.23	175	4	0.97	213	10
LAMESA, TX (DRY)	0.82	0.92	19.2	6.9	1.14	182.2	4.2	0.96	204	6

PLAINS REGION - INDIVIDUAL LOCATION SUMMARIES

LOCATON=LUBBOCK, TX (IRR)

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1475	FM 2011GT	1024	1667	38.1	10.8	6.25	22.15	3.62	0.54	0.47	1
1412	DP 0912B2RF	962	1512	38.5	9.2	4.55	20.31	3.52	0.72	0.51	1.23
1468	ST 4946GLB2	954	1430	37.9	10.2	5.5	20.93	3.59	0.7	0.46	1.16
1465	NG 1511B2RF	923	1584	39	8.8	5.55	20.26	3.54	0.66	0.47	1.13
1427	DP 1044B2RF	919	1852	36.8	9	5.65	22.28	3.35	0.74	0.46	1.19
1404	PHY 499WRF	916	1650	36.2	9.7	3	20.17	3.72	0.64	0.49	1.13
1438	ALL-TEX NITRO 44B2RF	913	1444	39	10.5	5	19.8	3.71	0.68	0.45	1.12
1441	FM 2484B2F	873	1320	38.8	9	4.5	21.28	3.49	0.65	0.43	1.08
1426	Phytogen 725RF	784	1334	37	9.7	5.8	22.17	3.71	0.54	0.45	0.98
.	LSD	249	616	2.7	0.8	1.88	3.55	0.33	0.1	0.14	0.21

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1475	FM 2011GT	4.22	0.86	1.172	83.2	7.4	32.9	7	79.3	7.9	7	80.64
1412	DP 0912B2RF	4.68	0.86	1.129	82.7	8.1	31.4	8.1	76.3	8.4	6	78.36
1468	ST 4946GLB2	4.35	0.85	1.177	83.9	7.6	33.3	8.1	77.5	8.7	5	80.39
1465	NG 1511B2RF	4.26	0.85	1.177	82.9	7.7	33.4	8.2	77.7	8.3	6	83.01
1427	DP 1044B2RF	4.37	0.85	1.183	83.8	7.5	32.5	8.8	77.7	8.4	6	68.49
1404	PHY 499WRF	4.24	0.85	1.201	83.8	7.2	34.5	8	76.4	8.5	7	80.07
1438	ALL-TEX NITRO 44B2RF	4.29	0.86	1.208	83.8	7.2	34.6	7.4	77	7.5	6	81.33
1441	FM 2484B2F	4.1	0.85	1.198	83.4	7.3	34	7.8	78.4	8.1	7	78.72
1426	Phytogen 725RF	4.33	0.86	1.201	83.1	7.4	35	8	76.2	8.6	5	75.49
.	LSD	0.81	0.02	0.064	1.7	0.7	2.3	1.6	3	0.6	3	8.42

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	0.86	1	18	6.2	1.2	165.5	4.8	0.97	248	9
1412	DP 0912B2RF	0.84	0.9	17	5.9	1.14	188.5	3.5	0.99	185	11
1468	ST 4946GLB2	0.93	1	14	4.4	1.25	176	3.9	0.96	198	7
1465	NG 1511B2RF	0.89	1	16.5	5.6	1.25	172.5	4.4	0.96	207	8
1427	DP 1044B2RF	0.91	1.05	16	5.2	1.26	178.5	4.4	0.93	227	7
1404	PHY 499WRF	0.9	1	16	5	1.23	175	3.7	0.97	189	15
1438	ALL-TEX NITRO 44B2RF	0.96	1.05	13.5	4.1	1.3	172.5	3.6	0.98	214	9
1441	FM 2484B2F	0.88	1	17.5	5.7	1.23	170.5	4.2	0.97	205	8
1426	Phytogen 725RF	0.91	1	15.5	5	1.25	176	3.3	0.99	245	14
.	LSD	0.06	0.08	3.6	1.4	0.1	19	1.2	0.03	95	9

LOCATION=LAMESA, TX (DRY)

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1468	ST 4946GLB2	853	1510	40.1	9.8	5.95	19.48	3.37	0.6	0.37	0.97
1475	FM 2011GT	793	1291	39.3	9.9	5.05	20.24	3.64	0.44	0.32	0.75
1465	NG 1511B2RF	765	1013	42.7	8.2	4.5	19.51	3.66	0.65	0.45	1.1
1438	ALL-TEX NITRO 44B2RF	689	1247	36.4	9.9	4.7	22.66	3.71	0.57	0.37	0.93
1412	DP 0912B2RF	668	1303	38.6	9	4.55	20.36	3.63	0.55	0.39	0.94
1404	PHY 499WRF	657	1106	40.5	8.5	4.25	19.14	3.88	0.5	0.31	0.8
1441	FM 2484B2F	655	1218	39.2	8.9	4.3	22.31	3.67	0.58	0.34	0.92
1427	DP 1044B2RF	630	1139	38.8	8.3	3.9	20.11	3.54	0.66	0.33	0.99
1426	Phytogen 725RF	525	889	37.9	9.1	4.8	20.31	3.86	0.44	0.3	0.74
.	LSD	157	359	2.5	0.6	0.99	1.13	0.38	0.06	0.06	0.12

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1468	ST 4946GLB2	4.95	0.87	1.078	82.8	8.5	31.3	8	78.9	9.6	5	88.97
1475	FM 2011GT	4.12	0.86	1.084	81.9	9.5	31.1	6.4	80.7	8.9	6	86.92
1465	NG 1511B2RF	4.96	0.86	1.045	81.7	10.2	29.9	8.7	79.1	9.9	6	72.4
1438	ALL-TEX NITRO 44B2RF	4.12	0.85	1.149	82.8	8.4	33.7	7.9	80.6	9.3	5	85.59
1412	DP 0912B2RF	5.18	0.88	1.065	82.6	9.4	28.6	7.7	79.5	9.7	5	68.26
1404	PHY 499WRF	4.78	0.86	1.089	83	8.5	31.5	8.5	79.1	9.5	6	82.05
1441	FM 2484B2F	4.27	0.87	1.13	82.1	9.2	31.6	6.2	82.9	8.3	5	84.86
1427	DP 1044B2RF	4.63	0.86	1.083	81.7	9.7	30.7	8.2	80.2	9.3	6	75.44
1426	Phytogen 725RF	4.57	0.86	1.125	82	8.5	34.2	8.2	78.6	9.6	6	90.19
.	LSD	0.28	0.01	0.017	1.5	0.7	2.3	0.4	0.7	0.2	1	18.59

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1468	ST 4946GLB2	0.84	0.9	17	6	1.12	192	3.5	0.98	167	5
1475	FM 2011GT	0.77	0.9	25	9.3	1.12	165.5	5.7	0.94	240	6
1465	NG 1511B2RF	0.81	0.9	18	6.7	1.1	192.5	3.7	0.97	171	6
1438	ALL-TEX NITRO 44B2RF	0.88	1	17	5.8	1.21	170.5	4.8	0.95	253	6
1412	DP 0912B2RF	0.82	0.9	18	6.4	1.1	199	3	0.99	160	7
1404	PHY 499WRF	0.83	0.9	19	6.7	1.13	186.5	3.8	0.97	190	10
1441	FM 2484B2F	0.84	0.95	20	7.1	1.19	172.5	4.3	0.97	245	2
1427	DP 1044B2RF	0.8	0.9	21.5	7.9	1.14	183.5	5.2	0.94	195	6
1426	Phytogen 725RF	0.85	0.95	17.5	6.3	1.18	177.5	3.6	0.98	220	7
.	LSD	0.03	0.07	2.8	1.2	0.02	6.8	0.9	0.02	83	7

LOCATION=CHILLICOTHE, TX (IRR)

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1412	DP 0912B2RF	1492	1919	43	5.2	4.49	19.7	3.68	0.64	0.44	1.08
1468	ST 4946GLB2	1411	1725	42.2	1.2	6.07	20.94	3.75	0.7	0.45	1.14
1475	FM 2011GT	1387	1564	45.1	1.1	6.15	21.94	3.53	0.57	0.45	1.02
1465	NG 1511B2RF	1387	1596	45.3	9.8	5.27	19.41	3.82	0.76	0.56	1.32
1441	FM 2484B2F	1248	1584	43.5	0.4	5.43	22.37	3.82	0.68	0.46	1.14
1438	ALL-TEX NITRO 44B2RF	1232	1655	41.3	1	5.6	22.68	3.94	0.61	0.43	1.03
1404	PHY 499WRF	1116	1318	44.9	4.4	5.16	19.6	3.76	0.65	0.42	1.06
1426	Phytogen 725RF	1095	1677	38.8	0.8	5.53	21.01	3.72	0.59	0.42	1.01
1427	DP 1044B2RF	1064	1294	42.2	9.6	5.52	20.45	3.57	0.71	0.44	1.15
.	LSD	184	351	1.2	6.3	0.61	1.34	0.29	0.08	0.06	0.14

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1412	DP 0912B2RF	5.28	0.87	1.071	83.2	7.6	30	8.3	77.7	8.5	5	68.49
1468	ST 4946GLB2	5.21	0.87	1.143	85.3	6.4	33.5	8.9	79.5	8.5	5	90.25
1475	FM 2011GT	5.02	0.88	1.14	84.8	6.4	31.7	7	80.8	8.2	6	75.23
1465	NG 1511B2RF	5.31	0.86	1.114	85.1	6.5	31.4	9.7	79	8.7	5	75.1
1441	FM 2484B2F	4.68	0.87	1.205	85.3	6.3	33.8	6.9	82.4	7.3	5	86.23
1438	ALL-TEX NITRO 44B2RF	4.53	0.86	1.182	86	5.8	34	8.7	77.9	7.9	7	86.49
1404	PHY 499WRF	5.07	0.86	1.131	85.2	6.5	34.1	9.4	79.4	8.4	5	75.06
1426	Phytogen 725RF	4.75	0.86	1.202	85.6	6.1	36.5	8.6	78.2	8.5	10	85.11
1427	DP 1044B2RF	5.06	0.87	1.128	84.3	6.5	31.7	8.8	80.1	8.3	8	79.34
.	LSD	0.33	0.02	0.039	1.4	1.2	1.9	0.9	2.8	0.5	5	17.29

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
1412	DP 0912B2RF	0.83	0.9	15.5	5.6	1.1	214	1.9	1.06	87	4
1468	ST 4946GLB2	0.91	1	12	4	1.18	218	1.5	1.09	51	3
1475	FM 2011GT	0.91	1	12	4.1	1.19	198	1.8	1.06	75	3
1465	NG 1511B2RF	0.88	0.95	12.5	4.3	1.14	218	1.5	1.08	73	3
1441	FM 2484B2F	0.97	1.05	11.5	3.6	1.27	195	1.7	1.07	79	5
1438	ALL-TEX NITRO 44B2RF	0.93	1	12.5	3.9	1.22	196	1.7	1.06	74	7
1404	PHY 499WRF	0.93	1	11	3.5	1.18	207.5	1.4	1.07	71	3
1426	Phytogen 725RF	0.97	1.05	10.5	3.3	1.26	198	1.3	1.08	83	4
1427	DP 1044B2RF	0.91	1	14	4.4	1.2	212	1.7	1.05	76	1
.	LSD	0.05	0.08	3.3	1.4	0.05	9.4	0.5	0.02	36	4

2015 National Cotton Variety Test

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EASTERN REGION

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

2015 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR EASTERN BY VARIETIES

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1507	DP 1553B2XF	1513	2940	39.4	9.5	5.31	16.51	3.66	0.72	0.51	1.23
1511	ST 6182GLT	1501	2839	41.2	9.2	5.51	16.23	3.99	0.66	0.48	1.14
1510	DP 1538B2XF	1498	2883	39.8	9.1	5.26	15.92	3.63	0.68	0.51	1.19
1509	DP 1558NRB2RF	1497	2999	38.6	10.1	6.22	16.6	3.71	0.65	0.46	1.11
1508	DP 1555B2RF	1497	2950	39.2	9.5	5.56	16.26	3.71	0.53	0.49	1.02
1412	DP 0912B2RF	1475	3115	36.1	10.1	5.45	19.13	3.39	0.73	0.52	1.24
1459	PHY 444WRF	1472	2881	39.1	10.3	5.37	20.52	3.38	0.57	0.6	1.16
1478	PHY 333WRF	1467	2938	38.9	9.6	5.2	20.84	3.74	0.73	0.53	1.26
1404	PHY 499WRF	1449	2971	38.5	9.4	5.13	19.64	3.51	0.73	0.48	1.21
1512	ST 5115GLT	1399	2913	37.3	10.5	5.93	19.89	3.32	0.63	0.53	1.16
1497	PHY 312WRF	1392	2957	37.2	9.9	5.67	19.93	3.52	0.73	0.55	1.28
1468	ST 4946GLB2	1358	3005	36.1	10.8	5.66	19.6	3.28	0.8	0.54	1.35
1476	ST 4747GLB2	1317	2877	36.8	9.9	5.08	21.41	3.63	0.64	0.52	1.16
1502	PHY 552WRF	1317	2860	38	9.2	4.78	18	3.79	0.63	0.52	1.15
1441	FM 2484B2F	1237	2706	37.4	9.9	5.32	21.16	3.53	0.74	0.52	1.26
1426	Phytogen 725RF	1050	2712	34.1	10.6	5.83	21.52	3.59	0.59	0.43	1.03
.	LSD	166	248	1.8	0.8	0.82	1.04	0.21	0.06	0.04	0.09

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1507	DP 1553B2XF	4.54	0.85	1.215	85.5	6.8	30	8.3	72.9	8.1	7	67.9
1511	ST 6182GLT	4.75	0.87	1.186	84.7	7	30.3	7.3	72.6	7.8	8	70.71
1510	DP 1538B2XF	4.74	0.86	1.127	84.4	7.5	29.1	8.2	72.8	7.8	9	66.98
1509	DP 1558NRB2RF	4.97	0.87	1.19	84.8	7.3	32.7	7.6	71.4	8.3	8	67.57
1508	DP 1555B2RF	4.64	0.86	1.193	84.5	7.3	32	7.5	73.3	8	8	73.67
1412	DP 0912B2RF	4.88	0.86	1.139	84.5	7.3	30.7	8	71.7	7.5	9	68.08
1459	PHY 444WRF	4.01	0.85	1.256	85.3	6.6	31.3	6.9	72.4	7.9	9	71.73
1478	PHY 333WRF	4.32	0.86	1.184	84.4	7.5	30.4	7.1	70.6	8.2	10	70.34
1404	PHY 499WRF	4.8	0.86	1.164	85.1	6.8	32.2	8.5	70.3	8.1	8	67.58

1512	ST 5115GLT	4.37	0.86	1.166	83.9	7.5	31.2	7.5	73.6	7.4	9	68.23
1497	PHY 312WRF	4.44	0.86	1.19	84.9	7.1	30.8	7.4	71.8	7.8	9	68.46
1468	ST 4946GLB2	4.63	0.86	1.17	84.8	7	32.2	8	72.3	7.8	9	81.8
1476	ST 4747GLB2	4.47	0.87	1.202	83.8	7.7	30.5	5.8	72.4	6.9	8	74.48
1502	PHY 552WRF	4.25	0.85	1.187	85.3	6.9	31.9	7.3	71.7	7.3	8	75.13
1441	FM 2484B2F	4.23	0.86	1.214	84.7	7	32.9	6.5	74.1	7.1	8	79.71
1426	Phytogen 725RF	4.51	0.86	1.212	84.7	6.7	35	7.9	69.3	8.2	9	84.26
.	LSD	0.22	0.01	0.023	0.9	0.6	1.2	0.3	1.6	0.4	2	6.52

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
1507	DP 1553B2XF	0.95	1.06	14	4.6	1.28	188	3.2	0.99	110	5
1511	ST 6182GLT	0.92	1.01	14.4	4.8	1.23	189	3	1	105	5
1510	DP 1538B2XF	0.9	0.97	13.9	4.8	1.19	190.6	3.2	0.99	101	4
1509	DP 1558NRB2RF	0.95	1.02	13.4	4.4	1.25	203	2.3	1.03	75	4
1508	DP 1555B2RF	0.92	1.02	16.3	5.3	1.26	190.1	2.8	1.02	114	6
1412	DP 0912B2RF	0.9	0.97	13.7	4.6	1.18	199.8	2.6	1.02	108	8
1459	PHY 444WRF	0.96	1.08	16.1	5	1.34	176.6	3.5	1	150	6
1478	PHY 333WRF	0.9	1.02	17.6	5.8	1.25	182.7	3.7	0.99	138	8
1404	PHY 499WRF	0.9	0.99	15.3	5	1.21	193.1	2.8	1.01	109	7
1512	ST 5115GLT	0.89	1	16.5	5.6	1.23	180.6	3.4	0.99	110	7
1497	PHY 312WRF	0.91	1.02	17	5.4	1.25	186	3.5	1	129	9
1468	ST 4946GLB2	0.88	1	16.9	4.8	1.21	190.4	3.3	1	127	7
1476	ST 4747GLB2	0.91	1.04	16.7	5.4	1.27	181.5	2.9	1.02	116	8
1502	PHY 552WRF	0.94	1.03	14.4	4.6	1.25	182.7	2.9	1.01	123	5
1441	FM 2484B2F	0.93	1.04	16	5.1	1.28	179	3	1.02	114	6
1426	Phytogen 725RF	0.95	1.05	13.3	4.3	1.28	182.8	2.6	1.03	107	9
.	LSD	0.04	0.04	2.4	0.9	0.03	5.9	0.6	0.02	29	4

EASTERN REGION SUMMARY BY LOCATION SITES

LOCATION	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
STARKVILLE, MS	1678	2322	42.7	10.7	5.65	18.65	3.85	0.69	0.51	1.2
SUFFOLK, VA	1632	2169	42.9	.	.	20.63	3.04	0.83	0.61	1.44
GRIFFIN, GA	1457	1866	43.9	.	.	19.44	3.15	0.69	0.54	1.23
ROCKY MOUNT, NC	1174	1325	47	9.1	5.26	17.14	4.18	0.56	0.42	0.98
FLORENCE, SC	1071	6864	13.5	9.7	.	18.89	3.71	0.6	0.48	1.08

LOCATION	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
STARKVILLE, MS	4.45	0.86	1.248	86.1	6.2	33	7.4	70.2	8.1	7	78.88
SUFFOLK, VA	4.57	0.86	1.201	85	6.9	31.4	7.9	80.4	7.5	5	77.61
GRIFFIN, GA	4.51	0.86	1.186	84.6	7	31.8	7.6	69.8	7	12	72.07
ROCKY MOUNT, NC	4.64	0.86	1.158	84.8	7.1	33	7.6	80	8.1	6	77.26
FLORENCE, SC	4.5	0.86	1.143	83	8.5	28	7	60	8.1	13	55.64

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
STARKVILLE, MS	0.99	1.09	12.8	3.9	1.32	190.8	2.4	1.03	82	3
SUFFOLK, VA	0.97	1.06	12	3.7	1.27	190.8	2.2	1.03	131	4
GRIFFIN, GA	0.91	1.01	15.3	4.9	1.24	187.3	3.2	1.01	145	12
ROCKY MOUNT, NC	0.9	1	15.1	4.8	1.21	183	3.1	0.99	97	5
FLORENCE, SC	0.83	0.95	21.6	7.6	1.19	184.3	4.4	0.97	117	9

EASTERN REGION - INDIVIDUAL LOCATION SUMMARIES

LOCATION=FLORENCE, SC

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1507	DP 1553B2XF	1271	6812	15.7	9.6	.	15.73	3.77	0.64	0.5	1.14
1512	ST 5115GLT	1252	6544	16.1	9.8	.	20.41	3.54	0.55	0.49	1.04
1510	DP 1538B2XF	1231	7050	14.9	9.6	.	15.66	3.76	0.58	0.46	1.04
1412	DP 0912B2RF	1203	6499	15.6	10.7	.	19.74	3.45	0.64	0.47	1.11
1501	DP 1555B2RF	1149	7098	14	9.8	.	15.59	3.83	0.47	0.44	0.91
1511	ST 6182GLT	1110	7173	13.4	8.7	.	15.48	3.76	0.57	0.45	1.02
1468	ST 4946GLB2	1076	6758	13.7	10.6	.	20.08	3.42	0.75	0.55	1.29
1509	DP 1558NRB2RF	1071	7000	13.3	9.5	.	16.23	3.83	0.6	0.43	1.03
1478	PHY 333WRF	1052	6957	13.1	9.6	.	20.24	3.9	0.63	0.48	1.11
1404	PHY 499WRF	1045	7056	12.9	9	.	19.94	3.67	0.66	0.46	1.12
1476	ST 4747GLB2	1040	6782	13.3	9.9	.	21.71	4.06	0.57	0.49	1.05
1459	PHY 444WRF	1009	6795	12.9	10.1	.	21.12	3.51	0.57	0.54	1.11
1497	PHY 312WRF	1006	6932	12.7	9	.	19.5	3.62	0.62	0.49	1.11
1441	FM 2484B2F	949	6719	12.4	9.8	.	20.98	3.6	0.63	0.51	1.14
1502	PHY 552WRF	925	6932	11.8	10	.	18.08	3.99	0.59	0.5	1.08
1426	Phytogen 725RF	747	6725	10	9.9	.	21.71	3.69	0.55	0.42	0.97
.	LSD	192	234	2.4	1.1	.	1.64	0.38	0.09	0.06	0.15

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1507	DP 1553B2XF	4.44	0.85	1.169	84	8	26.8	8.3	60.7	8	11	49.97
1512	ST 5115GLT	4.56	0.87	1.123	82.6	8.5	27.2	6.9	62.3	7.4	15	55.2
1510	DP 1538B2XF	4.59	0.86	1.091	82.8	9.1	26.3	7.8	59.4	8.1	13	47.76
1412	DP 0912B2RF	5.06	0.87	1.11	83.7	8.1	29.1	7.8	60.8	8	12	53.6
1501	DP 1555B2RF	4.51	0.87	1.132	82.1	9.4	28.3	6.6	59.6	8.5	14	48.34
1511	ST 6182GLT	4.59	0.86	1.136	82.8	8.4	27.4	7.2	61	7.9	12	53.4
1468	ST 4946GLB2	4.96	0.87	1.146	84.2	7.6	29.3	7.9	60.6	7.9	13	64.85

1509	DP 1558NRB2RF	4.7	0.87	1.146	83.2	8.8	29.1	7	61.2	8.4	10	52.88
1478	PHY 333WRF	4.14	0.86	1.136	82.4	9.6	25.6	6.3	57.5	8.9	19	50.09
1404	PHY 499WRF	4.81	0.86	1.105	82.8	8.3	27.9	8.2	57.8	8.7	12	49.51
1476	ST 4747GLB2	4.77	0.88	1.142	82.6	9	26.7	5.1	59.9	7.7	12	56.63
1459	PHY 444WRF	3.83	0.85	1.206	81.9	8.7	27.3	6.2	60.6	8.4	18	49.18
1497	PHY 312WRF	4.58	0.87	1.15	83.2	7.8	28.1	6.8	60.3	8.4	12	51.15
1441	FM 2484B2F	3.98	0.86	1.186	84.2	7.6	31.4	6.5	62.7	7.5	11	70.66
1502	PHY 552WRF	4.09	0.85	1.146	83.5	8.7	28.3	6.6	59.8	7.9	12	65.48
1426	Phytogen 725RF	4.43	0.86	1.168	82.7	8.2	29.9	7.2	56.4	8.7	13	71.52
.	LSD	0.32	0.01	0.032	1.4	1.3	2.1	0.6	2.8	0.6	6	13.35

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
1507	DP 1553B2XF	0.86	1	20.5	7.2	1.22	181.5	4.9	0.96	137	16
1512	ST 5115GLT	0.84	0.95	19.5	7	1.17	183	4.1	0.97	101	11
1510	DP 1538B2XF	0.82	0.9	19.5	7.4	1.16	180.5	4.7	0.95	87	6
1412	DP 0912B2RF	0.83	0.9	19	6.6	1.13	205	3.5	1.01	109	7
1501	DP 1555B2RF	0.81	0.9	23	8.4	1.18	185	4.5	0.98	104	7
1511	ST 6182GLT	0.83	0.95	21.5	7.7	1.19	179.5	4.6	0.96	97	8
1468	ST 4946GLB2	0.82	0.9	21.5	7.7	1.17	191.5	4.2	0.98	100	8
1509	DP 1558NRB2RF	0.83	0.9	21.5	7.8	1.19	189.5	4.4	0.98	104	8
1478	PHY 333WRF	0.8	0.95	24.5	9	1.2	178.5	5.2	0.95	171	5
1404	PHY 499WRF	0.79	0.9	23.5	8.5	1.14	189.5	4.7	0.97	127	11
1476	ST 4747GLB2	0.85	1	20	6.8	1.21	187	3.4	1.01	107	12
1459	PHY 444WRF	0.84	1	25	8.6	1.27	171	5.2	0.96	166	11
1497	PHY 312WRF	0.84	0.95	22	7.5	1.21	191	4	1	96	7
1441	FM 2484B2F	0.87	1	19.5	6.5	1.24	183.5	3.7	1	113	6
1502	PHY 552WRF	0.83	0.95	22	7.9	1.2	176	4.5	0.98	119	7
1426	Phytogen 725RF	0.83	1	22.5	8	1.22	177.5	4.7	0.98	144	11
.	LSD	0.05	0.07	3.7	1.7	0.04	10.4	1	0.03	42	5

LOCATION=ROCKY MOUNT, NC

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1404	PHY 499WRF	1412	1514	48.3	8.5	5.04	17.66	3.91	0.64	0.4	1.04
1501	DP 1555B2RF	1317	1382	48.9	8.9	5.57	15.05	4.28	0.49	0.47	0.97
1478	PHY 333WRF	1312	1410	48.3	8.7	4.74	18.78	4.38	0.62	0.45	1.06
1507	DP 1553B2XF	1288	1360	48.7	8.7	5.51	15.1	4.37	0.67	0.46	1.12
1510	DP 1538B2XF	1271	1335	48.8	8.1	5.31	14.81	4.44	0.64	0.47	1.11
1497	PHY 312WRF	1266	1471	46.6	9.3	4.97	17.32	4.31	0.53	0.41	0.94
1412	DP 0912B2RF	1258	1475	46.1	8.9	5.05	17.65	4.13	0.59	0.42	1
1511	ST 6182GLT	1188	1167	50.5	9.1	5.35	14.34	4.77	0.58	0.41	0.99
1468	ST 4946GLB2	1180	1455	44.8	9.8	5.55	16.98	4.06	0.66	0.43	1.09
1509	DP 1558NRB2RF	1160	1324	46.7	9.7	6.31	14.73	4.03	0.52	0.36	0.88
1512	ST 5115GLT	1147	1412	44.8	10.2	5.24	17.68	3.91	0.49	0.41	0.9
1459	PHY 444WRF	1098	1171	48.5	9.5	5.01	17.93	3.68	0.36	0.45	0.81
1476	ST 4747GLB2	1045	1287	44.9	9.3	5.2	18.84	4.22	0.53	0.43	0.95
1502	PHY 552WRF	1006	1107	47.6	7.9	4.64	15.9	4.31	0.52	0.42	0.93
1441	FM 2484B2F	931	1090	46.1	9.3	5.07	21.29	4.3	0.63	0.43	1.06
1426	Phytogen 725RF	903	1237	42.2	10.5	5.59	20.28	3.8	0.51	0.37	0.88
.	LSD	150	184	1.4	0.6	0.4	1.55	0.56	0.08	0.06	0.14

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1404	PHY 499WRF	5.02	0.86	1.158	86.2	6.1	34.8	9	77.3	8.5	6	75.9
1501	DP 1555B2RF	4.92	0.87	1.176	85.1	6.9	33.8	7.4	81.3	7.8	5	82.49
1478	PHY 333WRF	4.39	0.86	1.147	83.9	7.5	31	7.2	79.7	8.8	7	70.49
1507	DP 1553B2XF	4.78	0.86	1.188	85.3	6.8	31.6	8.4	80.4	8.5	5	63.03
1510	DP 1538B2XF	4.96	0.87	1.082	83.3	8.4	30.2	8	80.2	8.5	7	77.06
1497	PHY 312WRF	4.2	0.85	1.179	85.2	7.6	31.7	7.3	80.9	8.3	6	73.62
1412	DP 0912B2RF	4.67	0.86	1.132	85.2	6.8	31.1	7.8	79.9	8.3	7	76.24
1511	ST 6182GLT	5.03	0.88	1.173	85.5	6.7	33	7.4	78.8	8.4	5	81.56
1468	ST 4946GLB2	4.55	0.86	1.12	84.2	7.4	34.2	8.2	80	8.4	7	95.06
1509	DP 1558NRB2RF	5.16	0.87	1.157	84.5	7.1	33.6	7.8	77.9	8.4	5	70.43

1512	ST 5115GLT	4.22	0.85	1.144	84.5	7.1	32	7.7	81.5	7.7	6	70.06
1459	PHY 444WRF	4.3	0.86	1.206	86.1	6.6	32.7	7.4	80.8	8.1	6	80.92
1476	ST 4747GLB2	4.6	0.88	1.174	83.5	8.1	31.3	5.9	80.1	7.6	6	73.57
1502	PHY 552WRF	4.36	0.86	1.142	85	7.5	33.4	7.6	81.2	7.5	6	79.34
1441	FM 2484B2F	4.43	0.87	1.157	83.8	7.5	34	6.2	82.4	7.5	6	79.39
1426	Phytogen 725RF	4.75	0.86	1.198	85.5	5.9	39.4	8.3	77.6	8.3	5	87
.	LSD	0.63	0.02	0.065	2	1.4	4.2	0.7	2.7	0.9	3	19.57

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1404	PHY 499WRF	0.91	1	13	4	1.18	185	2.8	0.99	74	4
1501	DP 1555B2RF	0.92	1	14.5	4.7	1.22	186	2.7	1	99	7
1478	PHY 333WRF	0.84	0.95	20.5	7.4	1.19	177	4.6	0.98	144	10
1507	DP 1553B2XF	0.95	1.05	12.5	4.1	1.25	183.5	3	0.96	94	2
1510	DP 1538B2XF	0.85	0.95	16	5.6	1.13	189.5	3.2	0.98	81	5
1497	PHY 312WRF	0.91	1	17	5.5	1.25	176	3.9	0.99	117	5
1412	DP 0912B2RF	0.92	1	11	3.7	1.18	188.5	2.6	0.99	63	4
1511	ST 6182GLT	0.93	1	12	4	1.21	196.5	2	1.03	57	1
1468	ST 4946GLB2	0.8	0.95	22	3.3	1.14	185.5	4	0.99	177	10
1509	DP 1558NRB2RF	0.96	1	11	3.6	1.24	201	2	1.02	45	2
1512	ST 5115GLT	0.88	1	17.5	6.1	1.21	171	3.7	0.97	119	10
1459	PHY 444WRF	0.91	1	17.5	5.7	1.25	177	3.9	1	125	3
1476	ST 4747GLB2	0.89	1	17	5.8	1.24	176.5	3	1.01	79	5
1502	PHY 552WRF	0.91	1	13.5	4.5	1.2	185.5	2.9	1.02	102	5
1441	FM 2484B2F	0.88	1	17	5.6	1.22	171	3.5	0.99	106	2
1426	Phytogen 725RF	1	1.05	9	2.8	1.29	179	2	1.02	80	5
.	LSD	0.11	0.11	8.6	4.3	0.1	16	2	0.04	119	11

LOCATION=STARKVILLE, MS

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1507	DP 1553B2XF	1906	2641	43.7	10.1	5.11	15.82	3.87	0.73	0.48	1.22
1459	PHY 444WRF	1897	2408	43.4	11.2	5.72	20.04	3.77	0.54	0.57	1.1
1412	DP 0912B2RF	1789	2481	42.2	10.8	5.85	20.19	3.74	0.77	0.54	1.31
1478	PHY 333WRF	1775	2423	43.3	10.7	5.67	20.51	3.99	0.75	0.55	1.3
1509	DP 1558NRB2RF	1766	2270	44.4	11.1	6.13	16.12	4.18	0.7	0.47	1.17
1510	DP 1538B2XF	1762	2082	45.4	9.8	5.22	15.23	3.98	0.67	0.46	1.13
1497	PHY 312WRF	1756	2381	42.2	11.3	6.38	19.56	3.59	0.72	0.55	1.27
1501	DP 1555B2RF	1723	2253	43.3	9.8	5.55	15.06	3.86	0.54	0.46	1
1511	ST 6182GLT	1702	2043	46.1	9.7	5.68	14.79	4.13	0.66	0.46	1.12
1502	PHY 552WRF	1629	2517	41.1	9.6	4.92	17.97	3.87	0.68	0.54	1.22
1404	PHY 499WRF	1617	2231	43.2	10.6	5.21	19.95	3.84	0.73	0.48	1.21
1476	ST 4747GLB2	1616	2344	41.9	10.5	4.97	21.38	3.86	0.71	0.55	1.26
1512	ST 5115GLT	1595	2509	41	11.6	6.62	19.87	3.61	0.68	0.54	1.22
1468	ST 4946GLB2	1476	2378	40.4	11.9	5.77	19.66	3.37	0.8	0.54	1.35
1441	FM 2484B2F	1475	1987	42.5	10.6	5.58	20.3	3.84	0.74	0.49	1.23
1426	Phytogen 725RF	1366	2210	38.7	11.4	6.07	21.94	4.15	0.63	0.44	1.07
.	LSD	185	389	1.9	0.6	0.92	1.03	0.54	0.08	0.07	0.14

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1507	DP 1553B2XF	4.46	0.85	1.263	86.1	6.3	31.3	8.3	69.1	8.3	6	79.49
1459	PHY 444WRF	3.95	0.86	1.318	87.3	5.3	33.5	6.6	69.5	8.1	7	76.08
1412	DP 0912B2RF	4.71	0.86	1.168	84.7	7	32.6	7.9	68.3	7.8	8	72.14
1478	PHY 333WRF	4.39	0.86	1.257	86.4	6.3	31.9	7.1	69.6	8.4	6	82.6
1509	DP 1558NRB2RF	4.84	0.87	1.257	86.5	6.4	35	7.5	69.7	9.6	6	79.4
1510	DP 1538B2XF	4.77	0.86	1.185	86.3	6.7	30.7	8.4	70.7	8.1	6	66.7
1497	PHY 312WRF	4.48	0.86	1.252	86	6.3	32.4	7.4	70.7	7.7	7	78.9
1501	DP 1555B2RF	4.63	0.87	1.26	86.4	6.1	33.3	7.6	72.7	8.3	6	84.25
1511	ST 6182GLT	4.73	0.87	1.235	85.5	6.5	30.8	7.1	70.1	7.9	7	78.2

1502	PHY 552WRF	4.12	0.85	1.277	86.7	5.7	33.5	7.3	68	7.8	7	78.2
1404	PHY 499WRF	4.71	0.86	1.207	86.4	6.2	33.5	8.2	69.3	8.2	7	74.84
1476	ST 4747GLB2	4.39	0.87	1.278	85.3	6	31.7	5.8	72.9	7.2	7	73.17
1512	ST 5115GLT	4.29	0.86	1.236	85	6.6	33.9	7.6	72	8.3	6	80.77
1468	ST 4946GLB2	4.37	0.86	1.224	86.4	6.4	34	7.7	70.4	8.2	8	85.02
1441	FM 2484B2F	4	0.86	1.292	87.2	5.5	34.4	6.5	71.7	7.7	6	90.87
1426	Phytogen 725RF	4.43	0.86	1.269	86	5.9	35.5	7.8	68.7	8.1	6	81.46
.	LSD	0.31	0.01	0.052	1.2	0.9	2.8	0.8	3.3	0.9	2	17.14

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1507	DP 1553B2XF	0.99	1.1	13.5	4.3	1.35	192	2.3	1.02	88	4
1459	PHY 444WRF	1.07	1.2	11.5	3.2	1.42	182	2.8	1.02	100	3
1412	DP 0912B2RF	0.96	1.05	11.5	3.6	1.25	202.5	1.7	1.05	69	3
1478	PHY 333WRF	0.99	1.1	14.5	4.3	1.35	184.5	3.3	0.99	83	3
1509	DP 1558NRB2RF	1.01	1.1	11	3.4	1.32	211	1.5	1.07	62	2
1510	DP 1538B2XF	0.96	1	11.5	3.7	1.24	196.5	2.8	1	63	1
1497	PHY 312WRF	1.01	1.1	13	3.8	1.34	192.5	2.5	1.03	75	5
1501	DP 1555B2RF	0.99	1.1	14	4.1	1.34	195.5	1.7	1.05	72	3
1511	ST 6182GLT	0.97	1.1	12.5	3.9	1.29	190.5	2.9	1.01	95	4
1502	PHY 552WRF	1.02	1.1	12	3.4	1.34	186.5	2.5	1.03	95	2
1404	PHY 499WRF	0.95	1.05	13.5	4.3	1.26	196	2.1	1.04	83	2
1476	ST 4747GLB2	0.98	1.1	14	4.3	1.35	183	2.6	1.02	84	2
1512	ST 5115GLT	0.95	1.05	15	4.9	1.31	179.5	3.6	0.98	85	7
1468	ST 4946GLB2	0.96	1.05	13	4.1	1.28	194	2.8	1.01	109	2
1441	FM 2484B2F	1.01	1.1	12.5	3.8	1.36	179.5	2.1	1.05	82	2
1426	Phytogen 725RF	0.99	1.1	11.5	3.5	1.33	187.5	1.6	1.07	73	5
.	LSD	0.04	0.08	2.7	1	0.03	11.7	0.7	0.03	43	3

LOCATION=GRIFFIN, GA

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1509	DP 1558NRB2RF	1722	2103	45	.	.	16.15	3.4	0.63	0.45	1.08
1412	DP 0912B2RF	1714	2547	40.2	.	.	18.82	2.96	0.72	0.53	1.24
1459	PHY 444WRF	1634	1937	45.8	.	.	21.76	2.87	0.62	0.66	1.27
1501	DP 1555B2RF	1617	2032	44.3	.	.	18.01	3.36	0.55	0.5	1.05
1468	ST 4946GLB2	1600	2188	42.3	.	.	21.38	2.89	0.86	0.58	1.44
1511	ST 6182GLT	1581	1731	47.7	.	.	17.45	3.83	0.64	0.51	1.15
1478	PHY 333WRF	1549	1940	44.3	.	.	22.01	3.47	0.73	0.55	1.28
1404	PHY 499WRF	1492	1844	44.7	.	.	19.94	3.04	0.76	0.52	1.27
1512	ST 5115GLT	1440	1845	43.9	.	.	20.16	2.8	0.68	0.59	1.26
1497	PHY 312WRF	1427	1949	42.3	.	.	20.2	3.06	0.79	0.59	1.38
1441	FM 2484B2F	1409	1790	44.1	.	.	21.5	2.92	0.81	0.55	1.35
1476	ST 4747GLB2	1391	1853	42.9	.	.	21.9	3.04	0.67	0.55	1.23
1502	PHY 552WRF	1260	1549	44.8	.	.	18.22	3.31	0.65	0.55	1.2
1510	DP 1538B2XF	1229	1497	45.1	.	.	15.27	2.93	0.67	0.55	1.21
1507	DP 1553B2XF	1202	1484	44.7	.	.	17.02	3.32	0.69	0.53	1.21
1426	Phytogen 725RF	1049	1564	40.1	.	.	21.23	3.16	0.6	0.44	1.04
.	LSD	281	361	0.9	.	.	1.47	0.47	0.1	0.07	0.17

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1509	DP 1558NRB2RF	5.06	0.88	1.175	84.3	7.2	33.5	7.9	67.9	7.2	11	67.23
1412	DP 0912B2RF	4.87	0.86	1.133	83.7	7.8	30.5	8.3	68.6	6.3	12	69.29
1459	PHY 444WRF	3.96	0.85	1.268	86.1	6.5	32.5	7.1	69	7.6	11	74.72
1501	DP 1555B2RF	4.47	0.86	1.192	83.9	7.1	32.5	8.1	70.6	7.4	12	71.02
1468	ST 4946GLB2	4.56	0.86	1.158	84.3	7.1	31.6	8	70.4	6.7	12	79.45
1511	ST 6182GLT	4.58	0.86	1.225	85.1	6.8	31.6	7.2	71	7.3	12	73.27
1478	PHY 333WRF	4.37	0.86	1.204	84.8	6.9	32.3	7.5	69.6	7.6	12	70.28
1404	PHY 499WRF	4.7	0.86	1.186	85	6.6	33	8.4	69.6	7.2	12	66.49
1512	ST 5115GLT	4.64	0.87	1.142	83.5	7.6	30.6	7.5	71.7	6.6	10	65.97
1497	PHY 312WRF	4.36	0.86	1.169	84.7	7	30.8	7.7	67.1	7.3	13	64.92

1441	FM 2484B2F	4.4	0.86	1.181	83.3	7.6	32.9	6.8	71	6.2	11	76.77
1476	ST 4747GLB2	4.39	0.87	1.19	84.2	7.6	31.9	5.9	71.4	5.9	12	80.39
1502	PHY 552WRF	4.43	0.86	1.175	86.4	6.1	32.6	7.3	68.9	6.7	11	74.76
1510	DP 1538B2XF	4.65	0.86	1.131	85	6.8	28.4	8.1	72.7	6.9	11	68.6
1507	DP 1553B2XF	4.42	0.85	1.24	86.2	6.2	30.3	8.4	71.9	7.5	11	63.83
1426	Phytogen 725RF	4.32	0.86	1.21	83.6	7.1	34.9	7.8	65.8	7.6	15	86.2
.	LSD	0.36	0.01	0.033	1.2	0.9	1.7	0.7	3.3	1.1	3	10.49

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1509	DP 1558NRB2RF	0.92	1	14	4.4	1.22	207.5	2.5	1.04	85	7
1412	DP 0912B2RF	0.85	0.9	16	5.6	1.15	198.5	2.9	1.01	173	21
1459	PHY 444WRF	0.99	1.1	14.5	4.3	1.37	173.5	3.8	0.99	208	12
1501	DP 1555B2RF	0.92	1	16.5	5.1	1.26	186.5	3.4	1.01	160	6
1468	ST 4946GLB2	0.87	1	16.5	5.3	1.19	188	3.4	1.01	134	16
1511	ST 6182GLT	0.92	1	15.5	5	1.25	186	3.5	1	139	8
1478	PHY 333WRF	0.94	1.05	15	4.6	1.28	188	3.1	1.01	120	13
1404	PHY 499WRF	0.93	1	14	4.4	1.24	196	2.4	1.03	135	12
1512	ST 5115GLT	0.89	1	15	5	1.21	187.5	3.1	1	102	8
1497	PHY 312WRF	0.88	1	16.5	5.4	1.22	184.5	4	0.98	191	16
1441	FM 2484B2F	0.9	1	17	5.5	1.25	181	3.3	1.02	133	17
1476	ST 4747GLB2	0.9	1	17.5	5.7	1.27	183	3	1.03	156	17
1502	PHY 552WRF	0.93	1	14.5	4.4	1.24	180	3.1	1.01	172	8
1510	DP 1538B2XF	0.92	1	12.5	4.2	1.2	188	3.4	0.98	139	9
1507	DP 1553B2XF	0.95	1.05	14.5	4.5	1.28	187	3.6	0.99	119	3
1426	Phytogen 725RF	0.91	1	15	4.9	1.26	181	3.1	1.03	149	22
.	LSD	0.04	0.05	3.1	1.1	0.03	11.8	0.9	0.03	50	9

LOCATION=SUFFOLK, VA

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1510	DP 1538B2XF	1997	2453	44.9	.	.	18.63	3.04	0.84	0.64	1.47
1511	ST 6182GLT	1924	2081	48.1	.	.	19.12	3.46	0.87	0.58	1.44
1507	DP 1553B2XF	1898	2403	44.1	.	.	18.92	2.96	0.86	0.59	1.45
1509	DP 1558NRB2RF	1768	2297	43.5	.	.	19.77	3.12	0.81	0.57	1.38
1502	PHY 552WRF	1765	2196	44.5	.	.	19.84	3.48	0.74	0.59	1.33
1459	PHY 444WRF	1721	2094	45.1	.	.	21.78	3.05	0.76	0.78	1.54
1404	PHY 499WRF	1680	2213	43.2	.	.	20.73	3.13	0.87	0.55	1.43
1501	DP 1555B2RF	1677	1987	45.8	.	.	17.63	3.25	0.62	0.57	1.19
1478	PHY 333WRF	1647	1963	45.5	.	.	22.66	2.96	0.94	0.63	1.57
1512	ST 5115GLT	1563	2255	40.9	.	.	21.34	2.76	0.75	0.63	1.38
1497	PHY 312WRF	1504	2050	42.3	.	.	23.07	3.05	1	0.71	1.71
1476	ST 4747GLB2	1495	2121	41.3	.	.	23.2	2.98	0.75	0.58	1.33
1468	ST 4946GLB2	1455	2246	39.3	.	.	19.92	2.67	0.96	0.63	1.58
1441	FM 2484B2F	1423	1946	42.2	.	.	21.74	2.99	0.91	0.63	1.54
1412	DP 0912B2RF	1411	2574	36.1	.	.	19.27	2.66	0.93	0.64	1.57
1426	Phytogen 725RF	1183	1825	39.3	.	.	22.46	3.17	0.69	0.5	1.19
.	LSD	214	325	3.3	.	.	1.87	0.34	0.08	0.06	0.13

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1510	DP 1538B2XF	4.75	0.86	1.146	84.8	6.9	30.2	9	81.2	7.7	7	74.79
1511	ST 6182GLT	4.85	0.87	1.16	84.7	6.8	28.9	7.8	82	7.5	4	67.14
1507	DP 1553B2XF	4.62	0.86	1.218	85.8	6.5	30.1	8.4	82.3	8.1	4	83.21
1509	DP 1558NRB2RF	5.11	0.87	1.217	85.8	6.8	32.2	8.1	80.5	8	7	67.94
1502	PHY 552WRF	4.25	0.85	1.197	85.2	6.7	31.6	7.9	80.6	6.9	6	77.89
1459	PHY 444WRF	4.01	0.85	1.285	85.4	6.1	30.7	7.4	82.1	7.4	4	77.79
1404	PHY 499WRF	4.77	0.86	1.167	85.1	7	31.6	8.8	77.7	7.8	6	71.17
1501	DP 1555B2RF	4.7	0.86	1.207	85	6.9	32.5	8	82.3	7.8	4	82.24
1478	PHY 333WRF	4.34	0.86	1.18	84.8	7.3	31	7.7	77	7.5	6	78.27

1512	ST 5115GLT	4.13	0.85	1.187	83.7	7.6	32.3	7.9	80.7	7	5	69.14
1497	PHY 312WRF	4.59	0.86	1.2	85.2	6.7	31.3	7.9	80.1	7.3	7	73.74
1476	ST 4747GLB2	4.21	0.86	1.227	83.5	7.8	31	6.4	77.9	6.4	5	88.66
1468	ST 4946GLB2	4.74	0.86	1.202	84.9	6.8	32	8.5	80.3	7.8	4	84.61
1441	FM 2484B2F	4.36	0.87	1.254	85	6.8	31.9	6.7	82.9	6.7	4	80.87
1412	DP 0912B2RF	5.11	0.87	1.152	85	7	30.1	8.4	80.9	7.3	5	69.1
1426	Phytogen 725RF	4.61	0.86	1.218	85.5	6.4	35.6	8.4	77.9	8.4	4	95.15
.	LSD	0.28	0.01	0.035	1.4	0.8	1.5	0.6	3.7	0.6	3	12.12

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1510	DP 1538B2XF	0.96	1	10	3.3	1.22	198.5	2	1.03	137	1
1511	ST 6182GLT	0.95	1	10.5	3.3	1.21	192.5	1.9	1.03	136	4
1507	DP 1553B2XF	1.02	1.1	9	2.8	1.29	196	2.4	1.03	110	1
1509	DP 1558NRB2RF	1.02	1.1	9.5	2.7	1.3	206	1.4	1.06	79	1
1502	PHY 552WRF	1	1.1	10	2.9	1.28	185.5	1.9	1.05	128	3
1459	PHY 444WRF	1.03	1.1	12	3.4	1.37	179.5	2.2	1.03	150	3
1404	PHY 499WRF	0.95	1	12.5	3.9	1.23	199	2.3	1.04	127	7
1501	DP 1555B2RF	0.97	1.1	13.5	4.1	1.3	197.5	2	1.06	138	6
1478	PHY 333WRF	0.95	1.05	13.5	4.1	1.25	185.5	2.5	1.03	172	10
1512	ST 5115GLT	0.92	1	15.5	5.1	1.27	182	2.8	1.01	144	2
1497	PHY 312WRF	0.94	1.05	16.5	5.1	1.27	186	3.2	1.01	166	13
1476	ST 4747GLB2	0.95	1.1	15	4.6	1.31	178	2.6	1.03	155	2
1468	ST 4946GLB2	0.98	1.1	11.5	3.4	1.28	193	2.1	1.04	115	1
1441	FM 2484B2F	0.98	1.1	14	4.1	1.33	180	2.7	1.04	135	2
1412	DP 0912B2RF	0.94	1	11	3.5	1.21	204.5	2.2	1.04	125	5
1426	Phytogen 725RF	1.01	1.1	8.5	2.7	1.3	189	1.8	1.06	88	1
.	LSD	0.04	0.05	2	0.8	0.04	7.6	0.4	0.02	47	7

2015 National Cotton Variety Test

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CENTRAL REGION

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

2015 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR CENTRAL BY VARIETIES

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1465	NG 1511B2RF	1295	1581	43	8.6	4.77	18.77	3.22	0.82	0.52	1.34
1404	PHY 499WRF	1247	1566	43	8.4	3.97	19.35	3.25	0.74	0.41	1.15
1427	DP 1044B2RF	1242	1756	40.5	8.1	4.21	18.52	2.96	0.72	0.36	1.08
1436	DP 1219B2RF	1211	1797	41.8	7.8	3.97	18.5	3.16	0.62	0.39	1.01
1438	ALL-TEX NITRO 44B2RF	1197	1800	39.3	6.6	4.79	22.27	3.1	0.75	0.51	1.27
1412	DP 0912B2RF	1195	1866	40.1	8.7	4.06	18.59	2.92	0.74	0.47	1.21
1441	FM 2484B2F	1122	1514	40.9	9.5	4.16	20.73	3.02	0.79	0.44	1.23
1495	Croplan 3787B2RF	1118	1337	43.8	8.1	4.26	16.76	3.34	0.74	0.46	1.2
1426	Phytogen 725RF	755	1186	37.8	7.8	4.79	19.81	3.29	0.55	0.35	0.9
.	LSD	245	360	1.3	3.4	0.47	1.23	0.25	0.07	0.06	0.11

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1465	NG 1511B2RF	4.53	0.86	1.11	83.4	8	29.7	8	77.8	8.8	6	70.51
1404	PHY 499WRF	4.49	0.85	1.124	84.5	7.3	31.6	8.4	76.7	8.6	7	71.32
1427	DP 1044B2RF	4.4	0.85	1.115	83.6	8.3	29.4	8.3	78.6	8.4	7	63.27
1436	DP 1219B2RF	4.25	0.86	1.154	83.5	8	31.4	6.7	79.7	8.7	8	79.11
1438	ALL-TEX NITRO 44B2RF	3.92	0.84	1.208	85.2	6.7	31.5	7.6	77.1	8.1	9	76.75
1412	DP 0912B2RF	4.78	0.86	1.094	83.5	7.9	28.4	7.6	75.9	8.2	6	66.63
1441	FM 2484B2F	4.07	0.86	1.192	83.9	7.6	31.5	6.4	80.7	8.1	7	74.97
1495	Croplan 3787B2RF	4.51	0.86	1.151	84.4	7	29	7.9	77.2	9.6	6	68.69
1426	Phytogen 725RF	4.24	0.85	1.191	84.7	6.7	34.9	7.6	76.4	9.4	6	80.01
.	LSD	0.31	0.01	0.038	1.3	1.2	1.9	0.5	1.2	0.6	3	8.73

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
1465	NG 1511B2RF	0.88	0.97	14.8	5.1	1.17	191	2.5	1.03	103	6
1404	PHY 499WRF	0.87	0.97	15.7	5.3	1.17	191.3	2.5	1.03	116	6
1427	DP 1044B2RF	0.85	0.95	17.8	6.2	1.17	190	3.4	1	119	4
1436	DP 1219B2RF	0.86	0.98	18.5	6.4	1.21	181.7	2.8	1.03	105	4
1438	ALL-TEX NITRO 44B2RF	0.93	1.05	15.3	4.9	1.27	175.5	3.1	1.01	130	8
1412	DP 0912B2RF	0.85	0.93	16.3	5.7	1.14	200.8	2.4	1.04	129	5
1441	FM 2484B2F	0.93	1.03	15	4.9	1.27	181	2.4	1.04	117	7
1495	Croplan 3787B2RF	0.91	1	14	4.7	1.21	188.5	2.6	1.02	95	2
1426	Phytogen 725RF	0.94	1.05	14	4.5	1.27	182.7	2.3	1.05	118	4
.	LSD	0.05	0.06	2.8	1.2	0.04	9.6	0.8	0.03	39	3

CENTRAL REGION SUMMARY BY LOCATION SITES

LOCATION	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
WESLACO, TX	1343	1811	42	8.3	4.26	20.09	2.57	0.83	0.52	1.35
BEEVILLE, TX	1091	1585	39.7	7.9	4.19	17.6	3.56	0.59	0.34	0.93
COLLEGE STATION, TX	1027	1405	41.7	8.2	4.55	20.07	3.29	0.74	0.45	1.19

LOCATION	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
WESLACO, TX	4.39	0.86	1.17	84.5	7	29.7	7.7	79.4	9.3	6	71.32
BEEVILLE, TX	4.03	0.85	1.134	83.7	7.9	31.2	7.7	76.4	8.7	8	71.51
COLLEGE STATION, TX	4.64	0.86	1.143	83.9	7.5	31.5	7.4	77.5	7.9	7	74.25

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	1.01	15	4.9	1.22	185.6	2.7	1.02	115	5
BEEVILLE, TX	0.87	0.98	17.4	6	1.19	183.2	3.3	1.01	135	6
COLLEGE STATION, TX	0.9	0.99	14.8	5	1.21	192.1	2	1.05	93	4

CENTRAL REGION - INDIVIDUAL LOCATION SUMMARIES

LOCATION=COLLEGE STATION, TX

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1465	NG 1511B2RF	1308	1645	43.4	8.7	5.05	19.54	3.43	0.84	0.54	1.39
1436	DP 1219B2RF	1189	1810	42.9	7.6	4.05	18.64	3.34	0.61	0.4	1
1404	PHY 499WRF	1140	1281	43.9	8.5	4.06	20.81	3.41	0.78	0.42	1.2
1441	FM 2484B2F	1069	1394	41	10	4.55	21.94	3.28	0.81	0.49	1.3
1412	DP 0912B2RF	1065	1641	40.2	8.7	4.32	19.72	3.04	0.75	0.45	1.2
1427	DP 1044B2RF	1057	1622	40.7	8.1	4.55	19.46	3.04	0.77	0.39	1.15
1438	ALL-TEX NITRO 44B2RF	890	1328	40.6	9.6	4.77	23.72	3.25	0.79	0.5	1.28
1495	Croplan 3787B2RF	832	964	44.6	8.1	4.34	16.33	3.54	0.75	0.45	1.2
1426	Phytogen 725RF	691	966	38	5	5.24	20.5	3.31	0.6	0.41	1.01
.	LSD	400	926	1.1	5.7	0.98	0.88	0.34	0.08	0.05	0.12

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Yarn Tenacity
1465	NG 1511B2RF	4.77	0.87	1.111	83.2	7.4	30.5	7.7	77.8	7.9	5	70.8
1436	DP 1219B2RF	4.66	0.87	1.15	83.1	8.2	31.7	6.7	79.5	8.4	12	79.98

1404	PHY 499WRF	4.86	0.87	1.108	84.6	7.3	31.7	7.9	76.5	7.8	7	77.05
1441	FM 2484B2F	4.58	0.87	1.206	84.7	7	33.5	6.2	79.7	6.9	8	78.44
1412	DP 0912B2RF	4.95	0.87	1.081	82.9	8.4	28.6	7.3	75.3	7.6	6	74.68
1427	DP 1044B2RF	4.39	0.85	1.109	83.3	9	31.3	8.5	78.4	7.9	6	60.66
1438	ALL-TEX NITRO 44B2RF	4.3	0.85	1.174	84.5	6.8	31.2	7.5	77.3	7.6	8	72.38
1495	Croplan 3787B2RF	4.76	0.87	1.131	84.1	7.3	29.2	7.6	76.7	8.5	7	70.05
1426	Phytogen 725RF	4.48	0.86	1.218	85.1	6.2	36.3	7.6	76.9	8.8	5	84.25
.	LSD	0.62	0.01	0.041	1.7	2.2	1.6	0.6	4	1.5	8	10.33

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1465	NG 1511B2RF	0.88	1	14	4.9	1.17	195.5	1.9	1.05	86	3
1436	DP 1219B2RF	0.86	1	18	6.2	1.21	187.5	2.2	1.06	80	2
1404	PHY 499WRF	0.89	0.95	13.5	4.6	1.17	199	1.6	1.07	74	6
1441	FM 2484B2F	0.99	1.1	11	3.3	1.31	197	1.1	1.1	58	5
1412	DP 0912B2RF	0.84	0.9	16	5.8	1.13	204	1.6	1.07	131	6
1427	DP 1044B2RF	0.83	0.95	20	7.1	1.17	184.5	3.9	1	126	5
1438	ALL-TEX NITRO 44B2RF	0.92	1	14	4.5	1.23	179.5	2.6	1.03	127	9
1495	Croplan 3787B2RF	0.91	1	14	4.7	1.21	195	1.8	1.05	75	1
1426	Phytogen 725RF	0.97	1.05	12.5	3.8	1.3	186.5	1.5	1.08	84	1
.	LSD	0.05	0.09	3.9	1.7	0.05	18.8	1.1	0.04	69	6

LOCATION=WESLACO, TX

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1438	ALL-TEX NITRO 44B2RF	1563	2130	39.7	9.6	5.26	23.69	2.33	0.86	0.66	1.51
1427	DP 1044B2RF	1495	1927	41.5	7.9	4.31	19.34	2.43	0.85	0.46	1.31
1441	FM 2484B2F	1432	1818	43.4	8.6	3.9	21.76	2.44	0.93	0.49	1.42
1436	DP 1219B2RF	1414	2161	43	7.4	3.8	19.08	2.58	0.72	0.48	1.2

1404	PHY 499WRF	1372	1708	43.9	8.2	3.65	19.41	2.58	0.9	0.51	1.41	
1465	NG 1511B2RF	1372	1548	44	8.3	4.83	19.64	2.71	0.94	0.61	1.54	
1412	DP 0912B2RF	1335	2012	40.7	8.3	3.98	18.91	2.63	0.83	0.53	1.36	
1495	Croplan 3787B2RF	1189	1451	43.8	7.6	4.21	18.08	2.79	0.81	0.53	1.34	
1426	Phytogen 725RF	919	1544	38.2	9	4.42	20.87	2.69	0.63	0.4	1.03	
.	LSD	259	630	1.3	0.9	0.97	1.03	0.21	0.08	0.05	0.11	

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1438	ALL-TEX NITRO 44B2RF	3.9	0.84	1.257	86	6.2	30.8	8	77.9	8.3	10	83.22
1427	DP 1044B2RF	4.73	0.86	1.13	84.6	6.9	28.8	8.4	79.8	8.9	7	63.01
1441	FM 2484B2F	4.19	0.86	1.212	84.9	7	30.2	6.5	82.4	9.4	5	70.48
1436	DP 1219B2RF	4.21	0.86	1.197	84.7	7.4	31.6	7	81.3	9.1	6	81.32
1404	PHY 499WRF	4.59	0.86	1.158	84.8	6.8	30.2	8.4	78.9	9.5	4	72.85
1465	NG 1511B2RF	4.54	0.86	1.132	84.3	7.3	28.3	8	80.5	9.5	6	73.54
1412	DP 0912B2RF	4.8	0.87	1.108	83.7	7.7	27.4	7.7	77.3	8.6	6	61
1495	Croplan 3787B2RF	4.4	0.85	1.164	84.2	6.8	28.7	7.9	79.1	10.7	5	63.3
1426	Phytogen 725RF	4.17	0.85	1.174	83.9	7.4	31.9	7.4	77.4	10.1	6	73.17
.	LSD	0.2	0.01	0.057	1.9	1.3	2.5	0.6	2.1	0.9	5	8.56

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1438	ALL-TEX NITRO 44B2RF	0.95	1.1	15	4.7	1.32	175.5	3.3	1.01	97	5
1427	DP 1044B2RF	0.89	0.95	15.5	5	1.17	197	2.8	1.01	103	4
1441	FM 2484B2F	0.93	1	15	4.7	1.26	178.5	2.4	1.04	129	7
1436	DP 1219B2RF	0.89	1	17.5	5.8	1.24	177.5	2.9	1.02	109	5
1404	PHY 499WRF	0.88	1	15.5	5.1	1.19	190	2.6	1.02	150	6
1465	NG 1511B2RF	0.9	1	14	4.7	1.19	188.5	2.6	1.02	110	8
1412	DP 0912B2RF	0.88	0.95	14	4.7	1.16	200.5	2.3	1.04	118	6
1495	Croplan 3787B2RF	0.91	1	14	4.7	1.2	185	2.9	1.01	93	2

1426	Phytogen 725RF	0.93	1.05	14.5	4.8	1.27	177.5	2.9	1.03	132	4
.	LSD	0.07	0.09	4.7	1.9	0.05	12.8	1.2	0.03	30	11

LOCATION=BEEVILLE, TX

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1495	Croplan 3787B2RF	1334	1595	43	8.5	4.23	15.87	3.69	0.66	0.41	1.07
1404	PHY 499WRF	1230	1711	41.3	8.6	4.2	17.84	3.77	0.54	0.3	0.84
1465	NG 1511B2RF	1207	1552	41.6	8.8	4.45	17.12	3.52	0.68	0.43	1.11
1412	DP 0912B2RF	1186	1945	39.2	9	3.88	17.15	3.1	0.66	0.43	1.08
1427	DP 1044B2RF	1174	1719	39.3	8.4	3.77	16.76	3.43	0.55	0.24	0.78
1438	ALL-TEX NITRO 44B2RF	1139	1943	37.5	0.4	4.35	19.39	3.72	0.62	0.39	1.01
1436	DP 1219B2RF	1029	1422	39.5	8.3	4.07	17.79	3.56	0.55	0.3	0.84
1441	FM 2484B2F	866	1329	38.5	9.8	4.03	18.48	3.35	0.64	0.33	0.97
1426	Phytogen 725RF	656	1048	37.3	9.4	4.71	18.06	3.88	0.42	0.25	0.67
.	LSD	218	603	2.1	0.9	0.71	1.11	0.35	0.11	0.05	0.16

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1495	Croplan 3787B2RF	4.37	0.85	1.159	84.9	7	29.1	8.2	75.9	9.5	6	72.73
1404	PHY 499WRF	4.02	0.84	1.107	84.1	8	33	8.9	74.6	8.4	9	64.06
1465	NG 1511B2RF	4.28	0.85	1.088	82.6	9.4	30.4	8.4	75.2	9.2	6	67.18
1412	DP 0912B2RF	4.58	0.86	1.095	83.8	7.5	29.3	7.9	75.1	8.4	7	64.23
1427	DP 1044B2RF	4.07	0.85	1.106	83.1	9.1	28.3	7.9	77.6	8.4	7	66.16
1438	ALL-TEX NITRO 44B2RF	3.57	0.84	1.194	85	7.1	32.5	7.4	76.3	8.5	9	74.65
1436	DP 1219B2RF	3.9	0.85	1.115	82.9	8.4	30.8	6.4	78.3	8.8	7	76.03
1441	FM 2484B2F	3.43	0.84	1.16	82.1	8.8	30.9	6.4	80.1	7.9	8	75.99
1426	Phytogen 725RF	4.08	0.85	1.183	85.2	6.4	36.6	7.8	74.9	9.5	8	82.61
.	LSD	0.45	0.01	0.057	1.7	2.1	2.1	0.6	2.4	0.5	2	15.5

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
1495	Croplan 3787B2RF	0.92	1	14	4.7	1.22	185.5	3.3	1.01	117	4
1404	PHY 499WRF	0.85	0.95	18	6.4	1.16	185	3.3	1.01	124	7
1465	NG 1511B2RF	0.85	0.9	16.5	5.8	1.14	189	2.9	1.02	114	8
1412	DP 0912B2RF	0.82	0.95	19	6.8	1.13	198	3.2	1.02	139	4
1427	DP 1044B2RF	0.85	0.95	18	6.4	1.17	188.5	3.5	1	127	4
1438	ALL-TEX NITRO 44B2RF	0.91	1.05	17	5.7	1.26	171.5	3.6	1.01	166	9
1436	DP 1219B2RF	0.84	0.95	20	7.3	1.18	180	3.3	1.02	127	6
1441	FM 2484B2F	0.87	1	19	6.6	1.23	167.5	3.8	1	164	10
1426	Phytogen 725RF	0.92	1.05	15	5	1.24	184	2.6	1.04	139	8
.	LSD	0.12	0.13	9	3.7	0.08	11.6	1.2	0.03	84	9

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DELTA REGION

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

2015 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR DELTA BY VARIETIES

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1465	NG 1511B2RF	1260	1698	41.7	10.8	5.01	19.26	3.51	0.8	0.58	1.38
1412	DP 0912B2RF	1260	1963	40.1	10.7	4.91	18.77	3.38	0.73	0.5	1.23
1457	DP 1321B2RF	1233	1834	40.7	10.2	4.8	18.35	3.5	0.7	0.54	1.23
1468	ST 4946GLB2	1203	1878	40.2	11.5	5	19.43	3.44	0.7	0.47	1.17
1404	PHY 499WRF	1105	1604	40.9	11.7	5.05	19.39	3.54	0.68	0.49	1.17
1469	PHY 339WRF	1093	1701	39.4	10.5	4.94	19.73	3.66	0.73	0.49	1.22
1477	ST 5289GLT	1040	1652	40.2	10.1	4.65	18.4	3.43	0.79	0.54	1.34
1441	FM 2484B2F	981	1493	40.3	10.9	4.85	20.43	3.63	0.7	0.48	1.18
1461	ST 6448GLB2	959	1530	38.9	10.1	4.7	18.69	3.53	0.74	0.48	1.22
1426	Phytogen 725RF	762	1180	37.4	11.2	5.11	19.97	3.68	0.58	0.43	1
.	LSD	209	413	2	1.5	0.57	1.83	0.24	0.09	0.07	0.15

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1465	NG 1511B2RF	4.7	0.86	1.176	84.7	6.9	32.8	8.2	75.5	8.5	8	77.83
1412	DP 0912B2RF	4.93	0.87	1.161	84.6	7	31.4	7.7	74.8	8.2	8	74.59
1457	DP 1321B2RF	4.78	0.86	1.188	84.8	6.6	32.9	8.7	75.6	8.3	7	78.91
1468	ST 4946GLB2	4.7	0.86	1.191	85.1	6.8	33.5	8.1	75.8	8.3	7	73.73
1404	PHY 499WRF	4.56	0.86	1.207	85.2	6.3	33.4	7.9	74.3	8.2	9	75.74
1469	PHY 339WRF	4.51	0.86	1.224	85.3	6.8	33.4	7.5	75.8	7.7	8	68.63
1477	ST 5289GLT	4.66	0.87	1.192	84.2	7.3	32.5	7	75.4	7.6	9	71.86
1441	FM 2484B2F	4.44	0.86	1.233	85.1	6.7	33.7	6.9	76.9	7.6	8	77.56
1461	ST 6448GLB2	4.51	0.87	1.22	84.2	7	31.4	6.6	75.5	8.2	9	71.56
1426	Phytogen 725RF	4.52	0.86	1.231	84.8	6.3	35.9	7.9	74.8	8.4	8	74.84
.	LSD	0.33	0.01	0.04	0.7	0.6	1.3	0.9	1.4	0.4	2	6.7

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
1465	NG 1511B2RF	0.92	1.02	14.3	4.6	1.24	191.4	2.7	1.02	137	6
1412	DP 0912B2RF	0.92	1.02	13.9	4.4	1.23	197.3	2.6	1.02	108	8
1457	DP 1321B2RF	0.95	1.01	12.7	3.9	1.25	194.1	2.7	1.02	116	7
1468	ST 4946GLB2	0.93	1.03	13.9	4.4	1.25	194.4	2.5	1.03	124	5
1404	PHY 499WRF	0.95	1.04	13.5	4.1	1.27	188.3	2.7	1.01	123	8
1469	PHY 339WRF	0.98	1.09	12.5	3.8	1.31	185.5	2.5	1.03	113	7
1477	ST 5289GLT	0.95	1.03	13.9	4.3	1.27	193.6	2.7	1.03	155	10
1441	FM 2484B2F	0.97	1.06	13.2	4	1.3	181.5	2.6	1.02	127	7
1461	ST 6448GLB2	0.95	1.08	15.6	4.6	1.3	190.5	2.8	1.03	131	9
1426	Phytogen 725RF	0.96	1.05	13.2	4.1	1.29	184.8	2.4	1.03	118	6
.	LSD	0.04	0.05	2.8	0.9	0.06	8.6	0.7	0.03	50	3

DELTA REGION SUMMARY BY LOCATION SITES

LOCATION	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
JACKSON, TN	1353	1938	41.4	10.1	4.95	20.58	3.2	0.87	0.6	1.47
PORTAGEVILLE, MO	1245	2344	34.6	10.5	.	17.86	3.21	0.71	0.53	1.24
STONEVILLE, MS	1048	.	.	11.3	4.48	19.52	3.45	0.77	0.5	1.27
SAINT JOSEPH, LA	1007	1356	42.5	11.8	5.87	18.35	4.16	0.54	0.41	0.95
KEISER, AR	796	975	41.5	10.2	4.32	19.9	3.62	0.69	0.45	1.14

LOCATION	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
JACKSON, TN	4.81	0.86	1.201	85.2	6.5	32.6	8	78.8	9.2	6	76.26
PORTAGEVILLE, MO	4.02	0.85	1.222	84.1	7	32.8	7.4	78.7	7.8	7	66.8
STONEVILLE, MS	4.89	0.87	1.187	84.7	6.6	32.4	7.9	78.5	8.1	7	70.63
SAINT JOSEPH, LA	5.09	0.88	1.195	84.7	7	33.3	7	59.8	7.4	14	73.43
KEISER, AR	4.34	0.85	1.206	85.2	6.6	34.3	7.8	81.3	7.9	6	85.51

LOCATION	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
JACKSON, TN	0.96	1.05	12.9	4	1.27	191.4	2.6	1.01	87	5
PORTAGEVILLE, MO	0.94	1.06	15.9	5	1.31	171.4	4.3	0.96	255	10
STONEVILLE, MS	0.95	1.04	12.9	4	1.26	201.7	1.8	1.07	90	7
SAINT JOSEPH, LA	0.93	1.04	14.4	4.4	1.25	195	2.3	1.04	102	10
KEISER, AR	0.96	1.05	12.4	3.8	1.26	191.3	2	1.05	93	5

DELTA REGION - INDIVIDUAL LOCATION SUMMARIES

LOCATION=SAINT JOSEPH, LA

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1412	DP 0912B2RF	1156	1537	42.8	12.1	6.14	19.38	4.03	0.69	0.48	1.17
1404	PHY 499WRF	1150	1683	40.7	12.7	6.99	20.3	3.78	0.65	0.49	1.14
1426	Phytogen 725RF	1131	1466	43.4	11.3	6.18	17.42	3.98	0.51	0.44	0.96
1461	ST 6448GLB2	1105	1501	42.3	11.3	5.63	19.3	4.23	0.53	0.43	0.96
1468	ST 4946GLB2	1016	1319	43.2	11.7	5.67	18.76	4.21	0.51	0.39	0.89
1441	FM 2484B2F	973	1289	42.6	10.8	6.04	15.51	4.16	0.57	0.42	0.99

1457	DP 1321B2RF	969	1384	41.1	12.3	5.99	19.83	4.2	0.57	0.44	1	
1477	ST 5289GLT	956	1166	44.9	10.4	4.76	15.16	4.51	0.43	0.31	0.74	
1465	NG 1511B2RF	909	1194	42.8	12.5	5.55	20.49	3.98	0.48	0.37	0.84	
1469	PHY 339WRF	701	1017	40.7	12.6	5.8	17.4	4.56	0.48	0.34	0.82	
.	LSD	335	418	3.2	1.8	0.78	2.85	0.44	0.19	0.18	0.37	

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1412	DP 0912B2RF	5.04	0.88	1.233	84.8	7.4	32	6.5	58.1	7.9	16	75.77
1404	PHY 499WRF	4.99	0.88	1.211	85.1	6.5	34.9	6.7	57.8	7.1	13	77.43
1426	Phytogen 725RF	5.24	0.88	1.179	84.3	7.2	33.3	7.5	61.5	7.4	10	65.71
1461	ST 6448GLB2	5.19	0.88	1.17	84.7	6.6	31.8	7.8	58.7	7.9	16	74.53
1468	ST 4946GLB2	5.35	0.88	1.178	84.8	7.5	32	7.8	62.9	7.4	12	69.06
1441	FM 2484B2F	5.38	0.88	1.16	84.7	6.9	32.3	8.1	59.9	7.4	13	74.3
1457	DP 1321B2RF	4.98	0.88	1.197	84.6	6.9	34.5	6.5	60.7	7.3	13	80.01
1477	ST 5289GLT	5	0.88	1.188	85.1	7.2	33.3	7	59.3	7.1	17	68.07
1465	NG 1511B2RF	4.92	0.88	1.211	84.7	7.2	33.7	6.2	59.4	7.8	14	72.8
1469	PHY 339WRF	4.85	0.88	1.23	85	7.1	35.2	6.5	60.2	7.4	14	76.66
.	LSD	0.44	0.02	0.103	1.8	1	4.1	2.2	3	1.1	7	18.56

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1412	DP 0912B2RF	0.93	1.1	18	5.4	1.32	191	3.7	0.99	109	12
1404	PHY 499WRF	0.95	1.05	12.5	3.8	1.25	190.5	2.5	1.02	85	7
1426	Phytogen 725RF	0.89	1	17	5.5	1.22	198	2.7	1.02	103	8
1461	ST 6448GLB2	0.94	1.05	12	3.7	1.23	198	1.6	1.06	106	10
1468	ST 4946GLB2	0.93	1	14	4.4	1.23	205.5	1.7	1.07	100	7
1441	FM 2484B2F	0.9	0.95	14	4.6	1.2	198	2.7	1.01	107	15
1457	DP 1321B2RF	0.98	1.05	12.5	3.7	1.29	190.5	2.5	1.03	73	9
1477	ST 5289GLT	0.93	1	13	4	1.22	200	1.7	1.07	110	12

1465	NG 1511B2RF	0.93	1.05	17	5.3	1.29	187	2.3	1.06	138	10
1469	PHY 339WRF	0.97	1.1	13.5	4	1.31	191.5	1.9	1.07	93	9
.	LSD	0.1	0.11	6	2.1	0.14	18.6	1.1	0.05	56	9

LOCATION=STONEVILLE, MS

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1457	DP 1321B2RF	1318	.	.	10.4	4.58	18.67	3.53	0.77	0.58	1.35
1465	NG 1511B2RF	1303	.	.	10.3	4.88	18.78	3.39	0.93	0.65	1.58
1468	ST 4946GLB2	1182	.	.	12	4.71	20.06	3.3	0.75	0.47	1.22
1412	DP 0912B2RF	1139	.	.	10.7	4.39	18.92	3.03	0.75	0.5	1.25
1404	PHY 499WRF	1127	.	.	17.4	4.44	19.47	3.44	0.77	0.46	1.23
1441	FM 2484B2F	949	.	.	11.2	4	20.87	3.57	0.74	0.48	1.22
1461	ST 6448GLB2	927	.	.	10.1	4.24	19.24	3.42	0.77	0.47	1.24
1469	PHY 339WRF	921	.	.	9.9	4.17	20.59	3.59	0.8	0.51	1.31
1477	ST 5289GLT	911	.	.	10	4.68	19.22	3.38	0.87	0.57	1.45
1426	Phytogen 725RF	700	.	.	10.8	4.71	19.36	3.84	0.56	0.38	0.93
.	LSD	196	.	.	6.9	0.37	1.03	0.47	0.09	0.07	0.16

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1457	DP 1321B2RF	5.26	0.86	1.161	85.2	6.4	31.4	9.3	79.1	8.4	5	72.75
1465	NG 1511B2RF	5.05	0.86	1.155	84.4	6.9	31.8	9.1	79.3	9	7	68.75
1468	ST 4946GLB2	5.01	0.87	1.189	85.4	6.3	34.1	8.1	78.4	8.1	5	70.01
1412	DP 0912B2RF	5.28	0.88	1.162	84.4	6.5	31.3	8	78.9	8.2	9	66.4
1404	PHY 499WRF	5.07	0.87	1.162	85.8	6.4	32.8	8.4	77.2	8.3	6	68.8
1441	FM 2484B2F	4.51	0.87	1.264	85.3	6	32.5	6.7	79.1	7.6	9	73.41
1461	ST 6448GLB2	4.71	0.87	1.224	83.7	7.4	30	6.3	78	7.7	8	72.91
1469	PHY 339WRF	4.58	0.86	1.19	85.1	6.7	33	7.7	79.8	7.6	7	62.26
1477	ST 5289GLT	4.74	0.87	1.173	84.1	7.2	32.4	7.1	78.1	7.6	10	71.68

1426	Phytogen 725RF	4.71	0.86	1.196	83.8	6.5	35.1	8.1	77.6	8.9	7	79.32
.	LSD	0.22	0.01	0.055	1.8	1.2	1.8	0.7	3.4	0.7	4	14.05

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
1457	DP 1321B2RF	0.96	1	10.5	3.3	1.23	212.5	1.5	1.08	80	7
1465	NG 1511B2RF	0.91	1	13	4.3	1.2	207	1.9	1.07	100	4
1468	ST 4946GLB2	0.95	1.05	13.5	4.2	1.26	207	1.9	1.06	69	6
1412	DP 0912B2RF	0.93	1	12.5	3.9	1.21	210.5	1.7	1.08	89	9
1404	PHY 499WRF	0.91	1	15	4.7	1.22	206	2	1.07	99	8
1441	FM 2484B2F	1	1.1	12	3.5	1.33	191	1.9	1.08	105	7
1461	ST 6448GLB2	0.96	1.1	15.5	4.8	1.34	196	2.2	1.05	98	11
1469	PHY 339WRF	0.98	1.05	11.5	3.5	1.28	193	1.7	1.08	82	6
1477	ST 5289GLT	0.98	1.05	11.5	3.4	1.28	201.5	1.7	1.06	76	9
1426	Phytogen 725RF	0.92	1	14	4.8	1.25	192	1.8	1.09	104	3
.	LSD	0.05	0.08	3	1.1	0.07	4.9	0.5	0.02	34	13

LOCATION=JACKSON, TN

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1465	NG 1511B2RF	1662	2127	44.1	9.7	5.06	20.38	3.36	0.97	0.71	1.68
1457	DP 1321B2RF	1572	2209	42.9	10	4.82	18.68	3.12	0.83	0.64	1.47
1412	DP 0912B2RF	1559	2312	40.8	9.9	5.09	19.73	3.15	0.82	0.57	1.39
1469	PHY 339WRF	1536	2140	40.8	9.9	5.08	21.12	3.27	0.88	0.62	1.5
1468	ST 4946GLB2	1457	2232	41.7	10.8	5.3	21.08	3.07	0.88	0.58	1.46
1441	FM 2484B2F	1403	2125	42.5	10.6	5.26	22.29	3.47	0.82	0.56	1.37
1477	ST 5289GLT	1388	2259	39.9	9.9	4.53	21.12	2.8	1.01	0.71	1.72
1404	PHY 499WRF	1185	1534	43.5	9.7	4.56	20.34	3.19	0.84	0.55	1.38
1461	ST 6448GLB2	1051	1511	40.5	9.7	4.67	18.83	3.25	0.9	0.55	1.45

1426	Phytogen 725RF	717	934	37.8	11	5.11	22.29	3.4	0.74	0.54	1.27	
.	LSD	257	657	0.9	0.7	0.91	1.53	0.2	0.09	0.06	0.14	

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1465	NG 1511B2RF	4.9	0.86	1.17	85.4	6.4	31.5	8.9	78.6	9.8	6	77.17
1457	DP 1321B2RF	5.1	0.87	1.18	84.9	6.5	32.3	9.4	78.1	10	5	75.03
1412	DP 0912B2RF	5.14	0.87	1.14	85.1	6.8	31.3	8.1	77.9	9.1	6	76.59
1469	PHY 339WRF	4.69	0.86	1.24	85.9	6.2	31.7	8	79.6	8.9	6	70.91
1468	ST 4946GLB2	4.82	0.86	1.185	85.9	6	32.9	8.4	78.8	9.6	6	73.53
1441	FM 2484B2F	4.37	0.86	1.25	86.3	6.1	34.4	6.6	81.2	8.4	6	80.85
1477	ST 5289GLT	4.93	0.87	1.2	84.4	7.1	31.7	7	79.9	8.8	5	76.79
1404	PHY 499WRF	5.01	0.86	1.18	85.3	6.6	32.2	9.1	77.5	9	8	85.16
1461	ST 6448GLB2	4.65	0.87	1.22	84	7	31.8	6.5	79	9.6	6	69.63
1426	Phytogen 725RF	4.47	0.86	1.24	84.9	6.5	36.3	8	77.9	9.4	7	77.01
.	LSD	0.2	0.01	0.05	1.8	1.4	1.8	0.5	1.1	0.9	2	8.3

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1465	NG 1511B2RF	0.94	1	12	3.9	1.22	192	2.6	0.99	81	6
1457	DP 1321B2RF	0.95	1	12.5	3.9	1.23	198.5	2.5	1	99	4
1412	DP 0912B2RF	0.92	1	12.5	4.1	1.2	202.5	2.3	1.03	89	7
1469	PHY 339WRF	0.98	1.1	13	4	1.31	181.5	3.3	0.97	111	7
1468	ST 4946GLB2	0.95	1.05	12	3.8	1.25	192.5	2.5	1.01	80	2
1441	FM 2484B2F	1	1.1	12.5	3.6	1.34	182.5	2.5	1.04	67	2
1477	ST 5289GLT	0.97	1.05	13	4	1.28	191	3	1	68	5
1404	PHY 499WRF	0.95	1	13	4	1.24	198	2.4	1.02	81	5
1461	ST 6448GLB2	0.99	1.1	13.5	4	1.33	193	2.6	1.02	67	5
1426	Phytogen 725RF	0.95	1.05	14.5	4.5	1.31	182	2.7	1.02	124	6
.	LSD	0.06	0.09	2.3	1	0.06	8.7	0.8	0.02	25	7

LOCATION=PORTAGEVILLE, MO

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1412	DP 0912B2RF	1481	2722	35.3	11	.	17.04	3.26	0.68	0.5	1.17
1468	ST 4946GLB2	1425	2701	34.5	12	.	18.6	3.09	0.72	0.49	1.21
1465	NG 1511B2RF	1419	2446	36.8	11	.	16.43	3.22	0.85	0.63	1.48
1457	DP 1321B2RF	1392	2530	35.5	9	.	16.75	3.24	0.69	0.56	1.25
1469	PHY 339WRF	1387	2598	34.8	10	.	18.29	3.21	0.76	0.52	1.28
1404	PHY 499WRF	1332	2301	36.8	9	.	17.81	3.28	0.52	0.58	1.09
1477	ST 5289GLT	1169	2225	34.5	10	.	15.87	3.03	0.82	0.58	1.4
1441	FM 2484B2F	1025	1996	34	11	.	20.64	3.44	0.69	0.5	1.2
1461	ST 6448GLB2	912	1891	32.5	10	.	17.15	3.03	0.79	0.54	1.33
1426	Phytogen 725RF	912	2030	31	12	.	20.08	3.37	0.59	0.44	1.02
.	LSD	183	329	1.2	2.2	.	1.16	0.48	0.13	0.09	0.21

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1412	DP 0912B2RF	4.89	0.87	1.135	83.8	7.6	30.9	7.9	77.9	7.8	5	71
1468	ST 4946GLB2	4.18	0.85	1.206	84.6	7	33.2	7.9	78.2	8.4	6	69.52
1465	NG 1511B2RF	4.03	0.84	1.171	83.9	7.6	32.7	8.2	79.5	8.3	5	71.93
1457	DP 1321B2RF	4.23	0.85	1.211	84.1	7.1	32.3	9	78.3	7.8	6	66.8
1469	PHY 339WRF	4.11	0.85	1.233	84.7	7	32.1	7.5	78.8	7	7	62.74
1404	PHY 499WRF	3.38	0.84	1.29	84.8	5.7	32.6	6.9	79.6	8	12	60.69
1477	ST 5289GLT	3.82	0.85	1.194	82.9	8.1	32.4	7.1	78.4	7.5	7	61.52
1441	FM 2484B2F	3.95	0.85	1.238	83.2	7.9	34.5	6.5	80.7	7.4	7	70.76
1461	ST 6448GLB2	3.85	0.86	1.247	83.6	7.3	31	6.2	78.6	7.9	9	62.31
1426	Phytogen 725RF	3.82	0.85	1.296	85.2	5.3	36.6	7.5	76.7	8.2	10	70.71
.	LSD	0.54	0.02	0.045	1.8	1.3	1.8	0.5	3.1	0.9	6	7.28

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
1412	DP 0912B2RF	0.9	1	15.5	5.2	1.21	191.5	3.5	0.98	166	8
1468	ST 4946GLB2	0.94	1.05	15	4.8	1.29	173.5	4.1	0.97	239	7
1465	NG 1511B2RF	0.88	1	18.5	6.2	1.24	171	5.1	0.94	293	9
1457	DP 1321B2RF	0.93	1	16	5	1.27	173	4.6	0.94	224	7
1469	PHY 339WRF	0.98	1.1	14	4.2	1.33	172	3.6	0.98	209	10
1404	PHY 499WRF	0.98	1.1	16	5	1.39	158.5	4.9	0.94	255	13
1477	ST 5289GLT	0.89	1	19.5	6.6	1.27	170.5	5.3	0.94	435	18
1441	FM 2484B2F	0.98	1.1	15	4.6	1.37	164	3.9	0.97	249	11
1461	ST 6448GLB2	0.95	1.1	17	5.4	1.35	174.5	4.9	0.97	293	13
1426	Phytogen 725RF	1.02	1.1	12.5	3.6	1.38	165.5	3.5	0.98	187	10
.	LSD	0.06	0.05	3.4	1.6	0.05	12.6	1.5	0.04	129	7

LOCATION=KEISER, AR

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1465	NG 1511B2RF	1008	1024	43.3	10.6	4.54	20.22	3.59	0.78	0.57	1.35
1412	DP 0912B2RF	963	1280	41.5	9.8	4.04	18.82	3.44	0.7	0.47	1.18
1468	ST 4946GLB2	936	1262	41.4	11.2	4.33	18.67	3.53	0.67	0.42	1.09
1469	PHY 339WRF	921	1050	41.4	10.3	4.71	21.27	3.68	0.73	0.47	1.2
1457	DP 1321B2RF	915	1214	43.3	9.5	3.84	17.85	3.42	0.63	0.48	1.11
1461	ST 6448GLB2	799	1217	40.4	9.6	4.28	18.92	3.74	0.73	0.42	1.15
1477	ST 5289GLT	777	957	41.5	10.3	4.64	20.62	3.46	0.84	0.55	1.39
1404	PHY 499WRF	730	899	42.7	9.7	4.23	19.06	4.03	0.62	0.39	1
1441	FM 2484B2F	557	563	42.2	10.7	4.12	22.86	3.54	0.68	0.43	1.11
1426	Phytogen 725RF	350	289	37.5	10.9	4.45	20.7	3.83	0.5	0.36	0.85
.	LSD	154	430	1.1	1.2	0.47	1.27	0.58	0.05	0.05	0.1

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1465	NG 1511B2RF	4.59	0.86	1.174	85	6.5	34.1	8.6	80.6	8	6	98.5
1412	DP 0912B2RF	4.32	0.85	1.135	84.8	6.9	31.6	8	81.1	8	6	83.22
1468	ST 4946GLB2	4.15	0.85	1.197	84.8	7.2	35.5	8.1	80.7	7.9	6	86.55
1469	PHY 339WRF	4.34	0.86	1.228	86	6.9	35.3	7.9	80.9	7.7	6	70.62
1457	DP 1321B2RF	4.33	0.85	1.191	85.4	6.4	34.3	9.2	81.9	8	6	99.99
1461	ST 6448GLB2	4.17	0.86	1.24	85	6.7	32.7	6.4	83.3	8	6	78.41
1477	ST 5289GLT	4.84	0.88	1.207	84.5	6.9	32.6	6.7	81.4	7.2	7	81.27
1404	PHY 499WRF	4.35	0.85	1.194	85.4	6.4	34.4	8.7	79.5	8.9	6	86.63
1441	FM 2484B2F	4.02	0.86	1.253	85.8	6.6	34.7	6.7	83.9	7.5	6	88.51
1426	Phytogen 725RF	4.36	0.85	1.246	86.1	5.9	38.3	8.3	80.4	8.3	7	81.44
.	LSD	0.34	0.02	0.042	1.3	0.8	2.8	0.4	0.7	0.6	1	20.66

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1465	NG 1511B2RF	0.96	1.05	11	3.5	1.25	200	1.9	1.06	75	3
1412	DP 0912B2RF	0.94	1	11	3.6	1.21	191	2	1.04	90	4
1468	ST 4946GLB2	0.91	1	15	5	1.23	193.5	2.3	1.04	134	4
1469	PHY 339WRF	1.01	1.1	10.5	3.3	1.31	189.5	1.9	1.06	74	5
1457	DP 1321B2RF	0.95	1	12	3.9	1.24	196	2.4	1.05	104	7
1461	ST 6448GLB2	0.89	1.05	20	5.3	1.27	191	2.6	1.05	92	8
1477	ST 5289GLT	0.97	1.05	12.5	3.8	1.28	205	1.9	1.08	87	7
1404	PHY 499WRF	0.97	1.05	11	3.3	1.24	188.5	1.7	1.03	95	9
1441	FM 2484B2F	0.97	1.05	12.5	3.9	1.3	172	2.3	1.03	110	2
1426	Phytogen 725RF	1.03	1.1	8	2.4	1.32	186.5	1.3	1.06	73	4
.	LSD	0.08	0.11	5.1	1.5	0.05	11.7	0.7	0.03	58	7

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WESTERN REGION

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

2015 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR WESTERN BY VARIETIES

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1473	DP 1359B2RF	972	1204	44.1	7.8	4.54	20.41	3.04	0.6	0.43	1.03
1412	DP 0912B2RF	964	1328	43	8.8	4.84	20.85	2.84	0.78	0.54	1.31
1441	FM 2484B2F	894	1242	42.8	9.2	4.59	23.64	2.73	0.76	0.53	1.29
1361	PHY 755WRF	887	1312	38.3	9	4.22	22.69	2.82	0.63	0.48	1.11
1404	PHY 499WRF	844	967	44.9	9.2	4.77	22.36	2.94	0.74	0.48	1.23
1474	FM 2322GL	824	918	46.9	8.5	4.8	16.83	3.47	0.46	0.28	0.74
1426	Phytogen 725RF	785	1319	39.5	9.3	4.8	23.35	2.98	0.68	0.5	1.18
.	LSD	226	439	3.5	.	0.6	1.95	0.43	0.1	0.07	0.17

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1473	DP 1359B2RF	4.44	0.86	1.187	83.2	8.7	34.1	7.6	79.3	7.7	10	83.88
1412	DP 0912B2RF	5.11	0.87	1.11	83	8.4	30.4	7.6	76.8	7.3	10	74.79
1441	FM 2484B2F	4.52	0.87	1.205	84.1	7.5	33.3	6.6	80.3	6.5	8	82.97
1361	PHY 755WRF	4.43	0.86	1.231	84.4	6.9	36.2	7.9	77.3	8	8	82.41
1404	PHY 499WRF	4.89	0.86	1.139	84.7	7.3	33.2	8.5	77.3	7.4	7	77.74
1474	FM 2322GL	4.57	0.87	1.17	83.3	8	33.1	6.1	78.2	7	8	95.38
1426	Phytogen 725RF	4.43	0.85	1.185	83.6	7.5	35.5	8.2	77.5	7.9	10	78.2
.	LSD	0.25	0.01	0.042	1.8	1.5	2.6	0.6	2.9	0.7	3	15.96

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
1473	DP 1359B2RF	0.86	1	20.5	7	1.24	187.3	3.5	1.01	156	5
1412	DP 0912B2RF	0.89	0.98	13.3	4.4	1.16	205	2.3	1.04	109	5
1441	FM 2484B2F	0.92	1	15.8	4.9	1.28	184.8	2.6	1.03	145	7
1361	PHY 755WRF	0.96	1.08	12.8	4.1	1.3	188	2.3	1.04	113	4
1404	PHY 499WRF	0.89	1	15.3	4.9	1.19	202	2.6	1.03	111	9
1474	FM 2322GL	0.9	1.03	15.3	5.1	1.23	178.3	2.5	1.04	139	11
1426	Phytogen 725RF	0.92	1.03	13.3	4.4	1.23	186.5	2.7	1.03	125	5
.	LSD	0.06	0.05	4.1	1.7	0.06	9.5	0.7	0.02	31	4

WESTERN REGION SUMMARY BY LOCATION SITES

LOCATION	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
PECOS, TX (IRR)	927	1350	40.3	8.8	4.72	21.06	2.88	0.68	0.46	1.14
LAS CRUCES, NM	836	1018	45.2	.	4.58	21.83	3.07	0.65	0.46	1.11

LOCATION	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
PECOS, TX (IRR)	4.73	0.87	1.145	82.7	8.4	34.1	7.2	78.8	8	7	86.05
LAS CRUCES, NM	4.53	0.86	1.205	84.8	7.1	33.3	7.7	77.4	6.8	10	78.35

LOCATION	Length	Length	Short Fiber Content	Short Fiber Content	UQL	Fine	Immature Fiber	Maturity	Nep	Seed Coat Number

	number	weight	Number	weight	weight	ness	Content	Ratio	count	count
PECOS, TX (IRR)	0.89	1	15.9	5.3	1.22	186.4	3.1	1	147	6
LAS CRUCES, NM	0.92	1.03	14.4	4.6	1.25	194.1	2.2	1.06	109	7

WESTERN REGION - INDIVIDUAL LOCATION SUMMARIES

LOCATION=PECOS, TX (IRR)

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1412	DP 0912B2RF	1123	1647	41.6	8.8	4.95	20.23	2.77	0.84	0.57	1.41
1473	DP 1359B2RF	990	1356	40.6	7.8	4.5	18.95	3.03	0.58	0.4	0.97
1361	PHY 755WRF	913	1356	36.2	9	4.1	22.18	2.71	0.64	0.46	1.1
1474	FM 2322GL	911	1089	44.1	8.5	4.9	16.58	3.21	0.48	0.28	0.76
1441	FM 2484B2F	901	1473	38.8	9.2	4.5	23.69	2.78	0.79	0.54	1.33
1426	Phytogen 725RF	851	1601	38.1	9.3	4.95	23.57	2.72	0.7	0.5	1.2
1404	PHY 499WRF	799	932	42.7	9.2	5.15	22.27	2.95	0.77	0.49	1.26
.	LSD	262	628	2.6	0.5	1.13	2.78	0.38	0.05	0.06	0.11

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1412	DP 0912B2RF	5.17	0.88	1.082	81.3	9.5	30.2	7.4	78.8	7.9	7	85.03
1473	DP 1359B2RF	4.61	0.87	1.146	81.7	9.6	34.2	7.3	80.4	7.8	7	86.34
1361	PHY 755WRF	4.48	0.86	1.194	83.4	7.5	37.4	7.5	77.8	8.6	7	83.97
1474	FM 2322GL	4.76	0.88	1.13	81.9	9.1	32.9	5.8	78.9	7.6	7	98.39
1441	FM 2484B2F	4.69	0.87	1.181	83.2	7.8	34.3	6.5	79.6	7.2	7	80.6
1426	Phytogen 725RF	4.44	0.86	1.153	82.8	8.2	35.1	7.7	77.8	8.6	8	80.31
1404	PHY 499WRF	4.97	0.87	1.133	84.5	7.3	34.5	8.4	78.4	8.1	6	87.69
.	LSD	0.25	0.01	0.038	1	1.1	2.3	0.6	2.6	0.6	2	30.42

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
1412	DP 0912B2RF	0.88	0.95	14	4.8	1.16	195.5	2.8	1	134	6
1473	DP 1359B2RF	0.84	1	21.5	7.7	1.21	185.5	4.1	0.99	177	5
1361	PHY 755WRF	0.95	1.05	13.5	4.3	1.28	183	2.7	1.01	128	4
1474	FM 2322GL	0.86	1	17.5	6.2	1.19	176	3	1.01	169	12
1441	FM 2484B2F	0.93	1	14.5	4.5	1.27	182	2.7	1.01	157	7
1426	Phytogen 725RF	0.89	1	15	5.1	1.22	182.5	3.2	1	149	5
1404	PHY 499WRF	0.9	1	15	4.9	1.19	200	3.2	1	115	7
.	LSD	0.01	0.08	1.2	0.4	0.03	7.1	0.6	0.02	55	7

LOCATION=LAS CRUCES, NM

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1473	DP 1359B2RF	954	1052	47.6	.	4.58	21.88	3.06	0.63	0.47	1.1
1404	PHY 499WRF	889	1002	47	.	4.4	22.46	2.92	0.72	0.48	1.2
1441	FM 2484B2F	888	1012	46.7	.	4.68	23.59	2.68	0.74	0.52	1.26
1361	PHY 755WRF	861	1268	40.4	.	4.35	23.2	2.93	0.63	0.5	1.13
1412	DP 0912B2RF	806	1009	44.4	.	4.72	21.47	2.91	0.71	0.51	1.21
1474	FM 2322GL	737	748	49.6	.	4.7	17.07	3.74	0.45	0.29	0.73
1426	Phytogen 725RF	720	1037	40.8	.	4.64	23.13	3.24	0.67	0.5	1.16
.	LSD	233	290	0.9	.	0.44	1.66	0.21	0.05	0.05	0.09

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity

1473	DP 1359B2RF	4.28	0.86	1.228	84.6	7.8	34	7.9	78.2	7.6	13	81.43
1404	PHY 499WRF	4.82	0.86	1.145	84.9	7.4	31.9	8.6	76.1	6.7	9	67.79
1441	FM 2484B2F	4.35	0.86	1.229	85	7.2	32.4	6.7	81.1	5.7	9	85.34
1361	PHY 755WRF	4.38	0.85	1.268	85.4	6.2	35	8.3	76.9	7.5	9	80.86
1412	DP 0912B2RF	5.06	0.87	1.138	84.8	7.3	30.6	7.7	74.8	6.8	13	64.55
1474	FM 2322GL	4.38	0.87	1.21	84.8	7	33.3	6.4	77.5	6.5	9	92.37
1426	Phytogen 725RF	4.43	0.85	1.217	84.3	6.9	35.9	8.7	77.3	7.2	11	76.1
.	LSD	0.41	0.01	0.055	1.8	1	2.3	0.4	3.2	1.1	6	19.3

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
1473	DP 1359B2RF	0.89	1	19.5	6.4	1.27	189	2.9	1.04	136	6
1404	PHY 499WRF	0.89	1	15.5	5	1.19	204	2	1.06	108	12
1441	FM 2484B2F	0.92	1	17	5.3	1.29	187.5	2.6	1.05	132	7
1361	PHY 755WRF	0.98	1.1	12	3.8	1.32	193	1.9	1.07	97	5
1412	DP 0912B2RF	0.9	1	12.5	4.1	1.16	214.5	1.7	1.07	84	5
1474	FM 2322GL	0.95	1.05	13	4.1	1.28	180.5	2	1.06	109	11
1426	Phytogen 725RF	0.95	1.05	11.5	3.7	1.25	190.5	2.1	1.06	101	5
.	LSD	0.05	0.09	2.9	1	0.05	8.4	0.5	0.02	48	11

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PIMA REGION

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

2015 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR PIMA BY VARIETIES

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1513	DP 348RF	1369	2190	39.6	14.4	3.16	23.87	3.66	0.59	0.64	1.23
1471	DP 358RF	1288	2128	38.6	13.8	3.05	23.69	3.74	0.58	0.63	1.2
1472	PHY 811RF	1256	2069	38.8	14.7	3.1	23.88	3.79	0.59	0.63	1.22
1432	PHY 805	1246	1947	40.1	12.9	3.01	23.25	3.72	0.55	0.58	1.13
.	LSD	259	312	0.6	.	.	1.57	0.82	0.06	0.07	0.11

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1513	DP 348RF	3.81	0.85	1.411	87.5	4.8	45.4	7.1	69.4	10.7	10	94.02
1471	DP 358RF	3.72	0.85	1.439	88.3	4.8	45.1	7.2	69.7	10.4	12	90.66
1472	PHY 811RF	3.83	0.85	1.42	87.6	4.8	45.7	7.2	68.4	10.4	9	97.99
1432	PHY 805	3.85	0.86	1.426	87.6	4.8	47.6	7	70	10.6	9	107.5
.	LSD	0.44	0.01	0.024	2.1	0.1	3.5	0.5	2.7	0.8	6	31.96

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
1513	DP 348RF	1.1	1.2	11.5	3	1.5	162.8	2	1.06	169	6
1471	DP 358RF	1.08	1.2	13.3	3.4	1.51	156.5	2.6	1.04	199	8
1472	PHY 811RF	1.08	1.2	12.8	3.3	1.51	160	2.5	1.05	175	7
1432	PHY 805	0.98	1.1	11.8	3.1	1.36	150	2	0.97	176	5
.	LSD	0.19	0.23	3.8	1.1	0.27	37	0.5	0.2	68	9

PIMA REGION SUMMARY BY LOCATION SITES

LOCATION	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
CORCORAN, CA	1962	3281	37.4	13.9	.	24.03	3.97	0.58	0.63	1.21
LAS CRUCES, NM	618	886	41.1	.	3.08	23.32	3.48	0.58	0.6	1.18

LOCATION	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
CORCORAN, CA	3.93	0.85	1.427	87.6	4.7	43.6	7.2	67.5	10.7	10	87.31
LAS CRUCES, NM	3.67	0.85	1.421	87.9	4.9	48.3	7	71.2	10.4	10	107.8

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
CORCORAN, CA	1.08	1.2	13.4	3.5	1.51	159.8	2.3	1.04	184	8
LAS CRUCES, NM	1.04	1.15	11.3	2.9	1.43	154.9	2.2	1.01	175	6

PIMA REGION - INDIVIDUAL LOCATION SUMMARIES

LOCATION=CORCORAN, CA

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1513	DP 348RF	2094	3473	37.6	14.4	.	24.01	3.68	0.59	0.65	1.24
1432	PHY 805	1958	3153	38.3	12.9	.	23.51	3.9	0.55	0.58	1.13
1471	DP 358RF	1939	3314	36.9	13.8	.	24.57	4.1	0.6	0.67	1.26
1472	PHY 811RF	1856	3184	36.8	14.7	.	24.03	4.21	0.57	0.65	1.22
.	LSD	83	123	1	1.1	.	1.52	0.61	0.03	0.03	0.07

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1513	DP 348RF	3.81	0.85	1.407	86.8	4.7	42.5	7.3	66.6	10.9	11	88.88
1432	PHY 805	3.97	0.86	1.435	88	4.7	45.8	7.1	68.6	10.9	9	87.3
1471	DP 358RF	3.96	0.85	1.442	88.5	4.7	43.6	7.3	68.2	10.3	10	85.48
1472	PHY 811RF	3.99	0.85	1.424	87.3	4.7	42.6	7.1	66.7	10.7	10	87.59
.	LSD	0.15	0.01	0.037	3.2	0.2	3.7	0.8	3.8	0.6	5	19.54

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
1513	DP 348RF	1.1	1.2	11.5	3	1.51	160	2	1.05	187	10
1432	PHY 805	1.07	1.2	13.5	3.6	1.49	166	2	1.06	171	4
1471	DP 358RF	1.06	1.2	15	3.9	1.51	154.5	2.8	1.02	185	7
1472	PHY 811RF	1.08	1.2	13.5	3.6	1.52	158.5	2.5	1.04	194	10
.	LSD	0.08	.	4.6	1.6	0.06	16.1	1.3	0.05	155	10

LOCATION=LAS CRUCES, NM

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1472	PHY 811RF	656	954	40.8	.	3.1	23.73	3.37	0.6	0.61	1.21
1513	DP 348RF	645	906	41.6	.	3.16	23.74	3.64	0.59	0.63	1.22
1471	DP 358RF	637	942	40.3	.	3.05	22.82	3.38	0.56	0.6	1.15
1432	PHY 805	534	741	41.9	.	3.01	22.99	3.54	0.56	0.58	1.13
.	LSD	248	343	0.7	.	0.2	2.02	0.13	0.07	0.12	0.16

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1472	PHY 811RF	3.68	0.85	1.416	88	4.9	48.7	7.3	70.2	10.1	8	108.4
1513	DP 348RF	3.8	0.86	1.415	88.3	4.9	48.3	7	72.1	10.5	8	99.16
1471	DP 358RF	3.48	0.84	1.437	88.2	4.9	46.6	7.1	71.2	10.5	14	95.85
1432	PHY 805	3.74	0.86	1.417	87.3	4.9	49.5	6.9	71.5	10.4	9	127.8
.	LSD	0.39	0.01	0.058	0.4	.	6.3	0.7	2.6	0.8	12	21

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
1472	PHY 811RF	1.09	1.2	12	3.1	1.5	161.5	2.5	1.06	156	5
1513	DP 348RF	1.09	1.2	11.5	3	1.49	165.5	2.1	1.07	151	3
1471	DP 358RF	1.09	1.2	11.5	3	1.51	158.5	2.4	1.06	214	8
1432	PHY 805	0.9	1	10	2.6	1.23	134	1.9	0.88	180	7
.	LSD	0.4	0.45	4.8	1.2	0.52	63.5	0.8	0.38	32	11

2015 National Cotton Variety Test

Crop Genetics Research Unit
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REGIONAL HIGH QUALITY

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

2015 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR REGIONAL HIGH QUALITY BY VARIETIES

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1502	PHY 552WRF	1152	1560	42.5	8.4	4.09	17.25	3.62	0.61	0.48	1.09
1459	PHY 444WRF	1138	1529	43	10.4	4.8	19.83	3.36	0.53	0.56	1.09
1457	DP 1321B2RF	1102	1529	42.3	9.8	4.88	19.06	3.46	0.62	0.5	1.11
1498	Ark 0606-50	1101	1579	41.1	11.4	5.28	20.45	3.65	0.67	0.51	1.18
1501	DP 1555B2RF	1070	1418	43.2	9	4.64	16.38	3.54	0.56	0.49	1.05
1506	MD 87	1038	1679	39.1	10.7	4.94	19.04	3.66	0.63	0.53	1.17
1482	DP 1410B2RF	1035	1530	40.6	10.3	4.57	20.41	3.39	0.63	0.54	1.18
1503	FM 1830GLT	1034	1391	42.8	9.5	4.66	16.23	3.74	0.54	0.39	0.93
1483	FM 2334GLT	1020	1374	42.9	9.3	4.62	15.82	3.71	0.53	0.35	0.88
1499	Ark 0701-4	1016	1522	40.2	10.8	5.09	19.49	3.48	0.59	0.43	1.01
1461	ST 6448GLB2	1007	1548	39.9	9.6	4.47	19.18	3.38	0.73	0.48	1.21
1443	MD10-5	1006	1462	41.2	9.8	4.99	18.29	3.59	0.59	0.45	1.04
1500	Ark 0703-10	987	1449	40.4	9.9	4.65	19.72	3.66	0.59	0.47	1.06
1504	LA 11309134	940	1512	38.7	10.5	5.02	20.07	3.43	0.61	0.47	1.09
1441	FM 2484B2F	924	1312	41.8	9.7	4.49	21.59	3.49	0.68	0.48	1.15
1474	FM 2322GL	834	1112	43.7	10.2	4.75	16.34	3.8	0.44	0.3	0.74
1426	Phytogen 725RF	801	1283	38.7	10.7	4.59	20.67	3.58	0.56	0.42	0.97
1505	NM 13P1088	795	1357	37.6	10.5	4.88	21.49	3.49	0.26	0.2	0.47

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1502	PHY 552WRF	4.18	0.85	1.209	85	7.2	33.1	7.3	75	7.2	10	76.53
1459	PHY 444WRF	4.15	0.85	1.254	85	6.8	32.9	7.3	75.5	7.9	8	74.76
1457	DP 1321B2RF	4.63	0.86	1.202	85	6.8	32.7	8.7	74.1	7.7	8	71.91
1498	Ark 0606-50	4.69	0.86	1.219	84.6	7.1	33.2	7.5	74.4	7.7	7	76.67

1501	DP 1555B2RF	4.53	0.86	1.207	84.3	7.5	33	7.6	75.4	7.8	8	71.52
1506	MD 87	4.43	0.86	1.231	85.6	6.5	36.1	6.8	74.2	7.8	7	80.29
1482	DP 1410B2RF	4.3	0.86	1.239	83.8	7.1	33.3	6.9	74.9	7.7	9	75.5
1503	FM 1830GLT	4.44	0.86	1.259	85.1	6.5	33.9	6.7	76.8	7.3	8	79.35
1483	FM 2334GLT	4.55	0.87	1.253	85.2	6.5	33.4	6.5	75.9	7.4	8	81.44
1499	Ark 0701-4	4.68	0.87	1.22	85.3	6.9	33.6	7	73.9	7.7	8	78.16
1461	ST 6448GLB2	4.46	0.87	1.232	84.4	7.2	31.5	6.5	74.4	7.7	9	73.82
1443	MD10-5	4.64	0.87	1.2	84.8	6.9	34.5	7.2	74.2	7.3	8	81.16
1500	Ark 0703-10	4.75	0.87	1.23	85.5	6.6	34.7	7.1	74.5	7.6	9	76.08
1504	LA 11309134	4.32	0.86	1.264	86	6.2	34.7	7.3	74	7.9	10	79.92
1441	FM 2484B2F	4.41	0.86	1.222	84.5	7	33.4	6.7	75.7	7.1	8	76.51
1474	FM 2322GL	4.38	0.87	1.225	84.6	7	34.3	6.4	74.8	7.8	8	78.99
1426	Phytogen 725RF	4.35	0.86	1.24	84.6	6.6	35.4	7.8	73.4	8.2	8	81.06
1505	NM 13P1088	4.5	0.86	1.211	85.2	6.6	35.4	7.7	73.5	7.4	9	81.45

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
1502	PHY 552WRF	0.93	1.04	15.5	4.9	1.27	177.9	3.5	0.99	185	7
1459	PHY 444WRF	0.95	1.07	15.6	4.9	1.32	180.4	3.6	0.99	197	5
1457	DP 1321B2RF	0.93	1.04	14.4	4.6	1.25	190.2	3.3	1	154	9
1498	Ark 0606-50	0.93	1.05	16	5	1.28	191.1	3	1.02	140	7
1501	DP 1555B2RF	0.91	1.03	16.6	5.6	1.26	186.6	3.3	1.01	145	4
1506	MD 87	0.98	1.08	12.2	3.7	1.29	189.5	2.4	1.04	138	6
1482	DP 1410B2RF	0.93	1.04	16.9	5.5	1.31	176.7	3.6	1	173	8
1503	FM 1830GLT	0.97	1.09	14.8	4.4	1.34	182.4	2.9	1.02	116	7
1483	FM 2334GLT	0.98	1.1	13.4	4.1	1.33	182.4	2.6	1.03	117	5
1499	Ark 0701-4	0.95	1.06	13.9	4.3	1.28	191.1	2.5	1.04	127	5
1461	ST 6448GLB2	0.94	1.06	16.4	5.2	1.31	187.9	3.3	1.01	162	7
1443	MD10-5	0.93	1.02	13.5	4.4	1.24	188.9	2.5	1.03	136	6
1500	Ark 0703-10	0.97	1.05	13	4	1.29	194.9	2.3	1.05	118	6
1504	LA 11309134	0.99	1.09	14.1	4.3	1.34	185.6	3	1.02	144	8
1441	FM 2484B2F	0.93	1.04	16	5	1.29	182.6	3.1	1.02	154	6
1474	FM 2322GL	0.94	1.06	15.5	5	1.3	173.8	3.1	1.01	168	9

1426	Phytogen 725RF	0.96	1.07	13.3	4.1	1.31	181.4	2.7	1.02	149	8
1505	NM 13P1088	0.94	1.04	14	4.4	1.27	181.4	2.6	1.03	152	8

REGIONAL HIGH QUALITY REGION SUMMARY BY LOCATION SITES

LOCATION	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
STONEVILLE, MS	1418	2042	40.9	11.3	4.9	19.88	3.1	0.63	0.5	1.13
FLORENCE, SC	1109	1345	45.3	9.8	.	18.74	3.78	0.5	0.4	0.9
LUBBOCK, TX	1071	1635	39.6	9.4	4.93	19.79	3.53	0.58	0.47	1.05
PORTAGEVILLE, MO	981	1935	33.6	10.8	.	16.68	3.4	0.53	0.42	0.95
SAINT JOSEPH, LA	924	1266	42.1	11.1	5.67	17.43	4.12	0.53	0.4	0.93
LAS CRUCES, NM	866	1039	45.5	.	4.6	21.12	3.31	0.68	0.53	1.2
KEISER, AR	632	906	40.7	7.9	3.63	19.09	3.67	0.58	0.42	1

LOCATION	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
STONEVILLE, MS	4.88	0.87	1.276	87	5.6	37.9	7	78.3	8.1	6	92.51
FLORENCE, SC	4.88	0.87	1.148	83	8.2	31.1	7	64.7	7.8	7	72.28
LUBBOCK, TX	4.42	0.86	1.214	83.7	8	32.8	7.7	79.7	7.9	5	77.73
PORTAGEVILLE, MO	3.34	0.84	1.256	84.5	6.7	33.5	7	79.2	7.3	9	68.38
SAINT JOSEPH, LA	5.04	0.88	1.232	85.2	6.6	33.8	6.7	60.2	7.5	14	74.83
LAS CRUCES, NM	4.42	0.86	1.207	84.7	7	32.4	7.5	79	6.8	10	78.33
KEISER, AR	4.28	0.86	1.268	86.3	5.8	35.4	7.3	81.9	7.9	7	78.47

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
STONEVILLE, MS	1.02	1.12	10.9	3.1	1.34	196.3	1.7	1.06	68	5
FLORENCE, SC	0.88	0.99	16.7	5.5	1.21	189.2	3.3	1	129	4
LUBBOCK, TX	0.88	1.01	18.8	6.4	1.26	176.9	4.7	0.96	203	6
PORTAGEVILLE, MO	0.95	1.09	17.1	5.4	1.34	158.3	4.4	0.97	330	12
SAINT JOSEPH, LA	0.96	1.07	14.3	4.3	1.3	198.6	2.2	1.05	99	11
LAS CRUCES, NM	0.93	1.03	14.5	4.7	1.26	184.8	2.7	1.02	106	6
KEISER, AR	1.02	1.11	10.8	3.1	1.33	188.9	1.7	1.07	105	5

REGIONAL HIGH QUALITY REGION - INDIVIDUAL LOCATION SUMMARIES

LOCATION=LUBBOCK, TX

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1503	FM 1830GLT	1233	1679	42.3	9	5	16.92	3.73	0.55	0.42	0.97
1457	DP 1321B2RF	1171	1685	41	9.3	5.28	20.77	3.47	0.6	0.48	1.08
1502	PHY 552WRF	1169	1749	40.1	7.9	4.23	18.46	3.51	0.66	0.52	1.18
1474	FM 2322GL	1168	1460	44.4	9.2	5.25	17.9	4.19	0.49	0.32	0.81
1441	FM 2484B2F	1160	1717	40.3	9.7	4.85	23.44	3.19	0.64	0.45	1.09
1459	PHY 444WRF	1143	1651	40.9	9.7	4.78	22.24	3.29	0.59	0.7	1.28
1498	Ark 0606-50	1113	1655	40.2	10.1	5.3	20.03	3.6	0.68	0.52	1.2
1500	Ark 0703-10	1101	1727	39.3	9.5	4.98	20.12	3.68	0.57	0.48	1.05
1461	ST 6448GLB2	1081	1951	36	8.9	4.43	20.34	3.61	0.87	0.53	1.4
1501	DP 1555B2RF	1079	1416	43.3	8	4.53	16.24	3.53	0.53	0.51	1.04
1482	DP 1410B2RF	1057	1671	38.8	9.4	4.93	20.86	3.43	0.61	0.57	1.17
1504	LA 11309134	1052	1862	36.1	10.2	5.23	21.85	3.39	0.68	0.55	1.22
1506	MD 87	1018	1528	40	8.6	4.93	15.81	3.85	0.51	0.38	0.89
1443	MD10-5	1003	1746	36.5	10.2	5.28	22.27	3.24	0.68	0.63	1.31

1483	FM 2334GLT	999	1366	42.1	8.4	4.6	15.06	3.59	0.58	0.41	0.99	
1499	Ark 0701-4	978	1526	38.9	10.4	5.18	20.15	3.44	0.6	0.44	1.03	
1426	Phytogen 725RF	894	1523	37	10.1	5.18	21.56	3.56	0.55	0.41	0.96	
1505	NM 13P1088	852	1515	36	10.2	4.9	22.31	3.19	0.13	0.11	0.24	
.	LSD	154	294	2.4	0.5	0.74	1.77	0.39	0.1	0.09	0.19	

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1503	FM 1830GLT	4.64	0.87	1.277	84	7	33.6	7.2	81.5	7.5	5	77.79
1457	DP 1321B2RF	4.6	0.85	1.186	84	7.8	32.6	9.4	79.5	8.1	5	73.75
1502	PHY 552WRF	4.13	0.85	1.179	83.3	9.6	32.8	8.2	79.4	7.4	7	78.78
1474	FM 2322GL	4.65	0.87	1.173	83.1	8.4	32.1	6.8	78.6	7.9	6	86.4
1441	FM 2484B2F	4	0.85	1.209	82.3	8.4	32.1	7	81.7	7.4	6	79.43
1459	PHY 444WRF	4	0.85	1.254	83.9	8.1	32.7	7.9	80.8	8.2	5	73.5
1498	Ark 0606-50	4.84	0.87	1.191	82.8	9	31.1	7.9	80.1	7.7	4	64.45
1500	Ark 0703-10	4.86	0.87	1.206	84.5	7.8	33	7.6	79.1	8.3	5	74.33
1461	ST 6448GLB2	4.28	0.86	1.233	83.2	8.5	30.4	6.9	80.4	8	5	82.88
1501	DP 1555B2RF	4.57	0.86	1.175	82.6	9.2	31.4	8.5	80.7	8	5	70.59
1482	DP 1410B2RF	4.09	0.85	1.227	82.7	8.4	33.8	7.4	80	7.9	7	80.26
1504	LA 11309134	4.21	0.85	1.277	84.9	7	34.5	8.1	78.4	8.3	6	82.67
1506	MD 87	4.24	0.86	1.194	83.7	8	32.7	7.7	79.8	7.8	5	79.85
1443	MD10-5	4.46	0.86	1.198	85	7.5	35.1	7.2	78.1	7.9	6	76.62
1483	FM 2334GLT	4.59	0.86	1.268	84.9	7.1	32.3	7.2	81.2	7.7	5	82.56
1499	Ark 0701-4	4.71	0.87	1.203	85	7.6	32.2	7.5	79.3	7.9	4	80.28
1426	Phytogen 725RF	4.47	0.86	1.183	82.3	7.9	33.8	8.4	77.8	8.6	4	74.35
1505	NM 13P1088	4.26	0.85	1.218	84.2	7.2	34.7	8.2	78.1	7.9	6	80.75
.	LSD	0.27	0.01	0.057	1.7	1.2	2.1	0.6	1.7	0.4	1	14.04

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
1503	FM 1830GLT	0.95	1.05	16.5	5.2	1.35	178.5	4.1	0.98	144	6
1457	DP 1321B2RF	0.86	1	19.5	7	1.22	184	5.1	0.95	212	6
1502	PHY 552WRF	0.86	1	21	7	1.24	171.5	5.7	0.94	247	7
1474	FM 2322GL	0.84	0.95	21	7.5	1.21	171.5	4.8	0.97	189	8
1441	FM 2484B2F	0.88	1	20.5	7	1.29	165.5	5.3	0.95	273	5
1459	PHY 444WRF	0.89	1.05	20	6.8	1.31	171	5.8	0.93	270	5
1498	Ark 0606-50	0.88	1	19.5	6.5	1.27	185.5	4.2	0.98	196	7
1500	Ark 0703-10	0.89	1	17.5	6	1.25	187	3.8	0.99	154	3
1461	ST 6448GLB2	0.88	1	20.5	7	1.29	176	5.3	0.95	241	5
1501	DP 1555B2RF	0.83	0.95	22	8.2	1.21	180	5.1	0.95	204	5
1482	DP 1410B2RF	0.85	1	22.5	7.9	1.27	166.5	5.7	0.95	253	7
1504	LA 11309134	0.92	1.05	18	6	1.33	177	5	0.96	210	6
1506	MD 87	0.87	1	18	6.2	1.22	173	5	0.95	225	6
1443	MD10-5	0.92	1.05	15.5	5	1.25	183	3.9	0.98	165	7
1483	FM 2334GLT	0.95	1.1	15.5	4.8	1.33	178.5	3.9	0.99	147	5
1499	Ark 0701-4	0.88	1	17.5	5.9	1.25	185	3.9	0.99	152	3
1426	Phytogen 725RF	0.89	1	16.5	5.7	1.25	179	4	0.97	168	7
1505	NM 13P1088	0.89	1	17	5.8	1.26	171	4.7	0.96	210	6
.	LSD	0.05	0.09	2.9	1.3	0.07	7	0.6	0.02	61	6

LOCATION=SAINT JOSEPH, LA

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1500	Ark 0703-10	1145	1422	44.3	9.7	5.29	15.73	4.35	0.57	0.44	1.01
1443	MD10-5	1064	1529	41.2	11.4	6.13	18.53	3.93	0.52	0.41	0.93
1483	FM 2334GLT	1025	1403	42.3	11.2	5.9	15.6	4.09	0.47	0.36	0.82
1461	ST 6448GLB2	1007	1345	43	11.1	5.61	18.82	4.2	0.58	0.47	1.04
1501	DP 1555B2RF	973	1456	40.2	11.8	5.93	18.47	4.16	0.61	0.42	1.02

1482	DP 1410B2RF	967	1245	43	10.9	4.16	17.81	4.15	0.55	0.43	0.98	
1502	PHY 552WRF	944	1304	42	10.9	5.37	16.36	4.29	0.62	0.42	1.04	
1503	FM 1830GLT	934	1319	41	11	5.69	18.92	4	0.54	0.41	0.96	
1459	PHY 444WRF	915	1255	42.2	10.8	5.9	15.63	3.8	0.47	0.41	0.88	
1498	Ark 0606-50	911	1289	40.8	11.7	5.89	19.55	4	0.51	0.39	0.91	
1426	Phytogen 725RF	894	1193	43	10.9	5.17	18.42	4.14	0.52	0.39	0.91	
1505	NM 13P1088	884	1212	42	11.3	5.8	17.64	4.29	0.53	0.39	0.92	
1504	LA 11309134	882	1266	41.1	11	5.33	17.49	4.18	0.51	0.36	0.87	
1441	FM 2484B2F	865	1144	42.8	10.8	5.91	16.15	4.19	0.53	0.38	0.9	
1499	Ark 0701-4	840	1157	41.9	10.7	6.06	16.47	4.45	0.65	0.44	1.09	
1474	FM 2322GL	831	1132	42.1	11.8	5.65	18.65	3.67	0.33	0.32	0.64	
1457	DP 1321B2RF	809	1103	42.3	11.4	6.15	17.7	4.08	0.48	0.38	0.87	
1506	MD 87	737	1017	42	10.7	6.15	15.79	4.16	0.55	0.38	0.93	
.	LSD	357	445	3	1.6	1.26	3.88	0.64	0.18	0.16	0.32	

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1500	Ark 0703-10	5.02	0.88	1.237	85.7	6.6	34.4	6.8	59.3	7.3	14	71.04
1443	MD10-5	5.05	0.89	1.22	84.9	7.2	34.2	5.8	59.7	7.7	16	84.99
1483	FM 2334GLT	5.34	0.89	1.223	85.2	6.9	34.9	6.3	60.4	7.2	13	90.36
1461	ST 6448GLB2	5.12	0.88	1.243	85.6	5.9	32.3	7.4	59.3	8.1	13	73.88
1501	DP 1555B2RF	4.88	0.88	1.255	86.4	6.1	34.9	6.9	60.1	7.6	12	72.3
1482	DP 1410B2RF	5.15	0.88	1.231	85.4	6.5	34.8	7.1	61.1	8.1	11	71.13
1502	PHY 552WRF	5.21	0.89	1.227	85	6.6	33.6	6.2	60.2	7.3	14	69.36
1503	FM 1830GLT	4.47	0.86	1.242	84.9	6.6	33.2	7.2	62	8.4	12	71.05
1459	PHY 444WRF	5.09	0.88	1.214	85.3	6.9	33.9	7	61	7.3	13	71.26
1498	Ark 0606-50	4.85	0.87	1.221	85.3	6.6	34	6.9	57.6	7.2	14	78.67
1426	Phytogen 725RF	4.82	0.88	1.256	84.7	6.9	33.3	6.4	61.1	7.4	13	75.64
1505	NM 13P1088	5.27	0.89	1.217	85.4	6.7	33.7	6.8	61.2	7.4	13	78.11
1504	LA 11309134	5.08	0.88	1.236	85.6	6.6	33.8	6.6	61.7	7.4	14	75.27
1441	FM 2484B2F	5.32	0.88	1.194	85.2	7.1	33.9	7.2	58.9	7.5	14	68.44
1499	Ark 0701-4	5.06	0.88	1.246	84.4	6.9	33.1	6.3	60.1	7.9	12	71.16
1474	FM 2322GL	4.99	0.88	1.248	85.5	6.5	32.9	6.6	59	7.7	17	76.01
1457	DP 1321B2RF	5.07	0.88	1.244	85.1	6.6	33.9	6.6	60.1	6.9	14	78.22

1506	MD 87	5.03	0.88	1.232	85.3	6.9	34.4	6.7	61.3	7.7	13	70.12
.	LSD	0.45	0.02	0.072	1.7	1.3	3.1	0.8	3.1	1	6	13.02

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
1500	Ark 0703-10	0.95	1.05	13.5	4	1.26	205.5	1.7	1.08	107	11
1443	MD10-5	0.96	1.05	13.5	4.1	1.29	205.5	2	1.07	98	8
1483	FM 2334GLT	0.98	1.1	12	3.6	1.3	203.5	1.7	1.07	86	8
1461	ST 6448GLB2	0.97	1.05	13.5	3.9	1.29	198.5	2.5	1.04	101	8
1501	DP 1555B2RF	0.95	1.05	15	4.6	1.3	198.5	2.7	1.04	114	10
1482	DP 1410B2RF	0.95	1.05	15	4.6	1.31	200.5	2.4	1.05	87	10
1502	PHY 552WRF	0.95	1.05	15	4.5	1.3	200.5	2.3	1.06	97	11
1503	FM 1830GLT	0.96	1.1	15.5	4.8	1.35	185	3.3	1.01	126	12
1459	PHY 444WRF	0.91	1	17	5.4	1.27	199.5	2.6	1.04	96	7
1498	Ark 0606-50	0.98	1.05	13	3.9	1.3	190	1.8	1.07	125	16
1426	Phytogen 725RF	0.99	1.1	14	4.1	1.34	195.5	1.9	1.07	91	7
1505	NM 13P1088	0.95	1.05	15.5	4.6	1.28	208	2.2	1.06	73	6
1504	LA 11309134	0.98	1.1	14	4.2	1.32	201	2.2	1.06	71	9
1441	FM 2484B2F	0.95	1	13	3.9	1.25	206.5	1.8	1.07	100	10
1499	Ark 0701-4	0.98	1.1	13.5	3.9	1.32	198.5	2	1.07	84	11
1474	FM 2322GL	0.99	1.1	14.5	4.2	1.35	185.5	3	1.02	112	12
1457	DP 1321B2RF	0.97	1.1	15.5	4.5	1.35	192.5	2.5	1.05	107	20
1506	MD 87	0.98	1.1	14	4.2	1.31	201	2.1	1.07	109	16
.	LSD	0.06	0.08	4.2	1.4	0.07	13.3	0.9	0.03	49	9

LOCATION=STONEVILLE, MS

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1501	DP 1555B2RF	1843	2360	43.9	9.2	4.9	17.5	2.77	0.62	0.59	1.22

1502	PHY 552WRF	1843	2391	43.5	9.1	4.17	17.23	3.28	0.65	0.59	1.24	
1498	Ark 0606-50	1780	2455	42	12.5	5.92	21.85	2.92	0.79	0.61	1.4	
1457	DP 1321B2RF	1777	2398	42.6	11.1	5.03	20.97	2.8	0.76	0.63	1.39	
1443	MD10-5	1611	2249	41.7	10.1	5.35	17.92	3.43	0.59	0.41	0.99	
1499	Ark 0701-4	1602	2366	40.4	12.5	5.62	21.14	2.91	0.65	0.48	1.12	
1459	PHY 444WRF	1590	2004	44.3	11.9	4.67	20.61	3.24	0.54	0.59	1.13	
1506	MD 87	1511	2606	36.7	12.6	5.13	22.5	3.05	0.79	0.71	1.5	
1504	LA 11309134	1378	2234	38.1	12.1	5.03	21.21	3.11	0.72	0.58	1.3	
1503	FM 1830GLT	1285	1688	43.2	10.7	4.31	15.42	3.53	0.54	0.41	0.95	
1461	ST 6448GLB2	1283	1961	39.5	11.1	4.57	19.18	3.24	0.84	0.54	1.39	
1441	FM 2484B2F	1262	1828	40.9	11.8	4.51	23.31	2.92	0.81	0.56	1.36	
1483	FM 2334GLT	1254	1653	43.1	9.8	4.29	16.31	3.08	0.61	0.39	1	
1500	Ark 0703-10	1235	1964	38.7	12	5.15	21.43	3.16	0.56	0.49	1.05	
1482	DP 1410B2RF	1175	1756	40.1	11.6	5.04	21.58	3.02	0.71	0.63	1.34	
1474	FM 2322GL	1106	1437	43.5	11	5.07	15.64	3.46	0.47	0.3	0.77	
1426	Phytogen 725RF	995	1670	37.3	12.4	4.6	21.83	2.96	0.63	0.46	1.09	
1505	NM 13P1088	992	1744	36.3	11.7	4.86	22.24	3.02	0.11	0.08	0.19	
.	LSD	139	218	0.5	0.4	0.64	1.46	0.37	0.05	0.04	0.08	

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1501	DP 1555B2RF	4.9	0.87	1.256	85.6	6.2	35.8	7.6	80.5	8.3	5	86.28
1502	PHY 552WRF	4.76	0.87	1.238	87	5.8	36.3	7.5	78.8	7.7	9	92.68
1498	Ark 0606-50	5.27	0.88	1.257	86.2	5.9	36.3	7.2	76.7	8	5	82.9
1457	DP 1321B2RF	5.22	0.87	1.229	86.6	5.8	35.9	8.9	78.6	8.6	6	82.63
1443	MD10-5	5.02	0.88	1.239	85.9	6	39.4	7.3	78.6	7.5	8	98.32
1499	Ark 0701-4	5.16	0.88	1.25	87.4	5.6	38.5	6.8	75.6	7.9	6	89.8
1459	PHY 444WRF	4.59	0.86	1.305	87.9	5.2	36.7	7.4	78.2	8.3	5	91.78
1506	MD 87	4.66	0.88	1.308	88.4	5.1	42.7	6.5	78.1	8.4	4	101.1
1504	LA 11309134	4.67	0.87	1.328	87.8	5	37	7.2	78.4	8.8	5	97.4
1503	FM 1830GLT	4.94	0.88	1.302	88.1	5.4	38.9	6.5	80.7	7.6	6	93.34
1461	ST 6448GLB2	5.07	0.89	1.299	86.6	5.9	34.4	6.2	77.4	8.2	12	81.48
1441	FM 2484B2F	4.69	0.87	1.294	87.1	5.5	38.3	6.6	80	7.5	4	98.21
1483	FM 2334GLT	4.8	0.88	1.281	87	5.6	36.8	6.3	81.1	7.4	5	101.7

1500	Ark 0703-10	5.23	0.89	1.264	87.1	5.4	38.8	6.6	78.2	8	6	95.92
1482	DP 1410B2RF	4.69	0.88	1.289	86.5	5.6	36.5	6.5	79.7	8	6	92.54
1474	FM 2322GL	4.74	0.88	1.305	86.5	5.5	41.1	6.1	78.6	8.4	8	95.45
1426	Phytogen 725RF	4.7	0.87	1.315	87.4	5.3	38.7	7.5	75.5	8.9	7	96.99
1505	NM 13P1088	4.78	0.87	1.221	86.4	5.8	39.8	7.9	75.9	8.1	9	86.66
.	LSD	0.29	0.01	0.036	1	0.6	2.9	0.3	1.6	0.6	4	17.49

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
1501	DP 1555B2RF	0.95	1.1	14.5	4.6	1.31	197.5	1.9	1.05	59	2
1502	PHY 552WRF	0.98	1.1	11.5	3.4	1.28	194	1.8	1.04	70	5
1498	Ark 0606-50	0.96	1.1	14	4.1	1.3	209.5	1.9	1.08	57	4
1457	DP 1321B2RF	1	1.1	9	2.8	1.27	209	1.5	1.05	62	2
1443	MD10-5	1	1.05	9.5	2.7	1.29	195	1.6	1.04	59	5
1499	Ark 0701-4	1.02	1.1	9.5	2.9	1.31	210	1.1	1.11	46	1
1459	PHY 444WRF	1.03	1.1	12	3.4	1.36	197	2.2	1.05	98	4
1506	MD 87	1.1	1.2	7.5	1.8	1.39	192	1.5	1.05	41	3
1504	LA 11309134	1.09	1.2	9.5	2.5	1.42	194.5	1.7	1.05	64	5
1503	FM 1830GLT	1.04	1.15	13	3.5	1.39	191.5	2.2	1.05	75	14
1461	ST 6448GLB2	1.03	1.15	13	3.7	1.39	203	2	1.06	65	5
1441	FM 2484B2F	1.04	1.1	11	3.1	1.38	198	1.5	1.08	62	5
1483	FM 2334GLT	1.06	1.15	9	2.5	1.38	191.5	1.5	1.07	57	4
1500	Ark 0703-10	1.04	1.1	9.5	2.6	1.33	209	1.1	1.11	60	6
1482	DP 1410B2RF	1.01	1.1	12.5	3.8	1.36	188	2.1	1.05	77	10
1474	FM 2322GL	1.06	1.15	10	2.9	1.4	181.5	1.5	1.07	74	7
1426	Phytogen 725RF	1.01	1.1	12	3.7	1.37	188.5	1.8	1.06	108	7
1505	NM 13P1088	0.99	1.05	10	2.9	1.29	183.5	1.8	1.04	105	8
.	LSD	0.06	0.09	3.1	1.1	0.04	6.6	0.5	0.02	30	8

LOCATION=FLORENCE, SC

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1499	Ark 0701-4	1569	1983	44.1	10.1	.	19.03	3.79	0.47	0.36	0.82
1500	Ark 0703-10	1361	1751	43.9	10	.	19.02	3.75	0.49	0.43	0.92
1503	FM 1830GLT	1300	1337	49.2	9	.	14.93	3.84	0.47	0.36	0.83
1502	PHY 552WRF	1275	1479	46.7	8	.	18.84	3.73	0.52	0.44	0.97
1498	Ark 0606-50	1245	1508	45.2	12.3	.	21.18	3.92	0.61	0.48	1.08
1506	MD 87	1209	1580	43.3	10.8	.	19.74	4.01	0.52	0.46	0.98
1482	DP 1410B2RF	1197	1486	44.7	10	.	19.71	3.19	0.61	0.53	1.13
1501	DP 1555B2RF	1177	1243	48.5	8.2	.	15.09	4.02	0.47	0.44	0.9
1461	ST 6448GLB2	1168	1460	44.4	9	.	19.27	3.29	0.42	0.33	0.75
1443	MD10-5	1153	1353	46	9.6	.	16.54	4.05	0.51	0.38	0.89
1483	FM 2334GLT	1103	1229	47.3	8.7	.	16.94	4.06	0.48	0.33	0.81
1457	DP 1321B2RF	1084	1274	46	10	.	18.12	3.94	0.53	0.43	0.96
1459	PHY 444WRF	1054	1223	46.5	10.2	.	19.41	3.64	0.41	0.45	0.86
1504	LA 11309134	989	1380	41.6	10.6	.	19.8	3.21	0.41	0.29	0.7
1441	FM 2484B2F	866	987	46.7	9.7	.	22.82	3.87	0.64	0.46	1.1
1426	Phytogen 725RF	834	1120	42.7	10.3	.	20.28	3.97	0.5	0.37	0.86
1505	NM 13P1088	789	1128	41	9.6	.	21.68	3.69	0.63	0.48	1.1
1474	FM 2322GL	593	684	47	9.8	.	14.88	4.09	0.38	0.26	0.63
.	LSD	231	315	2.1	0.8	.	1.67	0.38	0.29	0.2	0.48

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
1499	Ark 0701-4	5.1	0.88	1.135	83.1	8.6	31.5	6.7	64.2	8	6	78.44
1500	Ark 0703-10	5.29	0.89	1.175	84.3	7.2	33.3	6.7	65.2	7.4	9	74.74
1503	FM 1830GLT	4.86	0.87	1.176	83.3	7.8	31.4	6.5	67.1	7.2	9	73.68
1502	PHY 552WRF	4.29	0.85	1.157	84.4	7.5	32.2	7.6	66.7	7.6	7	73.01
1498	Ark 0606-50	5.12	0.88	1.141	83.3	8.5	31.6	7.1	65.2	8.3	6	77.88
1506	MD 87	4.99	0.88	1.146	84.5	7	32.9	6.4	63.8	8.3	6	78.24
1482	DP 1410B2RF	4.7	0.87	1.171	80.5	9.5	29.8	6.6	64.3	8	8	65.08

1501	DP 1555B2RF	5.19	0.88	1.081	80.9	10.2	28.5	7.1	64.3	8.1	8	53.87
1461	ST 6448GLB2	5.1	0.88	1.138	82.5	8.8	28.9	6.2	63.6	7.2	8	70.22
1443	MD10-5	4.96	0.87	1.114	82.8	8.2	30.4	7.3	65.3	7.9	6	76.17
1483	FM 2334GLT	4.84	0.88	1.179	82.9	7.9	30	6.3	65.2	7.3	7	68.4
1457	DP 1321B2RF	5.23	0.87	1.115	83.6	7.8	29.4	8.7	63.6	7.6	8	63.28
1459	PHY 444WRF	4.6	0.86	1.16	82.5	8.8	30.1	7.2	64.7	8.4	7	61.88
1504	LA 11309134	4.87	0.87	1.184	84.5	7.6	31.9	7	62.6	8	7	73.14
1441	FM 2484B2F	4.96	0.88	1.14	82.5	8	29.8	6.3	64	7.3	7	65.81
1426	Phytogen 725RF	4.59	0.86	1.176	82.7	7.6	32.7	8.4	63.4	8.3	7	77.71
1505	NM 13P1088	4.75	0.87	1.135	83.7	7.5	33.4	7.7	65.4	7.4	7	92.3
1474	FM 2322GL	4.47	0.87	1.15	82.3	8.7	31.9	6.4	66.3	8.4	7	77.26
.	LSD	0.81	0.02	0.069	2.6	1.9	2.9	0.6	4	0.7	3	17.92

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
1499	Ark 0701-4	0.88	1	16.5	5.4	1.2	198.5	2.4	1.04	100	4
1500	Ark 0703-10	0.92	1	14	4.3	1.23	202.5	1.9	1.05	88	5
1503	FM 1830GLT	0.92	1	15	4.7	1.23	196	2.3	1.04	89	3
1502	PHY 552WRF	0.89	1	16.5	5.4	1.22	169.5	4.8	0.92	167	4
1498	Ark 0606-50	0.87	1	18	5.7	1.2	196.5	3.1	1.02	131	7
1506	MD 87	0.91	1	12.5	3.9	1.18	211.5	2	1.06	120	3
1482	DP 1410B2RF	0.85	0.95	20	6.9	1.22	173.5	4.9	0.93	141	4
1501	DP 1555B2RF	0.83	0.95	19	6.7	1.16	185	3.8	0.95	95	1
1461	ST 6448GLB2	0.88	1	19.5	6.3	1.23	198.5	3.5	1	129	7
1443	MD10-5	0.86	0.95	15.5	5.5	1.16	197	2.6	1.03	115	3
1483	FM 2334GLT	0.89	1	18.5	6	1.26	185	3.6	1	116	2
1457	DP 1321B2RF	0.86	0.95	18	6.1	1.18	188	4.7	0.92	150	5
1459	PHY 444WRF	0.9	1	17	5.5	1.24	176.5	4.3	0.93	149	4
1504	LA 11309134	0.92	1	15	4.9	1.25	195.5	3	1	107	3
1441	FM 2484B2F	0.83	0.95	19.5	6.8	1.17	188	3.3	1.01	144	4
1426	Phytogen 725RF	0.92	1.05	14.5	4.6	1.25	183	3	1.01	143	6

1505	NM 13P1088	0.89	1	14.5	4.9	1.19	186	2.4	1.04	155	10
1474	FM 2322GL	0.88	1	17	5.6	1.23	175	3.5	1	178	4
.	LSD	0.05	0.09	3.2	1.3	0.08	20.9	1.4	0.05	75	4

LOCATION=PORTAGEVILLE, MO

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1457	DP 1321B2RF	1246	2161	36.5	10	.	16.46	3.08	0.6	0.49	1.09
1499	Ark 0701-4	1198	2382	33.5	11	.	17.28	3.34	0.53	0.39	0.91
1459	PHY 444WRF	1136	2019	36	12	.	18.02	3.24	0.5	0.55	1.05
1502	PHY 552WRF	1085	1900	36.3	8	.	13.99	3.23	0.55	0.44	0.98
1506	MD 87	1082	2378	31.3	12	.	16.27	3.63	0.69	0.59	1.28
1498	Ark 0606-50	1067	2068	34	12	.	19.08	3.54	0.66	0.49	1.15
1443	MD10-5	1043	2049	33.8	10	.	16.62	3.44	0.58	0.44	1.02
1482	DP 1410B2RF	1028	2064	33.3	12	.	20.29	3.24	0.61	0.54	1.15
1503	FM 1830GLT	990	1897	34.3	10	.	13.28	3.6	0.46	0.35	0.8
1441	FM 2484B2F	990	1986	33.3	11	.	19.29	3.3	0.66	0.47	1.14
1426	Phytogen 725RF	954	2023	32	12	.	18.23	3.67	0.54	0.4	0.94
1504	LA 11309134	897	1906	32	11	.	17.43	3.4	0.56	0.46	1.01
1505	NM 13P1088	876	1971	30.8	11	.	19.82	3.27	0.13	0.11	0.25
1500	Ark 0703-10	867	1801	32.8	11	.	18.64	3.67	0.5	0.43	0.93
1483	FM 2334GLT	855	1642	34.3	9	.	11.98	3.48	0.47	0.31	0.78
1461	ST 6448GLB2	808	1731	31.8	10	.	15.82	3.14	0.66	0.42	1.08
1474	FM 2322GL	772	1385	35.8	12	.	15.3	3.76	0.4	0.28	0.68
1501	DP 1555B2RF	760	1467	34	10	.	12.46	3.25	0.47	0.41	0.87
.	LSD	162	284	1.7	2.2	.	2.62	0.33	0.07	0.07	0.13

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1457	DP 1321B2RF	3.23	0.83	1.219	84.4	7.3	31.6	8.4	78.7	7.5	9	61.98
1499	Ark 0701-4	3.42	0.84	1.259	85.4	6.7	33.8	6.9	79.7	7.3	8	69.39
1459	PHY 444WRF	2.8	0.83	1.278	83.8	6.4	32.4	6.9	80.2	8.1	7	66.08
1502	PHY 552WRF	2.97	0.83	1.226	84.8	7.4	33.6	7.1	78.7	6.8	11	67.16
1506	MD 87	3.52	0.84	1.255	85.5	6.4	36	6.7	78.2	7.6	8	64.92
1498	Ark 0606-50	3.42	0.84	1.259	84	7.2	32.2	7.4	79.2	7.6	8	71.82
1443	MD10-5	3.74	0.85	1.244	83.7	6.8	33.9	7.4	77.6	7	7	66.94
1482	DP 1410B2RF	3.03	0.83	1.267	83.5	6.8	32.8	6.9	78.5	7	11	62.9
1503	FM 1830GLT	3.51	0.85	1.284	85	5.8	33.6	6.5	81.2	6.9	6	82.91
1441	FM 2484B2F	3.63	0.85	1.272	85.2	6.3	34.3	6.4	80.1	6.8	8	69.94
1426	Phytogen 725RF	3.4	0.84	1.26	83.7	7	34.9	7.4	78.9	8.3	9	67.16
1504	LA 11309134	3.05	0.83	1.294	85.7	5.5	34.2	7.1	77.7	7.4	14	73.84
1505	NM 13P1088	3.64	0.84	1.221	85.5	6.5	34.6	7.5	76.9	7	8	69.26
1500	Ark 0703-10	3.7	0.85	1.253	84.8	6.6	33.6	6.9	80	7.4	10	72.07
1483	FM 2334GLT	3.62	0.85	1.274	85	6.2	32.9	6.6	81	6.9	6	68.8
1461	ST 6448GLB2	3.17	0.84	1.241	83.6	7.8	31.5	6.4	78.8	7.6	8	60.11
1474	FM 2322GL	3.36	0.85	1.256	83.9	6.6	35.5	6.2	79.5	7.5	8	68
1501	DP 1555B2RF	2.9	0.82	1.246	83.9	7.7	32.5	7.4	80.7	7.4	9	67.58
.	LSD	0.4	0.01	0.027	0.8	0.9	2.1	0.3	1.6	0.5	4	11.93

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1457	DP 1321B2RF	0.92	1.05	17	5.5	1.28	159.5	5.1	0.94	346	11
1499	Ark 0701-4	0.94	1.1	17.5	5.4	1.34	153.5	4.6	0.95	326	13
1459	PHY 444WRF	0.92	1.1	20	6.5	1.38	152	5.6	0.94	513	10
1502	PHY 552WRF	0.93	1.05	18	5.8	1.32	153	5	0.95	441	12
1506	MD 87	1.02	1.1	12	3.7	1.35	170.5	2.8	1.02	269	13
1498	Ark 0606-50	0.93	1.1	18	5.8	1.34	157.5	4.9	0.94	300	9
1443	MD10-5	0.92	1.05	16.5	5.6	1.28	166	3.8	0.99	324	8
1482	DP 1410B2RF	0.93	1.1	19	6.2	1.36	147.5	5.2	0.95	418	21

1503	FM 1830GLT	0.99	1.1	17	5	1.41	163.5	3.8	0.99	200	6
1441	FM 2484B2F	0.99	1.1	15	4.5	1.37	160	3.9	0.98	266	9
1426	Phytogen 725RF	0.95	1.1	16	5	1.35	152.5	4.5	0.95	351	14
1504	LA 11309134	0.96	1.1	18.5	5.8	1.39	158	4.8	0.97	319	15
1505	NM 13P1088	0.94	1.1	15.5	4.8	1.3	161.5	3.2	1.01	301	16
1500	Ark 0703-10	0.98	1.1	15	4.5	1.35	160.5	4.1	0.97	245	10
1483	FM 2334GLT	1.01	1.1	14	4.2	1.4	163	3.7	1	216	8
1461	ST 6448GLB2	0.92	1.1	19	6.3	1.35	165	4.8	0.97	341	10
1474	FM 2322GL	0.92	1.1	19	6.1	1.33	155.5	4.5	0.97	386	16
1501	DP 1555B2RF	0.89	1	21	7	1.32	150.5	5.7	0.93	383	10
.	LSD	0.05	0.06	3.7	1.5	0.03	11.8	1.2	0.03	165	7

LOCATION=LAS CRUCES, NM

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1459	PHY 444WRF	1251	1415	47	.	5.07	22.88	3.27	0.66	0.72	1.38
1483	FM 2334GLT	1080	1143	48.8	.	4.53	19.06	3.46	0.66	0.41	1.07
1502	PHY 552WRF	1079	1209	47.2	.	3.86	18.66	3.38	0.65	0.5	1.16
1482	DP 1410B2RF	974	1193	45	.	4.94	22.61	3.13	0.73	0.6	1.33
1503	FM 1830GLT	953	1039	47.9	.	4.75	18.45	3.44	0.67	0.47	1.13
1457	DP 1321B2RF	953	1181	44.9	.	4.67	20.31	3.36	0.74	0.61	1.35
1501	DP 1555B2RF	927	989	48.4	.	4.4	18.7	3.38	0.71	0.62	1.32
1500	Ark 0703-10	926	1163	44.4	.	4.71	21.52	3.38	0.7	0.57	1.26
1506	MD 87	910	1205	43	.	4.42	21.74	3.31	0.7	0.64	1.34
1498	Ark 0606-50	899	1100	44.9	.	4.54	21.55	3.53	0.79	0.6	1.39
1504	LA 11309134	781	1032	43.2	.	5.12	22.49	3.29	0.77	0.59	1.36
1441	FM 2484B2F	781	894	46.6	.	4.47	24.7	3.16	0.83	0.59	1.42
1443	MD10-5	774	859	47.4	.	4.5	18.07	3.39	0.64	0.47	1.11
1461	ST 6448GLB2	768	962	44.4	.	4.23	21.54	3.09	0.93	0.59	1.52
1499	Ark 0701-4	739	955	43.7	.	4.74	22.67	2.78	0.75	0.55	1.29
1426	Phytogen 725RF	698	961	42.1	.	4.24	23.05	3.25	0.65	0.5	1.14

1505	NM 13P1088	607	915	40.2	.	4.75	24.89	3.36	0.23	0.17	0.4	
1474	FM 2322GL	491	482	50.4	.	4.78	17.36	3.67	0.47	0.3	0.77	
.	LSD	282	356	1.4	.	0.47	1.71	0.33	0.07	0.08	0.14	

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1459	PHY 444WRF	4.27	0.86	1.259	85.5	7	30.2	7.5	80	7.2	8	81.73
1483	FM 2334GLT	4.41	0.86	1.254	85.9	6.2	31.7	7	81.9	6.9	8	72.53
1502	PHY 552WRF	4.12	0.85	1.181	83.7	7.6	30.4	7.6	78.6	6.4	16	81.08
1482	DP 1410B2RF	4.38	0.86	1.201	83.9	7.3	31.4	7.1	79	7.4	10	79.69
1503	FM 1830GLT	4.44	0.87	1.246	84.2	7.3	31.9	6.5	80.9	6.4	8	76.97
1457	DP 1321B2RF	4.59	0.85	1.21	85	6.6	31.4	9.5	76.3	7	9	65.08
1501	DP 1555B2RF	4.89	0.86	1.206	84.8	7.1	32.8	8.3	78.9	6.9	8	73.15
1500	Ark 0703-10	4.78	0.87	1.203	85.4	6.9	33.8	7	79.3	6.5	13	74.9
1506	MD 87	4.15	0.85	1.191	85.1	6.7	35.6	7.4	78.2	6.5	7	86.26
1498	Ark 0606-50	4.45	0.86	1.205	84.6	7	32.9	8.3	80.1	7.1	7	78.86
1504	LA 11309134	4.08	0.85	1.232	86.1	6.6	34.3	7.8	79.1	6.8	12	74.06
1441	FM 2484B2F	4.4	0.86	1.208	83.7	7.6	31.1	6.6	80.7	6.1	8	77.2
1443	MD10-5	4.49	0.86	1.141	84.4	7.4	31.7	7.7	79.7	6.1	10	80.54
1461	ST 6448GLB2	4.51	0.87	1.206	83.7	7.4	29.7	6.4	78.7	6.9	10	75.44
1499	Ark 0701-4	4.83	0.87	1.199	85.6	7.1	31.7	7.5	77.4	6.5	12	78.03
1426	Phytogen 725RF	4.18	0.85	1.218	84.8	6.4	36.5	8.7	77.3	7.4	10	93.84
1505	NM 13P1088	4.3	0.86	1.207	85.1	6.8	34.5	8	77.5	6.4	10	86.32
1474	FM 2322GL	4.26	0.86	1.168	84.1	7.8	31.9	6.2	78.6	7.5	7	74.39
.	LSD	0.32	0.01	0.049	1.5	1	2.2	0.7	2.6	1.1	7	16.82

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1459	PHY 444WRF	0.99	1.1	13	4	1.33	186	2.7	1.02	119	6

1483	FM 2334GLT	0.96	1.1	14	4.3	1.29	178.5	2.9	1.02	102	2
1502	PHY 552WRF	0.92	1	15	4.8	1.24	177	3.4	0.99	151	5
1482	DP 1410B2RF	0.92	1	16.5	5.4	1.28	182	2.5	1.04	123	5
1503	FM 1830GLT	0.96	1.1	15	4.6	1.33	181.5	2.8	1.03	92	7
1457	DP 1321B2RF	0.94	1	12.5	3.9	1.24	198	2.2	1.03	106	12
1501	DP 1555B2RF	0.95	1.05	13.5	4.3	1.26	200	1.7	1.07	71	3
1500	Ark 0703-10	0.95	1	12.5	4	1.24	201	2	1.06	68	3
1506	MD 87	0.94	1	13	4.2	1.23	182.5	2.3	1.03	99	1
1498	Ark 0606-50	0.9	1	17	5.6	1.25	188	3.5	1	108	5
1504	LA 11309134	0.96	1.05	14	4.4	1.3	181.5	3.2	1.01	136	8
1441	FM 2484B2F	0.91	1	16.5	5.5	1.26	181	3	1.02	105	6
1443	MD10-5	0.84	0.9	16	5.8	1.14	182	2.4	1.02	118	10
1461	ST 6448GLB2	0.94	1.05	17	5.3	1.31	187.5	3.4	1.01	115	10
1499	Ark 0701-4	0.94	1.05	13.5	4.3	1.26	194	2.4	1.04	96	4
1426	Phytogen 725RF	0.96	1.05	11.5	3.6	1.27	180.5	2.5	1.02	105	9
1505	NM 13P1088	0.91	1	16	5.2	1.27	173.5	2.8	1	101	6
1474	FM 2322GL	0.9	1	14.5	5	1.22	171.5	2.7	1.03	103	6
.	LSD	0.06	0.08	3.8	1.5	0.05	11.6	1	0.03	33	8

LOCATION=KEISER, AR

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1461	ST 6448GLB2	935	1425	40.5	7.5	3.5	19.29	3.09	0.83	0.49	1.31
1459	PHY 444WRF	879	1135	43.8	7.5	3.6	20.02	3.07	0.52	0.55	1.08
1474	FM 2322GL	875	1200	42.7	7.1	3	14.67	3.75	0.54	0.33	0.87
1482	DP 1410B2RF	845	1297	39.2	8.1	3.8	20.05	3.59	0.63	0.51	1.15
1483	FM 2334GLT	823	1183	42.5	8.7	3.8	15.78	4.25	0.45	0.26	0.7
1506	MD 87	799	1437	37.4	9.3	4.1	21.44	3.64	0.69	0.59	1.28
1501	DP 1555B2RF	734	998	44	6.9	3.45	16.19	3.67	0.55	0.46	1.01
1498	Ark 0606-50	694	976	40.6	9.6	4.75	19.96	4.07	0.67	0.47	1.14
1457	DP 1321B2RF	675	901	43.1	7.1	3.3	19.09	3.49	0.61	0.47	1.08
1502	PHY 552WRF	667	889	42.2	6.3	2.8	17.25	3.94	0.64	0.48	1.11
1504	LA 11309134	601	909	38.4	8.2	4.4	20.24	3.43	0.67	0.49	1.16

1505	NM 13P1088	562	1014	36.7	9.3	4.1	21.83	3.64	0.1	0.08	0.18	
1441	FM 2484B2F	547	628	42	5.3	2.7	21.41	3.84	0.66	0.43	1.09	
1503	FM 1830GLT	546	776	41.9	7.5	3.55	15.68	4.08	0.53	0.35	0.89	
1443	MD10-5	392	448	41.6	7.7	3.7	18.09	3.64	0.6	0.43	1.03	
1426	Phytogen 725RF	338	494	37.2	8.2	3.75	21.35	3.55	0.53	0.39	0.92	
1500	Ark 0703-10	271	317	39.8	7.4	3.1	21.56	3.61	0.76	0.47	1.23	
1499	Ark 0701-4	187	285	38.9	9.8	3.85	19.71	3.7	0.49	0.35	0.83	
.	LSD	154	412	2	1.6	0.83	1.11	0.36	0.08	0.06	0.14	

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1461	ST 6448GLB2	3.98	0.86	1.264	85.5	6.5	33.2	6.5	83	7.9	5	72.77
1459	PHY 444WRF	3.69	0.84	1.308	86.4	5.5	34.3	7.5	83.7	8.2	7	77.08
1474	FM 2322GL	4.19	0.86	1.275	86.7	5.6	35	6.6	83.4	7.6	6	75.44
1482	DP 1410B2RF	4.1	0.86	1.288	84.5	5.8	34.1	6.8	81.7	7.7	7	76.92
1483	FM 2334GLT	4.24	0.87	1.295	85.8	5.8	35.1	6.1	80.9	8.1	11	85.75
1506	MD 87	4.44	0.87	1.293	87.2	5.3	38.5	6.6	79.8	8.1	6	81.57
1501	DP 1555B2RF	4.36	0.86	1.235	86.1	6.3	35.4	7.8	82.9	8.3	6	76.86
1498	Ark 0606-50	4.87	0.87	1.263	86.3	6	34.7	8	82	8.1	4	82.09
1457	DP 1321B2RF	4.45	0.85	1.21	86.1	6	34.1	9.3	82.3	8.2	6	78.43
1502	PHY 552WRF	3.79	0.84	1.259	86.7	6.3	33.2	7.5	82.6	7.4	7	73.65
1504	LA 11309134	4.28	0.86	1.296	87.3	5.4	37.5	7.2	80.5	8.4	11	83.08
1505	NM 13P1088	4.5	0.86	1.261	86.2	5.7	37.1	7.7	79.9	7.5	9	76.76
1441	FM 2484B2F	3.91	0.85	1.241	85.6	6.1	34.3	7.1	84.5	7.5	9	76.57
1503	FM 1830GLT	4.23	0.87	1.286	86.2	6	34.5	6.3	84.1	7.5	6	79.73
1443	MD10-5	4.78	0.87	1.248	86.9	5.5	36.9	7.4	80.8	7.4	7	84.53
1426	Phytogen 725RF	4.31	0.85	1.278	86.6	5.5	38	8.2	79.7	8.5	7	81.71
1500	Ark 0703-10	4.39	0.85	1.277	86.5	5.7	36.5	8.3	80.8	8.2	7	69.55
1499	Ark 0701-4	4.48	0.86	1.247	86.7	6.1	34.8	7.6	81.5	8.3	5	80.04
.	LSD	0.4	0.01	0.044	1.5	0.7	2.5	0.4	1.2	0.5	4	10.39

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
1461	ST 6448GLB2	1.01	1.1	12.5	3.8	1.36	186.5	2	1.05	140	8
1459	PHY 444WRF	1.05	1.15	10.5	3.1	1.38	181	2.5	1.05	138	1
1474	FM 2322GL	1	1.1	12.5	3.7	1.34	176	1.9	1.06	132	14
1482	DP 1410B2RF	1.02	1.1	12.5	3.6	1.37	179	2.2	1.05	112	3
1483	FM 2334GLT	1.04	1.15	11	3.2	1.39	176.5	1.4	1.08	100	5
1506	MD 87	1.06	1.15	8.5	2.4	1.35	196	1.3	1.09	103	3
1501	DP 1555B2RF	0.98	1.1	11.5	3.8	1.3	195	2.1	1.07	90	2
1498	Ark 0606-50	0.98	1.1	12.5	3.5	1.28	211	1.4	1.1	67	3
1457	DP 1321B2RF	1	1.1	9	2.7	1.26	200.5	1.8	1.07	98	5
1502	PHY 552WRF	1.01	1.1	11.5	3.4	1.32	179.5	1.9	1.04	124	7
1504	LA 11309134	1.08	1.15	9.5	2.5	1.39	191.5	1.3	1.08	101	10
1505	NM 13P1088	1.03	1.1	9.5	2.7	1.33	186	1.4	1.09	120	8
1441	FM 2484B2F	0.93	1.1	16.5	4.5	1.3	179	2.7	1.06	131	7
1503	FM 1830GLT	1.02	1.1	11.5	3.5	1.37	180.5	1.9	1.07	91	3
1443	MD10-5	1.02	1.1	8	2.4	1.29	194	1.1	1.09	77	4
1426	Phytogen 725RF	1.03	1.1	8.5	2.5	1.32	191	1.5	1.09	79	5
1500	Ark 0703-10	1.05	1.1	9	2.6	1.35	198.5	1.8	1.07	107	3
1499	Ark 0701-4	1.02	1.1	9	2.5	1.3	198.5	1.3	1.11	85	3
.	LSD	0.07	0.07	3.6	1	0.05	8.2	0.6	0.02	46	7

2015 National Cotton Variety Test

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BLACKLANDS REGION

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

2015 NATIONAL COTTON VARIETY TEST
REGIONAL SUMMARIES FOR BLACKLANDS BY VARIETIES

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1404	PHY 499WRF	582	658	46.4	7.9	3.68	17.86	4.06	0.51	0.32	0.82
1465	NG 1511B2RF	568	722	45.4	8.1	3.36	18.07	3.78	0.6	0.42	1.02
1495	Croplan 3787B2RF	567	714	45.7	7.8	3.78	16.46	4.15	0.6	0.37	0.96
1438	ALL-TEX NITRO 44B2RF	565	711	41.1	9.4	4.14	22.54	3.83	0.62	0.4	1.03
1412	DP 0912B2RF	521	735	43.4	8.4	4.3	18.49	3.85	0.53	0.37	0.9
1436	DP 1219B2RF	519	734	43	7.5	3.58	20.08	3.83	0.52	0.34	0.86
1441	FM 2484B2F	519	690	42.7	8.9	3.44	20.42	3.71	0.62	0.35	0.97
1426	Phytogen 725RF	498	656	41.9	6.8	4	18.64	3.92	0.41	0.29	0.69
1427	DP 1044B2RF	440	521	42.2	7.3	3.38	19.35	3.81	0.68	0.35	1.03
.	LSD	171	285	1.7	2.8	0.7	1.19	0.44	0.06	0.03	0.09

vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1404	PHY 499WRF	4.69	0.86	1.037	82.8	9.2	30.2	7.8	72	8.9	12	69.65
1465	NG 1511B2RF	4.43	0.85	1.041	81.9	9.2	29.7	7.9	71.7	9.1	12	73.55
1495	Croplan 3787B2RF	4.65	0.86	1.083	82.6	8.5	28.5	7.6	74	9.4	9	74.85
1438	ALL-TEX NITRO 44B2RF	4.46	0.86	1.096	83.9	7.3	32.1	7.3	69.5	8.3	15	86.66
1412	DP 0912B2RF	5.09	0.88	1.014	81.9	9.8	28	7	71.5	8.6	11	64.84
1436	DP 1219B2RF	4.53	0.87	1.073	81.5	10	30.7	5.9	73.6	8.7	10	68.2
1441	FM 2484B2F	4.13	0.86	1.096	81.7	9.8	31.1	5.9	74.6	8	12	77.43
1426	Phytogen 725RF	4.3	0.86	1.13	83.1	8	35	7.5	72	9.3	13	83.54
1427	DP 1044B2RF	4.41	0.86	1.059	81.7	9.5	29.8	7.5	72.5	8.7	13	67.56
.	LSD	0.46	0.01	0.053	0.9	1.6	1.8	0.5	2.8	0.5	3	17.3

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
1404	PHY 499WRF	0.77	0.85	21	8.2	1.05	193.3	2.8	1.02	134	19
1465	NG 1511B2RF	0.74	0.83	22.8	9.2	1.04	189.5	3.2	1.01	161	17
1495	Croplan 3787B2RF	0.81	0.9	18	6.8	1.09	194.5	2.8	1.02	103	8
1438	ALL-TEX NITRO 44B2RF	0.85	0.95	16	5.6	1.13	174.3	3	0.99	141	15
1412	DP 0912B2RF	0.75	0.8	20.3	8.2	1.01	201.8	2.7	1.03	103	10
1436	DP 1219B2RF	0.78	0.88	21.8	8.4	1.1	186.8	2.7	1.03	118	13
1441	FM 2484B2F	0.81	0.9	20.8	7.6	1.14	176	3.5	1.01	169	19
1426	Phytogen 725RF	0.79	0.93	21.8	8.3	1.13	181.3	2.8	1.03	158	23
1427	DP 1044B2RF	0.77	0.88	22	8.4	1.09	176.3	4.8	0.94	132	15
.	LSD	0.06	0.08	4	2.1	0.07	24.6	1.8	0.1	47	13

BLACKLANDS REGION SUMMARY BY LOCATION SITES

LOCATION	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
COMMERCE, TX	812	1069	43.3	8.3	4.29	18.86	3.79	0.61	0.41	1.02
THRALL, TX	250	295	43.7	7.8	3.19	19.34	3.97	0.52	0.3	0.82

LOCATION	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Plus b	Waste	Yarn Tenacity
COMMERCE, TX	4.33	0.86	1.117	83.3	7.9	32	7.3	69.3	9.1	11	75.62
THRALL, TX	4.71	0.87	1.023	81.4	10.2	29.1	6.9	75.4	8.5	12	72.44

LOCATION	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
COMMERCE, TX	0.81	0.91	20.8	7.6	1.15	194.7	2.6	1.05	152	19
THRALL, TX	0.76	0.84	20.2	8.1	1.03	177.2	3.6	0.97	119	12

BLACKLANDS REGION- INDIVIDUAL LOCATION SUMMARIES

LOCATION=THRALL, TX

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITROGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1495	Croplan 3787B2RF	284	359	45.5	7.4	3.14	16.74	4.48	0.54	0.32	0.85
1404	PHY 499WRF	278	245	47.3	7.2	2.98	18.12	4.16	0.47	0.27	0.73
1441	FM 2484B2F	266	375	43.4	8.5	3.19	21.42	3.73	0.59	0.32	0.9
1426	Phytogen 725RF	256	269	42.6	8.9	3.32	18.53	3.98	0.32	0.23	0.54
1427	DP 1044B2RF	254	311	42.3	6.5	2.92	19.58	3.88	0.66	0.31	0.96
1465	NG 1511B2RF	251	290	45.5	7.4	3.12	18.36	3.98	0.55	0.36	0.9
1412	DP 0912B2RF	247	328	44	8	3.88	18.21	3.71	0.48	0.31	0.79
1436	DP 1219B2RF	218	288	42.4	7	2.71	20.56	3.85	0.5	0.3	0.79
1438	ALL-TEX NITRO 44B2RF	192	194	40.7	9.1	3.47	22.59	4.01	0.58	0.34	0.91
.	LSD	85	117	2.2	0.4	0.99	1.46	0.33	0.05	0.04	0.08

Vcode	VARIETY	Micronaire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elongation	RD	Hunters Plus b	Waste	Yarn Tenacity
1495	Croplan 3787B2RF	4.65	0.87	1.042	81.9	9.3	26.9	7.1	77.8	9.2	8	69.6
1404	PHY 499WRF	4.92	0.87	0.963	81.5	11.2	27.9	7.5	74.1	8.5	13	73.32
1441	FM 2484B2F	4.56	0.88	1.046	80.6	11.3	29.2	5.7	77.6	7.8	13	77.25
1426	Phytogen 725RF	4.51	0.86	1.078	82	9.1	33.6	7.5	75.9	9.2	13	78.15
1427	DP 1044B2RF	4.77	0.87	0.999	81	10.2	28.4	7.4	76.7	8.6	12	56.11
1465	NG 1511B2RF	4.54	0.86	0.985	80.8	10.6	28.1	7.7	73.5	8.6	14	74.7
1412	DP 0912B2RF	5.19	0.88	0.979	80.9	11.1	27.2	7	74.4	8.5	12	60.7
1436	DP 1219B2RF	4.72	0.88	1.042	81	10.5	29.3	5.7	77.1	8.2	10	69.96
1438	ALL-TEX NITRO 44B2RF	4.51	0.87	1.074	83.1	8.3	31.8	7	71.6	7.9	17	92.18
.	LSD	0.65	0.01	0.04	1.8	2.5	3.3	0.9	4.8	1	6	18.72

vcode	VARIETY	Length number	Length weight	Short Fiber Content Number	Short Fiber Content weight	UQL weight	Fineness	Immature Fiber Content	Maturity Ratio	Nep count	Seed Coat Number count
1495	Croplan 3787B2RF	0.77	0.85	19.5	7.6	1.03	177	4.1	0.95	86	5
1404	PHY 499WRF	0.71	0.8	22	9.5	0.96	182	3.6	0.97	115	10
1441	FM 2484B2F	0.79	0.9	20	7.6	1.1	170	3.9	0.97	139	11
1426	Phytogen 725RF	0.76	0.9	21.5	8.6	1.07	168.5	3.5	0.98	117	16
1427	DP 1044B2RF	0.72	0.8	22.5	9.3	1	180.5	4.3	0.95	120	14
1465	NG 1511B2RF	0.73	0.8	21.5	8.9	0.99	174.5	4.1	0.95	148	14
1412	DP 0912B2RF	0.74	0.8	19.5	8.1	0.98	191.5	3.1	0.99	89	9
1436	DP 1219B2RF	0.77	0.85	19	7.6	1.05	174	3.4	0.99	104	10
1438	ALL-TEX NITRO 44B2RF	0.82	0.9	16	5.9	1.09	176.5	2.7	1.01	152	18
.	LSD	0.05	0.08	5	2.6	0.05	13.4	1.4	0.04	72	7

LOCATION=COMMERCE, TX

vcode	VARIETY	LINT YIELD (LB/ACRE)	SEED YIELD (LB/AC)	LINT PERCENT	SEED INDEX	BOLL SIZE (G/BOLL)	OIL	NITR OGEN	Plus Gossypol	Minus Gossypol	FREE GOSSYPOL
1438	ALL-TEX NITRO 44B2RF	939	1228	41.4	9.7	4.81	22.49	3.66	0.67	0.47	1.14
1404	PHY 499WRF	886	1072	45.5	8.6	4.38	17.6	3.95	0.55	0.38	0.92
1465	NG 1511B2RF	884	1154	45.2	8.8	3.61	17.79	3.59	0.66	0.48	1.14
1495	Croplan 3787B2RF	849	1070	45.9	8.2	4.41	16.18	3.82	0.66	0.42	1.07
1436	DP 1219B2RF	820	1180	43.6	8	4.45	19.6	3.82	0.55	0.39	0.94
1412	DP 0912B2RF	796	1143	42.7	8.9	4.72	18.77	4	0.58	0.43	1.01
1441	FM 2484B2F	772	1006	42	9.3	3.7	19.43	3.7	0.65	0.39	1.04
1426	Phytogen 725RF	739	1043	41.3	4.7	4.69	18.76	3.87	0.49	0.36	0.85
1427	DP 1044B2RF	627	730	42.1	8.2	3.84	19.13	3.74	0.7	0.4	1.1
.	LSD	199	281	1.7	5.3	1.05	2.28	0.59	0.14	0.11	0.25

vcode	VARIETY	Micro naire	Maturity	Upper Half Mean Length	Uniformity Index	Short Fiber	Strength	Elon gation	RD	Hunters Hunters Plus b	Waste	Yarn Tenacity
1438	ALL-TEX NITRO 44B2RF	4.4	0.86	1.118	84.6	6.3	32.5	7.5	67.4	8.6	14	81.14
1404	PHY 499WRF	4.46	0.86	1.112	84.2	7.2	32.6	8	69.9	9.3	11	65.97
1465	NG 1511B2RF	4.32	0.85	1.098	83	7.8	31.2	8.1	69.9	9.7	11	72.4
1495	Croplan 3787B2RF	4.66	0.86	1.124	83.3	7.7	30	8.1	70.3	9.7	10	80.1
1436	DP 1219B2RF	4.35	0.86	1.103	81.9	9.6	32	6.2	70.2	9.2	10	66.44
1412	DP 0912B2RF	4.98	0.87	1.049	82.9	8.5	28.8	7	68.6	8.8	10	68.99
1441	FM 2484B2F	3.7	0.85	1.146	82.9	8.3	32.9	6.2	71.6	8.2	12	77.62
1426	Phytogen 725RF	4.09	0.85	1.182	84.2	7	36.5	7.5	68.1	9.4	13	88.94
1427	DP 1044B2RF	4.05	0.85	1.118	82.5	8.7	31.3	7.7	68.3	8.9	14	79
.	LSD	1.02	0.02	0.061	1.6	1.6	3	1	2.5	0.7	5	26.31

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
1438	ALL-TEX NITRO 44B2RF	0.87	1	16	5.3	1.17	172	3.2	0.97	129	12
1404	PHY 499WRF	0.82	0.9	20	7	1.14	204.5	2	1.08	154	29
1465	NG 1511B2RF	0.76	0.85	24	9.5	1.09	204.5	2.4	1.07	174	20
1495	Croplan 3787B2RF	0.85	0.95	16.5	6	1.16	212	1.6	1.1	119	12
1436	DP 1219B2RF	0.78	0.9	24.5	9.2	1.16	199.5	2.1	1.08	132	15
1412	DP 0912B2RF	0.76	0.8	21	8.3	1.04	212	2.3	1.07	117	11
1441	FM 2484B2F	0.83	0.9	21.5	7.6	1.19	182	3.1	1.05	200	28
1426	Phytogen 725RF	0.82	0.95	22	8	1.2	194	2.1	1.08	199	31
1427	DP 1044B2RF	0.83	0.95	21.5	7.6	1.18	172	5.3	0.93	143	17
.	LSD	0.11	0.16	9.9	4.8	0.11	24.8	1.5	0.06	147	21

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