UNIFORM SOYBEAN TESTS

SOUTHERN STATES

2012

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INTRODUCTION

The Uniform Soybean Testing Program has been directed toward the testing of elite breeding lines that ultimately leads to the release of varieties. Breeding lines are developed and evaluated in several participating federal and state research programs. As breeding lines demonstrate specific qualities in the individual programs, they are advanced to the preliminary and uniform regional tests conducted in cooperation with research workers in the southern states. This testing program enables breeders to evaluate new strains under a wide variety of conditions, and permits new strains to be put into production in a minimum amount of time. Lines are usually entered only once in the Preliminary Test and then are either dropped or advanced to the Uniform Test for a maximum of three years if performance warrants further testing.

Eleven uniform test groups have been established to evaluate the best strains developed in the breeding programs. The groups 00 through IV are adapted in the northern part of the United States, and the groups IV-S through VIII are grown in the southern part. Within their area of adaptation, there is a maturity range of 12 to 18 days within each maturity class. The best varieties available in each maturity class are used as check varieties with which to compare new strains as to seed yield, chemical composition, maturity, height, lodging, seed quality, and reaction to diseases and nematodes. For the groups grown in the southern area, the check varieties are: AG3803(RR), AG4232RR2Y, AG4632RR2Y, LD00-3309, LD06-7620, DK4866, AG4907(RR), 5002T, AG5606(RR), Osage, JTN-5203, AG5632RR2Y, AG5332RR2Y, AG5831RR2Y, AGS606(RR), Dillon, NC-Roy, NCC06-1090, AGS758RR, AGS787RR, N7002, N7003CN, NCC06-899, SC01-803RR, G04-1618RR, N05-7432, and N8001.

A wide range of soil and climatic conditions exists in the regions. As an aid in recognizing regional adaptation, the region has been subdivided into five rather broad areas which still represent a wide range of soil types. These are: (1) the East Coast, consisting of the Coastal Plain and Tidewater areas of the eastern shore of Maryland, Virginia, North Carolina, and the upper half of South Carolina; (2) the Southeast, consisting primarily of the Coastal Plain soils of the Gulf Coast area, but also including similar soil from South Carolina, southward; (3) the Upper and Central South, including the Piedmont and loessial hill soils east of the Mississippi River; (4) the Delta area, composed of the alluvial soils along the Mississippi River from southern Missouri, southward; and (5) the West, comprising Arkansas and Louisiana (outside the Delta), Kansas, Oklahoma, and Texas. In the West, the potential soybean-growing areas would include alluvial soils, and the Gulf Coast of Louisiana.

On nearly all of the soils, other than the alluvial soils along the Mississippi River, fertilization is essential for satisfactory soybean production. The soil test information is based upon analyses run by laboratories in conjunction with the states. Different methods are used for extraction and reporting by the various laboratories.

POLICY ON EVALUATION AND RELEASE OF STRAINS

Germplasm exchange among breeding programs is the foundation of breeding progress. The purpose of the Uniform Soybean Test is to facilitate the free exchange of germplasm in an effort to maximize genetic diversity and provide well-adapted, stable breeding lines and varieties in the pursuit of breeding progress. Participants are encouraged to exchange germplasm within the legal guidelines pertaining to transgenic strains.

Qualifications for Participation in the Uniform Soybean Tests

Participants must be willing and able to conduct unified tests with conventional strains and strains containing proprietary and/or transgenic traits.

Participants, upon submission of entries, must disclose pedigrees to the Uniform Soybean Test Coordinator for publication with performance data in the Uniform Soybean Test Report.

Participants are individually responsible to ensure that any transgenic entries that they submit are cleared for sale as commodity seed.

Use of Uniform Soybean Test Entries in Soybean Breeding and Research

Seed of Uniform Soybean Test entries is for evaluation in the Uniform Soybean Tests only, and may not be distributed to non-participants in these tests without prior approval by the originator of the entry.

Non-transgenic entries in the Uniform Soybean Test may be used by Uniform Soybean Test participants as parents only in biparental crosses or for developing recurrent selection populations. Transgenic entries may be used in crossing subject to similar rules unless licensing or patenting restrictions regarding ownership of the transgenic trait limit this use.

Uniform Soybean Test participants must obtain prior approval before using any entry, other than their own, for a recurrent parent in backcrossing, molecular research, genetic studies, or any other research which may lead to the citation of the entry in a patent.

Seed of any transgenic entry must not be used for further evaluation without written permission from the originator of the entry, and must be discarded at the end of the season, except for crossing purposes, subject to the restrictions outlined in the preceding sections two and three.

All published results from the USDA-ARS Uniform Soybean Tests Southern States may be used as a data base for statistical research and publication related to soybean breeding.

Release of Uniform Soybean Test Entries

Entries in the Uniform Soybean Tests are released according to USDA-ARS and State Agricultural Experiment Station policies.

ACKNOWLEDGEMENTS

The cooperation of the following scientists is gratefully acknowledged for their ratings of the Uniform Test entries: Dr. Roger Boerma, University of Georgia, Athens, Georgia - root-knot nematode; Dr. Patricia Donald, USDA-ARS, Jackson, Tennessee - soybean cyst nematode; Cathy Schmidt, Southern Illinois University, Carbondale, Illinois - soybean sudden death syndrome; and Gary Shelton and Dr. Susan Li, USDA-ARS, Stoneville, MS - stem canker.

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STRAIN DESIGNATION

The strains designated by number carry a letter prefix. This letter identifies where each strain was selected:

CM	-	Delta Branch Experiment Station and USDA-ARS, Stoneville, MS
DB	-	Delta Branch Experiment Station and USDA-ARS, Stoneville, MS
DS	-	Delta Branch Experiment Station and USDA-ARS, Stoneville, MS
G	-	Georgia Agricultural Experiment Station
JTN	-	Tennessee Agricultural Experiment Station, Jackson and USDA-ARS
K	-	Kansas Agricultural Experiment Station
LL	-	North Carolina Agricultural Experiment Station and USDA-ARS
LS	-	Southern Illinois University, Carbondale
N	-	North Carolina Agricultural Experiment Station and USDA-ARS
NCC	-	North Carolina Agricultural Experiment Station and USDA-ARS
NLM	-	North Carolina Agricultural Experiment Station and USDA-ARS
NMS	-	North Carolina Agricultural Experiment Station and USDA-ARS
R	-	Arkansas Agricultural Experiment Station
S	-	Missouri Agricultural Experiment Station
SC	-	South Carolina Agricultural Experiment Station, Clemson
TCHM	-	North Carolina Agricultural Experiment Station and USDA-ARS
TN	-	Tennessee Agricultural Experiment Station
TX	-	Texas Agricultural Experiment Station
V	-	Virginia Agricultural Experiment Station, Virginia Tech
VS	-	Virginia Agricultural Experiment Station, Virginia State University

SOYBEAN NURSERY INFORMATION

A. LOCATION CONTACT AND TESTS- 2012

2012 Locations	Location Contact	Area	IV-S-EARLY	IV-S	IV-S	V	V	VI	VI	VII	VII	VIII	VIII
Belle Mina,AL	David Weaver	South					U		U				
Fairhope,AL	David Weaver	South							U		U		U
Tallassee,AL(A)	David Weaver	South						P	U	P	U	P	U
Tallassee,AL(B)	David Weaver	South											U
Keiser,AR	P. Chen	Delta	P	P	U	P	U	P	U				
Stuttgart,AR	P. Chen	Delta	P	P	U	P	U	P	U				
Athens,GA(A)	Zenglu Li	South							U	P	U	P	U
Athens,GA(B)	Zenglu Li	South									U		U
Calhoun,GA	Don Day	South							U		U		
Plains,GA	Zenglu Li	South								P	U	P	U
Tifton,GA	Don Day	South							U		U		U
Dowell,IL	Stella K. Kantartzi	South	P	P	U								
Ullin,IL(SDS)	Cathty Schmidt				U		U						
McCune,KS	W. T. Schapaugh, Jr.	West			U	P	U						
Pittsburg,KS	W. T. Schapaugh, Jr.	West		P	U	P	U						
Bossier City,LA	Blair Buckley	West			U		U		U		U		
Portageville,MO(A)	Grover Shannon	Delta			U		U						
Portageville,MO(B)	Grover Shannon	Delta	P	P	U	P	U						
Starkville,MS	Brad Burges	South			U		U						
Stoneville,MS	Gary Shelton	Delta	P	P	U	P	U	P	U				
Clayton,NC	Tommy Carter	East									U	P	U
Kinston,NC(A)	Tommy Carter	East				P	U			P	U	P	U
Kinston,NC(B)	Andrea Cardinal	East						P	U				
Plymouth,NC(A)	Lilian Miranda	East						P	U	P	U		
Plymouth,NC(B)	Andrea Cardinal	East	P	P	U	P	U						
Stillwater,OK	Steve Moore	West			U		U						
Blackville,SC(A)	Emerson R. Shipe	South							U	P	U	P	U
Blackville,SC(B)	Emerson R. Shipe	South									U		U
Clemson,SC	Emerson R. Shipe	South						P	U		U	P	U
Jackson,TN	P. Arelli	South	P	P	U	P	U						
Milan,TN	Vincent R. Pantalone	South	P		U		U						
Springfield,TN	Vincent R. Pantalone	South	P		U		U						
Orange,VA	Steve A. Gulick	South	P		U		U						
Petersburg,VA	Bo Zhang	East				P	U						
Suffolk,VA	David Holshouser	East					U						
Warsaw,VA	Glenn Buss	East	P	P	U	P	U						
TOTAL LOCATIONS PLANTED			11	9	18	11	21	7	14	6	14	7	12

B. PLANTING DATES – 2012

	PIV-S-E	PIV-S-L	PV	PVI	PVII	PVIII	UIV-S	UV	UVI	UVII	UVIII
Belle Mina,AL								5/18	5/18		
Fairhope,AL									5/30	5/30	5/30
Tallassee,AL(A)				6/7	6/7	6/7			6/7	6/7	6/7
Tallassee,AL(B)											7/9
Keiser,AR	5/16	5/16	5/16	5/16			5/16	5/16	5/16		
Stuttgart,AR	5/14	5/14	5/14	5/14			5/14	5/14	5/14		
Athens,GA(A)					6/25	6/25			6/25	6/25	6/25
Athens,GA(B)										6/25	6/25
Calhoun,GA									5/23	5/23	
Plains,GA					6/19	6/19				6/19	6/19
Tifton,GA									5/10	5/10	5/10
Dowell,IL	ND	ND					ND				
McCune,KS			6/12				6/12	6/12			
Pittsburg,KS		6/12	6/12				6/12	6/12			
Bossier City,LA							5/3	5/10	5/10	5/17	
Portageville,MO(A)							5/1	5/1			
Portageville,MO(B)	4/23	4/23	4/23				4/23	4/23			
Starkville,MS							4/23	4/23			
Stoneville,MS	4/25	4/25	4/25	4/25			4/25	4/25	4/25		
Clayton,NC						5/28				5/28	5/28
Kinston,NC(A)			6/6		6/6	6/6		6/6		6/6	6/6
Kinston,NC(B)				5/8					5/8		
Plymouth,NC(A)				5/22	5/22				5/22	5/22	
Plymouth,NC(B)	5/15	5/15	5/14				5/15	5/15			
Stillwater,OK							ND	ND			
Blackville,SC(A)					6/21	6/21			6/21	6/21	6/21
Blackville,SC(B)										7/17	7/17
Clemson,SC				6/7		6/7			6/7	6/7	6/7
Jackson,TN	5/10	5/10	5/10				5/10	5/10			
Milan,TN	5/31						5/31	5/31			
Springfield,TN	5/24						5/24	5/24			
Orange,VA	5/31						5/31	5/31			
Petersburg,VA			5/25					5/25			
Suffolk,VA								5/17			
Warsaw,VA	6/4	6/4	6/4				6/4	6/4			

[z] ND = No dates reported

C. HARVEST DATES – 2012

	PIV-S-E	PIV-S-L	PV	PVI	PVII	PVIII	UIV-S	UV	UVI	UVII	UVIII
Belle Mina,AL								10/19	10/29		
Fairhope,AL									11/1	11/7	11/7
Tallassee,AL(A)				10/26	10/27	11/7			10/26	10/27	11/7
Tallassee,AL(B)											11/7
Keiser,AR	10/30	10/30	10/30	10/30			10/30	10/30	10/30		
Stuttgart,AR	10/20	10/20	10/20	10/20			10/20	10/20	10/20		
Athens,GA(A)					10/26	11/2			10/19	10/26	11/2
Athens,GA(B)										11/2	11/2
Calhoun,GA									11/5	11/6	
Plains,GA					11/1	11/1				11/1	11/1
Tifton,GA									10/22	11/2	11/2
Dowell,IL	**	**					**				
McCune,KS			11/7				11/7	11/7			
Pittsburg,KS		11/8	11/8				11/8	11/8			
Bossier City,LA							9/12	9/26	10/11	11/2	
Portageville,MO(A)							10/10	10/16			
Portageville,MO(B)	10/11	10/25	10/25				10/11	10/25			
Starkville,MS							9/12	9/27			
Stoneville,MS	9/12	9/21	10/11	10/11			9/12	9/27	10/11		
Clayton,NC						11/29				11/29	11/29
Kinston,NC(A)			12/10		12/10	12/10		12/10		12/10	12/10
Kinston,NC(B)				11/4					11/5		
Plymouth,NC(A)				11/5	11/10				11/5	11/10	
Plymouth,NC(B)	10/18	10/18	10/22				10/18	10/20			
Stillwater,OK							ND	ND			
Blackville,SC(A)					10/30	11/8			10/30	11/8	11/8
Blackville,SC(B)										11/9	11/9
Clemson,SC				11/1		11/27			11/1	11/27	11/27
Jackson,TN	10/4	10/9	10/19				10/9	10/15			
Milan,TN	10/16						10/16	10/29			
Springfield,TN	10/25						10/25	10/30			
Orange,VA	*						*	11/6			
Petersburg,VA			10/30					11/1			
Suffolk,VA								10/23			
Warsaw,VA	10/18	10/23	11/3				10/23	10/24			

Location Notes		
Orange,VA	*	P4SE & U4S no data reported due to deer feeding and grass problems.
Dowell,IL	**	No data due to extreme drought.
Stillwater,OK	ND	No data reported.

D. AGRONOMIC CHARACTERISTICS OF LOCATIONS – 2012

2012 Locations	SOIL TYPE	Row Spacing	Planted Length	Harvested Length	Trial Bordered	End Trimmed	# Rows Planted	# Rows Harvested	Prior Crop	Irrigated
Belle Mina,AL	Decatur silt loan	30	20	15	No	Yes	4	2	Cotton	No
Fairhope,AL	Malbis fine sandy loan	38	20	18	Yes	Yes	4	2	Cotton	No
Tallassee,AL(A)	Cahaba fine sandy loam	30	16	12	Yes	Yes	4	2	Fallow	No
Tallassee,AL(B)	Cahaba fine sandy loam	30	16	12	Yes	Yes	2	2	Fallow	No
Keiser,AR	Sharkey silty clay	38	15	15	Yes	No	4	2	Corn	Yes
Stuttgart,AR	Crowley silt loam	30	15	15	Yes	No	4	2	Rice	Yes
Athens,GA(A)	Altavista loamy coarse sand	30	20	12	Yes	Yes	4	2	Grain sorghum	Yes
Athens,GA(B)	Altavista loamy coarse sand	30	20	12	Yes	Yes	4	2	Grain sorghum	Yes
Calhoun,GA	Rome gravelly clay loam	30	20	16	Yes	Yes	4	2	Corn	Yes
Plains,GA	Greenville sandy clay loam	30	20	10	Yes	Yes	4	2	Cotton	Yes
Tifton,GA	Tifton sandy loam	30	20	16	Yes	Yes	4	2	Corn	Yes
Dowell,IL	Hoyleton	30	15	15	Yes	No	4	2	Corn	No
Ullin,IL(SDS)	Bonnie silt loam	30	15	15	Yes	No	4	2	Corn	No
McCune,KS	Parsons silt loam	30	11	11	Yes	No	4	2	Corn	Yes
Pittsburg,KS	Parsons silt loam	30	11	11	Yes	No	4	2	Corn	No
Bossier City,LA	Moreland silty clay loam	40	28	20	Yes	Yes	4	2	Cotton	Yes
Portageville,MO(A)	Dundee silt loam	30	12	12	Yes	No	4	2	Soybean	Yes
Portageville,MO(B)	Sharkey clay	30	12	12	Yes	No	4	2	Soybean	Yes
Starkville,MS	Brooksville silty clay	18	20	15	Yes	Yes	3	3	Corn	No
Stoneville,MS	Sharkey clay	24	18.5	16	Yes	Yes	5	3	Soybean	Yes
Clayton,NC	Norfolk sandy loam	38	18	15	Yes	Yes	3	1	Cotton	Yes
Kinston,NC(A)	Stallings loamy sand	38	18	15	Yes	Yes	3	1	Corn, Corn	No
Kinston,NC(B)	Stallings loamy sand	38	18	15	Yes	Yes	3	1	Corn, Corn	No
Plymouth,NC(A)	Portsmouth silt loam	38	19	16	Yes	Yes	3	1	Corn, Corn	No
Plymouth,NC(B)	Portsmouth silt loam	38	16	13	Yes	Yes	4	2		Yes
Stillwater,OK	Not reported	30	44	42	Yes	Yes	4	2		No
Blackville,SC(A)	Grady Fine Sandy Loam	38	20	12	Yes	Yes	4	2	Soybeans	Yes
Blackville,SC(B)	Norfolk sandy loam	38	20	12	Yes	Yes	4	2	Corn	Yes
Clemson,SC	Cartecay fine sandy loam	38	20	12	Yes	Yes	4	2	Soybean	No
Jackson,TN	Vicksburg silt loam/ Vicksburg fine sandy loam	30	20	20	Yes	No	4	2	Soybeans	No
Milan,TN	Lexington silt loam	30	20	20	Yes	No	4	2	Soybeans	No
Springfield,TN	Mountview Silt Loam	30	25	16	Yes	Yes	4	2	1 year, corn	Yes
Orange,VA	Starr silty clay loam	21	16	12	Yes	Yes	3	3	Canola	No
Petersburg,VA	Abell sandy loam	30	16	14	No	Yes	4	2	Winter rye	Yes
Suffolk,VA	Dragston fsl / Eunola lfs	15	24	17	Yes	Yes	5	3	Corn	No
Warsaw,VA	Kempsville loam	30	18	12	Yes	Yes	4	2	small grains	No

E. WEATHER STATION URL

Location	Weather Station URL	Notes
Belle Mina, AL	national weather sevice	
Fairhope, AL	national weather sevice	
Tallassee, AL(A)	not reported	
Tallassee, AL(B)	not reported	
Pine Tree, AR	N/A	
Rohwer, AR	http://www.aragriculture.org/weather/default.asp	
Georgetown, DE	http://www.rec.udel.edu/TopLevel/Weather.htm	
Athens, GA (A)	http://www.griffin.uga.edu/aemn/cgi-bin/AEMN.pl?site=GAWP	
Athens, GA (B)	http://www.griffin.uga.edu/aemn/cgi-bin/AEMN.pl?site=GAWP	
Calhoun, GA	http://www.griffin.uga.edu/aemn/cgi-bin/AEMN.pl?site=GACA	
Plains, GA	http://www.griffin.uga.edu/aemn/cgi-bin/AEMN.pl?site=GAPL	
Tifton, GA	http://www.griffin.uga.edu/aemn/cgi-bin/AEMN.pl?site=GATI	
Ullin, IL	none	
McCune, KS	http://www.oznet.ksu.edu/wdl/	
Pittsburg, KS	http://www.oznet.ksu.edu/wdl/	
Princeton, KY	http://www.nass.usda.gov/Statistics_by_State/Kentucky/Publications/Agri-News/oct226.pdf	
Alexandria, LA	www.lsuagcenter.com/weather	
Bossier City, LA	www.lsuagcenter.com/weather/tabledata.asp	
Queenstown, MD	none	
Portageville, MO(A)	http://agebb.missouri.edu/weather/realtime/portageville.asp	
Portageville, MO(B)	http://agebb.missouri.edu/weather/realtime/portageville.asp	
Starkville, MS	http://www.deltaweather.msstate.edu/	
Stoneville, MS	http://www.deltaweather.msstate.edu/	Stoneville is at the end of the list of weather stations.
Jackson Springs, NC	http://www.nc-climate.ncsu.edu/cronos/index.php?station=JACK&temporal=daily	Sandhills Station, NC (Jackson Springs)
Kinston, NC	http://www.nc-climate.ncsu.edu/cronos/index.php?station=314689&temporal=D	Kinston, NC
Plymouth, NC(A)	http://www.nc-climate.ncsu.edu/cronos/?station=PLYM	Tidewater Research Station
Plymouth, NC(B)	http://www.nc-climate.ncsu.edu/cronos/?station=PLYM	Tidewater Research Station
Bixby, OK	www.mesonet.ou.edu	
Stillwater, OK	www.mesonet.ou.edu	
Blackville, SC(A)	http://www.ncdc.noaa.gov/crn/	
Blackville, SC(B)	http://www.ncdc.noaa.gov/crn/	
Clemson, SC	http://www.wunderground.com/weatherstation/WXDailyHistory.asp?ID=KSCCLEMS1&graphspan=month&month=6&day=1&year=2007	
Florence, SC	not reported	
Jackson, TN	None on the web	
Knoxville, TN	www.ncdc.noaa.gov	Look on left menu for "Find a Station" for Knoxville Experiment Station
Springfield, TN	not reported	
Bardwell, TX	not reported	
Cooper, TX	not reported	
Orange, VA	not reported	
Petersburg, VA	http://www.accuweather.com/forecast-climo.asp?partner=30371&traveler=0&zipChg=1&zipcode=23841&metric=0	This only has the past two months of data
Suffolk, VA	not reported	
Warsaw, VA	http://www.ext.vt.edu/cgi-bin/WebObjects/Mesonet.woa/wa/lookupCoordinate?472,102	EVAREC is location name

METHODS

CULTURAL PRACTICES

Please see Soybean Nursery Information – Tables A, B, C, D, and E for details on locations including contacts, row spacing, plot dimensions, end trimming, planting dates, harvest dates, crop rotation and weather station URLs. The uniform tests were planted with three (3) replications and the preliminary tests were planted with two (2) replications except three replications were planted for PVII and PVIII.

MATURITY, HARVEST, AND YIELD

Height. Height in a plot was measured as the average length of plants in inches from the ground to the top extremity at maturity.

Lodging. Lodging notes were recorded on a scale of 1 to 5 according to the following criteria:

1 - almost all plants erect
2 - either all plants leaning slightly, or a few plants down
3 - either all plants leaning moderately, or 25 to 50% of the plants down
4 - either all plants leaning considerably, or 50 to 80% of the plants down
5 - all plants down

Maturity. Maturity was recorded as the date when 95% of the pods had reached mature pod color (Fehr and Caviness, 1977). Maturity in all summaries is expressed as days earlier (-) or later (+) than the reference variety. Reference varieties used in the different maturity groups were as follows: UIV-S - 5002T; PIV-S (E) - AG 4232; PIV-S (L) - 5002T; UV and PV – AG5606; UVI and PVI - DILLON; UVII and PVII - AGS758RR; and UVIII and PVIII - SC01-803RR RR.

Yield. Please see Agronomic Characteristics of Locations for information on end trimming and which rows were harvested for yield data at each location. Actual seed weights were recorded after the seed of the strains had reached uniform moisture content or seed weight at harvest was adjusted to a 13% moisture content. Seed weights were converted to bushels per acre (60 lbs./bu.) by using the appropriate conversion factor for each location with respect to harvested plot size.

Seed Quality. Seed quality was rated from 1 to 5 according to the following scale:

1 - very good; 2 - good; 3 - fair; 4 - poor; 5 - very poor

Factors considered in estimating seed quality were development of seed, wrinkling damage, and brightness. While the seed quality score indicates relative appearance of seed for strains at one location, considerable differences can exist among factors responsible for the poorer grades at different locations. Seed size for each strain was determined from a composite sample from all replications at a location. Seed size is reported as grams per 100 seed.

Oil and Protein. Oil and protein percentages were determined from representative locations of the uniform and preliminary tests. A 25-30-g composite sample of each strain from all replications at a location was sent to the USDA-ARS, National Center for Agricultural Utilization Research, Bio-Oils Research Unit at Peoria, Illinois for analysis. Please note that the analysis was performed by a different Research Unit than in previous years. One sample of 40-50 ml of seed was analyzed using 10 subsamples (10 readings on the sample) for protein and oil

composition with a Foss Infratec 1241 Grain Analyzer. Analysis of the seed was conducted on an as is basis and then mathematically converted to a moisture-free basis for reporting.

PEST ASSESSMENT

Soybean Mosaic Virus (SMV). Thirty seeds of each entry are planted in a single three-foot row in the field at Blacksburg, VA. Inoculation is done 3 to 4 weeks later using SMV strain G1. Inoculation method is described in Ma et. al. 1995. Counts of resistant and susceptible plants are taken about 4 weeks after inoculation. 'Lee 68' and 'York' were susceptible and resistant controls, respectively. Lines were rated as follows.

R = resistant
Sus = susceptible
Seg = segregating for susceptibility and resistance
Sev = severe SMV susceptibility
Mild = mild SMV susceptibility
Few = few plants in row.

Generally any line that displays a severe reaction may suffer yield loss under disease pressure in commercial plantings. Lines described as resistant showed no virus symptoms. NOTE: No results were reported in 2012 due to personnel changes.

Root-knot Nematode. Screenings of strains of UIV-S - UVIII were conducted in a greenhouse at the University of Georgia.

Three seeds of each genotype were planted in Ray Leach Cone-tainers (20.6 cm long) filled with fumigated sandy loam soil to within 5 cm of the top and then covered with 2.5 cm of fumigated sand. Ten Cone-tainers each of a susceptible and resistant standard cultivar were included in each test. Forty-nine Cone-tainers were placed in a RL-98 tray, filling every other row of the tray. The trays (45) were placed on a greenhouse bench under supplemental light provided by 400-watt metal halide lamps and under an automatic irrigation system. Seven to 10 days after planting, plants were thinned to one seedling per Cone-tainer and inoculated with 3000 root-knot nematode eggs collected with 0.5% NaOCL (10% Clorox). The inoculum (3-5 ml depending on egg concentration) was placed with a digital dispensing pump in a soil at a depth of 2-3 cm. Plants were watered manually for 1-2 days following inoculation before turning on the automatic irrigation system. All plants were fertilized weekly with 20-20-20 (N = 20%, P = 8.7%, K = 16.6%) fertilizer solution.

Thirty days after inoculation, roots of two of the standard check plants were examined for galls to assess whether to begin the process of evaluating the entire test. For evaluation, shoots were excised and root systems removed from the Cone-tainers and washed free of soil. For screening advanced breeding lines, the total number of galls per root system was counted. For all other studies, the number of galls on the remainder of the susceptible and resistant check plants was used to develop a gall index for evaluating the genotypes. The gall indexes (based on the number of galls/plant) were as follows: *Meloidogyne incognita* (SRK): 1 = 0-10, 2 = 11-20, 3 = 21-30, 4 = 31-40, and 5 = 41+ galls; *M. arenaria* (PRK): 1 = 0-30, 2 = 31-60, 3 = 61-90, 4 = 91-120, and 5 = 121+ galls.

Soybean Cyst Nematode (SCN). Screening for plant reaction to SCN was conducted in the greenhouse at Jackson, TN in 2012. Screening for SCN was done with HG Type 1.2.5.7 (race 2), HG Type 5.7 (race 3), and HG Type 2.5.7 (race 5). One seed of each soybean entry (UIV-S - UVIII and PIV-S - PVIII) was planted in sterile soil mix with 7 replications per each SCN population. At the time of planting, 2500 eggs of the population being evaluated were added to each pot. Approximately four weeks after planting, plants were rated based on the number of cysts on the roots. The ratings were as follows: 1 = 0-5 cysts on the root, 2=6-10 cysts on the root, 3=11-20 cysts on the root, 4=21-40 cysts on the root, and 5=> 40 cysts on the root. The 7 replications were averaged and if there were less than 4 plants to rate,

the screening was repeated and the data was not shown if there were less than 4 plants for the rating. The mean rating = (rating category x number of plants receiving rating)/total number of plants in that comparison.

In 2012 the HG Type of the populations was as follows: HG Type 1.2.5.7 (race 2), HG Type 5.7 (race 3), and HG Type 2.5.7 (race 5). Williams 82 was used as the standard susceptible due to germination and lack of vigor issues with PI 548658, although PI 548658 was included in all tests. The standard index lines were included in every test to confirm characterization. For race 2, Williams 82 had an average of 340 cysts per test. The female index for the cultures were as follows: Pickett FI 53, PI 548402 FI 20.5, PI 88788 FI 52.7, PI 90763 FI <1, PI 437654 FI <1, PI 209332 FI 39.4, PI 89772 FI 2, and PI 548316 FI 52. For race 3, Williams 82 had an average of 231 cysts per test. The female index for the cultures were as follows: Pickett FI 5, PI 548402 FI 3, PI 88788 FI 5, PI 90763 FI 1, PI 437654 FI 0, PI 209332 FI 17.9, PI 89772 FI 1, and PI 548316 FI 14.8. For race 5, Williams 82 had an average of 282 cysts per test. The female index for the cultures were as follows: Pickett FI 31, PI 548402 FI 4, PI 88788 FI 35.9, PI 90763 FI <1, PI 437654 FI <1, PI 209332 FI 59.2, PI 89772 FI <1, and PI 548316 FI 26.8.

Stem Canker. Strains from all tests were evaluated at the Delta Research and Extension Center, Stoneville, Mississippi. Strains were planted in single-row plots 1.8 m long. Inoculum was produced by aseptically culturing isolates Li 196 and Li 197 of the fungus *Diaporthe phaseolorum* var *meridionalis* on autoclaved toothpicks. Twelve plants per plot were inoculated by forcing a toothpick through the stem in the upper one-third of the plant. Stem canker lesion development was observed and noted every 2 weeks beginning with initial signs of disease on the susceptible checks. Final ratings were determined when the susceptible checks had been killed by the disease, or the plot was near maturity. Plants having any external lesion were rated as susceptible. Ratings for the UIVS and UV trials were not reported in 2012 due to poor disease development and lack of uniform results in earlier maturing lines.

R = resistant. No plants exhibited external lesions and no leaf damage.
S = susceptible
SS = segregating for susceptible and resistant plants
MS = moderate susceptible
MR = moderately resistant. A few plants showed minor leaf sympthoms

Sudden Death Syndrome (SDS). SDS was evaluated for UIV-S and UV at Valmeyer, Illinois in two plots 10 feet long. Disease incidence (DI), the % of plant exhibiting symptoms, was recorded between growth stages R5.8 and R6.4, along with disease severity (DS), which was scored on a 1-9 scale with 1 = mild chlorosis, 5 = severe leaf scorch, and 9 = premature death of plant. Disease index (DX) was then calculated as (DI*DS)/9. DX is reported. The DX for UIV-S susceptible checks CM497 and resistant check Pharaoh respectively, were 29 and 9. The DX for the UV susceptible checks DP 105 and 850RR, and the resistant checks A5560 and LS05-6521 respectively, were 24, 47, 6 and 6.

STATISTICAL ANALYSES

Yield, maturity, height, lodging and quality data for each test were analyzed by location by analysis of variance using a mixed model (Proc Mixed in SAS) with variety as the fixed effect and replication as random. Coefficient of variation (CV) and LSD ($\alpha = 0.05$) were calculated from the Proc Mixed output for yield. LSmeans are presented when multiple replications of data were available. Any location that does not have at least two replications of yield data is not included in the yield analysis. In the cases when only I rep of data was provided for variables other than yield, the actual values for that rep were presented.

Yield, maturity, height, lodging and quality for each test were analyzed by area for the uniform tests by analysis of variance using a mixed model (Proc Mixed in SAS) with variety as a fixed effect and location rep(location)

location*variety; as random effects. Coefficient of variation (CV) and LSD (α = 0.05) were calculated from the Proc Mixed output. The location means are presented for areas that only have data from one location. Yield data from locations with a yield CV of over 15 were omitted from area means.

Yield, maturity, height, lodging and quality for each test were analyzed over all locations for the uniform tests and the preliminary tests by analysis of variance using a mixed model (Proc Mixed in SAS) with variety as a fixed effect and location rep(location) location*variety as random effects. Coefficient of variation (CV) and LSD (α = 0.05) were calculated from the Proc Mixed output. Yield data from locations with a yield CV of over 15 were omitted from test means and ranks.

The protein and oil data for a variety/strain at a location is the NIR analysis results from one composite sample of all replications at the location. Size data is collected either for all replications, or as a composite sample, so arithmetic means or composite sample NIR results are presented. Protein, oil and size were analyzed by test by analysis of variance using a mixed model (Proc Mixed in SAS) with variety as a fixed effect and location; as a random effect. Coefficient of variation (CV) and average LSD (α = 0.05) were calculated from the Proc Mixed output. LSmeans are presented for the test means.

The Rank column in the general summary tables indicated the relative ranking of the yield based on the average performance of a line across locations. Locations with a high yield CV value are not included in Rank calculations.

The Average Rank column in the general summary tables indicates the yield rank of a line based on the average of a line's rank at each individual location. Locations with a high yield CV value are not included in Average Rank calculations.

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TABLE 1 - PARENTAGE OF STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	5002T	Commercial check		
2	AG 4632RR2Y	Commercial check		
3	DK 4866	Commercial check		
4	AG 4907	Commercial check		
5	DS19-1	PI 547879 x GC 00138-29	F5	Rust (50% exotic pedigree)
6	JTN-4607	LS94-3207 X S95-1908	F13	SCN, FLS
7	LS08-6332	LS00-1755 x 5002T	F6	
8	NCC06-148	S00-9925-10xDT99-17400	F4:9	
9	NCC06-339	S00-9925-10xDT99-17400	F4:9	
10	R07-1685	5002T x Ozark	F3	
11	R07-5351	LS96-1631 x R96-3427	F6	
12	R08-141	R00-1076 x R00-1940	F4	
13	R09-209	5002T x Ozark	F5	
14	R09-430	BA 743303 x R00-684	F5	
15	S08-9942	R00-1194F X S03-383RR		SCN
16	S08-14117	R00-1194F X S04-5969RR		SCN
17	S09-10871	S04-10364 x S04-12412	F5	SCN,CONV
18	TN09-004	Fowler × Anand		
19	TN09-029	Fowler × Anand		
20	V05-2664	R95-2210 X V96-0332	F4	Det.
21	V06-10038	V95-0391 x PI 227328	F4	Det.(50% exotic pedigree)
22	V07-5775	V97-2276 x GP26062	F4	Det.

TABLE 2 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2012

STRAIN/	AVERAGE		YIELD			PROTEIN			OIL		
VARIETY	RANK	RANK	2012	11-12	10-12	2012	11-12	10-12	2012	11-12	10-12
5002T	13	11	58.7	53.5	52.1	39.9	40.0	39.3	22.7	22.3	22.0
AG 4632RR2Y	2	6	64.1	.	.	39.3	.	.	22.4	.	.
DK 4866	6	8	62.5	56.6	53.3	40.0	39.7	39.6	22.0	21.6	21.5
AG 4907	5	7	62.6	56.8	53.5	40.7	40.3	39.9	22.1	21.8	21.4
DS19-1	22	22	35.6	.	.	43.2	.	.	21.2	.	.
JTN-4607	18	15	55.7	51.5	47.8	41.6	41.4	41.1	21.8	21.6	21.1
LS08-6332	9	10	60.3	.	.	41.3	.	.	22.4	.	.
NCC06-148	7	10	61.7	56.6	53.5	41.2	41.1	40.4	22.0	21.6	21.1
NCC06-339	4	8	63.1	56.5	54.6	39.7	39.8	39.4	22.1	21.7	21.3
R07-1685	15	12	57.8	.	.	40.4	.	.	22.0	.	.
R07-5351	14	13	58.6	.	.	40.8	.	.	21.8	.	.
R08-141	17	14	56.4	.	.	39.8	.	.	22.6	.	.
R09-209	10	11	60.3	.	.	41.3	.	.	21.5	.	.
R09-430	1	5	65.2	.	.	41.7	.	.	22.5	.	.
S08-9942	11	11	59.4	.	.	39.3	.	.	23.0	.	.
S08-14117	12	12	58.7	.	.	39.9	.	.	23.6	.	.
S09-10871	3	6	63.8	.	.	41.7	.	.	21.5	.	.
TN09-004	16	13	57.2	53.6	.	38.5	38.7	.	22.6	22.4	.
TN09-029	21	16	54.2	.	.	39.6	.	.	21.5	.	.
V05-2664	8	10	60.4	55.0	52.2	40.1	39.9	39.4	22.1	22.0	21.8
V06-10038	20	16	54.6	.	.	39.6	.	.	22.2	.	.
V07-5775	19	16	55.5	.	.	39.5	.	.	23.0	.	.
Mean	.	.	58.5	.	.	40.4	.	.	22.2	.	.
LSD(0.05)	.	.	5.1	.	.	1.0	.	.	0.5	.	.
CV(%)	.	.	13.1	.	.	2.2	.	.	2.0	.	.

TABLE 3 - GENERAL SUMMARY OF BOTANICAL TRAITS FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2012

STRAIN/ VARIETY	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SEED SIZE	FL. COLOR	PUB. COLOR	POD COLOR
5002T	0	1.4	27	2.1	14.2	W	T	T
AG 4632RR2Y	-3	1.8	39	2.2	15.6	P	G	BR
DK 4866	-2	1.8	40	1.9	14.7	P	G	BR
AG 4907	0	1.8	42	2.1	14.2	P	G	BR
DS19-1	-3	2.7	45	2.0	16.0	P	T	BR
JTN-4607	-3	1.7	32	1.7	14.3	W	T	T
LS08-6332	-3	1.2	25	1.8	15.6	P	T	T
NCC06-148	0	1.4	29	1.7	15.4	W	T	T
NCC06-339	-1	1.4	28	1.7	13.7	P	T	T
R07-1685	0	1.5	30	1.6	13.5	P	T	T
R07-5351	1	1.6	31	1.7	14.6	P	G	T
R08-141	0	2.7	34	1.7	12.7	P	T	T
R09-209	2	1.9	36	1.8	13.9	P	G	T
R09-430	2	1.5	30	1.8	14.2	P	G	T
S08-9942	0	1.8	42	2.0	13.0	P	LT	T
S08-14117	-8	1.6	39	2.1	13.7	W	T	T
S09-10871	-1	1.6	36	2.0	16.6	W	T	T
TN09-004	2	1.3	31	2.0	13.9	P	T	T
TN09-029	0	1.3	28	1.7	13.3	P	T	T
V05-2664	1	1.7	29	1.9	13.8	W	T	T
V06-10038	-5	1.4	27	1.8	13.3	W	G	T
V07-5775	-1	1.6	32	2.0	12.0	P	G	T
Mean	-1	1.7	33	1.9	14.2			
LSD(0.05)	2	0.3	3	0.4	1.1			
CV(%)	298	32.0	12	25.0	8.3			

TABLE 4 - GENERAL SUMMARY OF PEST REACTION FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2012

STRAIN/ VARIETY	SCN HG TYPE 1.2.5.7 Race 2	SCN HG TYPE 5.7 Race 3	SCN HG TYPE 2.5.7 Race 5	PRK GA	SRK GA	SC RATING	SC SCORE	SDS DX
5002T	5	5	5	4.8	5.0		.	2
AG 4632RR2Y	5	4	5	4.8	4.8		.	17
DK 4866	5	5	5	4.5	5.0		.	4
AG 4907	5	2	4	5.0	5.0		.	8
DS19-1	5	5	4	3.5	5.0		.	14
JTN-4607	1	1	1	4.0	4.3		.	2
LS08-6332	5	3	4	4.8	5.0		.	1
NCC06-148	5	5	5	4.8	3.3		.	8
NCC06-339	5	5	4	5.0	5.0		.	11
R07-1685	5	5	5	3.3	5.0		.	1
R07-5351	5	2	4	2.8	5.0		.	1
R08-141	5	3	4	3.5	5.0		.	1
R09-209	5	5	5	5.0	5.0		.	7
R09-430	5	4	5	5.0	1.8		.	10
S08-9942	5	3	4	4.8	3.8		.	1
S08-14117	5	3	4	1.5	5.0		.	1
S09-10871	5	5	5	5.0	5.0		.	3
TN09-004	1	4	1	4.8	3.3		.	3
TN09-029	1	1	1	4.8	5.0		.	1
V05-2664	5	3	5	4.3	4.3		.	7
V06-10038	5	3	5	5.0	5.0		.	1
V07-5775	5	5	5	4.8	4.8		.	17

TABLE 5 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2012

Delta

STRAIN/ VARIETY	Keiser, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
5002T	84.4	55.6	68.2	73.0	70.9	70.4
AG 4632RR2Y	74.8	57.7	71.0	72.4	75.3	70.2
DK 4866	80.5	62.1	77.2	73.0	69.7	72.5
AG 4907	63.9	62.1	73.4	65.6	72.2	67.4
DS19-1	27.6	30.3	38.7	27.9	41.0	33.1
JTN-4607	69.0	56.6	61.0	42.8	65.8	59.0
LS08-6332	64.9	58.2	64.3	76.3	67.1	66.2
NCC06-148	85.0	56.0	68.9	70.1	75.1	71.0
NCC06-339	85.4	57.2	72.6	70.5	76.5	72.4
R07-1685	80.7	56.0	66.7	63.1	72.5	67.8
R07-5351	78.8	54.8	65.3	44.6	71.8	63.1
R08-141	68.0	61.5	67.2	64.9	68.7	66.1
R09-209	78.7	55.2	65.1	56.1	74.1	65.9
R09-430	77.9	54.1	77.4	64.6	83.2	71.4
S08-9942	65.9	59.9	69.9	63.3	69.9	65.8
S08-14117	72.9	54.6	76.1	57.6	64.2	65.1
S09-10871	79.7	65.0	74.2	74.6	78.4	74.4
TN09-004	78.0	52.4	68.2	56.2	77.1	66.4
TN09-029	74.3	51.1	63.6	40.4	66.1	59.1
V05-2664	78.9	60.4	73.2	60.7	71.9	69.0
V06-10038	73.8	47.7	55.0	57.6	60.7	59.0
V07-5775	64.8	52.6	64.2	47.6	61.0	58.0
Mean	73.1	55.5	67.3	60.1	69.7	65.2
LSD(0.05)	10.1	6.8	7.6	15.3	7.5	7.3
CV(%)	8.4	7.4	6.8	15.4	6.5	11.7

TABLE 5 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2012

East

STRAIN/ VARIETY	*Plymouth, NC(B)*	*Warsaw, VA*	*Area Mean*
5002T	21.1	61.0	41.7
AG 4632RR2Y	56.6	63.2	59.8
DK 4866	42.8	69.3	56.4
AG 4907	64.6	66.6	65.4
DS19-1	29.2	52.3	41.1
JTN-4607	43.4	57.6	50.6
LS08-6332	65.9	65.9	65.6
NCC06-148	56.4	66.0	61.2
NCC06-339	55.0	62.8	58.8
R07-1685	35.2	54.7	45.2
R07-5351	62.9	62.8	62.6
R08-141	33.2	60.2	47.1
R09-209	55.2	63.2	59.1
R09-430	63.8	65.4	64.4
S08-9942	56.5	54.3	55.1
S08-14117	47.0	57.1	52.0
S09-10871	40.1	60.9	50.7
TN09-004	29.3	58.4	44.3
TN09-029	47.0	58.7	52.9
V05-2664	56.9	64.2	60.5
V06-10038	49.1	55.3	52.1
V07-5775	62.8	64.0	63.2
Mean	48.8	61.1	55.0
LSD(0.05)	12.4	9.8	16.7
CV(%)	12.2	9.8	16.9

TABLE 5 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2012

South

STRAIN/ VARIETY	Jackson, TN	Milan, TN	Springfield, TN	Starkville, MS	Area Mean
5002T	47.5	83.3	70.8	49.7	77.1
AG 4632RR2Y	42.0	88.6	77.7	64.6	83.2
DK 4866	40.4	83.2	72.9	62.2	78.1
AG 4907	45.6	81.2	72.0	70.1	76.6
DS19-1	36.8	50.3	44.6	46.8	47.5
JTN-4607	49.8	79.6	68.1	57.3	73.9
LS08-6332	54.6	78.6	65.1	56.7	71.9
NCC06-148	44.7	83.2	64.2	63.1	73.7
NCC06-339	43.3	80.7	71.5	67.3	76.0
R07-1685	40.9	84.1	61.3	47.4	72.7
R07-5351	48.1	75.0	69.7	53.0	72.4
R08-141	51.3	72.4	58.9	75.9	65.6
R09-209	48.8	75.8	69.1	63.1	72.4
R09-430	57.9	87.2	72.9	68.7	80.1
S08-9942	44.3	72.8	71.5	60.3	72.1
S08-14117	36.1	82.9	70.0	60.3	76.4
S09-10871	49.4	85.1	79.3	64.9	82.2
TN09-004	59.1	79.8	64.6	61.0	72.2
TN09-029	38.2	70.9	59.1	49.2	65.0
V05-2664	43.1	77.1	66.8	54.6	71.9
V06-10038	34.9	72.9	69.9	39.6	71.4
V07-5775	56.8	72.9	60.6	47.7	66.7
Mean	46.1	78.1	67.3	58.3	72.7
LSD(0.05)	14.7	6.5	9.7	17.0	7.4
CV(%)	18.6	5.0	8.6	17.7	7.4

TABLE 5 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***McCune, KS***	***Pittsburg, KS***	***Area Mean***
5002T	33.4	50.6	28.5	37.5
AG 4632RR2Y	42.9	56.7	32.9	44.2
DK 4866	39.7	54.6	23.7	39.3
AG 4907	46.1	52.9	32.2	43.7
DS19-1	28.6	37.9	19.1	28.5
JTN-4607	38.1	48.7	37.1	41.3
LS08-6332	35.0	51.1	33.0	39.7
NCC06-148	39.7	47.9	27.6	38.4
NCC06-339	46.1	49.4	29.3	41.6
R07-1685	41.3	50.6	26.6	39.5
R07-5351	39.7	47.1	31.8	39.6
R08-141	36.5	49.0	34.7	40.1
R09-209	52.4	49.8	28.9	43.7
R09-430	46.1	56.7	34.0	45.6
S08-9942	41.3	51.8	36.8	43.3
S08-14117	39.7	54.8	27.6	40.7
S09-10871	42.9	58.7	25.5	42.4
TN09-004	31.8	49.8	38.8	40.1
TN09-029	30.2	49.8	39.4	39.8
V05-2664	33.4	51.0	31.4	38.6
V06-10038	36.5	46.0	31.6	38.0
V07-5775	41.3	47.1	28.6	39.0
Mean	39.2	50.5	30.9	40.2
LSD(0.05)	9.0	5.6	2.7	7.6
CV(%)	13.9	6.8	5.3	13.9

TABLE 6 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Warsaw, VA	Test Mean
5002T	22.8	20.2	23.6	23.5	22.9	23.6	22.6	22.7
AG 4632RR2Y	23.2	20.8	23.0	23.0	22.0	22.9	22.2	22.4
DK 4866	22.9	20.5	22.7	22.2	21.6	22.3	21.8	22.0
AG 4907	22.9	20.3	22.2	22.8	22.0	22.5	22.0	22.1
DS19-1	21.6	20.4	21.7	21.9	20.7	20.8	21.5	21.2
JTN-4607	22.0	20.8	21.9	22.4	22.0	21.8	22.0	21.8
LS08-6332	23.3	20.9	22.6	22.8	22.6	22.5	22.3	22.4
NCC06-148	22.1	20.3	22.9	22.3	21.9	22.6	21.6	22.0
NCC06-339	22.0	21.6	22.4	22.1	22.1	22.4	21.8	22.1
R07-1685	21.9	20.3	23.1	22.7	22.2	22.1	21.8	22.0
R07-5351	22.2	20.4	22.1	22.2	22.3	21.8	21.7	21.8
R08-141	22.4	21.0	24.3	22.8	23.0	22.3	22.1	22.6
R09-209	21.7	19.5	21.8	22.6	21.8	21.5	21.3	21.5
R09-430	22.8	21.3	22.4	22.9	22.7	22.3	23.0	22.5
S08-9942	24.0	21.5	23.9	23.2	22.9	23.0	22.7	23.0
S08-14117	24.9	22.1	24.4	23.5	23.2	24.3	23.0	23.6
S09-10871	21.6	20.6	21.5	21.4	21.1	22.4	21.9	21.5
TN09-004	22.5	21.3	23.7	22.9	22.7	22.4	22.9	22.6
TN09-029	21.7	20.6	21.9	21.5	21.5	22.0	21.5	21.5
V05-2664	22.5	20.3	22.3	22.7	22.8	22.4	22.0	22.1
V06-10038	23.1	21.4	22.4	22.1	22.3	22.3	21.5	22.2
V07-5775	23.5	22.3	23.0	23.5	23.2	21.9	23.3	23.0
Mean	22.6	20.8	22.7	22.6	22.3	22.4	22.1	.

TABLE 7 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Warsaw, VA	Test Mean
5002T	42.6	39.8	36.0	40.1	40.7	40.8	39.6	39.9
AG 4632RR2Y	39.8	41.6	37.2	39.1	39.7	39.1	38.9	39.3
DK 4866	40.5	40.9	38.0	40.2	40.4	40.7	39.1	40.0
AG 4907	40.6	41.3	40.4	39.8	41.5	40.8	40.4	40.7
DS19-1	43.6	43.8	42.2	42.0	44.6	44.6	41.9	43.2
JTN-4607	43.1	40.6	40.4	40.7	42.9	43.6	39.8	41.6
LS08-6332	41.3	40.9	42.4	40.2	41.4	43.1	39.9	41.3
NCC06-148	42.9	40.8	39.7	40.9	41.6	41.7	40.9	41.2
NCC06-339	41.5	39.0	38.0	39.7	39.4	40.6	39.5	39.7
R07-1685	42.9	40.1	37.9	40.4	40.6	41.3	39.8	40.4
R07-5351	41.2	40.9	41.0	40.9	40.3	41.1	40.5	40.8
R08-141	41.9	39.5	35.9	40.6	40.5	41.5	39.0	39.8
R09-209	42.7	40.6	41.1	40.4	41.6	42.5	40.4	41.3
R09-430	42.7	40.9	42.5	41.1	41.9	42.4	40.4	41.7
S08-9942	39.8	39.9	37.1	39.2	40.1	40.2	38.9	39.3
S08-14117	40.0	40.7	38.0	40.1	41.0	40.5	38.8	39.9
S09-10871	42.6	43.2	41.2	41.6	42.2	41.6	39.5	41.7
TN09-004	41.0	38.2	36.2	38.1	39.0	39.5	37.3	38.5
TN09-029	41.5	38.9	39.0	39.1	40.0	40.3	38.6	39.6
V05-2664	42.3	39.6	40.5	39.3	39.6	41.7	38.0	40.1
V06-10038	39.3	39.1	39.5	40.1	39.4	41.1	38.7	39.6
V07-5775	39.8	38.2	40.1	39.1	39.5	41.6	38.2	39.5
Mean	41.5	40.4	39.3	40.1	40.8	41.4	39.5	.

TABLE 8 - SIZE (GRAMS PER 100 SEED) FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

STRAIN/ VARIETY	Bossier City, LA	Jackson, TN	Keiser, AR	McCune, KS	Milan, TN	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Portageville, MO(B)	Springfield, TN	Starkville, MS	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	11.7	15.3	.	16.8	.	12.2	11.7	15.3	16.0	.	.	14.2	.	15.1	14.2
AG 4632RR2Y	13.2	14.6	.	17.0	.	18.0	14.5	15.4	16.3	.	.	15.4	.	16.2	15.6
DK 4866	12.8	14.7	.	14.9	.	15.7	13.6	15.1	15.8	.	.	14.1	.	15.4	14.7
AG 4907	12.3	14.6	.	13.5	.	14.9	14.7	16.1	14.3	.	.	13.2	.	14.8	14.2
DS19-1	13.4	17.3	.	14.2	.	16.8	16.4	14.5	15.8	.	.	17.5	.	18.4	16.0
JTN-4607	13.6	14.4	.	15.4	.	15.4	11.4	15.5	14.8	.	.	14.2	.	14.4	14.3
LS08-6332	14.3	14.7	.	16.3	.	15.7	16.2	16.0	16.0	.	.	15.2	.	15.7	15.6
NCC06-148	12.6	14.5	.	16.3	.	14.3	15.4	17.4	16.6	.	.	15.0	.	16.3	15.4
NCC06-339	13.1	13.7	.	14.5	.	13.1	12.5	16.0	13.5	.	.	13.3	.	14.0	13.7
R07-1685	11.5	14.1	.	13.8	.	12.2	11.0	19.0	13.9	.	.	12.4	.	13.4	13.5
R07-5351	10.8	14.5	.	15.3	.	13.1	15.1	15.0	21.5	.	.	12.3	.	14.1	14.6
R08-141	10.7	13.3	.	13.0	.	13.0	10.3	14.9	14.6	.	.	11.6	.	13.1	12.7
R09-209	10.7	14.6	.	14.0	.	11.5	14.2	15.0	14.9	.	.	15.7	.	14.5	13.9
R09-430	11.8	15.0	.	14.7	.	14.5	13.6	14.6	15.9	.	.	13.2	.	14.7	14.2
S08-9942	12.1	13.4	.	13.1	.	13.7	12.5	14.4	13.3	.	.	11.4	.	13.5	13.0
S08-14117	13.5	12.5	.	14.1	.	14.9	12.3	15.1	14.3	.	.	13.6	.	13.5	13.7
S09-10871	12.5	18.0	.	17.1	.	18.2	16.2	15.9	17.6	.	.	16.4	.	17.1	16.6
TN09-004	11.6	15.6	.	14.6	.	14.4	13.0	15.0	14.3	.	.	12.0	.	15.1	13.9
TN09-029	10.8	14.0	.	14.4	.	13.2	13.1	14.3	13.9	.	.	12.1	.	14.4	13.3
V05-2664	11.1	13.4	.	14.1	.	13.6	13.5	15.3	14.9	.	.	13.7	.	14.7	13.8
V06-10038	12.3	11.8	.	15.2	.	13.4	11.9	14.7	13.3	.	.	13.4	.	13.4	13.3
V07-5775	13.3	11.0	.	11.9	.	11.1	11.0	13.2	11.5	.	.	14.0	.	11.1	12.0
Mean	12.3	14.3	.	14.7	.	14.2	13.3	15.3	15.1	.	.	13.8	.	14.7	.

TABLE 9 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

Delta

STRAIN/ VARIETY	Keiser, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
5002T	9/26	9/24	9/28	9/10	9/24	9/22
AG 4632RR2Y	-3	-2	-1	-2	-11	-4
DK 4866	-4	1	0	-2	-4	-2
AG 4907	-2	1	0	0	-4	-1
DS19-1	-2	0	-1	-3	-9	-3
JTN-4607	-3	0	-2	-5	-6	-3
LS08-6332	-1	0	-2	-4	-8	-3
NCC06-148	-2	1	1	-2	0	0
NCC06-339	-1	0	1	-4	-2	-1
R07-1685	-2	1	-1	-1	-2	-1
R07-5351	-3	1	-1	1	-2	-1
R08-141	-2	1	0	5	-3	0
R09-209	-2	1	0	6	0	1
R09-430	-2	0	0	3	0	0
S08-9942	-2	2	0	1	-2	0
S08-14117	-4	-6	-3	-17	-9	-7
S09-10871	-3	1	-1	-5	-5	-2
TN09-004	-1	2	0	0	1	0
TN09-029	-2	0	0	1	-1	0
V05-2664	-2	1	0	3	-3	0
V06-10038	-1	-2	-3	-5	-10	-4
V07-5775	-4	-1	0	4	-7	-2
Mean	-2	0	-1	-1	-4	-2

TABLE 9 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

East

STRAIN/ VARIETY	***Plymouth, NC(B)***	***Warsaw, VA***	***Area Mean***
5002T	9/30	10/6	10/3
AG 4632RR2Y	-4	0	-2
DK 4866	-3	3	0
AG 4907	-1	5	3
DS19-1	-3	-2	-2
JTN-4607	-5	1	-2
LS08-6332	-2	0	-1
NCC06-148	0	5	2
NCC06-339	-2	5	2
R07-1685	-2	3	1
R07-5351	1	6	3
R08-141	-2	3	1
R09-209	3	8	5
R09-430	6	7	6
S08-9942	-1	3	1
S08-14117	-4	-3	-3
S09-10871	4	1	2
TN09-004	8	5	6
TN09-029	-2	6	2
V05-2664	5	7	6
V06-10038	-5	1	-2
V07-5775	-3	4	1
Mean	0	3	1

TABLE 9 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

South

STRAIN/ VARIETY	*Jackson, TN*	*Milan, TN*	*Springfield, TN*	*Area Mean*
5002T	10/5	10/6	10/10	10/7
AG 4632RR2Y	-4	0	-6	-3
DK 4866	-6	-1	-3	-3
AG 4907	-6	3	-1	-1
DS19-1	-7	-1	-1	-3
JTN-4607	-5	0	-4	-3
LS08-6332	-10	-3	-6	-6
NCC06-148	-2	2	-4	-1
NCC06-339	-3	-1	-3	-2
R07-1685	0	0	-3	-1
R07-5351	-1	3	-1	0
R08-141	0	-1	-3	-1
R09-209	0	5	-1	1
R09-430	-1	4	0	1
S08-9942	-1	1	-1	0
S08-14117	-21	-8	-7	-12
S09-10871	0	-1	-5	-2
TN09-004	2	5	-5	1
TN09-029	-3	1	-6	-3
V05-2664	-2	2	-1	-1
V06-10038	-12	-5	-8	-8
V07-5775	-8	-1	-4	-4
Mean	-4	0	-3	-2

TABLE 9 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***Area Mean***
5002T	8/31	8/31
AG 4632RR2Y	-1	-1
DK 4866	-3	-3
AG 4907	3	3
DS19-1	0	0
JTN-4607	0	0
LS08-6332	5	5
NCC06-148	4	4
NCC06-339	0	0
R07-1685	5	5
R07-5351	5	5
R08-141	6	6
R09-209	6	6
R09-430	6	6
S08-9942	0	0
S08-14117	-5	-5
S09-10871	6	6
TN09-004	4	4
TN09-029	5	5
V05-2664	-2	-2
V06-10038	-5	-5
V07-5775	6	6
Mean	2	2

TABLE 10 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

Delta

STRAIN/ VARIETY	Keiser, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
5002T	32	29	31	27	28	29
AG 4632RR2Y	43	43	43	42	44	43
DK 4866	45	47	47	43	45	45
AG 4907	43	51	44	41	46	45
DS19-1	49	51	51	51	52	51
JTN-4607	39	28	30	29	40	33
LS08-6332	25	23	27	23	27	25
NCC06-148	32	25	33	31	36	31
NCC06-339	33	23	32	26	33	30
R07-1685	34	26	33	31	36	32
R07-5351	37	24	34	27	34	31
R08-141	38	32	36	33	41	36
R09-209	38	30	40	37	42	38
R09-430	35	23	32	30	34	31
S08-9942	49	48	48	35	49	46
S08-14117	39	47	45	39	44	43
S09-10871	40	42	45	33	41	40
TN09-004	38	28	36	31	35	33
TN09-029	34	26	34	24	30	30
V05-2664	39	27	29	29	34	31
V06-10038	30	24	30	29	33	29
V07-5775	38	26	40	27	37	34
Mean	38	33	37	33	38	.

TABLE 10 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

East

STRAIN/ VARIETY	*Plymouth, NC(B)*	*Warsaw, VA*	*Area Mean*
5002T	31	21	26
AG 4632RR2Y	44	31	37
DK 4866	41	34	38
AG 4907	49	35	42
DS19-1	50	39	45
JTN-4607	41	27	34
LS08-6332	32	21	27
NCC06-148	35	23	29
NCC06-339	33	23	28
R07-1685	32	21	26
R07-5351	38	25	31
R08-141	39	26	32
R09-209	41	27	34
R09-430	32	23	28
S08-9942	45	35	40
S08-14117	41	29	35
S09-10871	35	29	33
TN09-004	34	21	28
TN09-029	34	24	29
V05-2664	37	23	30
V06-10038	32	20	26
V07-5775	38	24	31
Mean	38	26	.

TABLE 10 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

South

STRAIN/ VARIETY	Jackson, TN	Milan, TN	Springfield, TN	Starkville, MS	Area Mean
5002T	26	.	27	.	27
AG 4632RR2Y	36	.	43	.	39
DK 4866	37	.	46	.	42
AG 4907	42	.	44	.	43
DS19-1	43	.	44	.	44
JTN-4607	33	.	29	.	31
LS08-6332	28	.	30	.	29
NCC06-148	27	.	37	.	32
NCC06-339	25	.	34	.	29
R07-1685	27	.	36	.	32
R07-5351	33	.	36	.	35
R08-141	39	.	29	.	34
R09-209	38	.	38	.	38
R09-430	30	.	32	.	31
S08-9942	43	.	44	.	44
S08-14117	39	.	43	.	41
S09-10871	35	.	41	.	38
TN09-004	28	.	36	.	32
TN09-029	29	.	32	.	31
V05-2664	30	.	28	.	29
V06-10038	24	.	33	.	29
V07-5775	32	.	33	.	33
Mean	33	.	36	.	.

TABLE 10 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

West

STRAIN/ VARIETY	*Bossier City, LA*	*McCune, KS*	*Pittsburg, KS*	*Area Mean*
5002T	20	.	25	23
AG 4632RR2Y	31	.	29	30
DK 4866	28	.	28	28
AG 4907	33	.	34	33
DS19-1	38	.	30	34
JTN-4607	33	.	29	31
LS08-6332	19	.	22	21
NCC06-148	23	.	23	23
NCC06-339	23	.	23	23
R07-1685	31	.	23	27
R07-5351	26	.	27	27
R08-141	31	.	35	33
R09-209	31	.	33	32
R09-430	30	.	26	28
S08-9942	36	.	29	33
S08-14117	32	.	30	31
S09-10871	32	.	24	28
TN09-004	24	.	27	26
TN09-029	20	.	24	22
V05-2664	23	.	26	24
V06-10038	17	.	22	20
V07-5775	26	.	25	26
Mean	28	.	27	.

TABLE 11 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

Delta

STRAIN/ VARIETY	*Keiser, AR*	*Portageville, MO(A)*	*Portageville, MO(B)*	*Stoneville, MS*	*Stuttgart, AR*	*Area Mean*
5002T	1.7	1.0	1.0	2.0	1.7	1.4
AG 4632RR2Y	1.0	2.3	2.0	3.0	3.3	2.2
DK 4866	1.0	2.0	2.0	3.0	3.7	2.2
AG 4907	1.0	2.0	2.0	3.0	2.7	2.0
DS19-1	3.0	2.3	2.5	5.0	3.7	3.0
JTN-4607	1.3	1.0	1.0	2.0	2.7	1.5
LS08-6332	1.0	1.0	1.0	2.0	1.3	1.2
NCC06-148	1.3	1.0	1.0	2.0	2.0	1.4
NCC06-339	1.0	1.0	1.0	2.0	2.0	1.3
R07-1685	1.7	1.0	1.0	2.0	2.3	1.5
R07-5351	1.3	1.0	1.0	2.0	3.0	1.6
R08-141	3.3	1.0	2.5	4.0	3.3	2.7
R09-209	2.7	1.0	1.0	2.0	3.0	1.9
R09-430	1.3	1.0	1.0	2.0	2.0	1.4
S08-9942	1.0	2.0	3.0	3.0	2.3	2.2
S08-14117	1.0	2.3	2.5	2.0	3.3	2.3
S09-10871	1.3	2.0	1.5	2.0	2.7	1.9
TN09-004	1.3	1.0	1.0	2.0	1.7	1.3
TN09-029	1.0	1.0	1.0	2.0	1.0	1.1
V05-2664	2.7	1.0	1.5	2.0	3.0	2.0
V06-10038	1.0	1.0	1.0	2.0	2.0	1.3
V07-5775	1.3	1.0	2.0	2.0	3.0	1.8
Mean	1.5	1.4	1.5	2.4	2.5	.

TABLE 11 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

East

STRAIN/ VARIETY	*Plymouth, NC(B)*	*Warsaw, VA*	*Area Mean*
5002T	1.3	1.0	1.1
AG 4632RR2Y	2.0	1.1	1.5
DK 4866	1.5	1.2	1.3
AG 4907	2.7	1.1	1.8
DS19-1	3.0	1.8	2.3
JTN-4607	2.5	1.3	1.8
LS08-6332	1.7	1.1	1.4
NCC06-148	1.5	1.0	1.2
NCC06-339	1.5	1.2	1.3
R07-1685	1.7	1.1	1.3
R07-5351	3.0	1.3	2.0
R08-141	2.7	1.6	2.1
R09-209	2.0	1.4	1.6
R09-430	2.2	1.2	1.6
S08-9942	1.5	1.1	1.3
S08-14117	1.5	1.1	1.2
S09-10871	1.2	1.1	1.2
TN09-004	1.2	1.0	1.1
TN09-029	1.5	1.2	1.3
V05-2664	2.0	1.2	1.5
V06-10038	1.5	1.1	1.2
V07-5775	2.0	1.0	1.4
Mean	1.9	1.2	.

TABLE 11 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

South

STRAIN/ VARIETY	*Jackson, TN*	*Milan, TN*	*Springfield, TN*	*Starkville, MS*	*Area Mean*
5002T	1.3	2.3	1.5	.	1.7
AG 4632RR2Y	2.0	2.3	1.3	.	1.9
DK 4866	1.7	3.0	1.3	.	2.0
AG 4907	2.3	2.0	1.3	.	1.9
DS19-1	3.0	4.0	2.8	.	3.3
JTN-4607	2.3	2.7	1.2	.	2.1
LS08-6332	1.0	1.7	1.0	.	1.2
NCC06-148	1.0	3.3	1.5	.	1.9
NCC06-339	1.0	3.0	1.0	.	1.7
R07-1685	1.0	2.7	1.5	.	1.7
R07-5351	2.0	2.7	1.2	.	1.9
R08-141	3.3	3.3	4.0	.	3.6
R09-209	2.0	3.0	2.3	.	2.4
R09-430	1.7	2.7	1.0	.	1.8
S08-9942	1.7	2.7	1.2	.	1.8
S08-14117	1.0	1.7	1.3	.	1.3
S09-10871	1.3	2.3	1.0	.	1.6
TN09-004	1.3	2.3	1.3	.	1.7
TN09-029	1.0	2.7	1.2	.	1.6
V05-2664	1.3	2.0	2.3	.	1.9
V06-10038	1.0	3.0	1.0	.	1.7
V07-5775	1.7	2.3	1.2	.	1.7
Mean	1.6	2.6	1.5	.	.

TABLE 11 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***McCune, KS***	***Pittsburg, KS***	***Area Mean***
5002T	1.0	1.0	1.0	1.0
AG 4632RR2Y	1.3	1.0	1.0	1.1
DK 4866	1.5	1.0	1.0	1.2
AG 4907	1.2	1.0	1.0	1.1
DS19-1	2.5	1.0	1.0	1.5
JTN-4607	1.2	1.0	1.3	1.2
LS08-6332	1.0	1.0	1.0	1.0
NCC06-148	1.0	1.0	1.0	1.0
NCC06-339	1.2	1.0	1.0	1.1
R07-1685	1.2	1.0	1.0	1.1
R07-5351	1.0	1.0	1.0	1.0
R08-141	3.0	1.7	2.0	2.2
R09-209	1.7	1.3	1.0	1.3
R09-430	1.3	1.0	1.0	1.1
S08-9942	1.5	1.0	1.0	1.2
S08-14117	1.3	1.0	1.0	1.1
S09-10871	2.7	1.0	1.0	1.6
TN09-004	1.0	1.0	1.0	1.0
TN09-029	1.0	1.0	1.0	1.0
V05-2664	1.2	1.0	1.0	1.1
V06-10038	1.0	1.0	1.0	1.0
V07-5775	1.2	1.0	1.0	1.1
Mean	1.4	1.0	1.1	.

TABLE 12 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

Delta

STRAIN/ VARIETY	Keiser, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
5002T	.	2.0	3.0	2.0	.	2.4
AG 4632RR2Y	.	2.7	3.0	3.0	.	2.9
DK 4866	.	2.0	2.5	3.0	.	2.4
AG 4907	.	2.0	3.0	3.0	.	2.6
DS19-1	.	2.7	2.0	3.0	.	2.4
JTN-4607	.	2.7	2.0	2.0	.	2.3
LS08-6332	.	2.3	2.0	2.0	.	2.1
NCC06-148	.	2.0	2.0	2.0	.	2.0
NCC06-339	.	2.7	3.0	2.0	.	2.7
R07-1685	.	2.7	2.5	2.0	.	2.5
R07-5351	.	3.0	2.5	2.0	.	2.6
R08-141	.	2.7	2.0	2.0	.	2.3
R09-209	.	2.7	2.5	3.0	.	2.6
R09-430	.	2.7	3.5	2.0	.	2.9
S08-9942	.	2.3	3.0	3.0	.	2.7
S08-14117	.	2.3	3.0	3.0	.	2.7
S09-10871	.	2.7	2.0	3.0	.	2.4
TN09-004	.	2.3	2.0	2.0	.	2.1
TN09-029	.	2.3	2.0	2.0	.	2.1
V05-2664	.	2.7	3.0	2.0	.	2.7
V06-10038	.	2.7	2.0	2.0	.	2.3
V07-5775	.	3.3	3.0	3.0	.	3.1
Mean	.	2.5	2.5	2.4	.	.

TABLE 12 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

East

STRAIN/ VARIETY	*Plymouth, NC(B)*	*Warsaw, VA*	*Area Mean*
5002T	1.5	1.5	1.5
AG 4632RR2Y	1.5	1.9	1.7
DK 4866	1.5	2.0	1.8
AG 4907	1.0	1.9	1.6
DS19-1	1.0	1.9	1.5
JTN-4607	1.0	1.4	1.2
LS08-6332	1.0	1.6	1.4
NCC06-148	1.0	2.0	1.6
NCC06-339	1.0	1.4	1.2
R07-1685	1.0	1.6	1.3
R07-5351	1.0	1.7	1.4
R08-141	1.0	1.4	1.2
R09-209	1.0	1.7	1.4
R09-430	1.0	1.7	1.4
S08-9942	1.0	1.5	1.3
S08-14117	1.5	1.8	1.7
S09-10871	1.5	1.6	1.6
TN09-004	1.5	1.8	1.7
TN09-029	1.0	1.7	1.4
V05-2664	1.0	2.0	1.6
V06-10038	1.0	1.4	1.2
V07-5775	1.0	1.2	1.1
Mean	1.1	1.7	.

TABLE 12 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

South

STRAIN/ VARIETY	Jackson, TN	Milan, TN	Springfield, TN	Starkville, MS	Area Mean
5002T	2.3	.	.	.	2.3
AG 4632RR2Y	3.0	.	.	.	3.0
DK 4866	2.3	.	.	.	2.3
AG 4907	3.0	.	.	.	3.0
DS19-1	2.0	.	.	.	2.0
JTN-4607	2.0	.	.	.	2.0
LS08-6332	2.3	.	.	.	2.3
NCC06-148	1.7	.	.	.	1.7
NCC06-339	1.3	.	.	.	1.3
R07-1685	1.7	.	.	.	1.7
R07-5351	1.3	.	.	.	1.3
R08-141	1.3	.	.	.	1.3
R09-209	1.3	.	.	.	1.3
R09-430	2.3	.	.	.	2.3
S08-9942	2.3	.	.	.	2.3
S08-14117	2.7	.	.	.	2.7
S09-10871	2.3	.	.	.	2.3
TN09-004	2.3	.	.	.	2.3
TN09-029	2.3	.	.	.	2.3
V05-2664	2.0	.	.	.	2.0
V06-10038	2.0	.	.	.	2.0
V07-5775	1.7	.	.	.	1.7
Mean	2.1	.	.	.	.

TABLE 12 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2012

West

STRAIN/ VARIETY	Bossier City, LA	McCune, KS	Pittsburg, KS	Area Mean
5002T	2.0	2.0	2.0	2.0
AG 4632RR2Y	2.0	2.0	1.0	1.7
DK 4866	1.0	2.0	1.0	1.3
AG 4907	1.0	2.0	2.0	1.7
DS19-1	1.0	2.0	3.0	2.0
JTN-4607	1.0	2.0	1.0	1.3
LS08-6332	1.0	2.0	2.0	1.7
NCC06-148	1.0	2.0	2.0	1.7
NCC06-339	1.0	2.0	1.0	1.3
R07-1685	1.0	1.0	1.0	1.0
R07-5351	1.0	1.0	2.0	1.3
R08-141	1.0	2.0	2.0	1.7
R09-209	1.0	2.0	1.0	1.3
R09-430	1.0	1.0	1.0	1.0
S08-9942	1.0	2.0	2.0	1.7
S08-14117	1.0	2.0	2.0	1.7
S09-10871	1.0	2.0	2.0	1.7
TN09-004	2.0	1.0	3.0	2.0
TN09-029	1.0	1.0	2.0	1.3
V05-2664	1.0	1.0	2.0	1.3
V06-10038	1.0	2.0	2.0	1.7
V07-5775	1.0	2.0	2.0	1.7
Mean	1.1	1.7	1.8	.

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TABLE 13 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2012

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	AG 4232RR2Y	Commercial check		
2	AG 4632RR2Y	Commercial check		
3	AG 3803	Commercial check		
4	LD06-7620	IA3023 x LD00-3309		
5	LD00-3309	Maverick X Dwight		
6	LS09-1527	Syngenta 30257-b02-07197 x LS01-3615	F6	
7	LS09-2342	Syngenta 98620-b1-51163 x LS01-1734	F6	
8	LS09-2655	Syngenta 98620-b1-51163 x LS02-0425	F6	
9	LS09-2659	Syngenta 98620-b1-51163 x LS02-0425	F6	
10	LS09-5806	LS00-4221 x LS02-2213	F6	
11	S09-9943	S04-10364 x LG04-5196	F5	DIV,STS,CONV
12	S10-2635	S06-7084 X RR2-6851	F5	
13	S10-8511	LG04-6000 X S05-11462	F5	SCN,DIV,CONV
14	S10-8604	LG04-6000 X S05-11462	F5	SCN,DIV,CONV
15	S10-9381	LD04-5907 X LG04-6449	F5	SCN,DIV,CONV
16	TN09- 45,432	TN02-226 × MON RR2Y		
17	TN09- 46,551	TN02-226 × MON RR2Y		
18	TN09- 47,169	TN02-226 × MON RR2Y		
19	TN10-4037	LG01-3733 = F3:5 Rend × LG97-9301		(37.5% exotic pedigree)
20	TN11-4513	TN02-226 × MON RR2Y		
21	V07-9734	MD97-6065 x MD98-5579	F4	Ind. (SCN)

TABLE 14 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN PRELIMINARY TEST IV-S-EARLY FOR YEAR 2012

STRAIN/ VARIETY	SEED YIELD	RANK	AVG. RANK	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SIZE	% PROTEIN	% OIL	HG TYPE 1.2.5.7 Race 2	HG TYPE 5.7 Race 3	HG TYPE 2.5.7 Race 5	SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR
AG 4232RR2Y	68.7	4	7	0	1.9	39	1.8	14.8	39.3	22.6	4	3	5		.	P	T	T
AG 4632RR2Y	74.5	1	4	4	2.0	40	2.1	15.2	39.0	22.5	5	3	5		.	P	G	BR
AG 3803	60.0	14	13	-7	1.9	34	2.3	14.6	41.1	23.2	5	2	5		.	P	G	BR
LD06-7620	54.4	21	18	-6	1.6	31	2.9	14.7	40.4	22.6	5	3	5		.	P	G	BR
LD00-3309	59.3	16	16	-7	1.9	34	2.2	12.8	39.2	22.7	5	4	5		.	P	T	BR
LS09-1527	61.8	13	12	-2	2.5	37	2.3	16.1	38.9	23.5	5	3	5		.	P	G	T
LS09-2342	57.1	20	15	0	3.0	40	2.5	16.9	40.0	24.1	5	4	5		.	W	T	T
LS09-2655	59.2	17	14	-2	2.4	36	2.6	17.1	40.3	23.9	4	3	5		.	W	G	T
LS09-2659	62.0	12	12	-1	2.0	37	2.8	17.8	40.6	23.6	5	5	5		.	P	G	T
LS09-5806	60.0	15	12	0	2.3	42	2.0	16.1	42.3	21.8	5	2	5		.	W	T	T
S09-9943	69.5	3	5	4	2.4	38	1.8	16.7	40.4	22.4	4	5	5		.	W	T	T
S10-2635	71.1	2	5	0	2.2	40	1.8	14.4	40.7	22.8	4	5	5		.	W	G	BR
S10-8511	66.9	5	7	0	2.5	36	1.9	14.8	40.3	22.1	5	5	5		.	W	T	T
S10-8604	66.0	7	8	-1	2.0	38	1.9	14.1	39.7	22.4	4	4	2		.	W	T	BR
S10-9381	66.2	6	8	-2	1.4	32	2.3	15.5	38.6	23.9	3	4	5		.	P	G	BR
TN09- 45,432	65.7	8	8	7	1.7	34	1.8	15.6	39.7	21.7	5	5	5		.	P	T	T
TN09- 46,551	58.0	18	16	7	2.8	48	2.0	14.2	39.2	22.5	4	5	5		.	P	T	T
TN09- 47,169	62.6	10	13	7	1.9	36	1.7	14.9	40.9	21.5	1	4	4		.	P	G	T
TN10-4037	57.8	19	16	-5	2.8	37	2.2	14.2	38.7	23.5	4	5	5		.	W	G	BR
TN11-4513	64.7	9	10	7	1.5	31	1.8	13.9	40.3	22.4	4	5	5		.	P	T	T
V07-9734	62.0	11	13	-5	2.2	39	1.7	15.3	39.9	23.4	4	5	5		.	P	T	T
Mean	63.2	.	.	0	2.1	37	2.1	15.2	40.0	22.8	.	.	.		.			
LSD(0.05)	5.6	.	.	3	.	3	0.4	1.3	1.2	0.6	.	.	.		.			
CV(%)	11.6	.	.	-2000	.	9	20.1	6.9	2.3	2.1	.	.	.		.			

TABLE 15 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Milan, TN	Plymouth, NC(B)	Portageville, MO(B)	Springfield, TN	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 4232RR2Y	59.8	70.7	86.8	52.1	71.5	63.0	68.2	74.0	72.5	68.7
AG 4632RR2Y	56.4	76.6	87.1	56.0	76.7	78.3	88.6	75.1	75.9	74.5
AG 3803	57.6	61.2	79.3	52.5	49.9	72.3	57.2	66.3	46.0	60.0
LD06-7620	44.2	66.5	76.3	38.6	55.3	49.4	48.7	61.3	48.2	54.4
LD00-3309	55.0	62.4	67.3	41.2	62.5	60.5	64.5	59.9	61.9	59.3
LS09-1527	66.9	61.0	74.1	40.5	63.4	62.2	62.9	61.5	67.6	61.8
LS09-2342	47.3	50.5	69.4	53.1	58.6	60.8	69.0	44.1	61.5	57.1
LS09-2655	42.3	60.0	79.4	41.8	64.9	65.7	63.2	61.0	54.3	59.2
LS09-2659	56.1	56.8	75.5	43.6	72.9	74.4	66.1	60.4	52.5	62.0
LS09-5806	60.9	55.5	70.3	54.5	70.4	63.5	53.3	62.1	49.9	60.0
S09-9943	63.4	72.2	87.6	56.9	78.0	59.4	71.0	70.3	66.5	69.5
S10-2635	59.0	82.7	84.7	51.3	72.5	79.1	74.7	72.8	63.6	71.1
S10-8511	59.7	75.3	77.8	54.0	65.8	66.7	68.7	69.9	64.1	66.9
S10-8604	60.5	69.5	77.3	57.2	65.4	66.9	65.1	64.6	67.5	66.0
S10-9381	60.8	77.3	79.6	53.7	65.2	64.0	65.3	65.2	64.4	66.2
TN09- 45,432	63.5	72.9	73.3	58.0	69.5	62.9	60.8	67.8	62.7	65.7
TN09- 46,551	44.4	59.7	68.5	48.9	69.7	58.6	49.7	65.9	56.5	58.0
TN09- 47,169	57.5	83.8	64.5	53.4	62.2	60.3	49.9	71.4	60.5	62.6
TN10-4037	60.8	53.1	67.7	40.7	62.2	61.6	54.5	57.5	62.3	57.8
TN11-4513	66.6	78.9	72.1	46.3	57.7	70.3	59.2	66.2	65.1	64.7
V07-9734	56.6	65.7	75.1	49.4	63.6	59.1	68.8	57.7	62.3	62.0
Mean	57.1	67.2	75.9	49.7	65.6	64.7	63.3	64.5	61.2	63.2
LSD(0.05)	14.5	12.8	9.1	13.8	10.5	16.8	10.3	7.4	14.9	5.6
CV(%)	11.1	9.1	5.8	13.4	7.7	12.5	7.8	5.5	11.7	11.6

TABLE 16 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Milan, TN	Plymouth, NC(B)	Portageville, MO(B)	Springfield, TN	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 4232RR2Y	22.9	.	.	23.1	22.0	.	22.9	.	22.1	22.6
AG 4632RR2Y	22.8	.	.	23.3	21.9	.	22.6	.	21.7	22.5
AG 3803	23.1	.	.	23.9	22.5	.	23.9	.	22.4	23.2
LD06-7620	23.2	.	.	23.8	21.4	.	22.7	.	22.0	22.6
LD00-3309	23.5	.	.	24.4	22.0	.	22.4	.	21.4	22.7
LS09-1527	23.5	.	.	24.1	22.8	.	24.2	.	22.7	23.5
LS09-2342	24.3	.	.	24.4	23.8	.	24.5	.	23.7	24.1
LS09-2655	24.4	.	.	25.8	22.4	.	24.1	.	22.9	23.9
LS09-2659	24.1	.	.	24.5	22.7	.	23.6	.	23.1	23.6
LS09-5806	22.2	.	.	21.2	21.5	.	22.2	.	21.9	21.8
S09-9943	22.4	.	.	22.8	21.6	.	22.9	.	22.1	22.4
S10-2635	23.4	.	.	23.4	22.1	.	22.8	.	22.1	22.8
S10-8511	22.7	.	.	22.5	22.0	.	21.7	.	21.5	22.1
S10-8604	22.9	.	.	22.6	21.8	.	23.1	.	21.6	22.4
S10-9381	24.0	.	.	25.5	22.8	.	23.9	.	23.1	23.9
TN09- 45,432	21.9	.	.	22.1	21.5	.	21.6	.	21.3	21.7
TN09- 46,551	23.1	.	.	23.2	21.8	.	21.7	.	22.5	22.5
TN09- 47,169	21.9	.	.	21.9	21.2	.	21.1	.	21.4	21.5
TN10-4037	23.6	.	.	25.6	22.3	.	23.9	.	22.3	23.5
TN11-4513	21.8	.	.	23.4	21.9	.	22.7	.	22.0	22.4
V07-9734	23.8	.	.	24.2	22.7	.	23.4	.	22.9	23.4
Mean	23.1	.	.	23.6	22.1	.	22.9	.	22.2	.

TABLE 17 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Milan, TN	Plymouth, NC(B)	Portageville, MO(B)	Springfield, TN	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 4232RR2Y	39.0	.	.	37.7	40.5	.	39.7	.	39.8	39.3
AG 4632RR2Y	38.9	.	.	36.6	40.8	.	39.0	.	39.5	39.0
AG 3803	41.8	.	.	39.5	43.0	.	40.9	.	40.3	41.1
LD06-7620	39.6	.	.	36.4	42.5	.	42.9	.	40.6	40.4
LD00-3309	39.2	.	.	35.4	40.9	.	40.6	.	40.1	39.2
LS09-1527	39.1	.	.	35.6	41.0	.	39.9	.	38.9	38.9
LS09-2342	39.9	.	.	38.6	40.9	.	40.9	.	39.5	40.0
LS09-2655	40.5	.	.	35.9	43.0	.	41.9	.	40.4	40.3
LS09-2659	40.1	.	.	38.3	42.5	.	42.2	.	39.9	40.6
LS09-5806	42.0	.	.	42.7	43.1	.	42.7	.	41.2	42.3
S09-9943	40.9	.	.	38.0	42.6	.	40.4	.	40.0	40.4
S10-2635	39.7	.	.	39.1	42.5	.	42.3	.	40.1	40.7
S10-8511	40.0	.	.	38.2	42.0	.	41.5	.	39.9	40.3
S10-8604	39.2	.	.	38.7	41.8	.	39.2	.	39.4	39.7
S10-9381	38.1	.	.	35.4	40.5	.	40.3	.	38.8	38.6
TN09- 45,432	39.6	.	.	38.7	40.7	.	41.0	.	38.4	39.7
TN09- 46,551	38.3	.	.	37.4	41.4	.	41.0	.	37.9	39.2
TN09- 47,169	40.6	.	.	39.5	41.4	.	43.0	.	39.8	40.9
TN10-4037	38.8	.	.	33.9	41.7	.	39.7	.	39.6	38.7
TN11-4513	40.8	.	.	36.9	41.2	.	42.1	.	40.5	40.3
V07-9734	39.2	.	.	37.3	42.0	.	41.0	.	40.2	39.9
Mean	39.8	.	.	37.6	41.7	.	41.1	.	39.8	.

TABLE 18 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Milan, TN	Plymouth, NC(B)	Portageville, MO(B)	Springfield, TN	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 4232RR2Y	13.6	.	.	13.1	17.9	.	13.2	.	16.2	14.8
AG 4632RR2Y	14.3	.	.	14.4	15.6	.	15.2	.	16.7	15.2
AG 3803	14.3	.	.	15.1	15.3	.	13.2	.	15.2	14.6
LD06-7620	13.3	.	.	13.1	17.4	.	13.9	.	15.7	14.7
LD00-3309	11.3	.	.	11.4	16.4	.	11.1	.	13.6	12.8
LS09-1527	15.6	.	.	13.8	16.4	.	16.5	.	18.6	16.1
LS09-2342	17.0	.	.	16.3	15.6	.	17.1	.	18.4	16.9
LS09-2655	16.6	.	.	15.2	17.9	.	17.4	.	18.6	17.1
LS09-2659	17.7	.	.	16.2	18.4	.	17.9	.	18.6	17.8
LS09-5806	16.3	.	.	15.1	17.1	.	15.4	.	16.8	16.1
S09-9943	17.1	.	.	16.0	15.8	.	16.8	.	18.0	16.7
S10-2635	13.8	.	.	13.6	15.6	.	14.4	.	14.4	14.4
S10-8511	14.3	.	.	13.9	16.9	.	14.0	.	15.1	14.8
S10-8604	12.5	.	.	13.4	16.7	.	13.1	.	15.1	14.1
S10-9381	14.0	.	.	14.8	17.9	.	14.2	.	16.5	15.5
TN09- 45,432	16.2	.	.	15.9	17.0	.	13.6	.	15.3	15.6
TN09- 46,551	14.0	.	.	13.9	17.5	.	11.7	.	14.2	14.2
TN09- 47,169	14.2	.	.	14.8	17.9	.	12.1	.	15.4	14.9
TN10-4037	14.5	.	.	12.2	16.1	.	12.7	.	15.3	14.2
TN11-4513	14.0	.	.	11.9	16.8	.	12.3	.	14.4	13.9
V07-9734	13.8	.	.	13.3	17.4	.	15.0	.	17.2	15.3
Mean	14.7	.	.	14.1	16.8	.	14.3	.	16.1	.

TABLE 19 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Milan, TN	Plymouth, NC(B)	Portageville, MO(B)	Springfield, TN	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 4232RR2Y	9/19	9/17	10/2	9/23	9/24	9/30	8/30	9/12	10/4	9/21
AG 4632RR2Y	7	3	3	5	4	1	9	2	5	4
AG 3803	-14	-3	-7	-7	-9	-7	-11	-1	-6	-7
LD06-7620	-15	-1	-7	-6	-8	-4	-8	0	-6	-6
LD00-3309	-14	-2	-9	-7	-9	-8	-8	0	-7	-7
LS09-1527	-8	2	-2	1	-3	1	-5	2	-2	-2
LS09-2342	0	-1	0	-1	-1	-1	3	1	-4	0
LS09-2655	-6	0	-4	-4	-3	-1	1	2	-5	-2
LS09-2659	-5	-3	-2	-1	-3	1	1	1	-2	-1
LS09-5806	3	0	-4	2	-1	-2	4	2	-5	0
S09-9943	5	4	5	6	4	1	3	5	2	4
S10-2635	0	-2	-2	-2	-1	-1	3	1	0	0
S10-8511	3	0	-4	-1	-2	-3	4	2	-1	0
S10-8604	-3	1	-2	-2	-3	1	1	2	-3	-1
S10-9381	-6	-2	-4	-2	-1	-2	0	0	-3	-2
TN09- 45,432	13	3	3	7	7	3	8	12	7	7
TN09- 46,551	15	5	3	7	7	4	15	11	1	7
TN09- 47,169	13	5	3	.	6	1	13	9	8	7
TN10-4037	-8	-4	-7	-4	-7	-7	-7	1	-5	-5
TN11-4513	15	6	3	6	7	-1	9	11	9	7
V07-9734	-10	-2	-7	-6	-2	-5	-5	0	-6	-5
Mean	-1	0	-2	0	-1	-1	1	3	-1	.

TABLE 20 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Milan, TN	Plymouth, NC(B)	Portageville, MO(B)	Springfield, TN	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 4232RR2Y	42	39	.	40	38	45	35	44	32	39
AG 4632RR2Y	41	39	.	42	39	45	40	39	33	40
AG 3803	38	34	.	37	31	44	29	40	22	34
LD06-7620	34	34	.	31	29	41	25	32	19	31
LD00-3309	38	39	.	31	35	37	29	39	26	34
LS09-1527	38	38	.	39	37	45	33	35	31	37
LS09-2342	35	46	.	38	46	45	37	42	31	40
LS09-2655	40	38	.	29	37	46	35	38	26	36
LS09-2659	40	39	.	31	41	46	34	38	25	37
LS09-5806	43	44	.	46	42	49	39	44	28	42
S09-9943	37	39	.	40	40	41	39	40	29	38
S10-2635	43	41	.	39	41	47	37	43	29	40
S10-8511	40	39	.	37	36	46	32	36	25	36
S10-8604	44	42	.	37	39	45	34	38	26	38
S10-9381	35	37	.	28	36	39	26	34	23	32
TN09- 45,432	33	36	.	31	43	41	30	37	23	34
TN09- 46,551	54	47	.	51	46	55	46	49	35	48
TN09- 47,169	38	37	.	37	42	46	31	37	24	36
TN10-4037	43	39	.	36	37	43	34	37	26	37
TN11-4513	32	32	.	31	34	42	24	33	24	31
V07-9734	42	39	.	38	44	47	32	40	31	39
Mean	39	39	.	37	39	44	34	39	27	.

TABLE 21 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Milan, TN	Plymouth, NC(B)	Portageville, MO(B)	Springfield, TN	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 4232RR2Y	2.0	1.0	2.0	1.8	3.0	1.3	2.0	2.5	1.2	1.9
AG 4632RR2Y	2.5	1.0	3.0	2.0	2.0	1.5	2.0	3.0	1.2	2.0
AG 3803	1.0	1.0	2.5	2.5	2.5	2.0	2.0	2.5	1.1	1.9
LD06-7620	1.0	1.0	2.5	1.3	2.0	1.8	2.0	2.0	1.0	1.6
LD00-3309	1.5	1.0	3.0	1.3	3.0	1.8	2.0	3.0	1.0	1.9
LS09-1527	3.0	1.0	3.0	2.8	2.5	2.3	3.0	3.5	1.4	2.5
LS09-2342	4.0	1.5	4.0	2.0	3.0	3.0	4.0	4.5	1.2	3.0
LS09-2655	3.0	1.0	4.0	1.0	3.0	2.5	3.0	3.5	1.0	2.4
LS09-2659	3.0	1.0	3.0	1.0	2.0	1.8	3.0	2.5	1.0	2.0
LS09-5806	2.5	1.0	2.5	2.5	2.5	2.3	3.0	3.0	1.2	2.3
S09-9943	3.0	1.0	2.0	1.5	3.0	2.5	3.0	4.0	1.4	2.4
S10-2635	3.0	1.0	2.5	1.3	3.0	2.0	3.0	3.0	1.2	2.2
S10-8511	3.0	1.0	3.0	2.0	3.0	3.3	3.0	3.0	1.4	2.5
S10-8604	1.5	1.0	2.5	1.8	3.0	3.3	2.0	2.0	1.2	2.0
S10-9381	1.0	1.0	1.0	1.0	2.0	2.5	2.0	1.5	1.0	1.4
TN09- 45,432	2.0	1.0	2.0	1.5	2.0	1.0	2.0	2.0	1.5	1.7
TN09- 46,551	4.0	1.5	2.5	2.3	3.0	3.0	4.0	3.0	1.5	2.8
TN09- 47,169	3.0	1.0	2.5	2.0	2.0	1.3	2.0	2.0	1.2	1.9
TN10-4037	3.0	1.5	4.0	2.0	3.0	3.5	3.0	4.0	1.2	2.8
TN11-4513	1.5	1.0	3.0	1.3	1.5	1.0	2.0	1.0	1.1	1.5
V07-9734	2.0	1.0	3.0	1.5	3.0	1.8	2.0	3.5	1.8	2.2
Mean	2.4	1.1	2.7	1.7	2.6	2.1	2.6	2.8	1.2	.

TABLE 22 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Milan, TN	Plymouth, NC(B)	Portageville, MO(B)	Springfield, TN	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 4232RR2Y	1.0	.	.	1.5	3.0	.	2.0	.	1.5	1.8
AG 4632RR2Y	2.0	.	.	1.5	2.5	.	3.0	.	1.7	2.1
AG 3803	2.5	.	.	1.5	3.0	.	3.0	.	1.8	2.3
LD06-7620	2.5	.	.	2.0	3.5	.	4.0	.	2.5	2.9
LD00-3309	2.0	.	.	2.0	2.5	.	3.0	.	1.8	2.2
LS09-1527	2.0	.	.	1.5	3.0	.	3.0	.	2.0	2.3
LS09-2342	2.0	.	.	1.5	3.0	.	3.0	.	3.1	2.5
LS09-2655	3.0	.	.	1.5	3.0	.	3.0	.	2.7	2.6
LS09-2659	3.0	.	.	2.0	3.0	.	3.0	.	2.8	2.8
LS09-5806	2.0	.	.	1.0	3.0	.	2.0	.	1.8	2.0
S09-9943	1.5	.	.	1.0	3.0	.	2.0	.	1.5	1.8
S10-2635	2.0	.	.	1.5	2.0	.	2.0	.	1.5	1.8
S10-8511	2.0	.	.	1.0	2.0	.	3.0	.	1.5	1.9
S10-8604	1.5	.	.	1.5	2.5	.	2.0	.	1.7	1.9
S10-9381	3.0	.	.	1.5	2.5	.	3.0	.	1.7	2.3
TN09- 45,432	2.0	.	.	1.0	2.0	.	2.0	.	2.0	1.8
TN09- 46,551	2.0	.	.	1.0	2.5	.	3.0	.	1.7	2.0
TN09- 47,169	1.5	.	.	1.0	2.5	.	2.0	.	1.5	1.7
TN10-4037	2.0	.	.	1.5	2.5	.	3.0	.	2.0	2.2
TN11-4513	2.0	.	.	1.0	2.5	.	2.0	.	1.5	1.8
V07-9734	1.0	.	.	1.5	2.5	.	2.0	.	1.5	1.7
Mean	2.0	.	.	1.4	2.7	.	2.6	.	1.9	.

TABLE 23 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2012

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	5002T	Commercial check		
2	AG 4632RR2Y	Commercial check		
3	DK 4866	Commercial check		
4	AG 4907	Commercial check		
5	DS24-2	DT98-9102 x PI 603756	F5	Hi Germ (50% exotic pedigree)
6	DS25-41	DT98-9102 x PI 587982A	F6	Hi Germ (50% exotic pedigree)
7	LS09-0333	LS00-1755 x U01-290401	F6	
8	LS09-0340	LS00-1755 x U01-290401	F6	
9	LS09-1021	AR02-101001 x LS02-4045	F6	
10	LS09-1303	AR02-101001 x LS02-4045	F6	
11	LS09-8104	LS00-1755 x LS01-1158	F6	
12	R08-527	UA 4805 x 5002T	F4	
13	R08-2797	DP4748S x K 1599	F4	
14	R09-1589	5002T x R01-4752	F5	
15	R09-2567	TN01-235 x UA 4805	F3	
16	R09-4571	DP4748 x S01-9794	F5	
17	S09-13635	LG04-6863 x S04-10364	F5	DIV,CONV
18	S10-3003	S06-10572 X RR2-6851	F5	
19	S10-6401	S06-6836 X RR2-6851	F5	
20	S10-7543	S04-10364 X S05-11462	F5	SCN,CONV
21	S10-8860	LG04-6000 X S04-12412	F5	SCN,DIV,CONV
22	TN09- 45,399	TN02-226 × MON RR2Y		
23	TN09- 48,970	TN02-226 × MON RR2Y		
24	TN11-4532	TN02-226 × MON RR2Y		
25	TN11-5037	HOLLADAY / MANOKIN		
26	VS22-465	VS95-50 X VS94-17	F8	
27	VS22-537	Forrest x Essex	F8	

TABLE 24 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY GROWN IN PRELIMINARY TEST IV-S-LATE FOR YEAR 2012

STRAIN/ VARIETY	SEED YIELD	RANK	AVG. RANK	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SIZE	% PROTEIN	% OIL	HG TYPE 1.2.5.7 Race 2	HG TYPE 5.7 Race 3	HG TYPE 2.5.7 Race 5	SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR
5002T	58.2	9	13	0	1.4	27	1.7	14.6	39.8	23.0	5	5	5		.	W	T	T
AG 4632RR2Y	63.8	1	6	-4	2.0	37	2.2	15.7	39.4	22.2	5	3	5		.	P	G	BR
DK 4866	56.2	13	13	-3	1.9	38	1.8	14.6	39.9	22.0	5	5	5		.	P	G	BR
AG 4907	62.7	2	6	-1	2.0	40	2.0	14.3	40.5	22.2	5	4	5		.	P	G	BR
DS24-2	38.5	27	26	-3	3.6	40	1.6	16.1	44.4	20.7	5	5	5		.	W	G	BR
DS25-41	46.8	26	22	-1	2.8	43	1.5	15.2	42.1	21.4	5	4	5		.	W	G	T
LS09-0333	53.8	18	15	1	2.7	42	1.9	13.1	41.5	21.9	5	5	5		.	P	T	T
LS09-0340	53.8	19	18	-4	1.4	31	1.9	14.9	41.2	22.9	5	5	5		.	P	T	BR
LS09-1021	56.4	12	13	0	2.4	45	1.7	16.5	41.5	23.0	5	5	5		.	P	T	T
LS09-1303	51.9	23	18	-1	2.4	43	1.9	13.0	38.8	23.3	5	5	5		.	W	T	T
LS09-8104	54.7	15	14	2	2.5	44	2.2	12.7	39.7	21.4	5	3	5		.	P	T	T
R08-527	58.7	6	13	0	1.6	30	1.8	12.2	40.9	22.2	5	5	5		.	P	G	T
R08-2797	53.4	21	16	-1	1.6	40	2.2	14.3	40.4	22.2	5	5	5		.	W	T	BR
R09-1589	58.4	8	11	1	1.5	32	1.8	14.6	39.3	21.9	5	4	5		.	P	T	T
R09-2567	58.0	10	11	1	1.4	29	1.8	12.2	41.3	21.9	5	5	5		.	S	G	T
R09-4571	54.6	16	15	-1	2.1	40	2.3	16.6	40.6	22.3	5	5	5		.	P	T	T
S09-13635	58.8	5	8	2	2.5	41	2.2	16.5	41.1	21.4	5	5	5		.	W	G	BR
S10-3003	57.6	11	11	-3	2.2	40	1.9	17.2	41.0	22.5	5	4	5		.	S	T	T
S10-6401	53.5	20	14	2	2.5	49	2.0	15.5	41.2	21.3	5	2	5		.	P	G	BR
S10-7543	62.5	3	8	0	2.0	38	1.9	16.0	42.2	20.9	5	5	5		.	W	LT	T
S10-8860	58.4	7	10	3	2.5	47	2.0	14.9	39.2	22.0	5	5	5		.	W	T	BR
TN09- 45,399	52.0	22	19	3	1.2	24	2.0	14.1	39.9	22.2	5	5	5		.	P	G	T
TN09- 48,970	54.7	14	15	3	2.4	46	2.0	14.7	41.1	21.9	5	5	5		.	P	T	T
TN11-4532	54.4	17	15	6	1.6	29	2.0	12.2	39.4	21.2	5	5	5		.	P	T	T
TN11-5037	49.2	24	20	8	1.8	32	2.1	13.9	40.6	21.9	5	5	5		.	W	T	T
VS22-465	61.7	4	8	0	1.7	28	1.8	14.9	40.5	22.4	5	5	5		.	P	G	T
VS22-537	48.5	25	21	5	1.9	33	2.0	12.5	40.5	21.1	5	2	5		.	W	T	T
Mean	55.2	.	.	1	2.1	37	1.9	14.6	40.7	22.0	.	.	.		.			
LSD(0.05)	6.9	.	.	3	.	3	0.5	1.3	1.2	0.6	.	.	.		.			
CV(%)	14.3	.	.	632	.	11	24.5	8.0	2.7	2.3	.	.	.		.			

TABLE 25 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	59.7	81.4	21.5	36.1	61.9	71.0	68.0	66.0	58.2
AG 4632RR2Y	53.3	74.7	24.3	55.7	72.3	81.3	77.9	70.6	63.8
DK 4866	53.1	67.4	24.1	36.8	73.0	60.2	74.6	59.8	56.2
AG 4907	56.4	69.2	31.5	64.4	70.3	64.8	76.7	68.7	62.7
DS24-2	32.1	32.8	14.4	45.6	45.6	35.9	49.1	52.2	38.5
DS25-41	36.1	55.7	22.8	49.4	54.4	35.9	62.6	57.7	46.8
LS09-0333	45.7	60.6	23.0	48.5	65.2	50.8	77.2	59.5	53.8
LS09-0340	52.5	71.8	20.3	47.2	59.4	61.7	62.6	54.8	53.8
LS09-1021	46.2	62.8	17.2	45.6	73.9	58.3	76.0	71.2	56.4
LS09-1303	47.1	62.3	21.9	38.6	60.2	52.6	64.2	68.7	51.9
LS09-8104	51.9	59.0	32.7	54.2	58.1	44.0	71.5	66.1	54.7
R08-527	56.5	86.6	20.5	47.6	60.8	61.6	71.5	64.2	58.7
R08-2797	40.0	62.0	26.5	42.3	63.4	55.6	74.0	63.6	53.4
R09-1589	46.8	75.9	24.7	57.0	63.2	62.2	69.2	67.9	58.4
R09-2567	51.9	71.4	23.8	53.9	64.8	61.9	72.3	64.1	58.0
R09-4571	46.3	62.0	23.1	46.1	66.0	56.9	69.7	66.8	54.6
S09-13635	61.3	75.5	25.7	26.5	66.2	64.0	79.2	71.9	58.8
S10-3003	54.2	83.0	30.1	30.8	62.1	57.3	72.0	71.0	57.6
S10-6401	58.8	52.4	26.4	43.6	64.3	44.3	73.3	64.7	53.5
S10-7543	69.7	81.4	21.4	55.6	67.2	65.2	78.4	62.8	62.5
S10-8860	61.1	63.0	32.9	43.4	72.6	48.5	83.1	62.6	58.4
TN09- 45,399	52.7	77.8	20.0	40.5	63.1	37.9	67.0	57.4	52.0
TN09- 48,970	47.9	78.7	20.7	47.7	64.5	46.5	70.7	61.3	54.7
TN11-4532	40.8	65.0	19.4	58.6	64.6	49.5	69.6	67.9	54.4
TN11-5037	40.1	51.5	19.0	53.0	56.9	36.1	66.9	68.2	49.2
VS22-465	60.1	89.2	23.4	44.6	68.5	68.0	70.8	69.0	61.7
VS22-537	46.1	59.2	23.1	40.2	57.2	37.1	62.7	62.4	48.5
Mean	50.7	67.8	23.5	46.4	63.7	54.4	70.8	64.5	55.2
LSD(0.05)	14.4	13.4	4.1	13.3	7.5	10.0	9.3	9.2	6.9
CV(%)	13.9	9.1	8.5	14.0	5.7	9.0	6.4	7.0	14.3

TABLE 26 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	23.5	.	20.8	24.7	23.3	23.3	.	22.2	23.0
AG 4632RR2Y	23.1	.	21.0	23.0	22.0	22.5	.	21.7	22.2
DK 4866	22.7	.	20.5	23.3	21.5	22.2	.	21.7	22.0
AG 4907	23.1	.	21.1	22.5	22.0	22.4	.	22.1	22.2
DS24-2	21.5	.	19.3	21.6	21.3	20.6	.	19.7	20.7
DS25-41	22.0	.	19.0	22.2	22.5	21.9	.	21.1	21.4
LS09-0333	22.7	.	20.4	23.3	21.8	21.4	.	21.6	21.9
LS09-0340	23.4	.	21.7	23.7	23.0	23.0	.	22.3	22.9
LS09-1021	23.8	.	22.2	23.0	23.0	23.2	.	22.5	23.0
LS09-1303	23.3	.	22.8	24.4	23.0	23.5	.	23.1	23.3
LS09-8104	21.9	.	20.2	22.0	21.6	20.9	.	21.5	21.4
R08-527	23.0	.	20.6	23.1	22.3	22.3	.	21.8	22.2
R08-2797	22.9	.	21.0	23.7	21.5	22.2	.	21.8	22.2
R09-1589	22.6	.	19.3	22.7	22.5	22.5	.	21.7	21.9
R09-2567	22.2	.	20.7	22.3	22.7	21.9	.	21.5	21.9
R09-4571	24.0	.	20.7	23.2	21.5	22.6	.	22.1	22.3
S09-13635	21.5	.	20.6	22.8	20.8	21.9	.	20.9	21.4
S10-3003	22.8	.	21.1	24.8	21.9	22.3	.	22.2	22.5
S10-6401	21.8	.	19.3	22.4	21.6	21.2	.	21.3	21.3
S10-7543	21.6	.	19.6	20.9	21.0	22.0	.	20.4	20.9
S10-8860	22.8	.	19.9	24.8	21.5	21.5	.	21.8	22.0
TN09- 45,399	21.8	.	21.0	23.8	22.3	22.1	.	22.0	22.2
TN09- 48,970	22.2	.	20.1	23.2	22.1	21.6	.	22.0	21.9
TN11-4532	21.7	.	19.8	21.8	21.5	20.9	.	21.3	21.2
TN11-5037	22.6	.	19.9	23.1	22.0	21.3	.	22.4	21.9
VS22-465	22.9	.	19.9	23.7	22.6	23.1	.	21.9	22.4
VS22-537	21.8	.	19.0	22.7	21.6	20.5	.	21.2	21.1
Mean	22.6	.	20.4	23.1	22.0	22.0	.	21.7	.

TABLE 27 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	40.8	.	40.2	35.1	40.4	42.1	.	40.0	39.8
AG 4632RR2Y	38.4	.	41.8	37.2	40.0	39.7	.	39.5	39.4
DK 4866	39.6	.	41.7	36.9	41.0	40.3	.	39.7	39.9
AG 4907	39.6	.	42.5	39.2	41.1	40.6	.	39.8	40.5
DS24-2	44.5	.	44.8	43.3	43.7	45.2	.	45.0	44.4
DS25-41	44.0	.	41.7	41.3	41.4	43.0	.	41.1	42.1
LS09-0333	41.9	.	40.7	39.8	42.2	42.9	.	41.4	41.5
LS09-0340	41.2	.	40.6	39.4	40.8	43.2	.	41.9	41.2
LS09-1021	41.6	.	41.6	40.9	41.4	42.5	.	40.7	41.5
LS09-1303	40.8	.	38.3	36.0	39.8	40.3	.	37.4	38.8
LS09-8104	39.9	.	40.1	38.6	40.2	41.0	.	38.3	39.7
R08-527	41.5	.	41.4	38.8	41.2	41.7	.	40.6	40.9
R08-2797	41.1	.	41.9	36.4	41.1	41.2	.	41.0	40.4
R09-1589	40.4	.	40.0	38.9	39.3	39.3	.	38.0	39.3
R09-2567	43.1	.	41.3	39.7	40.4	42.1	.	41.3	41.3
R09-4571	40.0	.	42.6	38.3	42.0	40.3	.	40.2	40.6
S09-13635	41.9	.	41.5	36.8	42.5	41.0	.	42.6	41.1
S10-3003	41.5	.	42.7	35.0	42.8	42.7	.	41.3	41.0
S10-6401	41.8	.	42.6	39.1	41.6	41.7	.	40.5	41.2
S10-7543	41.4	.	43.5	42.0	42.5	42.5	.	41.1	42.2
S10-8860	39.8	.	40.3	32.8	41.8	41.3	.	39.4	39.2
TN09- 45,399	41.9	.	39.9	35.9	41.1	41.4	.	39.2	39.9
TN09- 48,970	42.7	.	40.7	38.6	42.1	42.5	.	40.3	41.1
TN11-4532	40.7	.	39.3	38.4	39.7	40.0	.	38.2	39.4
TN11-5037	41.4	.	40.9	37.9	41.6	41.6	.	40.0	40.6
VS22-465	42.3	.	41.0	37.5	40.4	42.1	.	39.9	40.5
VS22-537	40.8	.	41.0	37.6	41.3	42.4	.	39.9	40.5
Mean	41.3	.	41.3	38.2	41.2	41.7	.	40.3	.

TABLE 28 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	16.2	.	13.9	11.7	16.3	13.8	.	15.5	14.6
AG 4632RR2Y	15.0	.	18.3	13.6	16.4	15.0	.	15.9	15.7
DK 4866	14.0	.	16.7	12.1	16.3	13.9	.	14.8	14.6
AG 4907	14.6	.	16.4	13.5	15.1	12.1	.	14.3	14.3
DS24-2	16.0	.	15.8	15.6	17.4	14.0	.	18.1	16.1
DS25-41	16.5	.	13.6	16.8	16.6	11.8	.	15.9	15.2
LS09-0333	13.5	.	11.7	13.6	14.9	10.5	.	14.4	13.1
LS09-0340	14.6	.	14.9	14.0	15.4	15.4	.	15.4	14.9
LS09-1021	14.9	.	17.0	17.2	18.3	14.1	.	17.7	16.5
LS09-1303	12.7	.	14.2	12.0	15.0	10.9	.	13.3	13.0
LS09-8104	12.9	.	14.5	12.1	13.0	10.0	.	13.8	12.7
R08-527	13.0	.	12.2	11.6	13.3	10.8	.	12.4	12.2
R08-2797	14.8	.	15.9	10.9	15.5	13.7	.	15.4	14.3
R09-1589	15.2	.	13.8	14.7	16.8	11.5	.	15.7	14.6
R09-2567	12.5	.	11.8	11.9	13.1	11.6	.	12.4	12.2
R09-4571	15.9	.	18.4	15.1	18.2	15.2	.	17.0	16.6
S09-13635	17.3	.	17.2	14.1	18.3	13.7	.	18.4	16.5
S10-3003	16.9	.	19.2	14.6	19.6	14.0	.	19.2	17.2
S10-6401	16.2	.	15.8	15.0	16.1	15.2	.	14.6	15.5
S10-7543	17.4	.	17.4	15.9	18.5	10.9	.	16.1	16.0
S10-8860	16.3	.	15.3	12.6	17.2	12.1	.	16.0	14.9
TN09- 45,399	15.3	.	13.8	12.4	16.2	12.6	.	14.5	14.1
TN09- 48,970	16.1	.	14.4	13.7	15.3	12.8	.	15.8	14.7
TN11-4532	12.2	.	10.0	11.8	14.8	12.1	.	12.1	12.2
TN11-5037	15.5	.	11.6	13.8	15.0	13.6	.	13.9	13.9
VS22-465	16.7	.	13.2	12.5	17.1	14.7	.	15.4	14.9
VS22-537	13.5	.	11.5	10.9	13.9	12.0	.	13.2	12.5
Mean	15.0	.	14.8	13.5	16.0	12.9	.	15.2	.

TABLE 29 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP IV-S-LATE FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	10/5	9/25	.	9/28	9/29	9/10	9/29	10/8	9/28
AG 4632RR2Y	-9	-5	.	0	-2	-1	-13	0	-4
DK 4866	-9	-3	.	-1	1	-4	-9	1	-3
AG 4907	-6	-3	.	4	2	-2	-8	3	-1
DS24-2	-11	-1	.	-2	-1	0	-10	3	-3
DS25-41	-8	0	.	-1	2	1	-9	5	-1
LS09-0333	0	-1	.	3	2	1	-3	3	1
LS09-0340	-8	-2	.	0	1	-5	-10	-4	-4
LS09-1021	-10	-1	.	7	3	-2	0	4	0
LS09-1303	-9	0	.	5	2	-3	-7	2	-1
LS09-8104	0	0	.	6	3	8	-7	3	2
R08-527	-3	0	.	2	1	0	-7	4	0
R08-2797	-5	-5	.	2	1	-3	-4	5	-1
R09-1589	0	-2	.	7	2	2	-4	3	1
R09-2567	0	-2	.	6	2	3	-8	5	1
R09-4571	-9	-2	.	7	1	-3	-3	3	-1
S09-13635	0	1	.	1	2	-2	0	8	2
S10-3003	-10	-1	.	0	-1	-6	-6	2	-3
S10-6401	0	-2	.	8	3	8	-5	5	2
S10-7543	-3	-2	.	9	2	-3	-7	2	0
S10-8860	2	0	.	1	3	11	2	6	3
TN09- 45,399	2	-1	.	8	2	4	-3	7	3
TN09- 48,970	0	-1	.	8	3	14	-6	8	3
TN11-4532	4	-2	.	14	3	13	-1	12	6
TN11-5037	4	1	.	16	3	19	2	16	8
VS22-465	-1	-2	.	4	0	-3	-2	3	0
VS22-537	4	0	.	7	3	16	-3	10	5
Mean	-3	-1	.	4	1	2	-5	5	.

TABLE 30 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	29	32	25	28	27	27	28	23	27
AG 4632RR2Y	43	38	26	44	38	35	42	33	37
DK 4866	40	47	27	45	45	34	40	30	38
AG 4907	43	46	30	44	47	32	46	37	40
DS24-2	46	49	32	41	43	35	40	36	40
DS25-41	46	40	37	49	45	39	45	41	43
LS09-0333	42	42	33	42	50	47	42	39	42
LS09-0340	36	33	22	34	32	32	35	23	31
LS09-1021	45	53	26	47	52	43	51	40	44
LS09-1303	50	51	24	44	48	41	47	38	43
LS09-8104	44	49	35	48	50	46	46	35	44
R08-527	32	32	27	29	36	30	32	25	30
R08-2797	39	44	27	41	52	36	48	35	40
R09-1589	36	35	23	34	36	30	36	25	32
R09-2567	29	32	23	33	34	24	32	24	29
R09-4571	39	38	32	44	52	39	44	35	40
S09-13635	45	49	29	40	44	37	45	37	41
S10-3003	46	46	30	40	45	35	44	31	40
S10-6401	54	55	31	55	52	53	55	38	49
S10-7543	42	40	26	42	45	35	40	34	38
S10-8860	49	50	36	47	51	55	51	34	47
TN09- 45,399	24	28	20	26	29	24	24	20	24
TN09- 48,970	49	48	25	.	55	51	52	40	46
TN11-4532	28	33	24	30	36	26	31	26	29
TN11-5037	34	32	24	32	39	33	33	27	32
VS22-465	31	32	22	32	27	26	28	25	28
VS22-537	38	35	26	32	42	29	35	29	33
Mean	40	41	27	39	43	36	40	32	.

TABLE 31 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	2.0	1.5	1.0	1.0	1.0	2.0	1.5	1.2	1.4
AG 4632RR2Y	2.5	1.0	1.0	2.3	2.5	2.0	3.5	1.2	2.0
DK 4866	2.5	1.0	1.0	1.5	3.0	2.0	3.0	1.2	1.9
AG 4907	2.5	1.5	1.0	1.8	2.5	2.0	3.0	1.4	2.0
DS24-2	4.0	4.0	2.5	3.5	3.5	4.0	4.0	3.0	3.6
DS25-41	4.0	2.5	1.0	3.0	3.0	3.0	4.0	2.2	2.8
LS09-0333	3.0	2.5	1.5	3.3	3.0	3.0	3.0	2.2	2.7
LS09-0340	1.0	1.0	1.0	1.5	1.5	2.0	2.0	1.0	1.4
LS09-1021	3.5	2.0	1.0	2.3	3.0	3.0	3.0	1.5	2.4
LS09-1303	4.0	1.0	1.0	2.0	3.0	3.0	3.5	1.4	2.4
LS09-8104	3.5	2.0	1.0	2.5	3.0	4.0	3.0	1.4	2.5
R08-527	1.5	1.0	1.0	1.5	2.0	2.0	2.5	1.2	1.6
R08-2797	1.5	1.0	1.0	1.3	2.5	2.0	2.0	1.5	1.6
R09-1589	1.0	1.0	1.0	2.3	1.5	2.0	2.0	1.4	1.5
R09-2567	1.5	1.0	1.0	1.3	1.0	2.0	2.0	1.4	1.4
R09-4571	2.5	2.0	1.0	1.8	3.0	2.0	3.0	1.4	2.1
S09-13635	3.5	2.5	1.0	1.3	3.0	3.0	3.5	2.0	2.5
S10-3003	4.0	2.0	1.0	1.5	3.0	2.0	3.0	1.4	2.2
S10-6401	3.5	1.5	1.0	2.3	3.0	4.0	3.0	1.7	2.5
S10-7543	2.0	1.0	1.0	1.8	3.0	3.0	3.0	1.3	2.0
S10-8860	2.5	2.5	1.0	1.5	3.0	5.0	3.0	1.2	2.5
TN09- 45,399	1.0	1.0	1.0	1.0	1.5	2.0	1.0	1.0	1.2
TN09- 48,970	2.5	2.0	1.0	2.3	3.0	4.0	3.0	1.8	2.4
TN11-4532	1.0	1.0	1.0	1.3	2.0	2.0	3.5	1.4	1.6
TN11-5037	1.5	2.0	1.0	1.8	2.5	2.0	2.0	1.3	1.8
VS22-465	1.5	2.0	1.0	1.8	1.5	2.0	2.5	1.4	1.7
VS22-537	2.5	1.5	1.0	1.8	2.5	2.0	2.5	1.7	1.9
Mean	2.4	1.7	1.1	1.9	2.5	2.6	2.8	1.5	.

TABLE 32 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	2.0	.	2.0	1.0	2.0	2.0	.	1.2	1.7
AG 4632RR2Y	3.0	.	2.0	1.0	3.5	2.0	.	1.5	2.2
DK 4866	2.0	.	2.0	1.5	2.0	2.0	.	1.5	1.8
AG 4907	2.0	.	2.0	1.5	3.0	2.0	.	1.4	2.0
DS24-2	2.0	.	1.0	1.0	2.0	2.0	.	1.5	1.6
DS25-41	2.0	.	1.0	1.0	2.0	2.0	.	1.4	1.5
LS09-0333	2.0	.	2.0	1.0	3.5	2.0	.	1.1	1.9
LS09-0340	2.0	.	2.0	1.0	3.0	2.0	.	1.2	1.9
LS09-1021	2.0	.	1.0	1.5	2.5	2.0	.	1.5	1.7
LS09-1303	2.5	.	2.0	1.5	2.0	2.0	.	1.5	1.9
LS09-8104	3.0	.	3.0	1.0	2.5	2.0	.	1.5	2.2
R08-527	1.5	.	3.0	1.0	2.0	2.0	.	1.2	1.8
R08-2797	2.0	.	3.0	1.0	3.5	2.0	.	1.5	2.2
R09-1589	2.5	.	2.0	1.0	2.0	2.0	.	1.2	1.8
R09-2567	2.0	.	2.0	1.0	2.5	2.0	.	1.2	1.8
R09-4571	3.0	.	2.0	1.5	4.0	2.0	.	1.5	2.3
S09-13635	2.0	.	3.0	1.3	3.5	2.0	.	1.7	2.2
S10-3003	2.0	.	2.0	1.0	3.0	2.0	.	1.5	1.9
S10-6401	1.5	.	3.0	1.5	2.5	2.0	.	1.5	2.0
S10-7543	1.5	.	3.0	1.0	2.5	2.0	.	1.4	1.9
S10-8860	2.5	.	3.0	1.0	2.0	2.0	.	1.4	2.0
TN09- 45,399	2.0	.	3.0	1.0	2.5	2.0	.	1.2	2.0
TN09- 48,970	2.0	.	3.0	1.0	2.5	2.0	.	1.7	2.0
TN11-4532	2.5	.	2.0	1.0	3.0	2.0	.	1.2	2.0
TN11-5037	3.0	.	3.0	1.0	2.5	2.0	.	1.3	2.1
VS22-465	1.5	.	3.0	1.0	2.0	2.0	.	1.4	1.8
VS22-537	2.0	.	3.0	1.0	2.5	2.0	.	1.2	2.0
Mean	2.1	.	2.3	1.1	2.6	2.0	.	1.4	.

TABLE 33 - PARENTAGE OF STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	AG 5606	Commercial check		
2	AG 5632RR2Y	Commercial check		
3	5002T	Holladay X Manokin		
4	OSAGE	Hartz 5545 x KS4895		
5	JTN-5203	R93-171 x Anand	F13	SCN, FLS
6	AG 5332RR2Y	Commercial check		
7	AG 5831RR2Y	Commercial check		
8	CM4022	5601T x PI 547879	F6	Rust
9	DB03-8416	DT96-6840 X R95-798	F6	
10	DB05x023-26	FREEDOM X DS95-217-1-880	F6	
11	DB05x039-5	DB00- 087 X MD02-5634	F6	
12	DB05x039-36	DB00- 087 X MD02-5634	F6	
13	JTN-4307	S97-1688 X V94-0198	F11	SCN, FLS
14	JTN-4408	S97-1753 x V94-0198	F12	SCN, FLS
15	JTN-5108	S95-1908 x Bolivar	F14	SCN
16	JTN-5110	J98-32 X Anand	F10	SCN, FLS
17	K09-5546	5002T / KS5004N		
18	N02-417	SC91-2007 X Holladay		
19	N07-14221	N7002 X CLIFFORD	F4	(12.5% exotic pedigree)
20	N08-147	N99-186 X TN99-117		
21	N09-13659	GRAHAM x N98-8597	F4	DIV (25% exotic pedigree)
22	NCC06-2188	TN96-58xV96-0340	F4:9	
23	NCC06-579	TN96-58xDT99-16864	F4:9	
24	NCC07-1148R	V00-1988x(F2{R98-1817 x [Tn96-58 x N94-550 BC3F1RR]F4})	F4:8	
25	NCC07-7506	K1530x(NC Roy)	F4:8	
26	NCC07-7714	K1530x(NC Roy)	F4:8	
27	R05-374	Lonoke x DP4748	F5	
28	R07-1826	R00-1551 x R01-315	F3	
29	R07-1857	R01-2373 x R01-315	F3	
30	R07-6654	Lonoke x R00-33	F6	
31	R08-47	5601T x R00-1940	F3	
32	S07-2680	S99-2281 X S02-6143	F5	
33	S08-9727	S04-8952 X S03-1904		SCN
34	S08-9936	R00-1194F X S03-383RR		SCN
35	S08-17361	LG04-5196 X S00-9925-10 BS		
36	S09-14199	S04-11681 x S04-12412	F5	
37	TN07-754	5601T × 5002T		
38	TN09-008	Fowler × Anand		
39	V06-0245	MD 97-6065 x V95-0016	F4	Det.
40	V07-9330	V99-0376 x Teejay	F4	Det. (High Pro)

TABLE 34 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2012

STRAIN/ VARIETY	AVERAGE RANK	RANK	YIELD 2012	11-12	10-12	PROTEIN 2012	11-12	10-12	OIL 2012	11-12	10-12
AG 5606	6	18	60.2	55.7	51.9	40.0	39.9	39.4	22.1	21.8	21.4
AG 5632RR2Y	33	24	56.5	.	.	40.5	.	.	21.9	.	.
5002T	31	22	56.8	52.0	49.7	40.3	40.5	39.8	22.6	22.3	21.8
OSAGE	3	14	61.5	55.7	51.2	42.7	42.7	42.0	21.2	20.9	20.5
JTN-5203	9	16	59.7	53.0	.	40.7	40.5	.	22.0	21.8	.
AG 5332RR2Y	1	12	62.5	.	.	41.0	.	.	21.9	.	.
AG 5831RR2Y	26	22	57.7	.	.	40.2	.	.	21.0	.	.
CM4022	40	37	47.8	.	.	42.6	.	.	21.6	.	.
DB03-8416	24	22	58.0	53.8	.	43.0	42.6	.	21.6	21.5	.
DB05x023-26	37	25	54.8	.	.	39.2	.	.	21.8	.	.
DB05x039-5	13	20	59.3	.	.	41.8	.	.	21.0	.	.
DB05x039-36	15	20	59.2	.	.	41.9	.	.	20.8	.	.
JTN-4307	38	29	54.3	.	.	42.0	.	.	22.0	.	.
JTN-4408	30	23	56.9	.	.	41.4	.	.	22.0	.	.
JTN-5108	29	26	57.1	52.9	.	42.2	42.1	.	20.9	20.5	.
JTN-5110	11	17	59.6	53.1	.	40.6	40.6	.	22.2	21.8	.
K09-5546	28	21	57.4	.	.	40.1	.	.	23.0	.	.
N02-417	35	24	55.8	51.5	48.9	39.1	38.9	38.4	22.9	22.7	22.3
N07-14221	10	17	59.7	.	.	41.5	.	.	21.2	.	.
N08-147	22	21	58.3	.	.	39.2	.	.	22.8	.	.
N09-13659	39	29	53.2	.	.	40.8	.	.	21.8	.	.
NCC06-2188	32	25	56.6	53.7	49.8	41.9	41.8	41.2	21.1	20.9	20.8
NCC06-579	27	23	57.4	55.2	51.7	42.0	41.7	41.0	21.3	20.9	20.4
NCC07-1148R	21	21	58.3	54.4	.	40.4	40.2	.	22.6	22.3	.
NCC07-7506	8	15	59.8	55.2	.	41.3	41.0	.	22.2	22.0	.
NCC07-7714	18	19	58.5	.	.	40.4	.	.	22.7	.	.
R05-374	4	14	60.6	56.1	.	39.9	39.8	.	22.4	22.0	.
R07-1826	7	16	60.2	.	.	41.1	.	.	22.1	.	.
R07-1857	16	19	59.0	.	.	42.7	.	.	21.1	.	.
R07-6654	20	18	58.5	.	.	42.2	.	.	21.8	.	.
R08-47	5	16	60.5	.	.	41.9	.	.	21.1	.	.
S07-2680	19	21	58.5	55.1	52.0	43.7	42.2	41.2	21.6	21.4	21.1
S08-9727	23	20	58.2	.	.	40.3	.	.	22.8	.	.
S08-9936	17	19	58.8	.	.	41.3	.	.	22.8	.	.
S08-17361	2	12	61.9	.	.	40.8	.	.	22.2	.	.
S09-14199	12	17	59.5	.	.	41.4	.	.	21.6	.	.
TN07-754	25	20	57.8	.	.	40.9	.	.	21.7	.	.
TN09-008	14	16	59.3	.	.	38.7	.	.	21.9	.	.
V06-0245	36	27	55.0	51.1	.	39.5	39.8	.	22.0	21.5	.
V07-9330	34	25	55.9	.	.	40.8	.	.	22.4	.	.
Mean	.	.	58.0	.	.	41.1	.	.	21.9	.	.
LSD(0.05)	.	.	4.2	.	.	0.8	.	.	0.4	.	.
CV(%)	.	.	12.6	.	.	2.3	.	.	2.2	.	.

TABLE 35 - GENERAL SUMMARY OF BOTANICAL TRAITS FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2012

STRAIN/ VARIETY	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SEED SIZE	FL. COLOR	PUB. COLOR	POD COLOR
AG 5606	0	1.9	35	1.6	15.4	W	T	T
AG 5632RR2Y	0	1.4	32	1.6	13.3	W	G	T
5002T	-4	1.5	26	1.6	14.8	W	T	T
OSAGE	-3	1.5	27	1.5	12.7	P	G	T
JTN-5203	-2	1.4	28	1.7	13.5	W	G	T
AG 5332RR2Y	-1	2.0	37	1.8	15.1	P	T	T
AG 5831RR2Y	0	1.4	29	1.5	14.4	P	T	T
CM4022	1	2.7	43	1.6	15.9	W	G	T
DB03-8416	-1	2.3	31	1.6	15.4	P	G	T
DB05x023-26	-5	1.7	28	1.5	12.6	W	T	T
DB05x039-5	-1	2.6	33	1.5	13.2	P	T	T
DB05x039-36	-1	2.7	33	1.5	13.3	P	T	T
JTN-4307	-4	1.8	31	1.4	13.4	P	T	T
JTN-4408	-4	1.8	31	1.6	14.4	W	T	T
JTN-5108	-1	2.0	28	1.5	13.7	W	T	T
JTN-5110	-2	1.5	31	1.7	14.6	P	T	T
K09-5546	-5	1.5	27	1.7	14.3	W	G	T
N02-417	2	1.4	28	1.5	15.8	P	G	T
N07-14221	3	1.8	31	1.4	14.5	P	T	T
N08-147	3	1.8	28	1.5	15.9	P	T	T
N09-13659	0	1.6	30	1.5	13.8	P	G	BR
NCC06-2188	1	1.6	33	1.5	14.5	W	G	T
NCC06-579	4	1.8	33	1.5	14.2	P	G	T
NCC07-1148R	-1	1.9	36	1.6	15.0	P	G	T
NCC07-7506	-4	1.7	29	1.6	13.7	W	G	BR
NCC07-7714	-5	1.6	29	1.6	12.8	W	G	BR
R05-374	-3	1.9	32	1.6	14.5	W	G	BR
R07-1826	0	1.9	32	1.4	14.4	W	G	T
R07-1857	0	1.6	30	1.6	14.5	W	G	T
R07-6654	0	2.2	29	1.5	12.2	W	G	T
R08-47	-2	1.4	29	1.4	14.0	P	G	T
S07-2680	2	1.9	27	1.5	15.1	W	G	T
S08-9727	0	1.9	39	1.8	14.0	W	T	T
S08-9936	-1	2.0	42	1.7	16.0	W	T	T
S08-17361	0	1.8	38	1.7	17.1	W	T	T
S09-14199	2	2.1	34	1.6	15.4	W	T	T
TN07-754	-3	1.2	26	1.6	14.2	W	G	T
TN09-008	-1	1.5	29	1.5	15.6	P	T	T
V06-0245	-1	1.6	30	1.5	12.4	P	G	T
V07-9330	-4	1.5	28	1.7	15.0	P	G	T
Mean	-1	1.8	31	1.6	14.4			
LSD(0.05)	2	0.3	2	0.3	0.8			
CV(%)	309	32.0	12	26.0	7.1			

TABLE 36 - GENERAL SUMMARY OF PEST REACTION FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2012

STRAIN/ VARIETY	SCN HG TYPE 1.2.5.7 Race 2	SCN HG TYPE 5.7 Race 3	SCN HG TYPE 2.5.7 Race 5	PRK GA	SRK GA	SC RATING	SC SCORE	SDS DX
AG 5606	5	1	5	4.8	1.0		.	3
AG 5632RR2Y	5	2	5	3.8	4.5		.	36
5002T	5	4	5	5.0	4.8		.	1
OSAGE	5	4	5	4.5	5.0		.	17
JTN-5203	1	2	2	5.0	5.0		.	3
AG 5332RR2Y	5	1	5	2.0	5.0		.	2
AG 5831RR2Y	5	4	5	5.0	1.5		.	29
CM4022	5	4	5	5.0	5.0		.	17
DB03-8416	5	4	5	5.0	5.0		.	6
DB05x023-26	5	4	5	4.8	5.0		.	4
DB05x039-5	5	5	5	5.0	3.5		.	6
DB05x039-36	5	5	5	5.0	4.3		.	10
JTN-4307	1	1	1	4.3	2.8		.	32
JTN-4408	1	1	3	5.0	1.3		.	8
JTN-5108	4	1	4	5.0	1.5		.	11
JTN-5110	1	1	1	4.8	5.0		.	1
K09-5546	5	4	4	5.0	4.8		.	6
N02-417	5	5	5	5.0	3.3		.	12
N07-14221	5	5	5	5.0	1.0		.	16
N08-147	5	5	5	4.8	3.5		.	16
N09-13659	5	5	5	4.8	3.8		.	28
NCC06-2188	5	4	5	4.8	4.3		.	28
NCC06-579	5	4	5	5.0	1.3		.	13
NCC07-1148R	5	5	5	5.0	5.0		.	42
NCC07-7506	5	2	5	5.0	5.0		.	3
NCC07-7714	5	1	5	5.0	4.5		.	18
R05-374	5	4	5	3.8	5.0		.	23
R07-1826	5	3	5	5.0	5.0		.	22
R07-1857	5	2	5	5.0	3.5		.	32
R07-6654	5	1	5	3.3	5.0		.	3
R08-47	5	2	5	5.0	3.3		.	26
S07-2680	5	4	5	5.0	5.0		.	25
S08-9727	5	2	5	4.8	5.0		.	7
S08-9936	5	2	5	5.0	5.0		.	6
S08-17361	5	4	5	5.0	5.0		.	4
S09-14199	5	2	5	5.0	5.0		.	2
TN07-754	5	5	5	4.8	5.0		.	6
TN09-008	1	4	2	4.0	4.3		.	0
V06-0245	5	1	5	4.5	5.0		.	3
V07-9330	5	4	5	5.0	5.0		.	18

TABLE 37 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2012

Delta

STRAIN/ VARIETY	Keiser, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
AG 5606	81.0	64.5	62.7	59.9	76.1	68.8
AG 5632RR2Y	68.8	65.7	57.9	66.6	63.1	64.4
5002T	84.9	60.1	67.9	66.3	65.5	69.0
OSAGE	82.8	65.4	68.2	63.7	76.4	71.3
JTN-5203	85.1	62.0	64.8	66.2	73.0	70.2
AG 5332RR2Y	78.3	76.7	70.8	65.6	76.5	73.6
AG 5831RR2Y	70.0	63.9	64.1	51.8	74.7	64.9
CM4022	50.0	55.1	54.0	39.1	54.2	50.5
DB03-8416	72.3	52.4	62.7	65.9	69.8	64.7
DB05x023-26	84.8	61.8	64.0	72.3	68.2	70.2
DB05x039-5	71.2	67.8	64.8	61.1	68.3	66.6
DB05x039-36	67.6	63.6	69.2	64.0	67.4	66.4
JTN-4307	66.5	57.4	56.2	45.5	65.6	58.2
JTN-4408	67.3	66.0	67.8	56.3	71.3	65.7
JTN-5108	69.1	61.7	63.4	48.6	70.0	62.6
JTN-5110	78.4	60.7	67.4	67.0	69.7	68.6
K09-5546	78.9	56.2	58.9	55.7	70.1	63.9
N02-417	70.1	56.4	64.5	58.3	63.6	62.6
N07-14221	71.4	60.9	67.4	60.2	76.9	67.4
N08-147	65.9	55.5	64.1	58.1	62.5	61.2
N09-13659	69.6	54.5	64.3	49.8	68.2	61.3
NCC06-2188	78.4	59.3	68.8	46.1	70.7	64.7
NCC06-579	78.1	56.5	64.5	56.8	74.8	66.1
NCC07-1148R	69.6	61.6	57.0	55.6	71.8	63.1
NCC07-7506	77.7	64.1	73.5	66.5	73.2	71.0
NCC07-7714	76.8	60.9	70.1	66.7	70.0	68.9
R05-374	79.2	71.5	77.8	66.8	81.4	75.3
R07-1826	73.5	62.8	70.3	55.2	79.8	68.3
R07-1857	67.5	65.0	67.5	54.6	67.4	64.4
R07-6654	56.4	63.9	69.9	57.0	73.2	64.1
R08-47	86.3	66.0	68.1	66.4	61.0	69.6
S07-2680	82.0	65.2	69.7	65.1	68.1	70.0
S08-9727	67.6	69.8	71.5	58.0	69.8	67.3
S08-9936	69.5	66.9	74.3	54.9	73.8	67.9
S08-17361	70.1	75.0	70.5	60.8	76.7	70.6
S09-14199	72.9	72.3	71.2	58.9	76.4	70.3
TN07-754	84.3	56.8	66.6	72.1	64.2	68.8
TN09-008	85.4	67.7	72.1	58.8	74.2	71.6
V06-0245	71.0	62.7	62.5	51.1	65.9	62.7
V07-9330	77.3	61.7	63.7	54.1	69.8	65.3
Mean	73.9	63.0	66.4	59.2	70.3	66.6
LSD(0.05)	8.0	7.0	5.8	11.1	6.7	6.4
CV(%)	6.7	6.9	5.4	11.5	5.9	9.7

TABLE 37 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2012

East

STRAIN/ VARIETY	Kinston, NC(A)	Petersburg, VA	Plymouth, NC(B)	Suffolk, VA	Warsaw, VA	Area Mean
AG 5606	48.3	45.1	59.3	80.3	67.3	63.8
AG 5632RR2Y	49.1	49.5	56.7	65.3	70.1	60.3
5002T	37.8	34.6	34.1	66.0	73.3	52.8
OSAGE	57.5	43.4	62.3	68.2	68.4	64.1
JTN-5203	44.0	35.4	39.0	65.8	77.7	56.6
AG 5332RR2Y	57.1	36.6	60.5	66.8	68.1	63.1
AG 5831RR2Y	50.6	44.9	49.7	69.6	69.9	59.9
CM4022	43.1	42.8	40.7	54.9	63.2	50.5
DB03-8416	46.9	45.6	63.0	69.1	70.7	62.4
DB05x023-26	34.2	38.3	34.4	61.6	74.2	51.1
DB05x039-5	44.6	26.9	62.1	64.0	69.7	60.1
DB05x039-36	47.1	37.0	62.2	69.1	65.1	60.9
JTN-4307	44.9	34.0	49.1	59.0	65.8	54.6
JTN-4408	44.7	31.0	45.0	59.8	66.3	53.8
JTN-5108	50.8	36.1	53.5	65.4	66.1	59.0
JTN-5110	42.3	27.6	38.4	69.0	73.5	55.8
K09-5546	48.4	46.4	47.6	66.6	69.8	58.1
N02-417	57.0	47.4	38.7	70.6	68.9	58.6
N07-14221	47.3	45.1	60.4	78.8	77.6	66.0
N08-147	60.3	54.0	65.9	74.3	67.1	66.9
N09-13659	44.7	32.2	53.1	73.9	70.1	60.4
NCC06-2188	42.6	42.6	61.5	59.5	80.1	61.1
NCC06-579	50.2	44.1	53.4	64.6	69.2	59.3
NCC07-1148R	43.7	48.9	64.2	70.3	70.3	62.1
NCC07-7506	50.9	43.4	49.8	71.5	75.3	61.9
NCC07-7714	43.9	47.9	60.6	70.5	69.6	61.2
R05-374	48.9	44.9	42.1	65.8	64.9	55.4
R07-1826	50.0	41.0	60.2	64.2	70.2	61.2
R07-1857	54.0	40.2	57.2	64.5	71.3	61.8
R07-6654	49.6	45.4	53.0	66.3	76.0	61.2
R08-47	48.1	37.9	65.5	64.3	76.9	63.7
S07-2680	42.9	36.8	67.8	68.7	73.5	63.2
S08-9727	47.1	46.9	56.6	54.2	67.8	56.4
S08-9936	39.9	37.2	48.1	61.3	68.5	54.5
S08-17361	51.0	54.4	43.2	69.0	75.6	59.7
S09-14199	52.7	44.2	41.5	65.6	73.7	58.4
TN07-754	54.4	36.0	54.2	65.6	71.5	61.4
TN09-008	49.2	42.6	37.0	69.7	68.5	56.1
V06-0245	52.0	52.6	40.5	69.2	66.9	57.1
V07-9330	45.1	41.8	57.5	69.9	71.1	60.9
Mean	47.9	41.6	52.2	66.8	70.6	59.4
LSD(0.05)	7.5	13.2	9.0	10.1	9.0	8.6
CV(%)	9.2	19.5	10.5	9.3	7.8	12.7

TABLE 37 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2012

South

STRAIN/ VARIETY	Belle Mina, AL	Jackson, TN	Milan, TN	Orange, VA	Springfield, TN	Starkville, MS	Area Mean
AG 5606	54.2	45.6	83.4	30.1	57.7	66.0	62.3
AG 5632RR2Y	51.3	50.3	75.5	36.9	56.4	56.7	58.5
5002T	55.2	54.9	76.9	30.2	52.6	58.4	61.4
OSAGE	55.2	53.6	77.5	37.4	56.4	70.6	64.2
JTN-5203	60.7	58.2	73.5	32.8	57.7	52.1	61.1
AG 5332RR2Y	57.1	58.9	76.5	38.5	65.5	59.0	62.9
AG 5831RR2Y	55.8	51.0	74.8	50.9	54.6	66.5	62.0
CM4022	46.1	42.4	66.1	36.5	46.1	54.8	52.4
DB03-8416	54.5	50.8	68.5	48.7	57.4	69.6	60.9
DB05x023-26	57.1	48.8	69.1	47.5	50.3	52.0	56.8
DB05x039-5	55.2	49.8	65.7	47.9	48.3	67.2	59.5
DB05x039-36	55.2	51.3	64.8	50.7	52.4	71.0	60.6
JTN-4307	50.0	54.3	67.0	35.5	47.6	53.7	56.2
JTN-4408	55.8	53.1	67.3	38.3	59.7	70.8	61.8
JTN-5108	53.6	51.9	68.1	42.3	49.2	53.3	56.7
JTN-5110	56.1	60.0	76.7	41.5	52.3	66.8	64.9
K09-5546	56.5	52.5	81.5	36.7	58.2	58.4	62.2
N02-417	56.8	47.6	75.4	46.5	50.2	58.1	59.5
N07-14221	61.6	37.2	81.7	38.5	51.4	67.6	62.0
N08-147	58.7	49.5	76.3	31.2	51.7	69.9	63.6
N09-13659	54.5	37.5	69.9	33.2	54.1	39.6	50.4
NCC06-2188	52.6	49.1	74.6	35.9	51.2	57.7	58.5
NCC06-579	53.2	48.4	79.8	36.3	45.2	69.5	62.7
NCC07-1148R	58.7	41.3	78.3	45.2	41.9	56.4	58.7
NCC07-7506	55.8	43.8	83.2	38.1	49.2	61.2	61.0
NCC07-7714	58.7	47.2	79.5	39.4	43.1	51.9	59.3
R05-374	58.1	52.3	77.7	39.6	54.2	62.5	62.7
R07-1826	57.1	53.0	76.7	39.9	56.2	64.7	62.9
R07-1857	55.5	59.4	73.9	36.4	56.7	58.3	61.8
R07-6654	55.8	55.6	71.1	35.4	62.1	67.4	62.5
R08-47	59.7	58.6	73.2	39.3	51.8	49.3	60.2
S07-2680	50.0	47.9	66.3	35.9	42.7	60.3	56.1
S08-9727	64.2	52.7	69.7	42.4	55.1	59.6	61.5
S08-9936	53.6	54.0	76.7	39.5	55.5	67.9	63.0
S08-17361	57.1	54.0	77.6	42.0	49.2	79.9	67.1
S09-14199	52.9	55.0	71.1	48.8	57.5	65.0	61.0
TN07-754	56.1	56.5	75.5	44.6	43.7	43.5	57.9
TN09-008	57.8	54.0	75.1	42.3	48.0	56.0	60.7
V06-0245	53.2	46.3	73.5	42.4	45.8	57.8	57.7
V07-9330	49.0	44.8	75.2	38.6	48.9	46.2	53.8
Mean	55.5	50.8	74.1	39.9	52.2	60.4	60.2
LSD(0.05)	9.4	8.9	6.7	13.3	13.9	11.3	7.8
CV(%)	10.4	10.7	5.6	20.5	16.3	11.5	12.0

TABLE 37 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2012

West

STRAIN/ VARIETY	*Bossier City, LA*	*McCune, KS*	*Pittsburg, KS*	*Area Mean*
AG 5606	39.7	47.5	27.5	38.3
AG 5632RR2Y	28.6	53.0	25.8	35.8
5002T	35.0	51.0	21.5	35.8
OSAGE	38.1	55.6	21.0	38.2
JTN-5203	39.7	55.2	37.7	44.2
AG 5332RR2Y	38.1	58.3	32.2	42.9
AG 5831RR2Y	47.7	44.8	18.2	36.9
CM4022	38.1	42.9	19.7	33.6
DB03-8416	39.7	51.4	20.1	37.1
DB05x023-26	20.7	52.9	20.3	31.3
DB05x039-5	58.8	54.6	24.5	46.0
DB05x039-36	52.4	54.8	22.7	43.3
JTN-4307	49.3	46.3	37.9	44.5
JTN-4408	38.1	45.2	35.2	39.5
JTN-5108	65.1	43.3	29.0	45.8
JTN-5110	36.5	53.5	37.6	42.5
K09-5546	33.4	50.6	33.1	39.0
N02-417	41.3	47.5	18.5	35.8
N07-14221	39.7	45.2	21.0	35.3
N08-147	31.8	51.0	21.0	34.6
N09-13659	33.4	45.2	22.8	33.8
NCC06-2188	39.7	46.0	18.7	34.8
NCC06-579	33.4	47.1	19.9	33.4
NCC07-1148R	58.8	49.4	25.4	44.5
NCC07-7506	30.2	53.3	27.3	36.9
NCC07-7714	28.6	52.1	28.8	36.5
R05-374	35.0	58.3	28.1	40.5
R07-1826	44.5	49.4	30.9	41.6
R07-1857	47.7	52.2	27.4	42.4
R07-6654	41.3	48.7	30.2	40.1
R08-47	46.1	49.4	29.0	41.5
S07-2680	38.1	52.1	18.1	36.1
S08-9727	41.3	51.4	29.8	40.8
S08-9936	42.9	56.4	31.9	43.7
S08-17361	49.3	59.1	21.4	43.3
S09-14199	39.7	49.0	34.1	41.0
TN07-754	27.0	52.5	23.8	34.4
TN09-008	30.2	55.6	36.8	40.9
V06-0245	39.7	43.6	23.5	35.6
V07-9330	38.1	49.8	20.9	36.3
Mean	39.9	50.6	26.3	39.0
LSD(0.05)	9.6	5.3	4.3	10.9
CV(%)	14.8	6.4	10.0	19.3

TABLE 38 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Kinston, NC(A)	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Suffolk, VA	Warsaw, VA	Test Mean
AG 5606	22.3	23.2	22.9	19.5	22.8	22.3	22.2	22.2	21.8	22.0	22.1
AG 5632RR2Y	22.6	22.3	22.6	20.2	22.5	22.1	21.8	21.7	21.5	21.6	21.9
5002T	23.3	22.7	23.0	20.2	24.6	23.1	22.7	23.0	21.0	22.2	22.6
OSAGE	21.2	21.8	22.9	19.3	21.0	21.6	21.2	20.9	21.8	20.7	21.2
JTN-5203	22.3	22.3	22.7	21.1	23.2	22.2	22.1	21.6	21.1	21.9	22.0
AG 5332RR2Y	22.2	21.7	22.5	20.9	21.9	21.9	21.4	21.5	22.7	21.9	21.9
AG 5831RR2Y	21.1	22.1	21.2	18.9	22.0	21.1	21.4	21.0	21.2	20.3	21.0
CM4022	21.4	22.3	22.6	19.2	21.9	21.9	21.9	21.8	21.4	21.8	21.6
DB03-8416	21.8	22.1	22.4	19.6	22.1	22.1	21.9	21.2	21.0	21.9	21.6
DB05x023-26	21.7	22.3	22.1	21.3	23.6	21.5	21.4	21.4	21.0	21.8	21.8
DB05x039-5	21.4	21.6	21.5	19.4	21.1	21.2	20.7	20.8	22.0	20.5	21.0
DB05x039-36	21.2	20.8	21.1	19.5	20.9	20.9	20.9	20.8	21.3	20.3	20.8
JTN-4307	22.5	22.5	22.3	20.5	22.5	21.8	21.9	21.4	22.8	21.7	22.0
JTN-4408	22.1	23.1	22.2	20.4	22.8	22.0	22.1	21.7	21.9	21.4	22.0
JTN-5108	21.3	21.5	20.6	18.6	21.3	21.5	21.5	21.3	20.7	20.2	20.9
JTN-5110	21.6	23.4	22.5	21.3	23.4	22.1	21.8	21.0	22.5	22.0	22.2
K09-5546	23.8	23.6	23.4	20.9	24.0	23.5	23.3	22.9	21.9	22.4	23.0
N02-417	23.4	23.8	23.7	20.5	24.0	23.3	23.3	23.2	21.8	22.4	22.9
N07-14221	20.7	22.7	21.8	18.8	21.4	21.4	21.4	20.7	22.0	21.5	21.2
N08-147	22.9	24.1	23.4	21.1	23.4	22.9	23.1	22.5	21.8	22.8	22.8
N09-13659	21.8	22.4	22.4	20.1	22.1	22.1	21.9	21.1	22.8	21.4	21.8
NCC06-2188	21.2	21.9	22.1	19.2	20.7	21.2	21.2	20.9	21.5	20.6	21.1
NCC06-579	21.4	22.2	21.7	19.1	21.4	21.4	21.4	21.4	21.6	21.0	21.3
NCC07-1148R	23.0	23.3	23.2	20.4	23.3	23.1	22.5	22.7	22.4	22.1	22.6
NCC07-7506	22.4	22.0	22.4	21.2	23.2	22.1	22.3	22.3	22.3	22.1	22.2
NCC07-7714	23.3	22.9	23.0	21.3	23.0	22.6	22.7	23.0	23.0	22.4	22.7
R05-374	22.8	22.3	23.4	20.8	23.4	22.6	22.9	23.1	20.6	21.6	22.4
R07-1826	22.6	22.3	22.5	19.5	22.6	22.5	22.6	22.8	21.9	21.4	22.1
R07-1857	21.2	21.3	21.2	19.2	21.2	21.5	21.5	21.2	22.2	20.3	21.1
R07-6654	21.4	22.3	22.6	20.7	22.5	21.6	21.3	20.9	22.8	21.5	21.8
R08-47	21.9	21.5	21.9	18.7	21.5	21.1	21.1	21.3	21.9	20.6	21.1
S07-2680	22.2	21.7	22.5	19.6	21.5	22.5	22.1	22.0	21.1	20.9	21.6
S08-9727	23.8	23.0	23.7	21.5	23.6	22.9	22.9	22.3	21.7	22.2	22.8
S08-9936	23.8	22.5	23.4	21.6	23.3	22.7	22.9	22.8	22.4	22.8	22.8
S08-17361	23.7	22.2	22.3	20.4	23.2	22.8	21.9	22.7	20.9	22.3	22.2
S09-14199	21.6	22.6	21.9	19.2	22.0	22.1	21.9	21.3	22.3	21.2	21.6
TN07-754	21.8	22.3	22.2	20.7	22.5	21.8	21.5	21.7	21.6	21.2	21.7
TN09-008	22.1	22.3	22.7	20.7	22.9	22.3	21.9	21.5	21.3	21.8	21.9
V06-0245	22.8	22.3	22.0	19.7	23.3	22.0	22.3	21.8	22.4	21.5	22.0
V07-9330	22.8	23.1	23.0	20.5	23.2	22.5	23.0	21.9	22.8	21.3	22.4
Mean	22.2	22.4	22.4	20.1	22.5	22.1	22.0	21.8	21.8	21.5	.

TABLE 39 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Kinston, NC(A)	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Suffolk, VA	Warsaw, VA	Test Mean
AG 5606	41.6	40.7	39.0	40.1	39.7	40.0	40.3	41.3	38.6	39.2	40.0
AG 5632RR2Y	40.5	41.4	39.0	41.4	39.6	39.8	40.8	40.7	41.8	39.9	40.5
5002T	41.2	41.7	39.6	41.3	34.8	39.5	40.9	41.7	42.4	40.4	40.3
OSAGE	44.3	43.5	39.0	42.5	43.7	42.0	43.0	44.4	41.5	43.0	42.7
JTN-5203	41.4	42.0	40.1	40.4	37.5	39.2	40.8	42.3	42.8	40.2	40.7
AG 5332RR2Y	40.7	42.5	39.5	41.0	39.9	40.7	42.6	42.9	40.7	39.7	41.0
AG 5831RR2Y	41.4	39.6	39.7	39.9	38.6	40.2	40.0	41.0	42.5	39.4	40.2
CM4022	44.0	42.8	40.7	42.5	43.4	42.2	43.2	42.2	43.5	41.8	42.6
DB03-8416	44.3	43.1	42.2	41.8	43.1	42.3	42.9	43.4	44.0	43.1	43.0
DB05x023-26	40.3	41.1	37.9	38.3	33.8	39.0	39.4	41.4	42.1	38.5	39.2
DB05x039-5	42.4	42.1	40.3	41.1	42.0	41.7	42.1	43.3	41.5	41.9	41.8
DB05x039-36	43.0	43.7	40.3	40.5	42.0	41.7	41.7	43.3	41.2	41.9	41.9
JTN-4307	43.1	42.6	41.4	42.2	41.9	42.0	42.7	42.7	40.2	41.4	42.0
JTN-4408	42.7	40.9	40.9	40.8	39.4	41.6	42.0	42.9	42.1	40.6	41.4
JTN-5108	43.5	42.6	41.1	42.1	41.6	41.6	42.0	42.4	42.7	42.1	42.2
JTN-5110	43.3	39.7	40.1	39.8	37.6	39.9	41.7	43.4	40.9	39.9	40.6
K09-5546	40.8	41.0	39.1	40.0	37.7	39.9	40.1	40.9	41.7	39.8	40.1
N02-417	39.7	38.7	37.5	39.4	36.1	38.4	39.5	38.9	44.4	38.1	39.1
N07-14221	43.5	40.3	40.0	41.8	41.4	41.4	41.1	41.5	42.9	40.6	41.5
N08-147	40.6	38.2	38.0	39.4	39.3	39.5	39.3	39.9	40.0	38.3	39.2
N09-13659	42.2	41.2	39.4	41.9	39.8	39.9	41.0	41.1	40.5	41.1	40.8
NCC06-2188	43.4	42.1	40.6	42.0	42.4	41.2	42.0	42.2	41.5	41.8	41.9
NCC06-579	44.6	41.7	40.7	41.2	41.6	41.5	41.1	42.5	43.0	41.6	42.0
NCC07-1148R	41.5	39.6	39.2	40.2	39.6	39.6	40.9	41.2	41.7	40.8	40.4
NCC07-7506	42.2	43.1	40.6	41.6	39.0	41.3	41.6	41.6	41.3	40.9	41.3
NCC07-7714	40.3	41.3	39.7	41.2	40.3	40.4	40.2	40.3	41.3	39.3	40.4
R05-374	40.9	40.8	37.4	39.8	37.6	39.7	39.8	41.0	41.8	39.9	39.9
R07-1826	41.4	42.3	39.5	40.7	40.9	40.7	40.6	41.1	42.9	40.8	41.1
R07-1857	44.3	41.9	42.0	41.9	42.8	42.6	43.3	43.4	42.9	42.2	42.7
R07-6654	45.0	41.8	39.8	42.0	40.4	42.6	43.9	43.3	41.3	42.0	42.2
R08-47	42.0	42.1	40.3	42.8	42.0	41.7	42.6	42.4	41.4	41.6	41.9
S07-2680	44.1	44.8	42.8	42.9	45.2	42.4	43.0	44.6	42.8	44.3	43.7
S08-9727	40.1	41.6	38.7	40.2	39.0	40.1	40.8	41.4	41.1	40.4	40.3
S08-9936	41.4	42.9	39.0	41.4	40.6	41.3	42.1	42.4	41.4	40.7	41.3
S08-17361	39.6	41.9	40.3	42.3	38.9	39.6	40.9	41.8	43.0	39.9	40.8
S09-14199	43.0	40.7	41.2	41.0	40.6	41.1	40.9	43.1	40.9	41.2	41.4
TN07-754	42.3	41.1	39.7	40.3	39.7	40.4	41.3	41.4	42.8	40.4	40.9
TN09-008	39.8	38.8	37.0	38.9	36.8	38.4	38.4	40.4	40.6	38.4	38.7
V06-0245	40.0	40.4	38.9	40.1	35.5	39.8	39.6	40.7	41.1	39.0	39.5
V07-9330	41.9	41.2	39.7	41.7	39.9	39.9	40.5	42.5	40.5	40.7	40.8
Mean	42.1	41.5	39.8	41.0	39.9	40.7	41.3	42.0	41.8	40.7	.

TABLE 40 - SIZE (GRAMS PER 100 SEED) FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Belle Mina, AL	Bossier City, LA	Jackson, TN	Keiser, AR	Kinston, NC(A)	McCune, KS	Milan, TN	Orange, VA	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Portageville, MO(B)	Springfield, TN	Starkville, MS	Stoneville, MS	Stuttgart, AR	Suffolk, VA	Warsaw, VA	Test Mean
AG 5606	.	14.6	16.2	.	19.5	14.9	.	14.3	16.3	12.3	16.1	15.5	15.1	.	.	15.4	.	16.4	14.2	15.4
AG 5632RR2Y	.	10.7	14.5	.	14.8	12.2	.	13.0	13.3	13.0	12.7	14.2	13.7	.	.	12.5	.	13.0	15.1	13.3
5002T	.	15.2	15.2	.	17.2	15.7	.	15.3	14.5	13.8	11.3	15.2	15.5	.	.	14.4	.	15.3	14.3	14.8
OSAGE	.	10.6	12.2	.	15.1	12.0	.	12.3	12.8	10.6	13.1	13.4	14.5	.	.	12.1	.	13.3	13.7	12.7
JTN-5203	.	13.3	13.8	.	15.6	15.3	.	13.0	12.5	13.9	10.6	12.2	15.7	.	.	12.1	.	12.6	15.1	13.5
AG 5332RR2Y	.	14.2	14.0	.	18.6	14.0	.	16.0	15.2	16.2	14.7	15.6	14.7	.	.	14.8	.	13.4	14.5	15.1
AG 5831RR2Y	.	13.2	15.7	.	16.4	13.0	.	14.3	14.4	10.9	13.8	14.9	13.9	.	.	14.5	.	15.9	15.8	14.4
CM4022	.	16.0	17.9	.	18.5	14.2	.	15.0	16.0	13.1	17.3	16.8	16.7	.	.	12.7	.	15.8	16.4	15.9
DB03-8416	.	14.9	16.4	.	18.9	15.2	.	15.7	16.6	12.8	15.9	15.0	16.0	.	.	12.9	.	16.2	13.7	15.4
DB05x023-26	.	11.5	12.3	.	14.7	13.5	.	14.0	12.2	12.2	9.5	11.9	15.2	.	.	11.9	.	11.1	13.7	12.6
DB05x039-5	.	11.4	14.1	.	15.0	14.0	.	13.7	12.5	10.7	13.2	12.8	15.9	.	.	12.0	.	13.1	13.7	13.2
DB05x039-36	.	12.7	13.5	.	15.9	12.7	.	14.7	12.1	11.3	12.9	13.1	15.1	.	.	12.3	.	13.3	13.3	13.3
JTN-4307	.	11.6	14.1	.	14.5	13.1	.	12.7	14.5	12.9	12.4	12.8	14.3	.	.	14.1	.	12.8	14.3	13.4
JTN-4408	.	12.1	14.3	.	15.8	14.1	.	15.0	14.7	13.9	13.1	15.8	16.7	.	.	13.9	.	14.2	14.2	14.4
JTN-5108	.	14.0	14.3	.	15.5	13.2	.	13.0	13.2	12.3	13.2	13.2	15.9	.	.	11.5	.	14.2	14.5	13.7
JTN-5110	.	12.9	15.4	.	16.9	14.8	.	14.3	15.7	14.2	13.2	14.1	15.9	.	.	11.5	.	16.2	14.6	14.6
K09-5546	.	14.2	13.7	.	15.2	14.7	.	15.3	13.5	13.6	12.4	15.7	16.2	.	.	11.9	.	15.1	14.7	14.3
N02-417	.	15.8	18.6	.	18.6	14.2	.	14.7	15.5	12.9	14.1	16.1	17.4	.	.	14.6	.	16.9	15.9	15.8
N07-14221	.	13.1	14.8	.	15.5	13.8	.	15.7	15.2	12.0	14.2	15.3	14.5	.	.	12.1	.	15.6	16.4	14.5
N08-147	.	15.5	15.8	.	17.4	15.5	.	15.7	16.0	13.4	16.2	16.8	17.1	.	.	15.4	.	16.7	15.2	15.9
N09-13659	.	13.0	13.7	.	15.4	12.7	.	13.0	15.0	12.0	13.5	13.6	14.6	.	.	13.6	.	14.4	15.0	13.8
NCC06-2188	.	15.2	15.3	.	16.6	14.0	.	14.7	15.2	12.8	13.8	13.8	14.3	.	.	13.5	.	14.6	14.5	14.5
NCC06-579	.	12.7	18.2	.	15.4	12.5	.	14.0	14.7	12.2	12.7	14.4	15.1	.	.	12.6	.	14.8	14.9	14.2
NCC07-1148R	.	12.5	16.7	.	18.6	13.7	.	15.3	14.5	13.5	15.7	15.6	15.9	.	.	12.4	.	15.8	14.8	15.0
NCC07-7506	.	11.2	13.4	.	17.1	15.6	.	14.3	13.3	12.3	13.2	13.1	15.9	.	.	13.1	.	13.5	12.4	13.7
NCC07-7714	.	11.6	12.1	.	14.8	11.4	.	14.0	11.7	14.2	12.2	12.2	12.6	.	.	13.8	.	11.9	14.3	12.8
R05-374	.	12.4	13.7	.	16.3	14.5	.	15.3	14.0	14.5	13.8	14.8	15.9	.	.	13.7	.	15.1	14.6	14.5
R07-1826	.	14.6	14.5	.	17.0	14.0	.	15.0	12.2	13.2	14.4	14.2	15.7	.	.	13.8	.	14.6	14.2	14.4
R07-1857	.	13.4	15.2	.	15.7	15.3	.	13.7	13.5	13.0	14.6	15.2	17.2	.	.	14.1	.	14.9	12.9	14.5
R07-6654	.	10.6	12.9	.	12.8	11.7	.	13.0	11.1	10.9	11.3	12.0	14.5	.	.	12.4	.	12.0	13.3	12.2
R08-47	.	13.9	14.0	.	15.1	13.6	.	12.3	13.2	13.2	13.9	13.4	16.7	.	.	12.6	.	13.7	16.0	14.0
S07-2680	.	13.6	17.1	.	17.0	14.1	.	15.0	15.1	12.7	16.3	14.2	16.5	.	.	14.5	.	15.2	14.8	15.1
S08-9727	.	13.1	15.3	.	15.8	13.5	.	14.3	13.5	13.6	11.9	14.5	16.6	.	.	12.5	.	12.2	15.5	14.0
S08-9936	.	13.0	16.7	.	18.4	15.5	.	15.7	14.9	17.0	16.3	16.8	16.3	.	.	15.3	.	15.0	17.5	16.0
S08-17361	.	17.8	17.7	.	19.6	17.1	.	16.7	16.1	17.2	16.6	16.8	15.7	.	.	16.8	.	17.3	16.6	17.1
S09-14199	.	14.2	16.0	.	18.1	14.0	.	15.7	15.4	13.4	14.9	17.7	16.6	.	.	12.9	.	16.8	14.8	15.4
TN07-754	.	13.0	15.2	.	15.2	14.1	.	14.7	13.8	11.6	13.0	14.1	15.3	.	.	14.3	.	14.0	16.7	14.2
TN09-008	.	14.1	16.4	.	18.8	15.4	.	14.0	15.2	13.8	14.4	16.1	18.6	.	.	16.0	.	18.2	11.8	15.6
V06-0245	.	12.5	12.3	.	13.1	11.1	.	13.3	14.1	10.2	10.6	11.8	12.9	.	.	11.8	.	11.9	15.3	12.4
V07-9330	.	12.9	14.9	.	18.2	15.1	.	15.3	14.2	14.0	14.1	14.8	16.2	.	.	14.7	.	15.1	15.6	15.0
Mean	.	13.3	15.0	.	16.5	14.0	.	14.4	14.2	13.0	13.7	14.5	15.6	.	.	13.4	.	14.6	14.7	.

TABLE 41 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

Delta

STRAIN/ VARIETY	*Keiser, AR*	*Portageville, MO(A)*	*Portageville, MO(B)*	*Stoneville, MS*	*Stuttgart, AR*	*Area Mean*
AG 5606	9/24	10/8	10/12	9/26	9/25	10/1
AG 5632RR2Y	-1	-1	-1	0	4	0
5002T	-1	-5	-4	-12	1	-4
OSAGE	1	-3	-3	-11	0	-3
JTN-5203	0	-4	-3	-10	-2	-4
AG 5332RR2Y	1	-2	0	-11	6	-1
AG 5831RR2Y	0	-2	-1	-11	6	-1
CM4022	1	3	0	1	5	2
DB03-8416	1	-2	-1	-10	-1	-3
DB05x023-26	-2	-5	-4	-13	-2	-5
DB05x039-5	0	-3	-1	-1	-1	-2
DB05x039-36	1	-2	-2	-1	1	-1
JTN-4307	0	-4	-5	-10	0	-4
JTN-4408	-1	-4	-6	-12	-2	-5
JTN-5108	0	-2	-2	-4	6	-1
JTN-5110	3	-3	-2	-10	1	-2
K09-5546	0	-5	-5	-14	-1	-5
N02-417	1	-1	0	-1	6	1
N07-14221	4	3	4	-2	10	4
N08-147	1	-1	0	-2	6	1
N09-13659	0	-3	0	-5	3	-1
NCC06-2188	2	-3	-1	-1	4	0
NCC06-579	6	2	3	1	8	4
NCC07-1148R	2	-2	-1	-10	1	-2
NCC07-7506	-1	-5	-3	-10	-4	-5
NCC07-7714	0	-6	-6	-15	-2	-6
R05-374	-1	-3	-4	-14	-1	-4
R07-1826	0	-2	-1	-3	4	-1
R07-1857	0	-2	-1	-9	5	-1
R07-6654	-1	-2	-1	-2	6	0
R08-47	-1	-3	-2	-10	3	-3
S07-2680	3	-1	-1	-8	7	0
S08-9727	2	2	0	-7	1	0
S08-9936	0	-1	-1	-7	1	-1
S08-17361	-1	1	-2	-11	4	-2
S09-14199	3	-1	-1	-1	6	1
TN07-754	1	-6	-3	-11	2	-3
TN09-008	-1	-3	-2	-2	4	-1
V06-0245	1	-2	-3	-9	6	-1
V07-9330	0	-5	-5	-10	-2	-4
Mean	1	-2	-2	-7	2	-2

TABLE 41 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

East

STRAIN/ VARIETY	*Kinston, NC(A)*	*Petersburg, VA*	*Plymouth, NC(B)*	*Suffolk, VA*	*Warsaw, VA*	*Area Mean*
AG 5606	10/17	10/10	10/9	10/18	10/19	10/15
AG 5632RR2Y	2	7	-4	0	-7	-1
5002T	-2	2	-9	1	-7	-3
OSAGE	-4	10	-4	-1	-5	-1
JTN-5203	-2	10	-7	1	-5	0
AG 5332RR2Y	3	8	-1	0	-4	1
AG 5831RR2Y	-2	12	0	3	-1	2
CM4022	1	11	1	0	-4	2
DB03-8416	-4	12	-4	0	-9	-1
DB05x023-26	-6	0	-7	-3	-5	-4
DB05x039-5	-3	2	-2	0	-5	-1
DB05x039-36	-1	11	-1	0	-9	0
JTN-4307	-6	-1	-8	-1	-9	-5
JTN-4408	-3	4	-7	-1	-5	-2
JTN-5108	-1	4	-3	1	-4	-1
JTN-5110	-1	7	-3	3	-8	-1
K09-5546	-4	3	-8	-1	-3	-3
N02-417	3	10	4	3	0	4
N07-14221	3	12	4	5	3	5
N08-147	3	12	6	5	-1	5
N09-13659	3	13	1	4	-3	4
NCC06-2188	-1	12	-2	1	3	3
NCC06-579	2	11	3	5	0	4
NCC07-1148R	0	11	-6	-3	-5	-1
NCC07-7506	-1	3	-8	0	-6	-2
NCC07-7714	-2	1	-9	0	-6	-3
R05-374	-3	11	-5	1	-3	1
R07-1826	0	12	-5	1	-2	1
R07-1857	0	4	-4	-1	-1	-1
R07-6654	-1	9	-1	-1	-3	1
R08-47	-4	2	-5	0	1	-1
S07-2680	2	13	1	1	-1	3
S08-9727	-1	12	0	0	-4	2
S08-9936	-1	12	2	0	-4	2
S08-17361	3	15	2	1	-1	4
S09-14199	1	12	3	1	-4	3
TN07-754	-3	7	-3	4	-4	0
TN09-008	1	9	0	1	-2	2
V06-0245	-3	12	-2	3	-8	0
V07-9330	-3	2	-5	0	-3	-2
Mean	-1	8	-2	1	-4	0

TABLE 41 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

South

STRAIN/ VARIETY	Belle Mina, AL	Jackson, TN	Milan, TN	Orange, VA	Springfield, TN	Area Mean
AG 5606	10/1	10/12	10/17	11/1	10/15	10/15
AG 5632RR2Y	2	0	0	0	0	0
5002T	-2	-13	-7	0	-3	-5
OSAGE	-3	-7	-5	0	-3	-4
JTN-5203	-5	-3	-3	0	-1	-2
AG 5332RR2Y	-4	-5	-3	0	0	-3
AG 5831RR2Y	-1	0	-4	0	-2	-1
CM4022	-1	1	0	0	0	0
DB03-8416	-4	-3	-3	0	-1	-2
DB05x023-26	-5	-13	-8	0	-3	-6
DB05x039-5	-2	2	-6	0	-2	-2
DB05x039-36	0	1	-3	0	-2	-1
JTN-4307	-5	-8	-9	0	-3	-5
JTN-4408	-4	-7	-9	0	-2	-4
JTN-5108	-3	-2	-3	0	-3	-2
JTN-5110	-2	-6	-2	0	-2	-3
K09-5546	-5	-15	-6	0	-3	-6
N02-417	4	3	0	0	0	2
N07-14221	7	3	1	0	2	3
N08-147	7	0	1	0	0	2
N09-13659	3	-2	-1	0	-1	0
NCC06-2188	6	-1	-1	0	3	1
NCC06-579	7	3	2	0	2	3
NCC07-1148R	-2	0	0	0	0	-1
NCC07-7506	-5	-13	-3	0	-3	-5
NCC07-7714	-4	-17	-6	0	-4	-6
R05-374	-2	-9	-2	0	-3	-3
R07-1826	2	-1	0	0	-2	0
R07-1857	3	-2	1	0	-1	0
R07-6654	-1	-1	0	0	1	0
R08-47	-5	-5	-6	0	-4	-4
S07-2680	1	3	1	0	1	1
S08-9727	-2	0	-2	0	-1	-1
S08-9936	-3	0	-3	0	-2	-2
S08-17361	-3	-1	-3	0	-1	-2
S09-14199	4	1	-1	0	-2	0
TN07-754	-2	-11	-5	0	-3	-4
TN09-008	-2	-4	-5	0	-2	-3
V06-0245	-5	-5	-1	0	-2	-3
V07-9330	-5	-14	-6	0	-3	-5
Mean	-1	-4	-3	0	-1	-2

TABLE 41 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***Area Mean***
AG 5606	9/6	9/6
AG 5632RR2Y	-1	-1
5002T	-6	-6
OSAGE	-8	-8
JTN-5203	-2	-2
AG 5332RR2Y	-4	-4
AG 5831RR2Y	2	2
CM4022	3	3
DB03-8416	6	6
DB05x023-26	-6	-6
DB05x039-5	4	4
DB05x039-36	2	2
JTN-4307	1	1
JTN-4408	-2	-2
JTN-5108	6	6
JTN-5110	-1	-1
K09-5546	-8	-8
N02-417	5	5
N07-14221	-6	-6
N08-147	4	4
N09-13659	-7	-7
NCC06-2188	4	4
NCC06-579	6	6
NCC07-1148R	4	4
NCC07-7506	-9	-9
NCC07-7714	-10	-10
R05-374	-6	-6
R07-1826	2	2
R07-1857	5	5
R07-6654	4	4
R08-47	0	0
S07-2680	6	6
S08-9727	0	0
S08-9936	-1	-1
S08-17361	-2	-2
S09-14199	4	4
TN07-754	-6	-6
TN09-008	0	0
V06-0245	-5	-5
V07-9330	-3	-3
Mean	-1	-1

TABLE 42 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

Delta

STRAIN/ VARIETY	Keiser, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
AG 5606	38	30	38	46	40	38
AG 5632RR2Y	38	30	38	42	35	37
5002T	34	24	28	26	27	28
OSAGE	31	24	34	31	30	30
JTN-5203	35	22	30	35	30	30
AG 5332RR2Y	44	45	37	44	43	43
AG 5831RR2Y	36	24	30	34	29	31
CM4022	51	45	31	62	47	47
DB03-8416	38	31	35	40	36	36
DB05x023-26	34	24	29	33	32	30
DB05x039-5	34	31	33	39	35	35
DB05x039-36	37	32	29	38	37	34
JTN-4307	37	31	31	37	34	34
JTN-4408	34	26	32	39	35	33
JTN-5108	33	18	30	37	31	30
JTN-5110	34	27	35	40	35	34
K09-5546	31	21	28	26	28	27
N02-417	30	25	31	35	29	30
N07-14221	37	30	35	33	34	34
N08-147	34	23	33	34	33	32
N09-13659	35	29	38	32	32	33
NCC06-2188	38	23	37	40	37	35
NCC06-579	38	27	35	36	38	35
NCC07-1148R	43	39	42	45	43	43
NCC07-7506	36	20	26	35	33	30
NCC07-7714	33	21	31	31	30	29
R05-374	37	25	30	36	35	33
R07-1826	37	25	35	45	37	36
R07-1857	36	25	35	34	33	33
R07-6654	34	26	33	35	34	32
R08-47	33	20	34	31	31	30
S07-2680	29	25	27	34	28	29
S08-9727	45	47	40	49	45	45
S08-9936	49	52	37	51	48	47
S08-17361	49	45	45	41	45	45
S09-14199	37	27	31	43	38	35
TN07-754	34	24	26	26	30	28
TN09-008	35	26	30	29	31	30
V06-0245	37	24	32	35	35	33
V07-9330	34	22	28	32	31	29
Mean	37	28	33	37	35	.

TABLE 42 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

East

STRAIN/ VARIETY	*Kinston, NC(A)*	*Petersburg, VA*	*Plymouth, NC(B)*	*Suffolk, VA*	*Warsaw, VA*	*Area Mean*
AG 5606	47	25	42	39	31	37
AG 5632RR2Y	41	22	43	34	27	33
5002T	42	20	36	25	24	29
OSAGE	32	21	33	30	23	28
JTN-5203	35	22	35	32	32	31
AG 5332RR2Y	46	31	45	37	27	37
AG 5831RR2Y	36	22	36	30	39	33
CM4022	49	35	52	47	35	44
DB03-8416	35	24	35	34	28	31
DB05x023-26	37	23	35	28	29	30
DB05x039-5	47	22	37	36	31	34
DB05x039-36	44	26	37	37	30	35
JTN-4307	37	21	40	32	29	32
JTN-4408	39	21	41	30	29	32
JTN-5108	36	22	34	29	27	30
JTN-5110	38	24	37	31	26	31
K09-5546	42	22	34	30	28	31
N02-417	37	22	33	35	27	31
N07-14221	39	22	38	34	29	32
N08-147	34	24	35	31	26	30
N09-13659	42	20	36	31	30	32
NCC06-2188	41	26	43	35	33	36
NCC06-579	41	26	44	33	33	36
NCC07-1148R	43	28	42	41	28	36
NCC07-7506	43	21	38	31	27	32
NCC07-7714	43	26	37	28	29	32
R05-374	49	28	42	32	31	36
R07-1826	40	24	41	31	29	33
R07-1857	39	24	35	27	28	30
R07-6654	35	21	34	30	27	29
R08-47	41	24	35	30	25	31
S07-2680	35	21	30	29	34	30
S08-9727	46	30	41	39	40	39
S08-9936	47	35	50	39	38	42
S08-17361	44	32	44	37	34	38
S09-14199	49	26	47	35	29	37
TN07-754	34	23	35	22	28	28
TN09-008	38	25	37	35	28	33
V06-0245	42	29	37	32	25	33
V07-9330	40	21	36	33	31	32
Mean	40	25	39	33	30	.

TABLE 42 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

South

STRAIN/ VARIETY	Belle Mina, AL	Jackson, TN	Milan, TN	Orange, VA	Springfield, TN	Starkville, MS	Area Mean
AG 5606	37	39	.	17	31	.	31
AG 5632RR2Y	36	37	.	18	26	.	29
5002T	31	29	.	12	24	.	24
OSAGE	31	32	.	15	21	.	25
JTN-5203	31	34	.	12	22	.	25
AG 5332RR2Y	37	43	.	22	34	.	34
AG 5831RR2Y	32	31	.	16	21	.	25
CM4022	48	53	.	24	38	.	41
DB03-8416	37	35	.	17	26	.	29
DB05x023-26	33	31	.	19	23	.	26
DB05x039-5	37	40	.	19	29	.	32
DB05x039-36	37	40	.	20	28	.	31
JTN-4307	37	44	.	15	26	.	30
JTN-4408	36	38	.	17	31	.	31
JTN-5108	33	31	.	18	27	.	27
JTN-5110	35	35	.	18	25	.	28
K09-5546	32	32	.	11	20	.	24
N02-417	34	30	.	16	22	.	26
N07-14221	34	33	.	16	28	.	28
N08-147	34	27	.	15	20	.	24
N09-13659	34	34	.	16	27	.	28
NCC06-2188	36	38	.	17	28	.	30
NCC06-579	37	38	.	16	25	.	29
NCC07-1148R	42	41	.	20	28	.	33
NCC07-7506	34	33	.	16	22	.	26
NCC07-7714	32	32	.	15	23	.	26
R05-374	34	37	.	14	29	.	29
R07-1826	35	37	.	16	27	.	29
R07-1857	35	36	.	12	22	.	26
R07-6654	34	34	.	14	24	.	27
R08-47	34	37	.	17	23	.	28
S07-2680	34	31	.	14	19	.	24
S08-9727	41	41	.	22	32	.	34
S08-9936	42	50	.	23	38	.	38
S08-17361	39	45	.	21	28	.	33
S09-14199	37	39	.	16	28	.	30
TN07-754	31	29	.	13	17	.	23
TN09-008	34	33	.	17	22	.	27
V06-0245	34	36	.	15	25	.	28
V07-9330	29	31	.	15	22	.	24
Mean	35	36	.	17	26	.	.

TABLE 42 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

West

STRAIN/ VARIETY	Bossier City, LA	McCune, KS	Pittsburg, KS	Area Mean
AG 5606	28	.	30	29
AG 5632RR2Y	26	.	28	27
5002T	21	.	21	21
OSAGE	23	.	25	24
JTN-5203	23	.	23	23
AG 5332RR2Y	25	.	29	27
AG 5831RR2Y	25	.	23	24
CM4022	34	.	38	36
DB03-8416	23	.	27	25
DB05x023-26	22	.	20	21
DB05x039-5	29	.	29	29
DB05x039-36	29	.	28	29
JTN-4307	25	.	27	26
JTN-4408	25	.	27	26
JTN-5108	23	.	23	23
JTN-5110	25	.	24	25
K09-5546	25	.	27	26
N02-417	22	.	25	24
N07-14221	23	.	25	24
N08-147	22	.	23	23
N09-13659	25	.	26	25
NCC06-2188	24	.	26	25
NCC06-579	28	.	27	28
NCC07-1148R	26	.	29	28
NCC07-7506	24	.	24	24
NCC07-7714	21	.	27	24
R05-374	27	.	33	30
R07-1826	25	.	29	27
R07-1857	28	.	27	28
R07-6654	24	.	25	25
R08-47	25	.	24	24
S07-2680	25	.	24	25
S08-9727	34	.	30	32
S08-9936	33	.	33	33
S08-17361	30	.	27	29
S09-14199	31	.	30	31
TN07-754	22	.	21	21
TN09-008	21	.	26	23
V06-0245	23	.	25	24
V07-9330	23	.	23	23
Mean	25	.	27	.

TABLE 43 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

Delta

STRAIN/ VARIETY	Keiser, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
AG 5606	2.7	2.0	2.7	3.0	3.0	2.6
AG 5632RR2Y	1.0	1.7	2.0	3.0	1.3	1.6
5002T	2.0	1.0	1.7	2.0	1.3	1.5
OSAGE	1.0	1.3	2.3	2.0	2.3	1.8
JTN-5203	1.0	1.0	1.7	2.0	1.0	1.2
AG 5332RR2Y	1.3	3.3	3.7	4.0	3.7	3.1
AG 5831RR2Y	1.0	1.3	2.0	2.0	1.7	1.5
CM4022	3.0	3.7	3.7	5.0	4.3	3.8
DB03-8416	3.7	3.0	2.7	5.0	4.0	3.5
DB05x023-26	1.3	1.3	1.7	2.0	3.0	1.8
DB05x039-5	3.3	3.0	4.0	5.0	4.0	3.7
DB05x039-36	4.3	3.3	4.0	5.0	4.3	4.1
JTN-4307	1.0	2.0	2.7	4.0	1.7	2.0
JTN-4408	1.0	1.7	3.0	4.0	2.3	2.2
JTN-5108	3.3	2.0	3.3	2.0	4.0	3.1
JTN-5110	1.0	1.3	2.0	3.0	2.0	1.7
K09-5546	1.7	1.0	1.7	2.0	1.7	1.5
N02-417	1.0	1.3	2.0	2.0	1.7	1.5
N07-14221	2.3	2.0	3.0	2.0	2.3	2.4
N08-147	2.0	1.0	3.0	2.0	3.7	2.4
N09-13659	2.0	1.0	2.7	2.0	2.0	1.9
NCC06-2188	2.0	1.0	3.0	2.0	2.0	2.0
NCC06-579	3.3	2.0	3.3	2.0	2.3	2.7
NCC07-1148R	2.3	2.7	3.7	3.0	3.0	2.9
NCC07-7506	2.3	1.0	2.7	2.0	1.7	1.9
NCC07-7714	1.0	1.0	2.7	2.0	2.3	1.8
R05-374	2.0	2.0	3.0	3.0	3.0	2.5
R07-1826	2.3	2.0	2.3	3.0	2.7	2.4
R07-1857	1.0	1.3	2.3	3.0	2.3	1.8
R07-6654	4.7	2.0	3.0	4.0	3.3	3.3
R08-47	1.0	1.0	2.3	2.0	2.0	1.6
S07-2680	1.3	2.0	3.3	3.0	4.0	2.7
S08-9727	1.3	3.0	4.0	4.0	3.0	2.9
S08-9936	1.7	3.7	4.0	4.0	3.3	3.2
S08-17361	1.0	2.7	3.3	3.0	2.7	2.5
S09-14199	3.0	2.0	3.0	4.0	3.0	2.8
TN07-754	1.0	1.0	1.3	2.0	1.0	1.2
TN09-008	1.0	1.0	2.0	2.0	1.7	1.5
V06-0245	1.0	1.7	2.7	3.0	2.0	1.9
V07-9330	1.0	1.0	2.0	2.0	2.3	1.6
Mean	1.9	1.8	2.7	2.9	2.6	.

TABLE 43 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

East

STRAIN/ VARIETY	Kinston, NC(A)	Petersburg, VA	Plymouth, NC(B)	Suffolk, VA	Warsaw, VA	Area Mean
AG 5606	2.5	1.5	2.2	1.3	1.2	1.7
AG 5632RR2Y	2.8	1.2	1.5	1.0	1.2	1.4
5002T	2.8	1.0	2.2	1.0	1.1	1.5
OSAGE	1.8	1.2	1.7	1.0	1.1	1.3
JTN-5203	2.8	1.0	2.0	1.0	1.5	1.5
AG 5332RR2Y	2.3	1.8	2.2	1.0	1.2	1.6
AG 5831RR2Y	2.3	1.2	1.2	1.0	1.9	1.5
CM4022	2.8	2.0	3.5	1.7	1.9	2.3
DB03-8416	2.0	1.5	1.7	1.0	1.3	1.5
DB05x023-26	2.5	1.2	1.5	1.0	2.0	1.6
DB05x039-5	3.8	1.0	2.7	1.0	2.3	2.0
DB05x039-36	3.8	1.5	3.0	1.0	1.6	2.0
JTN-4307	2.5	1.2	2.0	1.0	1.3	1.5
JTN-4408	2.5	1.3	2.0	1.0	1.3	1.5
JTN-5108	2.5	1.5	1.5	1.2	1.3	1.5
JTN-5110	2.8	1.2	1.7	1.0	1.1	1.5
K09-5546	3.3	1.3	1.5	1.0	1.3	1.6
N02-417	1.8	1.2	1.5	1.0	1.2	1.3
N07-14221	3.0	1.3	2.5	1.2	1.2	1.7
N08-147	2.0	1.0	3.0	1.0	1.1	1.5
N09-13659	2.8	1.0	2.2	1.0	1.2	1.5
NCC06-2188	2.3	1.5	2.0	1.0	1.5	1.6
NCC06-579	2.8	1.0	2.2	1.0	1.4	1.6
NCC07-1148R	3.3	1.3	1.7	1.0	1.1	1.6
NCC07-7506	2.5	1.2	1.7	1.3	1.1	1.5
NCC07-7714	2.5	1.5	1.7	1.0	1.4	1.6
R05-374	2.5	1.5	2.5	1.0	1.4	1.7
R07-1826	2.5	1.5	2.8	1.0	1.3	1.7
R07-1857	2.5	1.5	2.0	1.0	1.8	1.7
R07-6654	3.0	1.3	2.2	1.0	1.4	1.7
R08-47	2.8	1.2	2.0	1.0	1.2	1.5
S07-2680	3.0	1.3	2.2	1.0	1.5	1.7
S08-9727	2.0	1.6	1.7	1.3	1.5	1.6
S08-9936	2.8	1.8	2.8	1.2	1.3	1.8
S08-17361	2.0	2.0	1.5	1.2	1.7	1.7
S09-14199	2.8	1.5	3.3	1.0	1.2	1.8
TN07-754	2.0	1.2	1.5	1.0	1.3	1.3
TN09-008	2.8	1.5	1.5	1.0	1.3	1.5
V06-0245	2.5	1.5	1.7	1.0	1.1	1.5
V07-9330	3.0	1.0	2.0	1.0	1.3	1.5
Mean	2.6	1.3	2.1	1.1	1.4	.

TABLE 43 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

South

STRAIN/ VARIETY	Belle Mina, AL	Jackson, TN	Milan, TN	Orange, VA	Springfield, TN	Starkville, MS	Area Mean
AG 5606	1.7	2.0	2.7	1.0	1.0	.	1.7
AG 5632RR2Y	1.0	1.3	2.2	1.0	1.0	.	1.3
5002T	1.7	1.7	2.8	1.0	1.0	.	1.6
OSAGE	1.0	1.7	3.3	1.0	1.0	.	1.6
JTN-5203	1.0	1.7	2.3	1.0	1.0	.	1.4
AG 5332RR2Y	1.3	3.0	2.3	1.0	1.0	.	1.7
AG 5831RR2Y	1.0	1.3	2.8	1.0	1.0	.	1.4
CM4022	2.0	4.0	3.5	1.0	1.0	.	2.3
DB03-8416	1.7	3.7	4.0	1.0	1.0	.	2.3
DB05x023-26	1.0	2.3	4.0	1.0	1.0	.	1.9
DB05x039-5	1.7	3.7	4.0	1.0	1.0	.	2.3
DB05x039-36	2.0	3.7	4.0	1.0	1.0	.	2.3
JTN-4307	1.7	2.3	2.5	1.0	1.0	.	1.7
JTN-4408	2.0	2.7	3.3	1.0	1.0	.	2.0
JTN-5108	1.7	2.3	3.0	1.0	1.0	.	1.8
JTN-5110	1.0	1.7	2.2	1.0	1.0	.	1.4
K09-5546	1.0	1.3	3.3	1.0	1.0	.	1.5
N02-417	1.3	1.3	2.7	1.0	1.0	.	1.5
N07-14221	2.0	2.0	2.0	1.0	1.0	.	1.6
N08-147	1.7	1.3	3.5	1.0	1.0	.	1.7
N09-13659	1.3	1.3	3.2	1.0	1.0	.	1.6
NCC06-2188	1.7	1.0	2.0	1.0	1.0	.	1.3
NCC06-579	1.3	1.7	2.0	1.0	1.0	.	1.4
NCC07-1148R	1.0	2.0	2.7	1.0	1.0	.	1.5
NCC07-7506	2.0	2.0	3.2	1.0	1.0	.	1.8
NCC07-7714	1.3	1.3	3.7	1.0	1.0	.	1.7
R05-374	2.0	2.7	2.2	1.0	1.0	.	1.8
R07-1826	1.7	2.7	2.5	1.0	1.0	.	1.8
R07-1857	1.0	2.0	2.7	1.0	1.0	.	1.5
R07-6654	1.3	3.3	3.3	1.0	1.0	.	2.0
R08-47	1.0	1.3	2.0	1.0	1.0	.	1.3
S07-2680	1.0	2.0	3.7	1.0	1.0	.	1.7
S08-9727	1.3	2.7	2.0	1.0	1.0	.	1.6
S08-9936	1.0	3.0	1.7	1.0	1.0	.	1.5
S08-17361	1.0	2.7	3.2	1.0	1.0	.	1.8
S09-14199	2.0	2.7	2.8	1.0	1.0	.	1.9
TN07-754	1.0	1.0	2.0	1.0	1.0	.	1.2
TN09-008	1.0	1.3	3.0	1.0	1.0	.	1.5
V06-0245	1.0	1.0	3.3	1.0	1.0	.	1.5
V07-9330	1.0	1.0	3.2	1.0	1.0	.	1.4
Mean	1.4	2.1	2.9	1.0	1.0	.	.

TABLE 43 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

West

STRAIN/ VARIETY	*Bossier City, LA*	*McCune, KS*	*Pittsburg, KS*	*Area Mean*
AG 5606	1.2	1.3	1.0	1.2
AG 5632RR2Y	1.0	1.0	1.0	1.0
5002T	1.0	1.0	1.0	1.0
OSAGE	1.0	1.0	1.0	1.0
JTN-5203	1.0	1.0	1.0	1.0
AG 5332RR2Y	1.0	1.0	1.0	1.0
AG 5831RR2Y	1.0	1.0	1.0	1.0
CM4022	3.3	2.0	1.0	1.9
DB03-8416	1.0	1.7	1.0	1.2
DB05x023-26	1.0	1.0	1.0	1.0
DB05x039-5	2.7	2.3	1.0	2.0
DB05x039-36	1.3	2.7	1.0	1.7
JTN-4307	1.2	1.7	1.3	1.4
JTN-4408	1.0	1.0	1.0	1.0
JTN-5108	1.2	1.7	1.0	1.3
JTN-5110	1.0	1.0	1.0	1.0
K09-5546	1.0	1.0	1.0	1.0
N02-417	1.0	1.3	1.0	1.1
N07-14221	1.0	1.7	1.0	1.2
N08-147	1.2	1.3	1.0	1.2
N09-13659	1.2	1.0	1.0	1.1
NCC06-2188	1.2	1.0	1.0	1.1
NCC06-579	1.2	2.0	1.0	1.4
NCC07-1148R	1.0	1.3	1.0	1.1
NCC07-7506	1.2	1.3	1.0	1.2
NCC07-7714	1.0	1.0	1.0	1.0
R05-374	1.2	2.0	1.0	1.4
R07-1826	1.8	1.7	1.0	1.5
R07-1857	1.0	1.0	1.0	1.0
R07-6654	1.0	2.0	1.0	1.3
R08-47	1.0	1.0	1.0	1.0
S07-2680	1.0	1.0	1.0	1.0
S08-9727	1.5	1.0	1.0	1.2
S08-9936	1.0	1.0	1.0	1.0
S08-17361	1.3	1.0	1.0	1.1
S09-14199	1.3	2.0	1.0	1.4
TN07-754	1.0	1.0	1.0	1.0
TN09-008	1.0	1.0	1.0	1.0
V06-0245	1.0	1.7	1.0	1.2
V07-9330	1.0	1.0	1.0	1.0
Mean	1.2	1.3	1.0	.

TABLE 44 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

South

STRAIN/ VARIETY	Belle Mina, AL	Jackson, TN	Milan, TN	Orange, VA	Springfield, TN	Starkville, MS	Area Mean
AG 5606	.	1.7	.	1.0	.	.	1.3
AG 5632RR2Y	.	1.3	.	1.0	.	.	1.2
5002T	.	1.7	.	1.0	.	.	1.3
OSAGE	.	1.0	.	1.0	.	.	1.0
JTN-5203	.	1.3	.	1.0	.	.	1.2
AG 5332RR2Y	.	1.7	.	1.0	.	.	1.3
AG 5831RR2Y	.	2.0	.	1.0	.	.	1.5
CM4022	.	1.7	.	1.0	.	.	1.3
DB03-8416	.	1.3	.	1.0	.	.	1.2
DB05x023-26	.	1.3	.	1.0	.	.	1.2
DB05x039-5	.	1.0	.	1.0	.	.	1.0
DB05x039-36	.	1.0	.	1.0	.	.	1.0
JTN-4307	.	1.0	.	1.0	.	.	1.0
JTN-4408	.	1.0	.	1.0	.	.	1.0
JTN-5108	.	1.0	.	1.0	.	.	1.0
JTN-5110	.	2.0	.	1.0	.	.	1.5
K09-5546	.	1.3	.	1.0	.	.	1.2
N02-417	.	1.7	.	1.0	.	.	1.3
N07-14221	.	2.0	.	1.0	.	.	1.5
N08-147	.	2.0	.	1.0	.	.	1.5
N09-13659	.	1.3	.	1.0	.	.	1.2
NCC06-2188	.	1.7	.	1.0	.	.	1.3
NCC06-579	.	2.3	.	1.0	.	.	1.7
NCC07-1148R	.	2.0	.	1.0	.	.	1.5
NCC07-7506	.	1.7	.	1.0	.	.	1.3
NCC07-7714	.	1.0	.	1.0	.	.	1.0
R05-374	.	1.7	.	1.0	.	.	1.3
R07-1826	.	1.0	.	1.0	.	.	1.0
R07-1857	.	1.0	.	1.0	.	.	1.0
R07-6654	.	1.3	.	1.0	.	.	1.2
R08-47	.	1.0	.	1.0	.	.	1.0
S07-2680	.	1.7	.	1.0	.	.	1.3
S08-9727	.	1.3	.	1.0	.	.	1.2
S08-9936	.	1.7	.	1.0	.	.	1.3
S08-17361	.	1.7	.	1.0	.	.	1.3
S09-14199	.	1.3	.	1.0	.	.	1.2
TN07-754	.	1.3	.	1.0	.	.	1.2
TN09-008	.	1.3	.	1.0	.	.	1.2
V06-0245	.	1.0	.	1.0	.	.	1.0
V07-9330	.	1.3	.	1.0	.	.	1.2
Mean	.	1.4	.	1.0	.	.	.

TABLE 44 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

East

STRAIN/ VARIETY	Kinston, NC(A)	Petersburg, VA	Plymouth, NC(B)	Suffolk, VA	Warsaw, VA	Area Mean
AG 5606	.	1.5	1.0	1.7	1.5	1.4
AG 5632RR2Y	.	1.3	1.0	1.0	1.4	1.2
5002T	.	1.3	1.2	3.0	1.6	1.8
OSAGE	.	1.3	1.0	1.3	1.9	1.4
JTN-5203	.	1.7	1.5	1.3	2.1	1.6
AG 5332RR2Y	.	1.8	1.3	1.0	1.7	1.5
AG 5831RR2Y	.	1.2	1.3	1.3	1.2	1.3
CM4022	.	1.7	1.0	1.0	1.3	1.2
DB03-8416	.	1.2	1.5	1.0	1.4	1.3
DB05x023-26	.	1.2	1.0	2.0	1.3	1.4
DB05x039-5	.	1.5	1.0	1.3	1.3	1.3
DB05x039-36	.	1.5	1.0	1.3	1.2	1.3
JTN-4307	.	1.3	1.0	2.0	1.2	1.4
JTN-4408	.	1.5	1.0	1.7	1.2	1.3
JTN-5108	.	1.3	1.2	1.3	1.6	1.4
JTN-5110	.	1.5	1.0	2.0	1.3	1.5
K09-5546	.	1.5	1.0	1.7	1.2	1.4
N02-417	.	1.7	1.3	1.0	1.4	1.4
N07-14221	.	1.5	1.0	1.0	1.3	1.2
N08-147	.	1.5	1.0	1.0	1.3	1.2
N09-13659	.	1.5	1.0	1.0	1.3	1.2
NCC06-2188	.	1.5	1.0	1.0	1.2	1.2
NCC06-579	.	1.2	1.0	1.0	1.3	1.1
NCC07-1148R	.	1.5	1.0	1.7	1.7	1.5
NCC07-7506	.	1.5	1.0	1.3	1.2	1.3
NCC07-7714	.	1.5	1.0	1.3	1.7	1.4
R05-374	.	1.5	1.0	1.0	1.5	1.3
R07-1826	.	1.3	1.0	1.0	1.2	1.1
R07-1857	.	1.5	1.3	1.3	1.4	1.4
R07-6654	.	1.3	1.0	1.0	1.1	1.1
R08-47	.	1.5	1.0	1.0	1.3	1.2
S07-2680	.	1.3	1.0	1.0	1.4	1.2
S08-9727	.	1.5	1.5	1.3	1.8	1.5
S08-9936	.	1.5	1.5	1.7	2.1	1.7
S08-17361	.	1.5	1.3	2.0	1.6	1.6
S09-14199	.	1.7	1.0	1.7	1.5	1.5
TN07-754	.	1.5	1.0	1.0	1.3	1.2
TN09-008	.	1.5	1.0	2.0	1.1	1.4
V06-0245	.	1.3	1.0	1.0	1.4	1.2
V07-9330	.	1.5	1.2	2.0	1.3	1.5
Mean	.	1.5	1.1	1.4	1.4	.

TABLE 44 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

South

STRAIN/ VARIETY	Belle Mina, AL	Jackson, TN	Milan, TN	Orange, VA	Springfield, TN	Starkville, MS	Area Mean
AG 5606	.	1.7	.	1.0	.	.	1.3
AG 5632RR2Y	.	1.3	.	1.0	.	.	1.2
5002T	.	1.7	.	1.0	.	.	1.3
OSAGE	.	1.0	.	1.0	.	.	1.0
JTN-5203	.	1.3	.	1.0	.	.	1.2
AG 5332RR2Y	.	1.7	.	1.0	.	.	1.3
AG 5831RR2Y	.	2.0	.	1.0	.	.	1.5
CM4022	.	1.7	.	1.0	.	.	1.3
DB03-8416	.	1.3	.	1.0	.	.	1.2
DB05x023-26	.	1.3	.	1.0	.	.	1.2
DB05x039-5	.	1.0	.	1.0	.	.	1.0
DB05x039-36	.	1.0	.	1.0	.	.	1.0
JTN-4307	.	1.0	.	1.0	.	.	1.0
JTN-4408	.	1.0	.	1.0	.	.	1.0
JTN-5108	.	1.0	.	1.0	.	.	1.0
JTN-5110	.	2.0	.	1.0	.	.	1.5
K09-5546	.	1.3	.	1.0	.	.	1.2
N02-417	.	1.7	.	1.0	.	.	1.3
N07-14221	.	2.0	.	1.0	.	.	1.5
N08-147	.	2.0	.	1.0	.	.	1.5
N09-13659	.	1.3	.	1.0	.	.	1.2
NCC06-2188	.	1.7	.	1.0	.	.	1.3
NCC06-579	.	2.3	.	1.0	.	.	1.7
NCC07-1148R	.	2.0	.	1.0	.	.	1.5
NCC07-7506	.	1.7	.	1.0	.	.	1.3
NCC07-7714	.	1.0	.	1.0	.	.	1.0
R05-374	.	1.7	.	1.0	.	.	1.3
R07-1826	.	1.0	.	1.0	.	.	1.0
R07-1857	.	1.0	.	1.0	.	.	1.0
R07-6654	.	1.3	.	1.0	.	.	1.2
R08-47	.	1.0	.	1.0	.	.	1.0
S07-2680	.	1.7	.	1.0	.	.	1.3
S08-9727	.	1.3	.	1.0	.	.	1.2
S08-9936	.	1.7	.	1.0	.	.	1.3
S08-17361	.	1.7	.	1.0	.	.	1.3
S09-14199	.	1.3	.	1.0	.	.	1.2
TN07-754	.	1.3	.	1.0	.	.	1.2
TN09-008	.	1.3	.	1.0	.	.	1.2
V06-0245	.	1.0	.	1.0	.	.	1.0
V07-9330	.	1.3	.	1.0	.	.	1.2
Mean	.	1.4	.	1.0	.	.	.

TABLE 44 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2012

West

STRAIN/ VARIETY	*Bossier City, LA*	*McCune, KS*	*Pittsburg, KS*	*Area Mean*
AG 5606	2.0	2.0	1.0	1.7
AG 5632RR2Y	2.0	1.0	2.0	1.7
5002T	1.2	1.0	1.0	1.1
OSAGE	1.0	2.0	2.0	1.7
JTN-5203	1.0	2.0	2.0	1.7
AG 5332RR2Y	2.0	1.0	2.0	1.7
AG 5831RR2Y	1.0	1.0	1.0	1.0
CM4022	1.0	2.0	2.0	1.7
DB03-8416	1.0	2.0	2.0	1.7
DB05x023-26	2.0	1.0	1.0	1.3
DB05x039-5	1.0	1.0	2.0	1.3
DB05x039-36	1.0	1.0	2.0	1.3
JTN-4307	1.0	1.0	1.0	1.0
JTN-4408	2.0	2.0	1.0	1.7
JTN-5108	1.0	1.0	1.0	1.0
JTN-5110	2.0	1.0	1.0	1.3
K09-5546	1.2	2.0	2.0	1.7
N02-417	1.0	1.0	1.0	1.0
N07-14221	1.0	1.0	1.0	1.0
N08-147	1.0	1.0	2.0	1.3
N09-13659	1.0	1.0	2.0	1.3
NCC06-2188	1.0	1.0	2.0	1.3
NCC06-579	1.0	1.0	1.0	1.0
NCC07-1148R	1.0	1.0	2.0	1.3
NCC07-7506	1.0	2.0	2.0	1.7
NCC07-7714	2.0	2.0	1.0	1.7
R05-374	2.0	1.0	1.0	1.3
R07-1826	1.0	1.0	2.0	1.3
R07-1857	1.0	2.0	2.0	1.7
R07-6654	1.0	1.0	1.0	1.0
R08-47	1.0	1.0	2.0	1.3
S07-2680	1.7	1.0	1.0	1.2
S08-9727	2.0	1.0	2.0	1.7
S08-9936	1.7	1.0	1.0	1.2
S08-17361	1.7	1.0	2.0	1.6
S09-14199	1.0	2.0	2.0	1.7
TN07-754	2.0	1.0	2.0	1.7
TN09-008	1.0	1.0	2.0	1.3
V06-0245	1.3	1.0	2.0	1.4
V07-9330	2.0	1.0	2.0	1.7
Mean	1.3	1.3	1.6	.

INTENTIONALLY BLANK

TABLE 45 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2012

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	AG 5606	Commercial check		
2	AG 5632RR2Y	Commercial check		
3	5002T	Holladay X Manokin		
4	OSAGE	Hartz 5545 x KS4895		
5	JTN-5203	R93-171 x Anand	F13	SCN, FLS
6	AG 5332RR2Y	Commercial check		
7	AG 5831RR2Y	Commercial check		
8	DS5-2675	Williams82 x Ankur	F5	Rust (50% exotic pedigree)
9	K10-1214	KS5502N/K07-91		
10	K10-1222	KS5502N/K07-91		
11	K10-4263	DS4-SCN05/KS5004N		
12	K10-4308	DS4-SCN05/KS5004N		
13	K10-4527	KS5502N/KS5004N		
14	N06-523	N99-510 X G98-1053		
15	N07-14288	Hutch x N98-7833 (480 AKA PI407948)	F4	(25% exotic pedigree)
16	N07-14443	Graham x N01-11977 (from LG93-8169)	F4	(25% exotic pedigree)
17	N08-93	N99-186 X TN99-117		
18	N08-174	N99-186 X TN99-117		
19	N09-13257	N98-6384xN7003CN	F4	
20	NCC08-205			
21	NCC08-208			
22	NCC08-247			
23	NCC09-200719-1-2			
24	NCC09-200719-1-37			
25	NLM09-77	N6202 X G98SF114.		
26	NMS4-19-243	N7103 x Soja PI 366122	F4	
27	NMS4-6-10	N7103 x Soja PI 366122	F4	
28	R08-107	BA 743303 x R00-684	F4	
29	R08-2776	V98-2711 x R00-2097	F4	
30	R08-3119	PI 612750 x R01-4787	F4	
31	R09-1607RR	5601T x R04-1250RR	F3	
32	R09-1827RR	UA 4805 x R01-4747RR	F4	
33	R09-5225	5601T x Ozark	F5	
34	S08-9947	R00-1194F X S03-383RR		SCN
35	S09-6201	S04-20912RR x S05-4630RR	F5	
36	S10-10821	S04-8882 X S05-11968	F5	SCN,CONV
37	S10-4948	S04-11746 X RR2-12996	F5	
38	S10-5310	S06-12224 X RR2-12996	F5	
39	TN09- 46,989	TN02-226 × MON RR2Y		
40	TN11-5053	HUTCHESON / TN89-39		
41	TN11-5062	HOLLADAY / MANOKIN		
42	TN11-5104	HUTCHESON / TN89-39		
43	TN11-5118	HUTCHESON / TN89-39		
44	TX12-06	V99-1685 x R01-3474f	F5	
45	TX12-09	V99-1685 x R01-3474f	F5	
46	TX12-10	V99-1685 x R01-3474f	F5	
47	V08-0136	99VPI-67 x S00-9925-10	F4	Det.
48	V08-1909	S00-9925-10 x S00-9985-03	F4	Det.
49	V08-1924	S00-9925-10 x S00-9985-03	F4	Det.
50	V08-2377	G98-1053 x V00-7339	F4	Det.
51	V08-2412	DT99-17400 x Teejay	F4	Det.
52	V08-2455	DT99-17400 x Teejay	F4	Det.
53	VS22-450	IAC100 X Akiyoshi	F8	(50% exotic pedigree)
54	VS22-460	VS95-49 X VS95-47	F8	

TABLE 46 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY GROWN IN PRELIMINARY TEST V FOR YEAR 2012

STRAIN/ VARIETY	SEED YIELD	RANK	AVG. RANK	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SIZE	% PROTEIN	% OIL	HG TYPE 1.2.5.7 Race 2	HG TYPE 5.7 Race 3	HG TYPE 2.5.7 Race 5	SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR
AG 5606	56.6	12	20	0	2.0	36	1.5	15.6	40.3	22.0	5	2	5		.	W	T	T
AG 5632RR2Y	55.4	19	24	1	1.6	34	1.5	13.6	40.3	21.9	5	3	5		.	W	G	T
5002T	55.3	20	26	-5	1.5	28	1.8	15.0	40.9	22.5	5	5	5		.	W	T	T
OSAGE	55.2	21	25	-3	1.5	28	1.4	12.9	43.4	20.9	5	5	5		.	P	G	T
JTN-5203	58.7	5	19	-4	1.6	29	1.6	13.6	40.8	22.2	2	4	3		.	W	G	T
AG 5332RR2Y	60.7	2	10	-2	2.1	37	1.9	15.3	41.3	21.8	5	3	5		.	P	T	T
AG 5831RR2Y	52.5	37	32	0	1.5	28	1.5	14.7	40.2	20.9	5	5	5		.	P	T	T
DS5-2675	38.1	54	52	2	2.4	33	1.5	16.1	42.2	21.2	5	5	5		.	W	T	T
K10-1214	50.0	43	38	-5	1.9	31	1.7	11.2	39.9	21.0	1	1	1		.	W	G	T
K10-1222	50.0	44	36	-5	1.4	27	1.8	13.2	38.3	22.6	1	1	1		.	W	G	T
K10-4263	53.3	32	27	-3	1.6	28	1.5	12.5	41.1	22.2	4	2	5		.	W	S	S
K10-4308	51.2	40	35	-5	1.9	32	1.6	11.3	40.3	22.6	4	2	5		.	W	G	S
K10-4527	52.3	38	32	-6	1.5	29	1.4	12.0	39.4	23.0	1	1	2		.	S	G	BR
N06-523	53.3	30	28	0	2.2	34	1.6	13.3	40.5	21.6	5	5	5		.	W	T	T
N07-14288	51.0	41	33	-2	1.9	29	1.6	14.4	40.6	22.0	5	5	4		.	P	G	T
N07-14443	51.9	39	30	-3	2.1	31	1.5	13.2	40.1	22.8	5	5	5		.	P	G	BR
N08-93	56.1	15	21	0	2.0	27	1.6	14.1	40.4	21.9	5	5	5		.	P	G	T
N08-174	53.3	31	28	5	1.9	29	1.8	15.0	40.1	21.6	5	5	5		.	P	T	T
N09-13257	49.9	45	33	6	1.9	32	1.7	12.7	38.8	22.2	5	1	5		.	P	G	T
NCC08-205	54.8	25	24	-3	1.5	28	1.3	14.7	40.6	22.6	5	5	5		.	S	T	T
NCC08-208	58.4	8	13	-4	2.5	31	1.6	15.1	39.7	22.9	5	5	5		.	P	T	T
NCC08-247	53.7	28	24	-4	2.0	28	1.5	13.6	39.6	23.6	5	5	5		.	W	T	T
NCC09-200719-1-2	58.4	7	14	-2	1.4	30	1.6	13.9	40.3	21.7	5	5	5		.	P	T	T
NCC09-200719-1-37	59.3	4	11	-3	1.9	29	1.8	13.0	39.5	21.6	5	5	5		.	P	G	T
NLM09-77	50.5	42	37	4	2.2	33	1.6	19.5	45.5	20.4	5	5	5		.	P	T	T
NMS4-19-243	46.8	50	43	0	2.7	34	2.2	10.8	44.5	19.9	5	5	5		.	W	G	BR
NMS4-6-10	49.6	47	37	-4	1.9	31	1.7	13.1	40.8	21.2	5	4	5		.	W	T	T
R08-107	59.7	3	12	0	2.4	35	1.7	15.4	41.7	22.6	5	5	5		.	S	G	T
R08-2776	53.1	34	29	1	1.9	27	1.5	13.5	42.3	20.9	5	5	5		.	P	LT	T
R08-3119	55.0	23	25	1	2.3	32	1.6	12.8	39.8	21.5	5	5	5		.	W	G	T
R09-1607RR	55.4	18	23	1	2.1	34	1.5	13.8	41.2	21.7	5	5	5		.	P	G	T
R09-1827RR	56.9	11	18	0	2.3	34	1.7	13.0	42.0	20.8	5	4	5		.	S	G	T
R09-5225	54.1	27	27	-3	2.0	33	1.6	14.9	40.2	22.0	5	5	5		.	W	G	T
S08-9947	56.0	17	22	-2	2.0	38	2.0	16.2	43.0	21.7	5	4	5		.	W	LT	T
S09-6201	57.7	10	17	-3	1.8	36	1.8	16.4	42.4	21.3	5	5	5		.	W	G	T
S10-10821	56.5	13	22	-3	2.1	38	1.7	14.7	40.1	21.5	5	4	5		.	W	T	T
S10-4948	52.9	35	27	-1	2.3	43	1.7	13.2	41.4	21.2	4	5	5		.	W	T	T
S10-5310	56.4	14	20	0	1.7	33	1.5	16.2	41.6	21.2	3	4	5		.	W	T	T
TN09- 46,989	48.3	48	42	-2	1.7	33	1.8	14.0	41.6	21.1	4	5	5		.	P	T	T
TN11-5053	55.2	22	24	0	1.8	33	1.7	14.4	42.3	21.2	5	5	5		.	W	G	T
TN11-5062	57.8	9	18	-4	1.7	28	2.0	14.7	40.5	22.5	5	5	5		.	W	T	T
TN11-5104	56.1	16	21	-1	1.8	32	1.4	14.0	42.0	21.3	5	5	5		.	W	G	T
TN11-5118	53.2	33	31	-1	1.9	33	1.7	13.9	42.2	21.5	5	5	5		.	W	G	T
TX12-06	43.9	53	49	2	3.1	37	1.9	13.4	42.5	21.6	5	4	5		.	S	G	T
TX12-09	45.0	52	49	2	3.0	37	1.8	13.1	43.2	20.2	5	5	5		.	S	G	T
TX12-10	47.7	49	42	3	2.8	34	1.7	13.1	42.4	21.2	5	5	5		.	S	G	T
V08-0136	54.2	26	27	0	1.8	27	1.5	13.3	39.8	22.4	5	5	5		.	W	G	T
V08-1909	58.5	6	16	-3	2.4	32	1.6	16.3	39.3	23.0	2	5	1		.	W	T	T
V08-1924	60.9	1	12	0	2.8	32	1.6	14.6	39.8	22.7	2	5	1		.	W	T	T
V08-2377	52.7	36	31	1	2.5	31	1.4	12.4	42.6	20.4	5	5	5		.	P	G	T
V08-2412	53.6	29	27	-1	1.6	32	1.6	16.0	41.0	21.9	5	5	5		.	P	T	T
V08-2455	54.8	24	25	-1	2.1	34	1.5	16.6	40.8	22.2	5	5	5		.	P	T	T
VS22-450	49.9	46	35	6	2.0	32	1.6	14.2	40.5	21.7	5	5	5		.	P	G	T
VS22-460	45.5	51	47	5	2.3	33	1.7	15.6	42.7	21.1	5	5	4		.	W	G	T
Mean	53.5	.	.	-1	2.0	32	1.6	14.1	41.1	21.7	.	.	.		.			
LSD(0.05)	4.8	.	.	2	.	3	0.4	1.0	0.7	0.5	.	.	.		.			
CV(%)	12.2	.	.	-337	.	13	29.5	7.4	1.8	2.2	.	.	.		.			

TABLE 47 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Kinston, NC(A)	McCune, KS	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	46.8	76.0	46.2	43.5	50.8	22.7	61.8	66.2	64.4	75.0	63.7	56.6
AG 5632RR2Y	46.2	67.2	46.5	44.3	41.1	32.2	53.7	58.5	63.4	67.8	74.5	55.4
5002T	44.2	84.3	37.0	44.2	37.2	20.4	59.0	65.4	67.6	70.5	64.7	55.3
OSAGE	43.7	76.9	39.9	43.0	50.9	19.7	56.4	69.1	53.0	79.2	71.0	55.2
JTN-5203	57.2	84.7	32.0	47.9	34.9	41.9	54.2	65.6	63.2	72.4	67.5	58.7
AG 5332RR2Y	53.3	79.0	45.0	55.3	31.3	27.2	66.2	82.8	49.3	74.8	74.8	60.7
AG 5831RR2Y	50.4	73.1	40.1	40.0	46.4	13.8	48.4	64.9	69.2	70.2	56.3	52.5
DS5-2675	38.2	47.6	33.5	26.0	37.6	9.6	42.7	45.6	34.6	44.1	59.6	38.1
K10-1214	42.5	60.3	36.5	46.2	40.1	37.3	55.6	57.4	48.6	58.5	57.1	50.0
K10-1222	42.2	63.4	38.4	48.8	46.4	39.3	54.1	57.3	35.1	60.1	61.2	50.0
K10-4263	40.9	75.6	37.7	49.7	39.7	33.9	56.8	68.8	35.4	64.4	69.7	53.3
K10-4308	41.3	71.1	30.1	40.6	43.0	27.8	50.7	71.0	49.5	61.9	68.4	51.2
K10-4527	46.0	73.4	35.0	53.2	45.9	34.9	50.2	60.4	42.3	62.8	66.0	52.3
N06-523	50.1	65.3	43.7	39.5	43.7	28.0	50.8	65.0	50.8	72.5	67.7	53.3
N07-14288	45.8	61.0	42.1	44.8	55.0	21.2	61.0	58.4	47.0	63.7	65.4	51.0
N07-14443	24.5	68.2	38.9	48.1	43.0	21.8	62.5	67.3	56.1	66.8	64.7	51.9
N08-93	47.7	67.6	44.5	42.6	38.8	19.0	64.3	66.0	62.7	74.0	73.3	56.1
N08-174	48.7	62.8	50.9	42.1	47.9	15.3	55.1	65.8	54.9	61.5	76.1	53.3
N09-13257	43.0	53.7	40.9	42.1	54.9	30.6	59.8	59.8	32.0	68.3	68.7	49.9
NCC08-205	54.1	80.2	42.8	46.3	42.6	24.1	62.7	61.3	46.8	65.6	64.1	54.8
NCC08-208	48.6	72.3	45.8	49.3	41.7	28.5	60.5	73.2	57.8	73.6	73.9	58.4
NCC08-247	49.2	56.8	43.5	49.2	45.1	23.3	64.6	72.6	58.5	62.9	56.9	53.7
NCC09-200719-1-2	52.6	81.0	42.5	48.0	42.4	28.6	64.9	68.3	59.7	73.3	64.9	58.4
NCC09-200719-1-37	49.9	80.8	46.5	47.3	49.3	24.5	63.7	73.8	61.3	77.1	68.6	59.3
NLM09-77	43.4	69.1	36.8	45.6	50.9	16.8	54.8	62.3	46.9	68.9	60.4	50.5
NMS4-19-243	46.4	62.1	32.3	37.5	37.0	20.0	50.8	52.6	46.6	70.7	49.1	46.8
NMS4-6-10	45.9	58.6	41.2	44.9	35.0	19.0	49.3	60.1	51.4	59.3	66.9	49.6
R08-107	53.6	78.0	39.1	54.1	55.9	27.6	55.7	74.8	57.0	77.9	79.5	59.7
R08-2776	47.0	71.5	40.8	43.4	44.4	16.5	56.5	70.9	54.7	63.2	66.8	53.1
R08-3119	45.0	69.2	36.7	44.9	48.6	23.2	65.5	70.6	56.7	75.9	62.8	55.0
R09-1607RR	48.8	76.6	39.8	41.5	49.2	27.1	59.2	66.2	52.5	68.0	75.0	55.4
R09-1827RR	48.8	74.2	38.7	49.2	39.1	24.0	58.0	71.9	62.3	68.6	73.2	56.9
R09-5225	46.6	74.0	36.6	44.5	42.2	21.7	58.2	61.9	63.8	63.6	70.6	54.1
S08-9947	44.9	70.7	36.7	52.1	36.9	26.8	55.2	70.8	59.5	72.9	70.9	56.0
S09-6201	44.1	78.2	42.4	49.6	44.2	27.2	62.2	69.0	51.6	80.4	72.2	57.7
S10-10821	44.4	75.3	38.5	45.9	38.4	30.4	55.6	71.4	67.4	73.2	63.0	56.5
S10-4948	47.6	66.0	41.3	50.4	53.3	26.1	47.1	69.0	53.7	70.7	57.1	52.9
S10-5310	48.7	74.5	45.7	48.3	46.7	27.5	55.7	63.7	63.2	70.1	66.3	56.4
TN09- 46,989	32.3	67.4	37.8	34.8	50.6	20.2	53.5	61.3	53.8	66.0	56.0	48.3
TN11-5053	48.5	78.9	37.4	43.7	38.9	28.1	58.3	67.8	54.4	67.9	66.7	55.2
TN11-5062	50.2	81.2	34.3	42.6	47.2	25.6	57.5	72.1	71.3	71.5	72.0	57.8
TN11-5104	44.7	78.8	39.6	46.9	39.9	24.0	55.5	71.7	58.6	73.7	67.6	56.1
TN11-5118	45.6	78.4	35.9	41.6	37.7	23.2	57.6	66.8	54.3	69.2	59.5	53.2
TX12-06	38.7	52.7	35.1	39.2	39.7	12.7	51.7	57.5	43.4	53.3	54.8	43.9
TX12-09	39.9	60.2	32.0	36.5	48.2	16.6	52.5	53.0	41.3	61.8	56.9	45.0
TX12-10	45.6	54.3	37.2	40.1	43.8	15.2	53.4	62.1	42.8	70.0	55.9	47.7
V08-0136	52.7	70.3	39.8	41.1	59.6	23.9	60.5	61.4	57.5	68.5	65.7	54.2
V08-1909	44.2	78.5	47.9	46.8	55.0	39.4	59.9	71.2	61.3	74.5	61.8	58.5
V08-1924	41.3	85.7	45.0	52.7	53.7	39.7	66.1	74.2	58.8	79.7	65.8	60.9
V08-2377	36.1	63.0	42.0	45.0	37.3	21.9	53.3	65.7	53.0	81.9	63.4	52.7
V08-2412	46.6	72.2	32.9	49.3	50.0	20.7	55.4	67.6	48.6	71.2	72.1	53.6
V08-2455	43.1	70.7	43.2	43.6	39.7	23.2	59.9	61.0	63.1	71.2	70.0	54.8
VS22-450	34.2	49.8	48.1	42.1	46.1	19.6	51.9	61.4	49.5	67.4	74.7	49.9
VS22-460	34.9	60.0	37.9	34.4	50.3	12.6	53.3	55.9	44.1	58.1	63.9	45.5
Mean	45.2	70.0	39.9	44.7	44.6	24.5	56.7	65.4	53.8	68.7	65.9	53.5
LSD(0.05)	11.5	12.0	11.0	6.2	16.6	4.8	10.7	8.0	9.8	7.9	15.7	4.8
CV(%)	12.7	8.2	13.6	7.0	18.5	9.8	9.4	6.1	9.1	5.8	11.9	12.2

TABLE 48 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Kinston, NC(A)	McCune, KS	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	22.1	.	23.0	.	22.5	19.6	22.6	22.1	22.1	.	22.3	22.0
AG 5632RR2Y	22.4	.	23.0	.	22.2	20.4	21.8	21.9	21.7	.	21.6	21.9
5002T	23.2	.	22.3	.	23.0	19.9	22.9	23.0	23.8	.	21.9	22.5
OSAGE	20.9	.	21.9	.	21.3	19.4	21.0	21.1	21.0	.	20.8	20.9
JTN-5203	22.3	.	22.3	.	22.8	21.6	22.1	22.4	21.9	.	21.9	22.2
AG 5332RR2Y	22.3	.	22.7	.	22.1	21.3	21.4	21.1	21.9	.	21.6	21.8
AG 5831RR2Y	20.9	.	22.1	.	21.5	18.7	20.9	20.7	21.5	.	20.9	20.9
DS5-2675	21.5	.	23.1	.	21.6	17.2	22.3	20.8	21.5	.	21.6	21.2
K10-1214	21.3	.	21.1	.	21.7	20.3	21.1	20.8	21.0	.	20.5	21.0
K10-1222	23.3	.	22.9	.	23.1	22.1	22.8	22.2	23.2	.	21.4	22.6
K10-4263	22.2	.	22.5	.	23.0	20.9	22.3	22.4	22.7	.	21.8	22.2
K10-4308	23.0	.	23.5	.	23.6	20.7	23.0	22.6	22.8	.	21.8	22.6
K10-4527	23.4	.	23.5	.	23.7	22.2	23.1	22.7	22.9	.	22.5	23.0
N06-523	22.0	.	22.9	.	21.9	19.2	21.9	21.5	21.9	.	21.3	21.6
N07-14288	22.4	.	23.1	.	22.6	20.2	22.0	22.3	21.9	.	21.8	22.0
N07-14443	23.2	.	23.7	.	22.9	21.3	22.7	22.9	23.0	.	22.4	22.8
N08-93	21.8	.	23.2	.	22.6	19.6	21.9	22.1	21.8	.	22.0	21.9
N08-174	22.1	.	23.0	.	22.3	19.3	22.1	20.7	22.2	.	21.3	21.6
N09-13257	22.2	.	22.7	.	22.4	20.6	22.2	22.2	22.5	.	22.7	22.2
NCC08-205	22.9	.	23.4	.	23.0	21.1	22.9	22.8	23.0	.	22.1	22.6
NCC08-208	23.1	.	24.1	.	23.5	20.6	23.1	23.3	23.0	.	22.5	22.9
NCC08-247	24.5	.	24.2	.	24.1	21.1	24.0	24.1	23.8	.	23.4	23.6
NCC09-200719-1-2	21.8	.	23.1	.	22.0	19.5	22.1	21.5	22.0	.	21.6	21.7
NCC09-200719-1-37	21.8	.	22.7	.	22.2	19.6	21.5	21.5	22.0	.	21.6	21.6
NLM09-77	20.5	.	21.7	.	21.2	18.1	21.2	20.9	19.1	.	20.6	20.4
NMS4-19-243	20.0	.	20.3	.	20.1	19.2	20.3	19.7	19.6	.	20.3	19.9
NMS4-6-10	21.3	.	22.2	.	21.7	19.7	21.1	21.4	21.5	.	20.6	21.2
R08-107	23.7	.	23.7	.	23.1	20.3	22.3	23.0	22.4	.	22.5	22.6
R08-2776	21.2	.	22.1	.	21.4	18.9	20.8	20.8	21.5	.	20.3	20.9
R08-3119	22.0	.	22.2	.	21.4	19.5	21.3	22.1	22.1	.	21.1	21.5
R09-1607RR	22.0	.	23.5	.	22.3	19.6	22.1	21.4	21.0	.	21.7	21.7
R09-1827RR	21.3	.	20.8	.	21.6	19.2	21.1	21.3	20.3	.	20.9	20.8
R09-5225	21.5	.	23.7	.	22.1	20.1	22.6	21.9	22.8	.	21.3	22.0
S08-9947	22.4	.	21.5	.	21.9	20.0	21.8	21.7	22.4	.	21.6	21.7
S09-6201	21.8	.	21.1	.	21.9	19.8	21.5	21.5	21.0	.	21.4	21.3
S10-10821	22.3	.	22.4	.	22.1	19.4	21.5	21.2	22.1	.	21.1	21.5
S10-4948	21.2	.	22.4	.	21.6	18.4	21.0	21.1	22.1	.	21.5	21.2
S10-5310	20.9	.	22.1	.	21.8	20.1	21.7	21.5	20.5	.	21.3	21.2
TN09- 46,989	21.0	.	22.5	.	22.2	19.0	21.3	21.1	20.5	.	21.6	21.1
TN11-5053	21.2	.	22.7	.	21.7	18.9	21.6	21.5	21.4	.	20.9	21.2
TN11-5062	22.8	.	23.3	.	22.8	20.0	22.8	22.7	23.3	.	22.1	22.5
TN11-5104	22.0	.	21.6	.	22.0	18.8	21.7	21.7	21.8	.	20.9	21.3
TN11-5118	21.4	.	22.6	.	22.4	19.2	22.0	21.6	21.5	.	21.2	21.5
TX12-06	21.5	.	22.9	.	22.1	19.4	22.2	21.7	21.2	.	21.5	21.6
TX12-09	20.0	.	22.0	.	20.5	17.6	20.4	20.7	20.0	.	20.6	20.2
TX12-10	20.5	.	22.3	.	21.3	19.2	21.0	20.6	23.8	.	20.6	21.2
V08-0136	22.5	.	23.2	.	23.2	20.0	22.6	22.6	23.2	.	22.1	22.4
V08-1909	23.5	.	23.2	.	23.4	21.3	23.3	23.0	23.0	.	23.2	23.0
V08-1924	22.9	.	23.4	.	23.0	21.4	22.7	22.7	22.6	.	22.6	22.7
V08-2377	20.3	.	21.6	.	20.9	18.6	20.8	20.9	19.7	.	20.5	20.4
V08-2412	22.0	.	23.7	.	22.5	19.8	21.9	21.9	21.7	.	21.9	21.9
V08-2455	22.5	.	23.1	.	22.3	20.5	22.6	22.3	22.3	.	22.2	22.2
VS22-450	22.1	.	23.1	.	21.7	20.0	21.8	21.4	21.6	.	21.9	21.7
VS22-460	21.0	.	22.0	.	21.6	18.7	21.4	21.7	20.9	.	21.7	21.1
Mean	22.0	.	22.6	.	22.2	19.8	21.9	21.8	21.9	.	21.6	.

TABLE 49 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Kinston, NC(A)	McCune, KS	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	42.6	.	41.0	.	39.6	39.5	39.6	40.8	40.5	.	39.2	40.3
AG 5632RR2Y	41.1	.	39.5	.	39.7	40.4	41.4	40.3	40.5	.	39.8	40.3
5002T	41.7	.	43.1	.	39.9	40.6	41.2	40.3	40.5	.	40.2	40.9
OSAGE	45.7	.	43.6	.	42.9	42.3	43.3	43.0	43.1	.	43.1	43.4
JTN-5203	41.6	.	42.7	.	39.1	40.0	40.9	40.3	41.5	.	40.0	40.8
AG 5332RR2Y	41.8	.	40.1	.	40.2	40.5	41.6	42.3	43.2	.	40.3	41.3
AG 5831RR2Y	41.4	.	39.9	.	39.6	40.4	39.8	41.3	39.9	.	39.0	40.2
DS5-2675	43.7	.	40.5	.	41.4	43.5	41.5	43.5	42.9	.	40.3	42.2
K10-1214	41.4	.	41.6	.	38.0	38.1	39.5	40.2	40.8	.	39.4	39.9
K10-1222	38.7	.	40.0	.	36.4	36.8	38.8	38.8	38.7	.	38.3	38.3
K10-4263	42.3	.	43.2	.	39.0	40.1	40.6	41.1	41.6	.	40.8	41.1
K10-4308	41.7	.	40.6	.	38.8	40.8	39.0	40.7	40.5	.	40.2	40.3
K10-4527	39.4	.	41.1	.	37.6	38.4	39.0	39.4	41.0	.	39.0	39.4
N06-523	42.7	.	39.6	.	39.4	40.5	39.3	41.5	40.4	.	40.4	40.5
N07-14288	42.8	.	39.8	.	39.5	39.6	40.3	40.7	41.4	.	40.6	40.6
N07-14443	40.4	.	39.7	.	39.6	40.0	40.4	39.7	41.0	.	40.0	40.1
N08-93	42.4	.	40.2	.	39.7	40.1	41.3	40.1	39.9	.	39.4	40.4
N08-174	41.6	.	38.8	.	38.8	40.1	39.1	43.5	39.1	.	39.5	40.1
N09-13257	40.2	.	38.9	.	36.6	38.6	38.4	39.6	39.7	.	38.0	38.8
NCC08-205	41.6	.	41.4	.	38.9	40.4	40.3	40.8	41.0	.	40.7	40.6
NCC08-208	41.6	.	38.8	.	38.7	39.0	40.2	39.8	39.6	.	39.7	39.7
NCC08-247	41.1	.	40.0	.	38.5	39.5	39.3	39.4	40.4	.	38.6	39.6
NCC09-200719-1-2	42.0	.	39.4	.	39.6	40.6	40.9	40.6	40.4	.	39.2	40.3
NCC09-200719-1-37	41.8	.	39.2	.	38.7	38.9	39.7	39.6	39.2	.	39.2	39.5
NLM09-77	46.6	.	44.5	.	45.2	45.4	44.0	44.8	47.8	.	45.3	45.5
NMS4-19-243	46.2	.	44.8	.	44.4	43.1	43.8	44.7	45.9	.	42.8	44.5
NMS4-6-10	42.0	.	41.0	.	39.4	40.3	40.5	41.7	41.3	.	40.6	40.8
R08-107	42.2	.	41.3	.	40.7	41.6	42.6	41.5	43.0	.	41.1	41.7
R08-2776	43.6	.	41.7	.	40.9	42.1	42.9	42.5	42.2	.	42.2	42.3
R08-3119	41.7	.	40.0	.	38.3	40.2	39.1	39.9	39.9	.	39.1	39.8
R09-1607RR	42.7	.	39.1	.	40.8	41.4	40.8	41.8	42.3	.	40.4	41.2
R09-1827RR	43.2	.	44.0	.	40.3	41.2	42.4	42.3	42.9	.	40.0	42.0
R09-5225	43.1	.	38.5	.	39.4	39.2	39.6	41.1	40.2	.	40.8	40.2
S08-9947	42.9	.	44.1	.	42.3	43.3	43.8	42.9	43.7	.	41.3	43.0
S09-6201	42.3	.	44.7	.	41.4	41.5	42.4	42.4	43.3	.	41.3	42.4
S10-10821	40.7	.	40.0	.	39.4	39.4	40.5	40.4	41.1	.	39.2	40.1
S10-4948	43.0	.	41.3	.	39.7	42.0	42.1	42.0	41.1	.	39.7	41.4
S10-5310	43.7	.	41.4	.	40.7	41.1	41.2	41.1	43.2	.	40.6	41.6
TN09- 46,989	44.2	.	41.5	.	39.3	41.7	40.6	42.0	43.3	.	40.2	41.6
TN11-5053	43.8	.	41.7	.	41.7	42.3	42.3	42.0	42.7	.	41.8	42.3
TN11-5062	42.6	.	39.5	.	39.8	40.0	40.4	40.7	41.6	.	39.7	40.5
TN11-5104	43.1	.	43.0	.	41.3	42.3	41.3	41.6	42.1	.	41.6	42.0
TN11-5118	44.1	.	42.1	.	40.8	42.4	41.0	42.2	42.8	.	42.4	42.2
TX12-06	44.3	.	41.8	.	41.7	41.3	42.0	43.2	43.2	.	42.5	42.5
TX12-09	44.8	.	41.7	.	41.9	43.7	42.9	43.5	44.0	.	43.3	43.2
TX12-10	44.1	.	41.4	.	40.8	42.4	43.2	43.1	41.4	.	43.0	42.4
V08-0136	41.1	.	39.9	.	38.2	40.0	39.5	40.6	39.7	.	39.7	39.8
V08-1909	39.6	.	40.6	.	38.2	39.0	39.4	39.8	39.8	.	38.3	39.3
V08-1924	41.3	.	40.3	.	38.6	38.8	39.9	40.1	40.5	.	39.0	39.8
V08-2377	44.2	.	42.1	.	42.0	42.0	42.3	42.6	43.9	.	41.7	42.6
V08-2412	43.1	.	39.2	.	40.3	40.9	40.4	41.5	42.6	.	39.9	41.0
V08-2455	42.8	.	40.9	.	40.6	40.3	40.4	40.4	40.9	.	40.2	40.8
VS22-450	42.0	.	39.7	.	39.6	40.6	40.1	41.2	40.9	.	39.9	40.5
VS22-460	44.7	.	42.7	.	41.2	42.6	41.9	43.3	44.3	.	41.2	42.7
Mean	42.5	.	41.1	.	40.0	40.8	40.9	41.4	41.6	.	40.4	.

TABLE 50 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Kinston, NC(A)	McCune, KS	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	16.2	.	16.9	15.1	16.9	12.6	15.3	15.3	.	.	16.6	15.6
AG 5632RR2Y	14.6	.	12.9	13.0	13.2	13.0	13.1	15.5	.	.	13.9	13.6
5002T	15.5	.	15.4	16.2	14.8	12.8	14.4	15.3	.	.	15.8	15.0
OSAGE	12.1	.	13.1	13.1	13.6	10.2	12.9	14.9	.	.	13.7	12.9
JTN-5203	12.8	.	13.2	14.0	13.1	13.5	12.3	16.2	.	.	13.9	13.6
AG 5332RR2Y	15.3	.	15.7	15.1	15.7	14.9	14.0	15.8	.	.	16.0	15.3
AG 5831RR2Y	16.1	.	14.6	14.3	15.5	10.4	15.4	17.1	.	.	14.6	14.7
DS5-2675	17.2	.	15.6	14.7	15.9	12.3	16.3	18.0	.	.	19.0	16.1
K10-1214	11.6	.	11.9	11.6	10.5	10.7	10.3	11.8	.	.	11.1	11.2
K10-1222	14.1	.	14.5	13.6	11.6	12.2	13.6	13.9	.	.	12.1	13.2
K10-4263	12.1	.	12.5	13.1	12.5	11.3	12.4	13.5	.	.	12.8	12.5
K10-4308	10.5	.	10.7	11.7	12.1	10.1	10.0	14.1	.	.	11.6	11.3
K10-4527	10.2	.	12.7	13.1	12.0	11.6	10.9	14.0	.	.	11.9	12.0
N06-523	15.7	.	13.3	11.8	12.6	11.6	11.9	14.9	.	.	14.5	13.3
N07-14288	15.6	.	14.9	14.1	14.5	11.8	14.0	15.2	.	.	15.0	14.4
N07-14443	11.7	.	13.7	13.9	12.5	12.2	12.6	14.8	.	.	14.2	13.2
N08-93	15.3	.	15.0	12.7	14.5	10.6	13.0	18.4	.	.	13.8	14.1
N08-174	16.3	.	16.4	14.7	15.4	11.1	14.1	14.9	.	.	17.4	15.0
N09-13257	14.1	.	13.3	10.7	11.4	11.0	11.7	15.6	.	.	13.6	12.7
NCC08-205	15.9	.	16.2	13.9	13.3	13.0	14.6	15.1	.	.	15.7	14.7
NCC08-208	14.7	.	16.9	14.9	15.0	13.2	14.6	15.1	.	.	16.5	15.1
NCC08-247	14.3	.	13.9	12.8	13.3	12.1	13.5	14.4	.	.	14.4	13.6
NCC09-200719-1-2	16.2	.	13.5	13.2	15.4	12.2	12.7	14.6	.	.	13.3	13.9
NCC09-200719-1-37	15.7	.	12.6	12.3	13.8	10.6	11.9	13.1	.	.	13.7	13.0
NLM09-77	24.6	.	20.2	17.2	20.5	14.6	19.1	18.8	.	.	21.0	19.5
NMS4-19-243	10.0	.	9.5	9.2	15.5	9.2	9.2	14.1	.	.	10.0	10.8
NMS4-6-10	13.8	.	13.0	13.1	12.7	11.5	12.2	15.6	.	.	13.1	13.1
R08-107	17.5	.	16.4	15.6	14.6	12.9	14.8	15.2	.	.	16.7	15.4
R08-2776	14.3	.	12.8	13.6	14.6	11.3	13.1	13.9	.	.	14.0	13.5
R08-3119	13.1	.	12.1	14.2	12.5	11.3	12.5	13.8	.	.	13.5	12.8
R09-1607RR	15.2	.	13.7	13.3	14.8	11.6	13.0	14.5	.	.	14.1	13.8
R09-1827RR	13.2	.	13.4	11.9	12.6	11.9	11.8	16.2	.	.	13.0	13.0
R09-5225	16.9	.	14.8	14.5	15.1	11.2	15.1	16.5	.	.	15.1	14.9
S08-9947	16.4	.	17.1	16.4	16.2	15.9	14.9	16.2	.	.	17.0	16.2
S09-6201	15.7	.	18.3	15.9	17.6	14.7	15.6	15.8	.	.	18.0	16.4
S10-10821	14.7	.	14.9	15.0	15.1	13.1	14.0	15.8	.	.	15.0	14.7
S10-4948	14.7	.	14.3	13.1	13.2	10.5	12.9	14.6	.	.	12.8	13.2
S10-5310	17.1	.	17.6	17.1	15.9	14.3	14.5	16.1	.	.	17.0	16.2
TN09- 46,989	14.5	.	14.3	14.1	15.9	11.8	13.3	13.9	.	.	14.6	14.0
TN11-5053	14.8	.	14.0	14.0	16.8	11.7	13.1	15.8	.	.	14.6	14.4
TN11-5062	16.8	.	14.4	16.6	12.6	12.5	14.4	15.3	.	.	15.4	14.7
TN11-5104	14.6	.	15.2	13.4	14.6	11.8	13.5	14.0	.	.	14.7	14.0
TN11-5118	14.7	.	14.2	13.6	14.2	11.8	13.5	15.0	.	.	14.4	13.9
TX12-06	14.5	.	14.1	13.6	13.0	11.1	13.4	12.6	.	.	14.7	13.4
TX12-09	15.5	.	12.2	12.9	13.7	11.3	12.8	12.6	.	.	14.2	13.1
TX12-10	14.3	.	13.5	13.2	12.7	11.0	13.9	12.6	.	.	14.1	13.1
V08-0136	13.5	.	14.0	13.3	13.6	11.6	12.6	14.8	.	.	13.3	13.3
V08-1909	14.3	.	19.0	18.5	15.2	15.3	15.7	16.6	.	.	16.2	16.3
V08-1924	13.8	.	16.1	15.1	13.6	13.4	14.4	15.1	.	.	15.7	14.6
V08-2377	11.6	.	14.2	11.6	14.9	10.3	11.3	12.4	.	.	13.1	12.4
V08-2412	17.5	.	15.6	16.8	16.0	12.5	15.7	16.8	.	.	17.0	16.0
V08-2455	19.2	.	16.8	16.7	14.9	14.1	16.5	16.2	.	.	18.9	16.6
VS22-450	15.4	.	16.1	13.1	14.9	11.4	13.4	14.3	.	.	15.0	14.2
VS22-460	18.5	.	15.7	14.2	16.8	12.2	14.5	17.0	.	.	16.4	15.6
Mean	14.9	.	14.5	14.0	14.3	12.1	13.5	15.0	.	.	14.7	.

TABLE 51 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Kinston, NC(A)	McCune, KS	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	10/13	9/25	10/15	.	10/16	.	10/9	10/13	9/24	9/27	10/18	10/8
AG 5632RR2Y	2	1	-1	.	2	.	-1	-2	2	1	2	1
5002T	-10	-1	-3	.	-3	.	-7	-7	-11	-1	-8	-5
OSAGE	-8	-1	-3	.	5	.	-4	-5	-8	-2	-3	-3
JTN-5203	-10	-2	-4	.	2	.	-4	-6	-9	-3	-4	-4
AG 5332RR2Y	-6	-1	-1	.	0	.	0	1	-12	-1	-2	-2
AG 5831RR2Y	2	-1	0	.	2	.	-3	1	1	0	-4	0
DS5-2675	2	2	-1	.	3	.	4	1	-2	3	4	2
K10-1214	-10	-4	-3	.	0	.	-6	-7	-8	-5	-7	-5
K10-1222	-5	-2	-3	.	1	.	-5	-9	-12	-5	-5	-5
K10-4263	-4	0	-3	.	5	.	-4	-7	-11	-5	-5	-3
K10-4308	-12	-3	-4	.	3	.	-6	-6	-10	-5	-3	-5
K10-4527	-13	-4	-4	.	-1	.	-5	-9	-12	-5	-4	-6
N06-523	0	-4	-1	.	1	.	0	0	3	1	-1	0
N07-14288	0	-2	0	.	2	.	-1	-2	-9	-5	-1	-2
N07-14443	-18	-4	-1	.	8	.	-3	-6	-4	1	-2	-3
N08-93	1	0	-1	.	1	.	4	-2	-1	-2	0	0
N08-174	4	0	4	.	8	.	9	2	11	7	5	5
N09-13257	6	5	2	.	8	.	8	3	11	8	6	6
NCC08-205	-5	1	-3	.	-1	.	-3	-6	-7	-2	-5	-3
NCC08-208	-9	-3	-1	.	-1	.	-3	-7	-8	-2	-4	-4
NCC08-247	-8	-1	-1	.	-1	.	-3	-6	-7	-5	-6	-4
NCC09-200719-1-2	2	-1	-2	.	3	.	-3	-5	-1	-3	-5	-2
NCC09-200719-1-37	-5	2	-3	.	3	.	-4	-5	-8	-2	-2	-3
NLM09-77	6	0	1	.	5	.	7	6	4	7	5	4
NMS4-19-243	-3	-1	-2	.	8	.	-3	-1	3	-1	-3	0
NMS4-6-10	-5	0	-3	.	1	.	-4	-6	-10	-2	-6	-4
R08-107	1	-1	-1	.	5	.	-1	-2	-7	0	2	0
R08-2776	0	1	1	.	3	.	-1	1	3	1	-2	1
R08-3119	0	0	0	.	2	.	2	2	3	6	-1	1
R09-1607RR	1	-2	-1	.	3	.	-1	2	3	1	2	1
R09-1827RR	4	0	-1	.	3	.	-3	1	-7	1	0	0
R09-5225	-1	-1	-4	.	3	.	-3	-3	-9	-5	-3	-3
S08-9947	-10	0	1	.	9	.	-4	-5	3	-4	-4	-2
S09-6201	-8	-2	-2	.	7	.	-2	-5	-13	1	-3	-3
S10-10821	-10	-2	-1	.	4	.	-3	-4	-9	0	-3	-3
S10-4948	-1	1	-3	.	4	.	-3	1	2	-2	-5	-1
S10-5310	1	0	0	.	4	.	-4	-5	4	1	-2	0
TN09- 46,989	-8	-1	0	.	1	.	-4	-3	1	2	-3	-2
TN11-5053	-6	0	0	.	6	.	-2	-1	1	1	-2	0
TN11-5062	-3	-2	-5	.	3	.	-4	-7	-9	-1	-6	-4
TN11-5104	-5	-2	-1	.	5	.	-3	-2	-6	4	-1	-1
TN11-5118	-5	-1	-1	.	4	.	-2	-1	1	2	-3	-1
TX12-06	2	2	0	.	5	.	2	0	4	3	2	2
TX12-09	6	-2	0	.	3	.	2	1	4	5	1	2
TX12-10	4	1	0	.	5	.	3	2	4	3	2	3
V08-0136	2	-3	-1	.	3	.	-3	-4	3	-1	0	0
V08-1909	-9	-3	0	.	0	.	-3	-3	-5	0	-4	-3
V08-1924	-8	-1	0	.	2	.	2	1	1	2	-2	0
V08-2377	-3	0	1	.	3	.	1	0	3	6	1	1
V08-2412	1	-2	0	.	3	.	-2	-4	1	-3	-4	-1
V08-2455	0	-1	-1	.	2	.	-2	0	-7	0	0	-1
VS22-450	4	2	5	.	9	.	7	3	11	8	7	6
VS22-460	6	1	0	.	7	.	4	3	11	8	4	5
Mean	-3	-1	-1	.	3	.	-1	-2	-2	0	-1	.

TABLE 52 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Kinston, NC(A)	McCune, KS	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	33	43	40	.	30	30	41	35	39	37	32	36
AG 5632RR2Y	34	35	36	.	30	26	43	37	35	34	32	34
5002T	29	41	31	.	20	22	28	29	29	27	24	28
OSAGE	29	32	30	.	22	25	31	34	27	29	24	28
JTN-5203	31	33	30	.	22	26	33	30	30	31	24	29
AG 5332RR2Y	43	43	37	.	28	26	45	36	37	44	34	37
AG 5831RR2Y	28	35	31	.	26	24	31	30	30	27	23	28
DS5-2675	36	39	33	.	27	32	35	37	33	25	35	33
K10-1214	32	33	34	.	27	31	31	27	29	35	26	31
K10-1222	28	30	30	.	20	26	30	24	35	27	22	27
K10-4263	27	30	33	.	23	27	33	28	21	29	25	27
K10-4308	36	37	29	.	32	32	41	32	26	30	31	32
K10-4527	31	36	27	.	26	27	33	35	25	31	24	29
N06-523	36	37	36	.	31	33	37	34	30	36	33	34
N07-14288	30	35	30	.	25	23	31	33	29	31	24	29
N07-14443	32	36	34	.	26	25	35	32	29	32	25	31
N08-93	29	36	29	.	22	17	31	30	25	29	22	27
N08-174	30	34	34	.	19	24	33	33	27	30	27	29
N09-13257	37	38	35	.	25	32	35	36	17	36	34	32
NCC08-205	26	31	28	.	27	22	35	30	28	30	23	28
NCC08-208	30	37	36	.	25	27	35	28	33	33	27	31
NCC08-247	30	32	28	.	20	24	33	30	31	27	22	27
NCC09-200719-1-2	31	39	31	.	29	26	33	28	26	32	23	30
NCC09-200719-1-37	28	31	32	.	25	25	33	30	29	32	25	29
NLM09-77	33	34	34	.	28	30	33	38	33	34	27	32
NMS4-19-243	37	35	37	.	34	36	41	27	33	34	28	34
NMS4-6-10	32	34	36	.	26	25	33	29	29	33	30	31
R08-107	39	37	35	.	30	29	39	32	35	39	33	35
R08-2776	28	32	24	.	20	19	33	29	30	30	24	27
R08-3119	31	36	35	.	29	28	39	24	33	34	32	32
R09-1607RR	35	40	34	.	27	31	37	36	39	33	32	34
R09-1827RR	35	41	34	.	32	28	39	37	29	38	31	34
R09-5225	33	36	34	.	25	25	41	32	44	32	29	33
S08-9947	36	41	36	.	26	31	47	48	33	47	35	38
S09-6201	34	40	40	.	28	25	39	35	42	46	35	36
S10-10821	35	42	36	.	30	31	43	46	44	40	31	37
S10-4948	42	49	39	.	32	32	51	42	54	56	33	43
S10-5310	36	36	33	.	21	28	43	37	35	34	27	33
TN09- 46,989	28	36	36	.	33	23	39	42	27	37	28	33
TN11-5053	33	40	34	.	30	27	37	34	31	35	29	33
TN11-5062	32	35	31	.	21	22	35	25	33	27	26	28
TN11-5104	31	39	36	.	24	25	41	31	36	32	28	32
TN11-5118	31	37	34	.	31	28	39	36	31	36	28	33
TX12-06	40	42	39	.	36	34	35	34	41	39	23	36
TX12-09	40	45	39	.	33	32	39	33	36	40	33	37
TX12-10	40	40	38	.	29	28	39	31	37	39	19	34
V08-0136	27	34	30	.	22	21	33	28	27	27	22	27
V08-1909	33	38	35	.	24	28	41	31	34	32	28	32
V08-1924	35	31	34	.	27	28	37	32	35	33	29	32
V08-2377	34	33	34	.	27	28	33	34	33	32	25	31
V08-2412	33	38	32	.	31	25	39	33	29	37	29	32
V08-2455	34	44	31	.	31	28	37	36	40	36	29	34
VS22-450	31	35	34	.	25	28	31	36	31	32	32	32
VS22-460	32	38	36	.	27	27	41	40	37	37	20	33
Mean	33	37	34	.	26	27	37	33	32	34	27	.

TABLE 53 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Kinston, NC(A)	McCune, KS	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	2.0	1.5	2.3	1.0	1.7	1.0	1.5	2.5	3.0	3.0	2.3	2.0
AG 5632RR2Y	1.0	1.0	2.3	1.0	1.5	1.0	2.5	1.5	2.0	1.5	1.9	1.6
5002T	1.0	1.5	2.3	1.0	1.2	1.0	1.5	1.0	2.0	2.0	1.7	1.5
OSAGE	1.0	1.0	1.8	1.0	1.0	1.0	2.5	1.5	2.0	2.0	2.0	1.5
JTN-5203	2.0	1.5	1.5	1.0	1.5	1.0	3.0	1.5	2.0	1.0	1.3	1.6
AG 5332RR2Y	2.5	1.0	2.3	1.0	1.7	1.0	1.5	3.5	3.0	3.0	2.2	2.1
AG 5831RR2Y	1.5	1.0	1.8	1.0	1.5	1.0	2.5	2.0	2.0	1.0	1.2	1.5
DS5-2675	3.0	3.0	2.5	2.0	1.5	2.0	3.0	3.0	2.0	2.0	2.6	2.4
K10-1214	1.5	2.0	2.3	1.0	1.5	1.0	1.5	2.0	2.0	3.5	2.3	1.9
K10-1222	1.0	1.0	1.8	1.0	1.2	1.0	2.5	1.0	2.0	1.0	1.5	1.4
K10-4263	1.0	1.0	2.3	1.0	1.5	1.0	2.0	1.5	2.0	1.5	2.3	1.6
K10-4308	1.5	1.5	2.5	1.0	1.5	1.0	1.5	2.5	2.0	3.0	3.2	1.9
K10-4527	1.0	1.0	1.8	1.0	1.2	1.0	2.5	2.0	2.0	1.0	2.0	1.5
N06-523	2.0	2.5	2.5	1.5	1.7	1.5	2.0	3.0	2.0	3.0	2.2	2.2
N07-14288	1.0	2.0	1.8	1.5	1.2	1.0	3.0	2.5	2.0	3.0	1.4	1.9
N07-14443	1.5	4.0	2.3	1.5	1.5	1.0	2.5	2.5	2.0	2.5	1.7	2.1
N08-93	1.5	2.0	2.5	1.0	1.5	1.0	2.5	2.0	2.0	3.5	2.0	2.0
N08-174	1.0	2.5	2.0	1.0	1.2	1.0	3.0	3.0	2.0	2.5	1.7	1.9
N09-13257	1.5	2.0	2.5	1.5	1.5	1.0	2.0	2.5	2.0	2.0	2.6	1.9
NCC08-205	1.0	1.0	2.0	1.0	1.5	1.0	2.5	1.0	2.0	2.0	1.5	1.5
NCC08-208	2.0	4.5	2.8	1.5	2.0	1.0	3.0	2.0	2.0	4.0	3.2	2.5
NCC08-247	2.0	2.0	2.3	1.5	1.0	1.0	1.5	2.5	3.0	3.0	1.8	2.0
NCC09-200719-1-2	1.0	1.5	1.8	1.0	1.0	1.0	1.5	2.0	2.0	1.5	1.3	1.4
NCC09-200719-1-37	1.5	2.0	2.3	1.0	2.0	1.0	2.5	3.0	2.0	2.0	2.0	1.9
NLM09-77	2.0	3.0	2.3	1.5	1.2	1.0	3.0	3.0	2.0	3.0	1.7	2.2
NMS4-19-243	3.0	3.5	3.0	1.5	1.5	2.5	0.2	4.0	4.0	3.5	3.1	2.7
NMS4-6-10	1.5	1.5	2.8	1.0	1.7	1.0	3.0	2.0	2.0	2.5	2.1	1.9
R08-107	2.5	2.5	2.8	2.5	1.7	1.0	3.0	3.5	2.0	3.0	2.0	2.4
R08-2776	1.5	2.5	2.0	1.0	1.0	1.0	3.0	2.0	2.0	3.5	1.6	1.9
R08-3119	2.5	3.0	2.0	1.0	1.7	1.0	2.0	3.0	3.0	3.5	2.4	2.3
R09-1607RR	2.0	2.0	2.3	1.0	1.0	1.0	3.0	3.5	3.0	2.0	2.0	2.1
R09-1827RR	3.0	2.0	2.5	1.0	2.0	1.0	3.5	3.0	2.0	3.0	2.6	2.3
R09-5225	1.5	2.5	2.3	1.0	1.5	1.0	2.0	2.5	3.0	2.5	2.0	2.0
S08-9947	2.0	1.0	2.3	1.0	1.5	1.0	2.5	2.5	4.0	2.0	2.0	2.0
S09-6201	2.0	1.0	2.3	1.0	1.5	1.0	2.5	3.0	2.0	2.0	2.0	1.8
S10-10821	2.0	2.0	2.0	1.0	2.0	1.0	2.5	4.0	3.0	2.0	1.8	2.1
S10-4948	2.0	3.0	2.0	1.5	1.5	1.0	1.5	4.0	4.0	3.0	1.8	2.3
S10-5310	1.0	1.0	2.5	1.0	1.2	1.0	1.5	3.0	2.0	3.0	1.5	1.7
TN09- 46,989	1.0	1.0	2.0	1.0	1.5	1.0	3.0	2.0	2.0	2.0	1.7	1.7
TN11-5053	1.0	1.0	2.8	1.0	1.7	1.0	3.0	2.0	2.0	2.5	1.6	1.8
TN11-5062	1.5	1.5	2.3	1.0	1.2	1.0	2.5	2.0	2.0	1.5	2.0	1.7
TN11-5104	1.5	2.0	2.5	1.0	1.2	1.0	2.5	2.0	2.0	2.5	1.6	1.8
TN11-5118	1.5	2.0	2.5	1.0	1.7	1.0	3.0	3.0	2.0	2.0	1.3	1.9
TX12-06	4.0	4.5	2.5	1.5	2.0	1.5	3.5	4.0	4.0	4.0	3.1	3.1
TX12-09	3.5	3.5	2.5	1.5	2.5	2.0	3.5	4.0	4.0	3.5	2.5	3.0
TX12-10	3.5	4.0	2.8	1.5	1.7	1.0	1.5	4.0	4.0	4.0	3.0	2.8
V08-0136	1.5	1.5	2.0	1.0	1.0	1.0	3.5	2.0	2.0	3.0	1.4	1.8
V08-1909	3.5	2.5	2.5	1.0	1.2	1.0	4.0	3.0	2.0	3.0	2.5	2.4
V08-1924	4.0	4.0	2.8	1.0	1.5	1.0	2.5	4.0	3.0	4.0	2.7	2.8
V08-2377	2.5	3.5	2.5	1.5	1.7	1.0	2.0	4.0	4.0	3.0	1.8	2.5
V08-2412	1.0	1.0	1.8	1.0	2.2	1.0	2.0	2.0	2.0	2.0	1.8	1.6
V08-2455	1.5	2.5	2.3	1.0	1.5	1.0	2.5	3.0	3.0	2.5	1.8	2.1
VS22-450	1.5	2.0	2.3	1.5	1.3	1.0	2.5	3.0	3.0	2.5	1.8	2.0
VS22-460	2.0	2.5	2.3	1.5	1.5	1.0	.	3.5	3.0	3.0	2.4	2.3
Mean	1.8	2.1	2.3	1.2	1.5	1.1	2.4	2.6	2.5	2.6	2.0	.

TABLE 54 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2012

STRAIN/ VARIETY	Jackson, TN	Keiser, AR	Kinston, NC(A)	McCune, KS	Petersburg, VA	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	1.0	.	.	1.0	1.5	2.0	1.0	2.0	2.0	.	1.2	1.5
AG 5632RR2Y	1.0	.	.	1.0	1.5	1.0	1.5	3.0	2.0	.	1.0	1.5
5002T	2.0	.	.	2.0	1.0	2.0	1.0	2.5	2.0	.	1.6	1.8
OSAGE	1.0	.	.	1.0	1.5	1.0	1.0	2.5	2.0	.	1.5	1.4
JTN-5203	1.0	.	.	1.0	1.5	2.0	1.0	2.5	2.0	.	1.8	1.6
AG 5332RR2Y	2.5	.	.	1.0	1.5	1.0	1.0	4.0	2.0	.	1.8	1.9
AG 5831RR2Y	1.0	.	.	1.0	1.5	2.0	1.0	2.5	2.0	.	1.4	1.5
DS5-2675	1.5	.	.	1.0	1.0	1.0	1.0	3.5	2.0	.	1.3	1.5
K10-1214	1.5	.	.	1.0	1.2	2.0	1.0	3.5	2.0	.	1.4	1.7
K10-1222	2.5	.	.	2.0	1.2	2.0	1.0	2.0	2.0	.	1.5	1.8
K10-4263	1.0	.	.	1.0	1.2	2.0	1.0	2.5	2.0	.	1.5	1.5
K10-4308	1.0	.	.	1.0	1.5	2.0	1.0	3.0	2.0	.	1.1	1.6
K10-4527	1.0	.	.	1.0	1.2	1.0	1.0	3.0	2.0	.	1.2	1.4
N06-523	1.0	.	.	1.0	1.5	2.0	1.0	3.0	2.0	.	1.1	1.6
N07-14288	1.0	.	.	1.0	2.5	1.0	1.0	3.0	2.0	.	1.2	1.6
N07-14443	1.5	.	.	1.0	1.5	1.0	1.0	2.5	2.0	.	1.6	1.5
N08-93	1.5	.	.	1.0	1.2	2.0	1.0	3.0	2.0	.	1.2	1.6
N08-174	2.0	.	.	1.0	2.5	2.0	1.0	2.5	2.0	.	1.3	1.8
N09-13257	2.0	.	.	1.0	1.2	2.0	1.0	2.5	2.0	.	1.5	1.7
NCC08-205	1.0	.	.	1.0	1.0	1.0	1.0	2.0	2.0	.	1.2	1.3
NCC08-208	1.5	.	.	1.0	2.5	1.0	1.5	2.0	2.0	.	1.6	1.6
NCC08-247	1.0	.	.	2.0	1.0	1.0	1.0	2.5	2.0	.	1.5	1.5
NCC09-200719-1-2	1.5	.	.	1.0	1.7	1.0	1.0	3.0	2.0	.	1.7	1.6
NCC09-200719-1-37	1.5	.	.	1.0	2.7	2.0	1.0	2.0	2.0	.	1.7	1.8
NLM09-77	2.0	.	.	2.0	1.0	1.0	1.0	3.0	2.0	.	1.1	1.6
NMS4-19-243	1.5	.	.	2.0	1.7	3.0	1.5	3.0	2.0	.	2.8	2.2
NMS4-6-10	1.5	.	.	2.0	1.2	2.0	1.0	2.5	2.0	.	1.1	1.7
R08-107	1.5	.	.	1.0	1.7	2.0	1.5	2.5	2.0	.	1.5	1.7
R08-2776	1.0	.	.	1.0	1.5	2.0	1.0	2.5	2.0	.	1.1	1.5
R08-3119	1.5	.	.	1.0	1.2	2.0	1.0	2.5	2.0	.	1.3	1.6
R09-1607RR	1.0	.	.	1.0	1.2	2.0	1.0	2.5	2.0	.	1.1	1.5
R09-1827RR	1.0	.	.	1.0	1.5	2.0	1.5	3.0	2.0	.	1.3	1.7
R09-5225	1.5	.	.	2.0	1.2	1.0	1.0	2.5	2.0	.	1.5	1.6
S08-9947	3.0	.	.	2.0	1.2	2.0	1.3	2.5	2.0	.	2.1	2.0
S09-6201	2.5	.	.	1.0	1.7	1.0	1.5	3.0	2.0	.	1.8	1.8
S10-10821	2.0	.	.	1.0	1.2	2.0	1.5	2.5	2.0	.	1.6	1.7
S10-4948	1.0	.	.	2.0	1.5	2.0	1.0	2.5	2.0	.	1.6	1.7
S10-5310	1.5	.	.	1.0	1.7	1.0	1.0	2.5	2.0	.	1.5	1.5
TN09- 46,989	2.5	.	.	1.0	2.7	2.0	1.0	2.0	2.0	.	1.5	1.8
TN11-5053	2.5	.	.	1.0	1.5	1.0	1.0	3.0	2.0	.	1.3	1.7
TN11-5062	2.0	.	.	2.0	2.0	2.0	1.0	3.5	2.0	.	1.2	2.0
TN11-5104	2.0	.	.	1.0	1.2	1.0	1.0	2.0	2.0	.	1.3	1.4
TN11-5118	1.5	.	.	2.0	1.5	2.0	1.0	2.0	2.0	.	1.8	1.7
TX12-06	2.0	.	.	2.0	1.5	3.0	1.0	2.5	2.0	.	1.3	1.9
TX12-09	2.0	.	.	2.0	1.0	2.0	1.0	3.0	2.0	.	1.0	1.8
TX12-10	1.5	.	.	1.0	2.5	2.0	1.0	2.5	2.0	.	1.1	1.7
V08-0136	1.0	.	.	1.0	1.5	1.0	1.0	3.0	2.0	.	1.2	1.5
V08-1909	2.0	.	.	1.0	1.5	1.0	1.0	3.0	2.0	.	1.6	1.6
V08-1924	2.0	.	.	1.0	1.2	2.0	1.0	2.0	2.0	.	1.5	1.6
V08-2377	1.0	.	.	1.0	1.5	1.0	1.0	2.5	2.0	.	1.4	1.4
V08-2412	1.5	.	.	1.0	1.7	1.0	1.0	3.0	2.0	.	1.3	1.6
V08-2455	1.5	.	.	1.0	1.7	1.0	1.0	2.5	2.0	.	1.5	1.5
VS22-450	2.5	.	.	1.0	1.5	1.0	1.0	3.0	2.0	.	1.2	1.6
VS22-460	1.5	.	.	1.0	2.8	1.0	1.0	3.0	2.0	.	1.1	1.7
Mean	1.6	.	.	1.2	1.6	1.6	1.1	2.7	2.0	.	1.4	.

TABLE 55 - PARENTAGE OF STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

	STRAIN/VARIETY	*PARENTAGE*	*Fn*	*SPECIAL TRAITS*
1	DILLON	Centennial x Young		
2	AGS606RR	Commercial check		
3	NC-ROY	Holladay X Brim		
4	G05-1102 RR	G98-1420 X H7242 RR	F5D	
5	G06-2460 RR	G98-1420 X H7242 RR	F5D	
6	N06-06	N99-510 X G98-1053		
7	N07-187	5601T X N00-370		
8	N07-14182	N7002 x Clifford	F4	DIV (12.5% exotic
9	N07-14313	Hutch x N98-7833 (480 AKA PI407948)	F4	(25% exotic pedigree)
10	N07-15546	N7002 x PI 221717	F4	(50% exotic pedigree)
11	N08-145	N99-186 X TN99-117		
12	NCC06-1090	N99-8137xTN99-117	F4:9	
13	NCC06-5894R	TN99-184xNC ROY RR, BC4F2	F4:9	
14	NCC07-7961	Md 99-6226x(N97-9677)	F4:8	
15	NCC07-8138	Md 99-6226x(N97-9677)	F4:8	
16	NMS4-52-390	N7103 x PI 366122 (G. soja)	F4	(50% exotic pedigree)
17	NMS5-111-6	N7103 x PI 366122 (G. soja)	F4	(50% exotic pedigree)
18	R06-4475	R98-3267F x R97-1832	F5	
19	R07-6669	Lonoke x R00-33	F6	
20	R07-10322	R97-1634 x V00-3824	F6	
21	R08-1178	S98-1375 x R97-1634	F5	
22	R09-400	R00-1076 x BA 743303	F5	
23	SC06-007RR	SC98-1850/SC00-892RR	F5	Long-juvenile
24	TN08-109	TN02-303 × S98-1375		
25	TN08-113	TN02-303 × S98-1375		
26	TN08-114	TN02-303 × S98-1375		

TABLE 56 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2012

STRAIN/ VARIETY	RANK	AVERAGE RANK	YIELD 2012	YIELD 11-12	YIELD 10-12	PROTEIN 2012	PROTEIN 11-12	PROTEIN 10-12	OIL 2012	OIL 11-12	OIL 10-12
DILLON	22	18	50.0	48.6	48.5	41.7	41.9	41.4	22.1	21.7	21.0
AGS606RR	19	16	51.5	49.2	48.6	43.0	42.7	42.4	21.6	21.5	20.5
NC-ROY	20	14	51.4	52.1	50.6	42.1	42.2	41.7	21.1	21.0	20.2
G05-1102 RR	13	13	53.7	52.8	50.9	42.2	42.4	41.9	22.7	22.3	21.3
G06-2460 RR	10	13	53.8	52.6	50.2	42.2	42.1	41.7	21.8	21.8	20.4
N06-06	6	10	55.3	53.3	.	40.3	40.4	.	22.6	22.2	.
N07-187	8	11	54.3	.	.	40.6	.	.	22.7	.	.
N07-14182	21	15	50.6	.	.	41.1	.	.	22.0	.	.
N07-14313	17	15	52.0	.	.	40.5	.	.	22.5	.	.
N07-15546	24	20	45.3	.	.	41.6	.	.	21.7	.	.
N08-145	7	10	55.0	.	.	39.9	.	.	22.6	.	.
NCC06-1090	2	8	57.1	53.3	52.4	38.9	39.3	39.0	23.4	22.9	22.2
NCC06-5894R	18	15	52.0	51.0	49.8	41.1	41.2	40.7	21.2	21.0	20.2
NCC07-7961	9	11	54.2	.	.	39.9	.	.	22.8	.	.
NCC07-8138	1	6	59.1	54.9	.	39.3	39.7	.	22.7	22.5	.
NMS4-52-390	26	24	43.3	.	.	45.2	.	.	18.2	.	.
NMS5-111-6	25	23	43.8	.	.	45.1	.	.	17.9	.	.
R06-4475	5	9	56.6	.	.	40.0	.	.	22.5	.	.
R07-6669	3	9	57.1	.	.	40.3	.	.	22.0	.	.
R07-10322	4	9	57.0	54.2	.	40.8	40.8	.	22.8	22.5	.
R08-1178	11	12	53.8	.	.	39.6	.	.	22.4	.	.
R09-400	15	13	53.4	.	.	40.9	.	.	22.7	.	.
SC06-007RR	23	19	49.7	.	.	41.9	.	.	22.7	.	.
TN08-109	14	12	53.6	51.0	.	38.3	38.0	.	22.8	22.8	.
TN08-113	16	14	52.1	.	.	38.7	.	.	22.3	.	.
TN08-114	12	12	53.8	.	.	38.1	.	.	22.6	.	.
Mean	.	.	52.7	.	.	40.9	.	.	22.0	.	.
LSD(0.05)	.	.	3.9	.	.	0.8	.	.	0.4	.	.
CV(%)	.	.	12.6	.	.	2.0	.	.	2.0	.	.

TABLE 57 - GENERAL SUMMARY OF BOTANICAL TRAITS FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2012

STRAIN/ VARIETY	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SEED SIZE	FL. COLOR	PUB. COLOR	POD COLOR
DILLON	0	1.8		1.6	15.0	P	G	T
AGS606RR	-1	1.6	34	1.8	14.8	W	T	T
NC-ROY	4	2.2	37	1.6	13.6	W	G	BR
G05-1102 RR	5	1.5	38	1.6	13.9	P	T	T
G06-2460 RR	0	1.5	34	1.4	14.4	P	T	T
N06-06	2	1.5	32	1.7	13.5	W	T	T
N07-187	4	2.1	35	1.5	14.3	W	G	T
N07-14182	4	1.6	31	1.9	16.0	P	T	T
N07-14313	-2	1.4	30	1.6	16.1	W	G	T
N07-15546	5	1.9	36	1.9	13.3	W	G	T
N08-145	-1	1.7	30	1.6	14.8	P	T	T
NCC06-1090	1	2.0	33	1.7	17.3	P	G	T
NCC06-5894R	4	1.5	31	1.6	12.2	W	G	T
NCC07-7961	-7	1.6	29	2.1	15.0	P	G	T
NCC07-8138	-1	1.4	29	1.7	16.5	P	G	T
NMS4-52-390	4	2.8	31	1.8	8.7	S	G	T
NMS5-111-6	5	3.2	32	2.0	10.2	W	G	T
R06-4475	-4	2.0	34	1.8	14.0	W	T	T
R07-6669	-3	2.1	37	1.8	13.6	W	G	T
R07-10322	-2	1.8	34	1.8	16.5	W	G	T
R08-1178	-2	1.5	33	1.9	16.1	W	G	T
R09-400	-4	1.6	37	1.8	14.8	W	G	T
SC06-007RR	-2	2.1	37	2.0	17.6	P	G	T
TN08-109	-4	1.3	31	1.9	14.7	W	T	T
TN08-113	-3	1.6	34	1.8	15.4	W	T	T
TN08-114	-3	1.3	33	1.8	14.5	W	T	T
Mean	0	1.8	33	1.8	14.5			
LSD(0.05)	2	0.4	2	0.3	0.9			
CV(%)	18000	33.0	11	21.0	7.3			

TABLE 58 - GENERAL SUMMARY OF PEST REACTION FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2012

STRAIN/ VARIETY	SCN HG TYPE 1.2.5.7 Race 2	SCN HG TYPE 5.7 Race 3	SCN HG TYPE 2.5.7 Race 5	PRK GA	SRK GA	SC RATING	SC SCORE	SDS DX
DILLON	5	4	5	3.0	1.0	MS	4.0	.
AGS606RR	5	3	4	4.5	5.0	R	1.0	.
NC-ROY	5	4	5	5.0	4.8	S	5.0	.
G05-1102 RR	5	1	5	3.5	1.0	R	1.0	.
G06-2460 RR	5	1	4	3.0	1.0	R	1.0	.
N06-06	5	5	5	4.0	1.8	S	5.0	.
N07-187	5	5	4	3.0	3.3	R	1.0	.
N07-14182	5	5	5	3.0	1.0	S	5.0	.
N07-14313	5	5	5	5.0	4.8	R	1.0	.
N07-15546	5	5	5	3.5	5.0	MS	4.0	.
N08-145	5	5	5	3.8	4.0	R	1.0	.
NCC06-1090	5	4	5	3.3	3.3	R	1.0	.
NCC06-5894R	5	5	5	3.8	4.8	R	1.0	.
NCC07-7961	5	5	5	4.3	4.8	R	1.0	.
NCC07-8138	5	5	5	4.8	5.0	R	1.0	.
NMS4-52-390	4	4	5	4.8	5.0	R	1.0	.
NMS5-111-6	4	5	5	4.0	4.5	R	1.0	.
R06-4475	5	2	4	3.5	4.3	S	5.0	.
R07-6669	5	1	4	4.0	4.3	R	1.0	.
R07-10322	5	5	5	4.3	1.5	S	5.0	.
R08-1178	5	4	5	3.3	3.5	S	5.0	.
R09-400	5	2	5	4.8	5.0	R	1.0	.
SC06-007RR	5	2	4	4.5	5.0	R	1.0	.
TN08-109	1	2	2	4.8	5.0	R	1.0	.
TN08-113	3	3	3	3.3	3.5	R	1.0	.
TN08-114	1	2	1	3.8	4.8	R	1.0	.

TABLE 59 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2012

Delta

STRAIN/ VARIETY	*Keiser, AR*	*Stoneville, MS*	*Stuttgart, AR*	*Area Mean*
DILLON	58.2	53.6	68.9	60.2
AGS606RR	66.2	54.3	67.3	62.6
NC-ROY	58.2	37.5	70.1	55.3
G05-1102 RR	65.5	44.1	75.9	61.8
G06-2460 RR	60.9	51.8	64.4	59.0
N06-06	76.4	54.7	74.6	68.6
N07-187	63.5	40.9	69.3	57.9
N07-14182	62.4	38.3	69.5	56.6
N07-14313	66.2	52.4	64.1	60.9
N07-15546	56.4	38.3	57.0	50.6
N08-145	68.0	60.4	68.5	65.6
NCC06-1090	72.2	62.0	68.1	67.4
NCC06-5894R	66.7	51.3	65.5	61.2
NCC07-7961	71.0	59.4	69.8	66.7
NCC07-8138	76.5	58.9	75.4	70.3
NMS4-52-390	51.2	32.2	61.0	48.1
NMS5-111-6	45.6	37.0	63.8	48.8
R06-4475	77.5	55.9	69.5	67.6
R07-6669	72.6	56.8	76.7	68.7
R07-10322	73.9	65.4	71.9	70.4
R08-1178	64.7	45.8	67.5	59.3
R09-400	73.9	56.3	70.7	67.0
SC06-007RR	66.7	46.7	62.3	58.8
TN08-109	66.4	51.3	64.0	60.6
TN08-113	68.3	53.6	65.7	62.5
TN08-114	64.0	52.1	65.5	60.5
Mean	65.9	50.4	68.0	61.4
LSD(0.05)	10.1	11.7	7.8	7.6
CV(%)	9.3	14.2	7.0	11.1

TABLE 59 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2012

East

STRAIN/ VARIETY	*Kinston, NC(B)*	*Plymouth, NC(A)*	*Area Mean*
DILLON	49.2	40.2	44.7
AGS606RR	48.8	44.4	46.6
NC-ROY	51.2	44.3	47.8
G05-1102 RR	53.0	50.3	51.6
G06-2460 RR	51.6	48.7	50.1
N06-06	56.1	44.3	50.2
N07-187	54.2	51.7	53.0
N07-14182	57.4	46.1	51.8
N07-14313	56.4	42.2	49.3
N07-15546	39.8	36.8	38.3
N08-145	56.4	51.3	53.7
NCC06-1090	57.2	54.8	56.0
NCC06-5894R	55.3	47.3	51.3
NCC07-7961	58.9	43.4	51.1
NCC07-8138	59.3	50.7	55.0
NMS4-52-390	48.7	38.7	43.7
NMS5-111-6	44.8	38.1	41.4
R06-4475	55.4	38.3	46.8
R07-6669	56.8	50.7	53.7
R07-10322	56.0	43.6	49.8
R08-1178	52.5	50.0	51.3
R09-400	47.5	44.1	45.8
SC06-007RR	48.6	45.9	47.3
TN08-109	53.8	44.2	49.0
TN08-113	53.2	43.2	48.2
TN08-114	53.1	44.5	48.8
Mean	52.9	45.3	49.1
LSD(0.05)	6.1	5.7	6.4
CV(%)	7.1	7.6	8.7

TABLE 59 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Belle Mina, AL	Blackville, SC(A)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tallassee, AL(A)	Tifton, GA	Area Mean
DILLON	43.5	47.4	52.5	60.3	39.7	62.1	29.4	49.6	47.8
AGS606RR	51.4	47.8	53.3	51.2	39.3	59.2	39.7	48.8	48.9
NC-ROY	45.1	52.9	58.5	68.7	49.3	61.9	31.0	48.8	52.5
G05-1102 RR	44.3	53.2	62.5	56.7	56.5	56.0	38.3	41.0	52.5
G06-2460 RR	46.9	50.0	55.3	66.7	47.0	70.7	44.5	45.4	54.5
N06-06	39.2	50.3	52.3	59.5	45.8	64.0	46.5	49.2	51.1
N07-187	52.7	51.9	60.8	60.0	40.2	68.6	49.4	42.7	54.8
N07-14182	48.4	48.4	54.9	57.0	48.6	54.1	40.5	36.0	50.3
N07-14313	39.1	51.0	59.6	56.5	43.8	59.2	41.9	32.2	50.1
N07-15546	34.0	38.7	55.6	64.9	48.1	63.8	23.3	45.8	46.7
N08-145	45.3	48.1	60.8	64.4	50.4	51.6	42.2	44.7	51.8
NCC06-1090	42.0	54.9	58.7	64.8	49.1	62.1	44.2	36.2	53.7
NCC06-5894R	45.9	51.9	56.7	65.7	35.6	60.0	34.3	48.3	50.2
NCC07-7961	47.0	49.0	64.2	57.7	44.8	61.9	40.0	43.2	52.0
NCC07-8138	46.4	58.4	67.1	74.8	52.2	54.1	44.8	47.5	56.8
NMS4-52-390	36.1	43.9	47.9	54.9	30.7	61.1	32.7	39.3	43.9
NMS5-111-6	40.5	47.4	54.0	50.5	30.4	62.4	29.8	42.4	45.0
R06-4475	51.6	52.9	59.8	71.1	43.1	61.9	45.7	44.0	55.2
R07-6669	60.4	51.3	51.1	70.4	43.0	58.9	38.6	70.2	53.4
R07-10322	47.0	44.9	63.8	61.8	45.7	61.3	49.9	38.0	53.5
R08-1178	47.3	46.1	58.9	63.0	47.4	62.4	45.7	32.9	53.0
R09-400	54.8	50.3	49.0	53.5	37.2	65.6	36.1	54.8	49.5
SC06-007RR	44.5	45.5	54.0	53.6	43.4	58.4	31.9	35.8	47.3
TN08-109	48.5	56.5	60.8	62.8	38.9	62.4	45.6	47.9	53.6
TN08-113	48.0	47.4	61.6	59.1	41.4	62.4	38.3	53.1	51.2
TN08-114	54.4	56.1	64.3	63.1	46.7	57.0	41.6	55.9	54.8
Mean	46.3	49.9	57.6	61.3	43.8	60.9	39.5	45.1	51.3
LSD(0.05)	6.5	5.7	7.6	12.2	10.3	10.5	9.2	12.2	5.2
CV(%)	8.6	7.0	8.0	12.2	13.1	10.4	14.3	16.5	13.0

TABLE 59 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***Area Mean***
DILLON	44.5	44.5
AGS606RR	46.1	46.1
NC-ROY	39.7	39.7
G05-1102 RR	41.3	41.3
G06-2460 RR	41.3	41.3
N06-06	55.6	55.6
N07-187	42.9	42.9
N07-14182	31.8	31.8
N07-14313	44.5	44.5
N07-15546	35.0	35.0
N08-145	47.7	47.7
NCC06-1090	52.4	52.4
NCC06-5894R	38.1	38.1
NCC07-7961	38.1	38.1
NCC07-8138	49.3	49.3
NMS4-52-390	23.8	23.8
NMS5-111-6	25.4	25.4
R06-4475	52.4	52.4
R07-6669	54.0	54.0
R07-10322	55.6	55.6
R08-1178	47.7	47.7
R09-400	55.6	55.6
SC06-007RR	44.5	44.5
TN08-109	41.3	41.3
TN08-113	35.0	35.0
TN08-114	36.5	36.5
Mean	43.1	43.1
LSD(0.05)	7.5	7.5
CV(%)	10.6	10.6

TABLE 60 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Belle Mina, AL	Blackville, SC(A)	Clemson, SC	Fairhope, AL	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Tallassee, AL(A)	Test Mean
DILLON	22.8	22.7	22.5	21.9	22.6	21.9	21.3	21.5	21.9	22.1
AGS606RR	22.9	21.7	22.1	20.9	22.2	21.5	20.8	20.5	22.0	21.6
NC-ROY	21.2	21.9	21.2	21.2	22.0	20.8	20.7	20.7	19.8	21.1
G05-1102 RR	23.3	23.3	23.0	22.5	23.7	22.9	22.1	21.1	22.5	22.7
G06-2460 RR	22.3	22.4	22.5	21.6	22.8	21.6	20.6	20.9	21.7	21.8
N06-06	22.8	22.8	23.0	22.6	23.0	22.2	21.8	22.3	23.2	22.6
N07-187	23.4	23.1	22.8	22.2	24.3	22.6	21.9	21.5	22.9	22.7
N07-14182	22.7	22.1	22.2	22.3	22.4	22.4	21.3	20.8	21.4	22.0
N07-14313	23.2	22.6	22.5	22.8	23.1	22.3	21.7	21.7	22.4	22.5
N07-15546	22.3	22.3	22.8	21.7	23.2	21.6	21.3	20.2	20.2	21.7
N08-145	23.1	23.5	22.3	22.3	23.4	22.9	21.9	21.4	22.7	22.6
NCC06-1090	23.8	23.7	23.3	23.0	23.1	23.2	23.1	23.0	24.2	23.4
NCC06-5894R	21.3	21.5	21.7	19.8	21.9	21.3	20.4	21.4	21.1	21.2
NCC07-7961	23.2	22.8	23.3	22.3	22.7	22.8	22.3	22.3	23.8	22.8
NCC07-8138	23.4	23.1	22.7	22.4	23.0	22.6	22.3	21.5	23.6	22.7
NMS4-52-390	18.2	19.3	18.6	18.1	19.1	18.1	17.1	17.4	18.2	18.2
NMS5-111-6	18.6	18.3	19.1	18.7	17.7	16.9	16.6	18.2	16.7	17.9
R06-4475	23.0	23.2	22.8	21.6	23.4	22.4	21.9	21.7	22.8	22.5
R07-6669	22.6	22.5	21.8	21.5	22.6	21.9	21.4	21.4	22.0	22.0
R07-10322	23.4	23.0	22.7	22.9	23.0	22.7	22.2	22.3	23.0	22.8
R08-1178	23.2	22.7	22.5	22.1	22.5	22.5	21.8	21.5	23.1	22.4
R09-400	23.4	23.0	23.1	22.6	23.3	22.3	21.7	21.8	23.5	22.7
SC06-007RR	23.8	22.9	22.2	21.7	22.9	22.8	22.4	22.5	23.0	22.7
TN08-109	23.7	22.7	22.6	23.3	23.0	22.7	21.8	22.2	23.5	22.8
TN08-113	23.0	22.8	22.3	22.1	22.7	22.2	21.5	21.8	22.6	22.3
TN08-114	23.0	.	22.5	23.0	22.7	22.7	21.9	21.4	23.2	22.6
Mean	22.6	22.4	22.2	21.8	22.6	21.9	21.3	21.3	22.1	.

TABLE 61 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Belle Mina, AL	Blackville, SC(A)	Clemson, SC	Fairhope, AL	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Tallassee, AL(A)	Test Mean
DILLON	41.1	39.2	41.8	41.5	42.4	42.4	42.2	42.9	41.6	41.7
AGS606RR	40.3	41.6	43.0	43.4	42.9	43.8	44.5	44.3	42.9	43.0
NC-ROY	42.3	39.5	42.7	42.5	41.4	42.0	42.2	42.5	43.4	42.1
G05-1102 RR	41.7	39.5	42.9	42.1	42.2	42.3	42.8	43.5	42.8	42.2
G06-2460 RR	41.3	40.1	41.8	41.8	41.8	43.5	43.4	43.3	43.0	42.2
N06-06	38.8	38.1	40.6	39.5	41.0	41.7	41.0	41.2	40.4	40.3
N07-187	39.9	39.0	40.4	41.1	39.3	40.9	41.4	41.6	41.7	40.6
N07-14182	40.2	39.3	42.5	40.7	40.1	41.2	41.4	41.2	43.0	41.1
N07-14313	39.6	40.0	40.6	39.5	40.3	41.8	39.9	40.9	41.5	40.5
N07-15546	40.8	40.0	41.7	40.1	41.3	41.5	41.8	43.5	43.9	41.6
N08-145	38.8	37.5	41.1	40.1	39.2	40.8	40.0	41.5	40.3	39.9
NCC06-1090	38.2	37.1	39.5	39.8	39.6	39.8	38.9	39.6	37.9	38.9
NCC06-5894R	40.8	39.6	41.3	42.9	41.7	41.2	40.5	41.3	40.8	41.1
NCC07-7961	39.1	39.2	39.8	41.3	40.6	40.5	39.9	40.6	38.3	39.9
NCC07-8138	37.1	37.3	40.8	40.1	39.3	40.8	39.9	40.6	38.2	39.3
NMS4-52-390	45.5	43.6	45.5	46.1	44.4	45.4	45.4	45.5	45.4	45.2
NMS5-111-6	44.0	44.2	45.6	45.3	44.4	46.0	45.9	45.1	45.8	45.1
R06-4475	37.9	38.2	40.0	41.3	39.3	41.4	40.7	41.4	40.0	40.0
R07-6669	38.2	38.1	41.8	41.6	39.6	41.2	41.1	41.2	40.1	40.3
R07-10322	38.7	39.5	42.1	39.1	41.7	42.4	40.9	41.3	41.3	40.8
R08-1178	37.9	38.3	39.1	39.4	40.8	40.7	40.7	40.3	39.5	39.6
R09-400	37.6	40.7	41.3	40.2	41.4	42.7	41.5	43.4	39.7	40.9
SC06-007RR	40.8	36.5	41.9	42.4	42.5	43.1	43.2	44.7	42.3	41.9
TN08-109	35.3	37.5	39.6	37.6	39.3	38.9	39.0	39.5	38.0	38.3
TN08-113	37.2	36.9	39.5	39.2	39.6	39.4	38.7	40.2	38.0	38.7
TN08-114	36.5	.	38.7	37.6	37.7	38.4	37.8	40.0	37.9	37.9
Mean	39.6	39.2	41.4	41.0	40.9	41.7	41.3	42.0	41.1	.

TABLE 62 - SIZE (GRAMS PER 100 SEED) FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Belle Mina, AL	Blackville, SC(A)	Bossier City, LA	Calhoun, GA	Clemson, SC	Fairhope, AL	Keiser, AR	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Tallassee, AL(A)	Tifton, GA	Test Mean
DILLON	16.3	14.9	16.2	14.8	16.9	16.0	17.6	.	14.5	13.6	13.3	.	11.1	14.8	15.0
AGS606RR	16.1	16.5	13.5	13.1	17.6	14.1	16.6	.	16.4	14.7	11.7	.	13.6	14.4	14.8
NC-ROY	14.2	14.3	13.2	14.6	16.1	13.8	16.7	.	12.4	12.8	12.3	.	9.6	13.3	13.6
G05-1102 RR	14.2	13.9	14.0	13.6	16.3	15.3	17.9	.	14.3	13.6	9.4	.	11.0	13.5	13.9
G06-2460 RR	14.3	13.9	15.2	13.1	16.8	15.1	17.3	.	15.6	14.0	12.8	.	12.2	13.0	14.4
N06-06	14.5	12.2	12.8	15.4	14.7	12.2	15.0	.	14.5	12.5	14.0	.	11.2	12.7	13.5
N07-187	15.4	14.4	12.4	14.2	15.4	13.3	17.1	.	14.9	14.1	14.0	.	12.3	13.8	14.3
N07-14182	17.6	16.0	16.5	15.3	20.0	16.9	17.4	.	16.8	14.6	13.1	.	13.1	14.6	16.0
N07-14313	16.2	16.6	16.2	15.7	17.8	17.2	19.2	.	17.9	14.5	12.5	.	13.3	15.5	16.1
N07-15546	12.6	12.8	15.2	12.3	16.8	14.8	15.2	.	12.6	12.0	14.5	.	9.7	11.5	13.3
N08-145	15.2	15.5	12.8	16.0	17.4	13.0	18.4	.	16.2	14.0	12.3	.	12.0	15.2	14.8
NCC06-1090	17.8	16.8	19.0	15.7	19.9	17.2	20.2	.	17.5	16.2	15.3	.	14.2	17.2	17.3
NCC06-5894R	12.5	12.8	12.5	10.7	14.0	12.5	15.2	.	12.8	10.6	11.9	.	9.1	11.7	12.2
NCC07-7961	16.3	15.3	14.8	13.3	16.7	14.3	17.1	.	17.2	14.6	12.3	.	13.2	15.4	15.0
NCC07-8138	16.8	16.6	16.2	15.7	19.3	16.2	17.3	.	18.5	15.0	13.6	.	14.7	17.6	16.5
NMS4-52-390	7.6	9.1	9.2	7.2	9.8	8.5	9.9	.	8.9	7.1	11.5	.	7.4	8.4	8.7
NMS5-111-6	10.4	11.0	9.3	9.2	12.7	10.0	12.1	.	9.9	9.1	11.7	.	8.0	9.3	10.2
R06-4475	12.8	13.5	13.2	13.9	16.4	14.0	16.4	.	15.4	12.4	12.6	.	13.2	14.0	14.0
R07-6669	14.2	13.7	12.5	13.0	15.6	12.2	15.5	.	14.2	13.2	12.9	.	11.4	15.2	13.6
R07-10322	16.1	15.6	16.6	15.9	18.4	16.5	20.0	.	18.6	15.3	13.5	.	15.6	16.1	16.5
R08-1178	16.7	16.6	15.2	15.2	19.1	15.2	19.4	.	17.7	15.5	12.0	.	14.5	15.6	16.1
R09-400	15.0	15.0	14.3	14.8	16.3	15.2	16.0	.	15.8	13.3	14.0	.	12.8	15.4	14.8
SC06-007RR	19.6	19.1	16.3	12.3	20.2	18.2	18.9	.	19.9	18.5	15.8	.	14.8	17.3	17.6
TN08-109	15.1	15.3	13.2	11.8	17.8	12.8	18.2	.	16.4	13.2	13.8	.	14.0	14.7	14.7
TN08-113	16.5	15.8	13.8	13.5	18.9	14.2	17.7	.	17.7	14.9	12.1	.	14.4	15.5	15.4
TN08-114	14.8	14.9	13.2	12.6	17.1	13.1	15.6	.	16.3	13.3	14.3	.	13.4	15.8	14.5
Mean	15.0	14.7	14.1	13.6	16.8	14.3	16.8	.	15.5	13.6	13.0	.	12.3	14.3	.

TABLE 63 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

Delta

STRAIN/ VARIETY	*Keiser, AR*	*Stoneville, MS*	*Stuttgart, AR*	*Area Mean*
DILLON	10/3	9/28	10/2	10/1
AGS606RR	2	-1	-3	-1
NC-ROY	4	13	4	7
G05-1102 RR	2	14	6	7
G06-2460 RR	0	8	0	2
N06-06	0	-1	5	2
N07-187	1	7	3	3
N07-14182	1	11	6	6
N07-14313	0	-1	-3	-1
N07-15546	0	14	2	5
N08-145	0	-2	-1	-1
NCC06-1090	0	0	1	1
NCC06-5894R	1	6	6	4
NCC07-7961	1	-4	-8	-3
NCC07-8138	1	-2	1	0
NMS4-52-390	1	14	2	5
NMS5-111-6	2	21	3	8
R06-4475	1	-3	-3	-2
R07-6669	2	-3	-5	-2
R07-10322	0	-3	-4	-2
R08-1178	1	-3	-3	-2
R09-400	3	-2	-5	-1
SC06-007RR	0	-4	-6	-3
TN08-109	-1	-3	-3	-2
TN08-113	-1	-3	-4	-2
TN08-114	1	-3	-5	-2
Mean	1	3	-1	1

TABLE 63 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

East

STRAIN/ VARIETY	*Kinston, NC(B)*	*Plymouth, NC(A)*	*Area Mean*
DILLON	10/11	10/15	10/13
AGS606RR	-1	-1	-1
NC-ROY	2	5	4
G05-1102 RR	5	6	6
G06-2460 RR	0	1	1
N06-06	4	4	4
N07-187	5	8	7
N07-14182	5	4	5
N07-14313	-1	-1	-1
N07-15546	6	9	7
N08-145	-2	1	-1
NCC06-1090	1	5	3
NCC06-5894R	2	4	3
NCC07-7961	-6	-6	-6
NCC07-8138	1	1	1
NMS4-52-390	5	1	3
NMS5-111-6	4	3	3
R06-4475	-2	-5	-3
R07-6669	-4	-5	-4
R07-10322	-2	-2	-2
R08-1178	-2	-1	-1
R09-400	-1	-5	-3
SC06-007RR	-3	-6	-4
TN08-109	-3	-3	-3
TN08-113	-3	-5	-4
TN08-114	-3	-3	-3
Mean	0	0	0

TABLE 63 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

South

STRAIN/ VARIETY	*Athens, GA(A)*	*Belle Mina, AL*	*Blackville, SC(A)*	*Calhoun, GA*	*Clemson, SC*	*Fairhope, AL*	*Tallassee, AL(A)*	*Tifton, GA*	*Area Mean*
DILLON	10/9	10/12	10/18	10/15	10/20	10/8	10/4	9/30	10/11
AGS606RR	-3	2	2	-5	2	0	0	-6	-1
NC-ROY	4	2	2	4	1	7	1	7	4
G05-1102 RR	4	4	5	2	2	8	3	6	4
G06-2460 RR	0	1	1	0	0	2	1	1	1
N06-06	-3	0	1	-1	3	4	1	5	1
N07-187	7	4	2	4	3	6	5	8	5
N07-14182	4	3	2	4	1	5	5	8	4
N07-14313	-1	-1	-1	-4	-5	-1	0	-3	-2
N07-15546	5	4	7	6	4	7	4	9	6
N08-145	-1	0	0	-4	-1	0	0	-4	-1
NCC06-1090	-1	3	4	7	-1	6	2	0	2
NCC06-5894R	5	4	2	7	0	8	2	8	4
NCC07-7961	-9	-14	-4	-10	-8	0	0	-10	-7
NCC07-8138	-1	2	0	1	-2	-1	0	0	0
NMS4-52-390	5	4	4	11	0	4	2	3	4
NMS5-111-6	3	5	4	5	3	8	2	5	4
R06-4475	-6	-6	-1	0	-6	0	0	-8	-3
R07-6669	-1	-3	-2	-2	-5	-1	0	-3	-2
R07-10322	-5	1	1	-3	1	3	0	-2	0
R08-1178	-2	1	0	0	-3	1	0	-7	-1
R09-400	-3	-3	-4	-8	-9	0	0	-8	-4
SC06-007RR	-1	1	8	-4	6	-1	2	-9	0
TN08-109	-4	-1	-3	-6	-4	0	0	-5	-3
TN08-113	-2	-2	-1	-6	-1	-1	0	-3	-2
TN08-114	-3	-3	0	-4	-3	1	3	-3	-1
Mean	0	0	1	0	-1	2	1	0	0

TABLE 63 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***Area Mean***
DILLON	9/28	9/28
AGS606RR	-4	-4
NC-ROY	-4	-4
G05-1102 RR	0	0
G06-2460 RR	-8	-8
N06-06	0	0
N07-187	0	0
N07-14182	0	0
N07-14313	-11	-11
N07-15546	0	0
N08-145	0	0
NCC06-1090	-8	-8
NCC06-5894R	0	0
NCC07-7961	-15	-15
NCC07-8138	-11	-11
NMS4-52-390	7	7
NMS5-111-6	0	0
R06-4475	-14	-14
R07-6669	-12	-12
R07-10322	-11	-11
R08-1178	-11	-11
R09-400	-11	-11
SC06-007RR	-15	-15
TN08-109	-14	-14
TN08-113	-15	-15
TN08-114	-15	-15
Mean	-7	-7

TABLE 64 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

Delta

STRAIN/ VARIETY	***Keiser, AR***	***Stoneville, MS***	***Stuttgart, AR***	***Area Mean***
DILLON	39	47	40	42
AGS606RR	42	42	33	39
NC-ROY	43	44	41	43
G05-1102 RR	40	40	39	40
G06-2460 RR	47	41	34	41
N06-06	43	35	35	38
N07-187	41	29	40	37
N07-14182	42	30	33	35
N07-14313	41	30	35	35
N07-15546	42	37	40	40
N08-145	42	33	30	35
NCC06-1090	42	38	34	38
NCC06-5894R	40	25	32	32
NCC07-7961	41	31	30	34
NCC07-8138	51	32	32	38
NMS4-52-390	43	29	38	37
NMS5-111-6	43	25	33	34
R06-4475	41	37	36	38
R07-6669	42	41	39	41
R07-10322	43	39	36	39
R08-1178	39	32	34	35
R09-400	40	40	40	40
SC06-007RR	42	43	40	42
TN08-109	39	40	31	37
TN08-113	45	40	35	40
TN08-114	43	41	34	39
Mean	42	36	36	.

TABLE 64 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

East

STRAIN/ VARIETY	*Kinston, NC(B)*	*Plymouth, NC(A)*	*Area Mean*
DILLON	42	39	41
AGS606RR	34	34	34
NC-ROY	35	39	37
G05-1102 RR	35	42	38
G06-2460 RR	32	36	34
N06-06	29	36	32
N07-187	36	44	39
N07-14182	31	35	33
N07-14313	31	34	32
N07-15546	34	41	37
N08-145	30	30	30
NCC06-1090	31	37	34
NCC06-5894R	27	35	31
NCC07-7961	25	31	28
NCC07-8138	28	29	29
NMS4-52-390	31	31	31
NMS5-111-6	32	35	33
R06-4475	35	36	35
R07-6669	37	41	39
R07-10322	33	37	35
R08-1178	31	35	33
R09-400	39	37	38
SC06-007RR	35	39	37
TN08-109	29	30	29
TN08-113	30	34	32
TN08-114	31	30	31
Mean	32	35	.

TABLE 64 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Belle Mina, AL	Blackville, SC(A)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tallassee, AL(A)	Tifton, GA	Area Mean
DILLON	31	41	41	43	35	29	44	40	38
AGS606RR	24	35	35	39	32	21	38	32	32
NC-ROY	29	36	39	41	41	30	43	30	36
G05-1102 RR	27	41	39	46	40	31	43	36	38
G06-2460 RR	25	37	35	39	33	25	35	31	33
N06-06	24	34	33	39	30	22	36	31	31
N07-187	28	36	39	40	36	27	40	28	34
N07-14182	26	39	35	37	34	24	36	22	32
N07-14313	20	34	33	38	28	22	32	22	29
N07-15546	28	39	37	40	36	32	41	31	36
N08-145	22	36	32	35	33	22	34	25	30
NCC06-1090	24	35	39	32	34	27	41	27	32
NCC06-5894R	24	36	35	38	31	26	37	23	31
NCC07-7961	19	34	32	31	27	24	28	25	28
NCC07-8138	21	31	28	35	29	18	31	25	27
NMS4-52-390	29	31	34	34	33	24	41	23	31
NMS5-111-6	26	28	34	35	38	25	39	27	32
R06-4475	26	37	35	32	34	25	37	33	32
R07-6669	27	37	39	40	38	27	43	37	36
R07-10322	25	33	34	36	33	27	39	28	32
R08-1178	25	34	38	35	33	27	37	27	32
R09-400	27	41	34	42	37	28	38	37	36
SC06-007RR	25	37	38	43	36	28	40	35	35
TN08-109	23	34	34	38	28	22	33	26	30
TN08-113	26	37	33	38	33	24	40	30	33
TN08-114	25	35	34	37	32	27	34	32	32
Mean	25	36	35	38	34	26	38	29	.

TABLE 64 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

West

STRAIN/ VARIETY	*Bossier City, LA*	*Area Mean*
DILLON	32	32
AGS606RR	29	29
NC-ROY	24	24
G05-1102 RR	28	28
G06-2460 RR	27	27
N06-06	26	26
N07-187	19	19
N07-14182	15	15
N07-14313	22	22
N07-15546	24	24
N08-145	23	23
NCC06-1090	27	27
NCC06-5894R	20	20
NCC07-7961	24	24
NCC07-8138	22	22
NMS4-52-390	19	19
NMS5-111-6	25	25
R06-4475	29	29
R07-6669	30	30
R07-10322	26	26
R08-1178	28	28
R09-400	32	32
SC06-007RR	35	35
TN08-109	23	23
TN08-113	27	27
TN08-114	25	25
Mean	25	.

TABLE 65 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

Delta

STRAIN/ VARIETY	*Keiser, AR*	*Stoneville, MS*	*Stuttgart, AR*	*Area Mean*
DILLON	2.0	3.0	1.7	2.0
AGS606RR	1.7	3.0	3.0	2.4
NC-ROY	2.3	3.0	3.0	2.7
G05-1102 RR	2.3	3.0	1.7	2.1
G06-2460 RR	2.3	2.0	2.7	2.4
N06-06	2.0	3.0	2.7	2.4
N07-187	2.3	2.0	3.7	2.9
N07-14182	2.7	2.0	1.0	1.9
N07-14313	1.3	2.0	3.0	2.1
N07-15546	1.7	3.0	2.3	2.1
N08-145	2.0	3.0	2.7	2.4
NCC06-1090	2.3	3.0	3.0	2.7
NCC06-5894R	2.3	3.0	1.3	2.0
NCC07-7961	2.7	3.0	2.7	2.7
NCC07-8138	2.3	2.0	2.7	2.4
NMS4-52-390	2.0	5.0	3.7	3.1
NMS5-111-6	2.7	5.0	4.0	3.6
R06-4475	1.7	3.0	3.0	2.4
R07-6669	2.3	3.0	2.3	2.4
R07-10322	1.7	3.0	3.0	2.4
R08-1178	1.7	4.0	1.3	1.9
R09-400	2.0	4.0	2.0	2.3
SC06-007RR	2.0	4.0	2.3	2.4
TN08-109	2.3	2.0	1.0	1.7
TN08-113	2.0	4.0	2.0	2.3
TN08-114	1.7	4.0	1.0	1.7
Mean	2.1	3.1	2.4	.

TABLE 65 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

East

STRAIN/ VARIETY	*Kinston, NC(B)*	*Plymouth, NC(A)*	*Area Mean*
DILLON	2.5	1.8	2.2
AGS606RR	1.8	1.5	1.7
NC-ROY	2.0	3.0	2.4
G05-1102 RR	1.5	1.3	1.4
G06-2460 RR	1.2	2.0	1.5
N06-06	1.3	1.5	1.4
N07-187	2.0	3.8	2.7
N07-14182	1.5	1.8	1.6
N07-14313	1.2	1.5	1.3
N07-15546	1.8	2.0	1.9
N08-145	1.7	1.8	1.7
NCC06-1090	1.2	2.8	1.8
NCC06-5894R	1.2	1.3	1.2
NCC07-7961	1.0	1.8	1.3
NCC07-8138	1.3	1.0	1.2
NMS4-52-390	2.5	3.8	3.0
NMS5-111-6	3.2	3.5	3.3
R06-4475	1.8	2.0	1.9
R07-6669	1.8	2.8	2.2
R07-10322	1.5	2.0	1.7
R08-1178	1.2	1.5	1.3
R09-400	1.7	1.5	1.6
SC06-007RR	1.7	2.8	2.1
TN08-109	1.2	1.5	1.3
TN08-113	1.0	1.8	1.3
TN08-114	1.0	1.3	1.1
Mean	1.6	2.0	.

TABLE 65 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Belle Mina, AL	Blackville, SC(A)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tallassee, AL(A)	Tifton, GA	Area Mean
DILLON	1.0	1.3	2.5	1.0	2.5	2.0	1.0	1.8	1.6
AGS606RR	1.0	1.0	1.3	1.3	1.8	1.7	1.0	1.0	1.3
NC-ROY	1.0	2.0	3.2	1.7	3.5	2.7	2.0	1.0	2.1
G05-1102 RR	1.0	1.0	1.3	1.2	2.0	1.7	1.0	1.0	1.3
G06-2460 RR	1.0	1.0	1.0	1.0	1.7	1.7	1.0	1.0	1.2
N06-06	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.1
N07-187	1.0	2.0	2.8	2.0	2.8	2.0	1.3	1.0	1.9
N07-14182	1.0	1.7	1.8	1.2	2.2	1.3	2.3	1.0	1.6
N07-14313	1.0	1.0	1.0	1.3	1.7	1.7	1.0	1.0	1.2
N07-15546	1.0	1.7	3.2	1.5	2.8	2.7	1.0	1.0	1.9
N08-145	1.0	1.3	1.8	2.0	2.3	1.0	1.3	1.0	1.5
NCC06-1090	1.0	1.7	2.7	1.2	2.3	2.7	1.7	1.0	1.8
NCC06-5894R	1.0	1.0	1.3	1.2	2.2	2.0	1.0	1.0	1.3
NCC07-7961	1.0	1.0	1.2	1.0	1.8	2.3	1.0	1.0	1.3
NCC07-8138	1.0	1.0	1.2	1.0	1.3	1.7	1.0	1.1	1.2
NMS4-52-390	1.3	2.3	4.0	1.7	4.2	3.0	4.3	1.3	2.8
NMS5-111-6	1.3	2.7	4.5	3.3	5.0	3.0	4.3	1.3	3.2
R06-4475	1.0	2.0	2.3	1.2	3.0	2.3	1.3	2.0	1.9
R07-6669	1.0	2.0	2.7	1.2	3.3	2.7	1.3	1.7	2.0
R07-10322	1.0	1.7	2.2	1.2	2.7	2.0	1.0	1.0	1.6
R08-1178	1.0	1.3	1.0	1.2	1.7	2.0	1.0	1.0	1.3
R09-400	1.0	1.0	1.3	1.0	2.3	2.0	1.0	1.0	1.3
SC06-007RR	1.0	1.3	2.3	1.2	2.8	3.0	1.3	2.2	1.9
TN08-109	1.0	1.0	1.2	1.0	1.0	1.7	1.0	1.3	1.1
TN08-113	1.0	1.3	2.0	1.0	1.8	2.0	1.0	1.0	1.4
TN08-114	1.0	1.0	1.0	1.0	1.5	1.7	1.0	1.0	1.1
Mean	1.0	1.4	2.0	1.3	2.4	2.1	1.4	1.2	.

TABLE 65 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***Area Mean***
DILLON	1.0	1.0
AGS606RR	1.0	1.0
NC-ROY	1.0	1.0
G05-1102 RR	1.0	1.0
G06-2460 RR	1.0	1.0
N06-06	1.0	1.0
N07-187	1.0	1.0
N07-14182	1.0	1.0
N07-14313	1.2	1.2
N07-15546	1.0	1.0
N08-145	1.0	1.0
NCC06-1090	1.0	1.0
NCC06-5894R	1.0	1.0
NCC07-7961	1.0	1.0
NCC07-8138	1.0	1.0
NMS4-52-390	1.0	1.0
NMS5-111-6	1.0	1.0
R06-4475	1.2	1.2
R07-6669	1.5	1.5
R07-10322	1.0	1.0
R08-1178	1.0	1.0
R09-400	1.0	1.0
SC06-007RR	1.5	1.5
TN08-109	1.0	1.0
TN08-113	1.2	1.2
TN08-114	1.0	1.0
Mean	1.1	.

TABLE 66 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

Delta

STRAIN/ VARIETY	Keiser, AR	Stoneville, MS	Stuttgart, AR	Area Mean
DILLON	.	2.0	.	2.0
AGS606RR	.	2.0	.	2.0
NC-ROY	.	2.0	.	2.0
G05-1102 RR	.	2.0	.	2.0
G06-2460 RR	.	2.0	.	2.0
N06-06	.	2.0	.	2.0
N07-187	.	2.0	.	2.0
N07-14182	.	2.0	.	2.0
N07-14313	.	2.0	.	2.0
N07-15546	.	2.0	.	2.0
N08-145	.	2.0	.	2.0
NCC06-1090	.	2.0	.	2.0
NCC06-5894R	.	2.0	.	2.0
NCC07-7961	.	2.0	.	2.0
NCC07-8138	.	2.0	.	2.0
NMS4-52-390	.	2.0	.	2.0
NMS5-111-6	.	2.0	.	2.0
R06-4475	.	2.0	.	2.0
R07-6669	.	2.0	.	2.0
R07-10322	.	2.0	.	2.0
R08-1178	.	2.0	.	2.0
R09-400	.	2.0	.	2.0
SC06-007RR	.	2.0	.	2.0
TN08-109	.	2.0	.	2.0
TN08-113	.	2.0	.	2.0
TN08-114	.	2.0	.	2.0
Mean	.	2.0	.	.

TABLE 66 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

East

STRAIN/ VARIETY	*Kinston, NC(B)*	*Plymouth, NC(A)*	*Area Mean*
DILLON	1.0	.	1.0
AGS606RR	1.0	.	1.0
NC-ROY	1.0	.	1.0
G05-1102 RR	1.0	.	1.0
G06-2460 RR	1.0	.	1.0
N06-06	1.0	.	1.0
N07-187	1.0	.	1.0
N07-14182	1.0	.	1.0
N07-14313	1.0	.	1.0
N07-15546	1.0	.	1.0
N08-145	1.3	.	1.3
NCC06-1090	1.0	.	1.0
NCC06-5894R	1.0	.	1.0
NCC07-7961	1.3	.	1.3
NCC07-8138	1.0	.	1.0
NMS4-52-390	1.0	.	1.0
NMS5-111-6	1.0	.	1.0
R06-4475	1.2	.	1.2
R07-6669	1.3	.	1.3
R07-10322	1.0	.	1.0
R08-1178	1.0	.	1.0
R09-400	1.0	.	1.0
SC06-007RR	1.3	.	1.3
TN08-109	1.2	.	1.2
TN08-113	1.0	.	1.0
TN08-114	1.0	.	1.0
Mean	1.1	.	.

TABLE 66 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Belle Mina, AL	Blackville, SC(A)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tallassee, AL(A)	Tifton, GA	Area Mean
DILLON	1.0	2.0	.	1.5	.	2.3	2.0	1.5	1.7
AGS606RR	2.0	2.0	.	1.5	.	3.3	2.0	1.5	2.1
NC-ROY	1.3	2.0	.	1.5	.	2.0	2.0	1.5	1.7
G05-1102 RR	1.7	2.0	.	1.3	.	2.0	2.0	1.7	1.8
G06-2460 RR	1.0	1.0	.	1.2	.	2.0	2.0	1.7	1.5
N06-06	2.0	2.0	.	1.5	.	2.0	2.0	1.8	1.9
N07-187	1.7	2.0	.	1.3	.	1.3	2.0	1.7	1.7
N07-14182	2.2	2.0	.	1.7	.	3.0	2.3	1.8	2.2
N07-14313	1.0	2.0	.	1.5	.	2.3	2.0	1.7	1.8
N07-15546	2.0	2.0	.	1.5	.	3.0	3.0	1.5	2.2
N08-145	1.7	2.0	.	1.3	.	2.0	2.0	1.5	1.8
NCC06-1090	2.2	2.0	.	1.5	.	2.0	2.0	1.7	1.9
NCC06-5894R	1.3	2.0	.	1.3	.	2.3	2.0	1.8	1.8
NCC07-7961	2.3	2.0	.	1.5	.	3.7	2.0	1.7	2.2
NCC07-8138	2.0	2.0	.	1.0	.	2.3	2.0	1.7	1.8
NMS4-52-390	1.3	2.0	.	1.2	.	2.0	3.0	1.5	1.8
NMS5-111-6	1.7	3.0	.	1.3	.	3.0	2.0	1.5	2.1
R06-4475	2.2	2.0	.	1.5	.	2.3	2.0	1.5	1.9
R07-6669	2.2	2.0	.	1.5	.	2.7	2.0	1.5	2.0
R07-10322	1.7	2.0	.	1.5	.	3.1	2.0	2.0	2.0
R08-1178	2.0	3.0	.	1.5	.	3.0	2.0	1.5	2.2
R09-400	1.8	2.0	.	1.5	.	3.3	2.0	1.7	2.1
SC06-007RR	2.2	2.0	.	1.5	.	3.3	2.0	1.8	2.1
TN08-109	2.2	2.0	.	1.5	.	2.7	1.7	1.5	1.9
TN08-113	1.7	2.0	.	1.5	.	2.0	2.0	2.0	1.9
TN08-114	2.0	2.0	.	1.3	.	2.0	2.3	1.5	1.9
Mean	1.8	2.0	.	1.4	.	2.5	2.1	1.6	.

TABLE 66 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***Area Mean***
DILLON	1.0	1.0
AGS606RR	1.0	1.0
NC-ROY	1.0	1.0
G05-1102 RR	1.0	1.0
G06-2460 RR	1.0	1.0
N06-06	1.0	1.0
N07-187	1.0	1.0
N07-14182	1.0	1.0
N07-14313	1.0	1.0
N07-15546	1.0	1.0
N08-145	1.0	1.0
NCC06-1090	1.0	1.0
NCC06-5894R	1.0	1.0
NCC07-7961	2.0	2.0
NCC07-8138	1.0	1.0
NMS4-52-390	2.0	2.0
NMS5-111-6	2.0	2.0
R06-4475	1.7	1.7
R07-6669	1.0	1.0
R07-10322	1.0	1.0
R08-1178	1.0	1.0
R09-400	1.0	1.0
SC06-007RR	2.0	2.0
TN08-109	2.0	2.0
TN08-113	2.0	2.0
TN08-114	1.7	1.7
Mean	1.3	.

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TABLE 67 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2012

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	DILLON	Centennial x Young		
2	AGS606RR	Commercial check		
3	NC-ROY	Holladay X Brim		
4	LL05-14	FAM94-41-3 x N98-4445A		
5	N04-05N41	NC-Royx (NC-RoyxCX1834)		
6	N06-10074	Young x N6202	F4	DIV (25% exotic pedigree)
7	N06-10194	Young x N6202	F4	DIV (25% exotic pedigree)
8	N06-10237	Young x N6202	F4	DIV (25% exotic pedigree)
9	N07-14704	Young x N94-7350(SUZ)	F4	DIV (25% exotic pedigree)
10	N07-14718	Young x N94-7350(SUZ)	F4	DIV (25% exotic pedigree)
11	N07-14753	Young x N94-7350(SUZ)	F4	DIV (25% exotic pedigree)
12	N08-148	N99-186 X TN99-117		
13	N08-374	S99-1171 X N00-370		
14	N6202	N6201 × N95-7390	F4	(25% exotic pedigree)
15	NCC09-135			
16	NCC09-1603			
17	NCC09-200718-6-36			
18	NCC09-200720-1-31			
19	NCC09-200722-2-3			
20	R09-319	BA 015355 x R00-684	F5	
21	R09-886	R01-315 x JTN-01	F5	
22	R09-1822	UA 4805 x R01-4747RR	F4	
23	R09-2988	TN02-204 x Osage	F5	
24	R09-5088	5002T x UA 4805	F4	
25	TN08-100	5601T x PI417088		(50% exotic pedigree)
26	TN08-106	TN02-303 × S98-1375		
27	TN09- 44,420	TN02-226 × MON RR2Y		
28	TN09- 48,263	TN02-226 × MON RR2Y		
29	VS08-1038	Late Giant x Pella	F8	
30	VS10-1294	Satellite X Mooncake	F7	
31	VS20-414	PI423905 x York	F8	(50% exotic pedigree)
32	YoungBC4LX	Young Backcross	F4	
33	NCC06-1090	N99-8137xTN99-117	F4:9	

TABLE 68 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY GROWN IN PRELIMINARY TEST VI FOR YEAR 2012

STRAIN/ VARIETY	SEED YIELD	RANK	AVG. RANK	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SIZE	% PROTEIN	% OIL	HG TYPE 1.2.5.7 Race 2	HG TYPE 5.7 Race 3	HG TYPE 2.5.7 Race 5	SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR
DILLON	55.4	14	15	0	2.3	39	1.7	13.8	41.2	22.1	5	5	5	MS	4	P	G	T
AGS606RR	52.5	23	22	-1	2.4	36	1.8	14.5	43.8	21.1	5	4	5	R	1	W	T	T
NC-ROY	55.6	13	15	3	2.8	38	1.8	12.9	42.1	21.0	5	4	4	R	1	W	G	BR
LL05-14	47.1	31	25	1	2.0	33	1.7	13.6	42.6	20.4	5	5	5	R	1	W	G	BR
N04-05N41	50.1	27	23	-1	2.0	35	1.7	14.6	41.5	20.7	5	5	5	R	1	W	G	BR
N06-10074	52.4	24	20	2	2.5	37	1.9	17.5	43.7	22.2	5	5	5	S	5	P	G	T
N06-10194	53.6	20	17	2	2.9	39	1.8	17.5	43.3	21.9	5	5	5	R	1	W	G	T
N06-10237	52.9	21	21	0	2.9	39	1.7	15.2	43.1	21.2	5	5	5	R	1	P	G	T
N07-14704	51.1	25	19	1	2.7	41	1.7	15.0	41.7	22.2	5	4	5	S	5	P	G	T
N07-14718	54.2	18	17	2	2.5	37	1.7	14.6	42.1	22.2	5	5	5	MS	4	P	G	T
N07-14753	57.8	9	10	1	2.3	35	1.7	15.2	42.0	21.9	5	5	4	MS	4	P	G	T
N08-148	50.8	26	21	-1	2.3	32	2.0	13.6	39.3	22.6	5	5	5	R	1	P	G	T
N08-374	55.9	12	15	0	1.9	32	1.7	14.2	41.0	22.6	5	5	5	R	1	P	G	T
N6202	48.7	30	22	2	2.9	41	1.7	19.7	45.0	21.2	5	5	5	R	1	P	G	T
NCC09-135	56.7	10	14	1	1.8	31	1.7	13.1	40.9	22.2	5	5	5	R	1	P	T	BR
NCC09-1603	58.8	6	12	-3	2.7	38	1.8	13.0	40.4	22.0	5	5	4	SS	3	P	G	BR
NCC09-200718-6-36	55.1	16	16	-4	1.5	30	1.8	12.2	39.1	22.6	5	5	4	R	1	W	T	T
NCC09-200720-1-31	60.2	3	10	-3	1.6	34	1.7	13.2	43.1	21.0	5	5	5	R	1	P	T	T
NCC09-200722-2-3	52.8	22	19	-3	2.5	33	1.8	12.2	40.7	22.9	5	4	3	R	1	S	S	T
R09-319	54.7	17	16	1	2.1	39	1.7	16.2	42.3	22.3	5	4	4	R	1	W	T	T
R09-886	58.5	7	13	-3	2.3	37	1.7	14.4	40.4	22.6	5	5	5	R	1	W	T	T
R09-1822	59.9	4	10	-3	2.3	33	1.8	12.8	40.9	21.8	5	4	4	R	1	P	G	T
R09-2988	56.4	11	17	-5	2.6	37	1.8	13.0	40.9	21.7	5	5	3	R	1	P	G	T
R09-5088	59.0	5	15	-2	2.4	37	2.0	12.5	41.8	21.2	5	3	5	R	1	P	G	T
TN08-100	58.5	8	10	-5	2.1	35	1.8	14.8	41.4	22.2	5	5	4	R	1	W	G	T
TN08-106	55.4	15	15	-3	1.7	36	1.8	14.0	38.4	22.5	3	4	1	R	1	W	T	T
TN09- 44,420	60.7	2	7	2	2.3	37	2.0	12.8	39.8	21.6	2	4	2	MS	4	P	G	T
TN09- 48,263	54.2	19	18	-2	1.7	38	2.0	13.3	39.5	21.8	2	2	2	S	5	P	T	T
VS08-1038	45.5	32	25	4	2.9	39	1.7	13.0	43.5	21.2	5	1	3	R	1	W	T	T
VS10-1294	50.0	28	23	3	2.9	41	1.8	14.4	42.6	21.3	5	4	5	R	1	P	G	T
VS20-414	29.0	33	32	10	2.5	40	2.6	19.6	43.1	20.2	5	4	5	R	1	P	T	T
YoungBC4LX	49.6	29	21	2	2.8	43	1.7	13.4	42.6	21.7	5	4	5	S	5	W	G	T
NCC06-1090	62.6	1	6	1	2.4	37	1.7	16.0	38.8	23.2	5	5	5	R	1	P	G	T
Mean	53.8	.	.	0	2.3	37	1.8	14.4	41.6	21.8	.	.	.		.			
LSD(0.05)	7.5	.	.	3	.	4	0.5	1.5	1.2	0.6	.	.	.		.			
CV(%)	13.5	.	.	-7000	.	12	18.6	8.2	2.3	2.2	.	.	.		.			

TABLE 69 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Clemson, SC	Keiser, AR	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Tallassee, AL(A)	Test Mean
DILLON	45.5	70.6	56.5	42.7	49.6	66.8	31.8	55.4
AGS606RR	42.9	61.9	52.2	40.0	53.3	64.5	40.3	52.5
NC-ROY	41.5	65.7	56.1	47.4	47.8	74.8	36.9	55.6
LL05-14	43.7	62.0	48.3	45.3	28.2	55.3	30.1	47.1
N04-05N41	37.0	57.5	52.3	46.4	46.3	60.2	30.1	50.1
N06-10074	44.2	72.5	45.1	45.5	45.2	62.2	34.5	52.4
N06-10194	38.8	71.4	53.0	47.9	46.5	64.0	35.3	53.6
N06-10237	46.2	68.2	52.4	44.8	42.9	62.7	36.8	52.9
N07-14704	49.3	52.3	54.9	47.3	43.8	60.8	34.2	51.1
N07-14718	33.5	68.9	49.9	49.4	47.9	76.7	32.7	54.2
N07-14753	54.3	70.0	53.5	50.3	48.1	71.9	29.8	57.8
N08-148	51.1	53.5	52.8	41.4	47.9	60.2	41.4	50.8
N08-374	48.9	70.6	55.2	43.4	53.8	63.1	48.2	55.9
N6202	49.4	55.1	46.4	48.7	39.5	53.3	29.1	48.7
NCC09-135	40.4	67.0	61.6	56.6	47.4	68.7	33.4	56.7
NCC09-1603	32.0	69.9	63.2	45.8	59.2	78.5	28.9	58.8
NCC09-200718-6-36	49.1	70.2	60.5	40.9	54.4	56.5	37.2	55.1
NCC09-200720-1-31	47.5	77.1	60.5	44.0	62.2	67.2	35.8	60.2
NCC09-200722-2-3	35.0	68.6	47.9	47.3	53.0	64.9	43.2	52.8
R09-319	42.6	70.2	46.6	47.3	54.5	67.2	43.1	54.7
R09-886	.	65.8	58.0	42.6	62.8	69.5	42.9	58.5
R09-1822	47.1	71.6	60.9	44.5	66.8	67.7	40.4	59.9
R09-2988	40.4	67.8	50.1	43.8	56.3	78.9	41.3	56.4
R09-5088	40.2	99.0	57.8	42.7	49.4	68.8	39.5	59.0
TN08-100	46.4	75.6	54.5	46.9	56.9	69.9	38.3	58.5
TN08-106	50.5	68.0	51.0	47.9	51.2	65.2	42.5	55.4
TN09- 44,420	52.2	73.2	56.4	45.1	60.7	76.8	38.2	60.7
TN09- 48,263	42.6	64.7	49.4	53.5	50.1	66.8	19.3	54.2
VS08-1038	50.1	50.3	39.7	45.4	35.4	55.3	31.9	45.5
VS10-1294	44.4	55.5	52.2	45.6	43.1	59.1	31.4	50.0
VS20-414	40.3	28.8	33.8	29.1	.	19.4	15.2	29.0
YoungBC4LX	50.5	53.2	55.3	39.7	33.4	67.1	20.6	49.6
NCC06-1090	54.1	78.8	53.9	62.4	56.1	72.6	32.5	62.6
Mean	44.7	65.9	52.8	45.8	49.8	64.7	34.7	53.8
LSD(0.05)	12.2	10.0	8.2	12.6	9.2	11.1	11.9	7.5
CV(%)	10.6	7.1	7.7	11.6	9.1	8.5	16.8	13.5

TABLE 70 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Clemson, SC	Keiser, AR	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Tallassee, AL(A)	Test Mean
DILLON	21.8	.	22.2	22.8	21.4	.	22.2	22.1
AGS606RR	20.6	.	21.3	20.9	20.6	.	22.2	21.1
NC-ROY	21.7	.	21.2	21.0	21.3	.	20.0	21.0
LL05-14	20.2	.	20.2	19.9	21.0	.	20.9	20.4
N04-05N41	20.5	.	21.2	20.2	20.4	.	21.0	20.7
N06-10074	21.9	.	22.0	22.0	22.1	.	23.0	22.2
N06-10194	22.3	.	21.9	21.5	21.2	.	22.6	21.9
N06-10237	21.8	.	21.3	21.2	20.0	.	21.9	21.2
N07-14704	22.3	.	22.5	22.3	21.5	.	22.5	22.2
N07-14718	22.1	.	22.1	22.9	21.4	.	22.6	22.2
N07-14753	22.1	.	21.9	21.8	21.0	.	22.5	21.9
N08-148	22.9	.	23.0	22.1	22.2	.	23.0	22.6
N08-374	22.2	.	22.7	22.2	22.3	.	23.7	22.6
N6202	21.4	.	20.8	21.5	20.1	.	22.1	21.2
NCC09-135	22.5	.	22.4	21.6	22.1	.	22.3	22.2
NCC09-1603	22.7	.	21.5	21.4	21.3	.	23.0	22.0
NCC09-200718-6-36	22.4	.	22.4	22.4	21.8	.	24.1	22.6
NCC09-200720-1-31	21.1	.	20.7	20.3	20.7	.	22.3	21.0
NCC09-200722-2-3	23.0	.	22.3	22.7	22.6	.	24.1	22.9
R09-319	22.2	.	21.9	22.1	22.2	.	23.1	22.3
R09-886	22.6	.	22.3	22.8	21.8	.	23.6	22.6
R09-1822	22.3	.	21.8	21.7	21.1	.	22.3	21.8
R09-2988	21.9	.	21.0	22.4	21.2	.	22.1	21.7
R09-5088	21.1	.	21.8	21.0	20.3	.	22.0	21.2
TN08-100	22.0	.	21.1	22.3	22.3	.	23.5	22.2
TN08-106	22.7	.	22.4	22.1	21.9	.	23.5	22.5
TN09- 44,420	21.6	.	21.7	21.4	20.9	.	22.4	21.6
TN09- 48,263	21.7	.	21.8	21.5	21.3	.	22.8	21.8
VS08-1038	21.1	.	21.3	21.1	20.8	.	21.8	21.2
VS10-1294	21.1	.	21.4	21.2	21.0	.	21.7	21.3
VS20-414	20.8	.	20.0	20.9	.	.	19.6	20.2
YoungBC4LX	21.9	.	21.4	22.6	21.1	.	21.4	21.7
NCC06-1090	22.5	.	22.3	.	22.8	.	25.3	23.2
Mean	21.8	.	21.7	21.7	21.4	.	22.5	.

TABLE 71 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Clemson, SC	Keiser, AR	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Tallassee, AL(A)	Test Mean
DILLON	41.5	.	42.2	37.9	42.9	.	41.3	41.2
AGS606RR	44.4	.	43.7	43.6	44.4	.	43.0	43.8
NC-ROY	42.1	.	41.8	41.6	41.6	.	43.2	42.1
LL05-14	43.2	.	43.8	42.9	41.3	.	41.6	42.6
N04-05N41	41.9	.	41.6	41.2	41.9	.	40.9	41.5
N06-10074	43.1	.	43.8	43.6	43.5	.	44.6	43.7
N06-10194	42.5	.	43.4	43.6	43.5	.	43.7	43.3
N06-10237	42.6	.	43.0	42.8	44.7	.	42.3	43.1
N07-14704	41.0	.	42.5	40.6	43.3	.	41.1	41.7
N07-14718	42.2	.	43.2	39.9	43.3	.	41.7	42.1
N07-14753	40.2	.	42.8	41.9	43.4	.	41.6	42.0
N08-148	39.2	.	40.0	39.3	39.4	.	38.5	39.3
N08-374	42.5	.	41.7	41.1	40.3	.	39.6	41.0
N6202	43.1	.	45.4	44.0	46.9	.	45.5	45.0
NCC09-135	40.1	.	41.0	42.0	39.9	.	41.5	40.9
NCC09-1603	39.1	.	41.7	40.9	41.0	.	39.1	40.4
NCC09-200718-6-36	40.2	.	40.1	38.1	39.6	.	37.5	39.1
NCC09-200720-1-31	42.7	.	44.0	43.7	42.7	.	42.4	43.1
NCC09-200722-2-3	40.7	.	42.4	40.3	40.2	.	39.7	40.7
R09-319	43.0	.	43.0	41.8	41.8	.	41.9	42.3
R09-886	41.0	.	41.6	38.2	41.4	.	39.7	40.4
R09-1822	41.2	.	41.9	39.8	41.1	.	40.5	40.9
R09-2988	41.0	.	43.3	38.1	41.9	.	40.2	40.9
R09-5088	41.6	.	42.4	41.0	43.0	.	40.8	41.8
TN08-100	42.0	.	43.1	40.7	41.1	.	40.2	41.4
TN08-106	38.2	.	39.5	38.2	38.9	.	37.4	38.4
TN09- 44,420	39.8	.	40.4	38.6	41.0	.	39.2	39.8
TN09- 48,263	39.9	.	40.2	38.2	40.6	.	38.8	39.5
VS08-1038	43.8	.	44.4	42.5	43.9	.	42.7	43.5
VS10-1294	42.8	.	43.2	42.1	43.2	.	41.7	42.6
VS20-414	42.8	.	44.0	40.7	.	.	44.5	43.1
YoungBC4LX	42.0	.	44.0	39.1	43.9	.	43.9	42.6
NCC06-1090	39.8	.	41.0	.	39.4	.	35.8	38.8
Mean	41.6	.	42.4	40.9	42.0	.	41.1	.

TABLE 72 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Clemson, SC	Keiser, AR	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Tallassee, AL(A)	Test Mean
DILLON	14.8	.	16.0	12.5	14.6	.	11.0	13.8
AGS606RR	14.2	.	16.9	14.8	12.6	.	13.9	14.5
NC-ROY	14.2	.	13.7	13.1	13.8	.	9.9	12.9
LL05-14	14.0	.	16.3	12.5	14.4	.	11.1	13.6
N04-05N41	14.5	.	16.3	14.1	15.5	.	12.6	14.6
N06-10074	18.2	.	20.9	18.9	13.4	.	16.2	17.5
N06-10194	19.0	.	19.3	17.9	16.6	.	14.8	17.5
N06-10237	17.2	.	17.4	15.7	12.9	.	12.7	15.2
N07-14704	16.8	.	16.7	15.1	14.1	.	12.5	15.0
N07-14718	15.2	.	19.1	12.7	14.3	.	11.8	14.6
N07-14753	16.4	.	17.4	15.4	14.3	.	12.5	15.2
N08-148	15.3	.	15.2	12.6	13.2	.	11.7	13.6
N08-374	14.9	.	16.3	13.3	14.4	.	12.0	14.2
N6202	19.7	.	21.7	23.1	16.3	.	17.8	19.7
NCC09-135	15.8	.	14.6	13.9	10.6	.	10.7	13.1
NCC09-1603	13.2	.	15.4	12.3	13.4	.	10.9	13.0
NCC09-200718-6-36	14.1	.	14.4	10.9	11.2	.	10.6	12.2
NCC09-200720-1-31	14.1	.	14.3	12.3	14.0	.	11.3	13.2
NCC09-200722-2-3	12.7	.	13.9	11.3	11.6	.	11.7	12.2
R09-319	16.2	.	19.5	16.7	14.3	.	14.1	16.2
R09-886	14.2	.	16.2	12.7	13.9	.	14.9	14.4
R09-1822	14.1	.	14.9	12.1	11.6	.	11.5	12.8
R09-2988	14.2	.	14.4	10.5	13.8	.	12.3	13.0
R09-5088	12.1	.	14.7	11.6	12.6	.	11.4	12.5
TN08-100	13.8	.	16.4	15.1	14.3	.	14.6	14.8
TN08-106	13.6	.	16.1	13.0	14.4	.	12.9	14.0
TN09- 44,420	12.9	.	15.0	12.9	12.0	.	11.3	12.8
TN09- 48,263	14.8	.	14.5	13.4	13.1	.	11.0	13.3
VS08-1038	11.2	.	16.1	11.9	15.2	.	10.7	13.0
VS10-1294	15.9	.	17.3	15.1	11.9	.	12.0	14.4
VS20-414	19.5	.	22.3	20.6	.	.	16.6	19.6
YoungBC4LX	13.5	.	16.5	12.5	13.6	.	11.0	13.4
NCC06-1090	18.7	.	18.2	16.3	12.9	.	13.8	16.0
Mean	15.1	.	16.6	14.1	13.6	.	12.5	.

TABLE 73 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Clemson, SC	Keiser, AR	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Tallassee, AL(A)	Test Mean
DILLON	10/20	10/6	10/15	10/15	9/29	10/11	10/4	10/10
AGS606RR	3	-3	-3	-1	-1	-2	0	-1
NC-ROY	1	0	2	5	14	0	2	3
LL05-14	-1	-3	2	1	8	-1	0	1
N04-05N41	-6	-4	-3	-1	8	-3	-2	-1
N06-10074	5	-6	4	4	10	-1	1	2
N06-10194	4	-3	2	2	7	1	1	2
N06-10237	-1	-4	1	2	7	-1	-1	0
N07-14704	0	-4	2	1	7	-1	1	1
N07-14718	3	-4	4	4	7	-1	2	2
N07-14753	2	-4	-1	2	6	-1	-1	1
N08-148	0	-1	-2	1	-2	-8	2	-1
N08-374	-1	-5	2	2	-2	0	1	0
N6202	3	-2	4	6	9	-4	1	2
NCC09-135	-1	-4	-2	2	14	0	0	1
NCC09-1603	-7	-5	-2	-5	-1	-1	0	-3
NCC09-200718-6-36	-5	-4	-6	-6	-5	-1	-1	-4
NCC09-200720-1-31	-4	-3	-2	-2	-1	-7	-1	-3
NCC09-200722-2-3	-4	0	-1	-4	-5	-5	-1	-3
R09-319	4	-4	0	4	6	0	-1	1
R09-886	-4	-3	-3	-5	-3	-4	0	-3
R09-1822	-6	3	-3	-3	-5	-6	-2	-3
R09-2988	-10	-5	-4	-6	-5	-7	-1	-5
R09-5088	-5	-4	-2	-4	-3	-1	0	-2
TN08-100	-5	-4	-3	-6	-4	-9	-1	-5
TN08-106	-2	0	-3	-5	-5	-7	-1	-3
TN09- 44,420	3	-4	-1	5	10	0	0	2
TN09- 48,263	-2	-4	-4	1	-3	0	-1	-2
VS08-1038	7	-4	4	6	9	-4	8	4
VS10-1294	6	-4	3	6	11	-1	3	3
VS20-414	13	-3	19	18	.	-1	12	10
YoungBC4LX	1	-1	2	2	9	0	0	2
NCC06-1090	2	-4	3	3	9	-6	0	1
Mean	0	-3	0	1	3	-2	1	.

TABLE 74 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Clemson, SC	Keiser, AR	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Tallassee, AL(A)	Test Mean
DILLON	39	37	42	41	36	41	37	39
AGS606RR	33	40	46	33	30	32	37	36
NC-ROY	36	36	45	40	33	38	36	38
LL05-14	30	40	36	33	27	29	36	33
N04-05N41	29	37	36	37	29	37	38	35
N06-10074	32	38	40	38	40	34	37	37
N06-10194	34	38	41	39	39	37	43	39
N06-10237	34	40	42	41	39	40	37	39
N07-14704	36	41	43	40	45	46	38	41
N07-14718	28	36	41	34	43	42	39	37
N07-14753	34	35	39	37	33	38	33	35
N08-148	27	38	36	28	32	33	32	32
N08-374	28	42	34	32	29	27	32	32
N6202	34	39	42	43	42	42	42	40
NCC09-135	31	48	30	33	14	29	31	31
NCC09-1603	34	39	45	33	43	36	35	38
NCC09-200718-6-36	23	38	31	26	25	31	32	30
NCC09-200720-1-31	32	37	32	35	31	35	36	34
NCC09-200722-2-3	28	36	36	31	34	35	29	33
R09-319	32	41	45	40	42	37	39	39
R09-886	32	38	41	40	36	37	39	37
R09-1822	27	39	33	29	35	32	34	33
R09-2988	31	39	36	33	42	37	37	36
R09-5088	34	35	38	33	41	43	37	37
TN08-100	26	38	36	35	40	35	31	35
TN08-106	29	40	36	33	38	37	34	35
TN09- 44,420	35	36	41	33	41	38	34	37
TN09- 48,263	35	38	39	37	42	39	33	38
VS08-1038	34	49	33	36	37	44	36	38
VS10-1294	37	39	45	42	43	43	37	41
VS20-414	33	41	46	40	43	44	36	40
YoungBC4LX	39	36	43	43	54	41	42	43
NCC06-1090	32	37	35	38	44	38	36	37
Mean	32	39	39	36	37	37	36	.

TABLE 75 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Clemson, SC	Keiser, AR	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Tallassee, AL(A)	Test Mean
DILLON	2.5	2.0	3.0	2.5	3.0	2.0	1.0	2.3
AGS606RR	2.0	2.0	4.0	2.5	3.0	2.0	1.0	2.4
NC-ROY	3.5	2.0	3.7	3.0	3.0	3.0	1.5	2.8
LL05-14	2.5	2.0	3.0	2.0	2.0	1.5	1.0	2.0
N04-05N41	2.0	2.0	3.2	2.0	2.0	2.0	1.0	2.0
N06-10074	4.0	2.0	4.0	2.5	2.0	2.0	1.0	2.5
N06-10194	3.5	2.0	4.2	2.8	3.0	3.0	1.5	2.9
N06-10237	2.5	3.0	4.2	3.5	3.0	3.0	1.0	2.9
N07-14704	2.0	2.5	3.7	3.5	3.0	3.0	1.0	2.7
N07-14718	1.7	1.5	4.0	3.0	3.0	3.0	1.0	2.5
N07-14753	2.0	3.0	3.2	2.5	2.0	2.0	1.0	2.3
N08-148	1.0	3.0	4.2	1.7	2.0	3.0	1.0	2.3
N08-374	1.0	2.5	4.0	2.0	2.0	1.0	1.0	1.9
N6202	3.0	3.0	4.2	2.8	3.0	3.0	1.0	2.9
NCC09-135	2.0	2.0	2.2	1.5	2.0	2.0	1.0	1.8
NCC09-1603	2.8	2.5	3.7	3.5	3.0	2.5	1.0	2.7
NCC09-200718-6-36	1.0	1.5	1.7	2.2	2.0	1.0	1.0	1.5
NCC09-200720-1-31	1.5	1.0	2.0	1.9	2.0	1.5	1.0	1.6
NCC09-200722-2-3	1.7	3.0	4.0	2.5	3.0	2.0	1.0	2.5
R09-319	1.2	3.0	4.0	2.2	2.0	1.0	1.0	2.1
R09-886	2.0	2.0	4.2	2.4	2.0	2.0	1.5	2.3
R09-1822	1.5	2.0	3.5	3.0	3.0	2.0	1.0	2.3
R09-2988	2.8	2.5	3.5	2.7	4.0	2.0	1.0	2.6
R09-5088	1.5	2.0	3.7	2.7	3.0	2.0	1.5	2.4
TN08-100	1.2	2.5	3.5	2.5	2.0	2.0	1.0	2.1
TN08-106	1.0	2.0	3.0	1.8	2.0	1.0	1.0	1.7
TN09- 44,420	2.3	2.5	3.5	2.0	2.0	2.0	1.5	2.3
TN09- 48,263	1.8	1.9	2.7	1.4	2.0	1.0	1.0	1.7
VS08-1038	2.3	2.5	4.0	2.7	3.0	3.5	2.0	2.9
VS10-1294	2.5	2.5	3.7	4.2	3.0	2.5	2.0	2.9
VS20-414	3.0	1.5	3.7	2.5	3.0	3.0	1.0	2.5
YoungBC4LX	2.5	2.5	4.0	2.9	4.0	3.0	1.0	2.8
NCC06-1090	2.0	1.5	3.7	2.9	3.0	2.5	1.0	2.4
Mean	2.1	2.2	3.6	2.5	2.6	2.2	1.1	.

TABLE 76 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2012

STRAIN/ VARIETY	Clemson, SC	Keiser, AR	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Tallassee, AL(A)	Test Mean
DILLON	.	.	1.0	.	2.0	.	2.0	1.7
AGS606RR	.	.	1.0	.	2.0	.	2.5	1.8
NC-ROY	.	.	1.0	.	2.0	.	2.5	1.8
LL05-14	.	.	1.0	.	2.0	.	2.0	1.7
N04-05N41	.	.	1.0	.	2.0	.	2.0	1.7
N06-10074	.	.	1.3	.	2.0	.	2.5	1.9
N06-10194	.	.	1.0	.	2.0	.	2.5	1.8
N06-10237	.	.	1.0	.	2.0	.	2.0	1.7
N07-14704	.	.	1.0	.	2.0	.	2.0	1.7
N07-14718	.	.	1.0	.	2.0	.	2.0	1.7
N07-14753	.	.	1.0	.	2.0	.	2.0	1.7
N08-148	.	.	1.5	.	2.0	.	2.5	2.0
N08-374	.	.	1.0	.	2.0	.	2.0	1.7
N6202	.	.	1.0	.	2.0	.	2.0	1.7
NCC09-135	.	.	1.3	.	2.0	.	2.0	1.7
NCC09-1603	.	.	1.0	.	2.0	.	2.5	1.8
NCC09-200718-6-36	.	.	1.5	.	2.0	.	2.0	1.8
NCC09-200720-1-31	.	.	1.0	.	2.0	.	2.0	1.7
NCC09-200722-2-3	.	.	1.5	.	2.0	.	2.0	1.8
R09-319	.	.	1.0	.	2.0	.	2.0	1.7
R09-886	.	.	1.0	.	2.0	.	2.0	1.7
R09-1822	.	.	1.5	.	2.0	.	2.0	1.8
R09-2988	.	.	1.5	.	2.0	.	2.0	1.8
R09-5088	.	.	1.0	.	2.0	.	3.0	2.0
TN08-100	.	.	1.5	.	2.0	.	2.0	1.8
TN08-106	.	.	1.5	.	2.0	.	2.0	1.8
TN09- 44,420	.	.	1.0	.	2.0	.	3.0	2.0
TN09- 48,263	.	.	1.0	.	2.0	.	3.0	2.0
VS08-1038	.	.	1.0	.	2.0	.	2.0	1.7
VS10-1294	.	.	1.0	.	2.0	.	2.5	1.8
VS20-414	.	.	1.0	.	.	.	4.0	2.6
YoungBC4LX	.	.	1.0	.	2.0	.	2.0	1.7
NCC06-1090	.	.	1.0	.	2.0	.	2.0	1.7
Mean	.	.	1.1	.	2.0	.	2.3	.

TABLE 77 - PARENTAGE OF STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	AGS758RR	Commercial check		
2	AGS787RR	Commercial check		
3	N7002	N7001 × Cook		
4	N7003CN	Cook × Anand		
5	G04-2215 RR	G96-2272 X H7242 RR	F5D	
6	G06-3182 RR	G99-4158 X P97M50	F5D	
7	G08-3795 RR	G99-2678 X P97M50	F7D	
8	G08-4200 RR	N97-9658 X BOGGS RR	F7D	
9	N05-7380	N7002 x N98-7265		(35.5% exotic pedigree)
10	N07-14793	Young x N95-7296 (25% FUNK DEL)		(25% exotic pedigree)
11	N08-391	S99-1171 X N00-370		
12	N08-447	G96-2272 X N00-377		
13	N08-521	G96-2272 X N00-377		
14	N09-12414	N7002xMISUZU DIAZU-BB	F4	DIV (62.5% exotic pedigree)
15	N09-13128	N7002xTAMAHAKARI-BB	F4	DIV (62.5% exotic pedigree)
16	NCC06-899	R97-1634xN97-9693	F4:9	
17	NCC06-929	R97-1634xN97-9693	F4:9	
18	SC06-051RR	SC98-1850/SC00-892RR	F5	Long-juvenile
19	SC06-301RR	N97-9658/SC01-783RR	F5	
20	SC07-1029RR	G00-3213/SC00-643RR	F5	
21	SC07-108RR	N97-9658/SC01-783RR	F5	
22	TCHM06-M-204	Late maturing mutant in Holladay	M3	Yield

TABLE 78 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VII FOR YEAR 2012

STRAIN/ VARIETY	RANK	AVERAGE RANK	YIELD 2012	YIELD 11-12	YIELD 10-12	PROTEIN 2012	PROTEIN 11-12	PROTEIN 10-12	OIL 2012	OIL 11-12	OIL 10-12
AGS758RR	20	16	48.7	45.1	44.0	41.0	40.5	40.2	21.5	21.5	21.0
AGS787RR	17	12	50.5	.	.	39.8	.	.	22.3	.	.
N7002	12	13	51.7	48.1	47.7	41.3	40.8	40.4	21.5	21.4	20.9
N7003CN	6	10	54.5	49.6	47.5	40.5	40.2	39.9	21.8	21.8	21.2
G04-2215 RR	9	11	52.9	48.8	47.4	39.6	39.2	38.6	22.2	22.2	21.9
G06-3182 RR	11	11	52.2	49.5	48.3	39.3	39.1	38.9	21.8	21.7	21.0
G08-3795 RR	14	13	51.0	.	.	42.3	.	.	21.6	.	.
G08-4200 RR	5	8	54.9	.	.	41.2	.	.	21.3	.	.
N05-7380	15	14	51.0	.	.	40.0	.	.	22.5	.	.
N07-14793	22	18	47.5	.	.	43.2	.	.	21.9	.	.
N08-391	7	10	53.3	.	.	40.7	.	.	21.9	.	.
N08-447	13	12	51.1	.	.	41.5	.	.	21.7	.	.
N08-521	16	13	51.0	.	.	41.7	.	.	21.3	.	.
N09-12414	19	15	49.0	.	.	41.4	.	.	21.1	.	.
N09-13128	10	11	52.4	.	.	38.3	.	.	22.3	.	.
NCC06-899	1	6	56.5	51.7	51.3	40.1	39.6	39.2	22.5	22.5	22.2
NCC06-929	4	7	55.3	50.7	50.0	39.9	39.7	39.5	22.7	22.7	22.3
SC06-051RR	21	15	48.2	.	.	42.1	.	.	20.9	.	.
SC06-301RR	8	10	53.0	49.5	47.7	41.0	40.4	40.1	22.1	22.2	21.8
SC07-1029RR	18	13	49.4	46.2	.	42.2	41.8	.	21.8	21.7	.
SC07-108RR	3	8	55.4	51.0	.	40.9	40.3	.	21.5	21.5	.
TCHM06-M-204	2	8	55.9	49.6	.	39.1	38.8	.	22.3	22.3	.
Mean	.	.	52.1	.	.	40.8	.	.	21.8	.	.
LSD(0.05)	.	.	4.2	.	.	0.7	.	.	0.4	.	.
CV(%)	.	.	13.2	.	.	2.0	.	.	2.0	.	.

TABLE 79 - GENERAL SUMMARY OF BOTANICAL TRAITS FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VII FOR YEAR 2012

STRAIN/ VARIETY	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SEED SIZE	FL. COLOR	PUB. COLOR	POD COLOR
AGS758RR	0	1.8	34	1.5	13.8			
AGS787RR	1	1.6	35	1.7	14.7			
N7002	4	2.0	34	1.5	14.2	P	G	T
N7003CN	3	1.9	35	1.7	17.1	W	T	
G04-2215 RR	3	1.3	33	1.8	13.1	W	T	T
G06-3182 RR	-1	1.5	33	1.5	13.9	P	T	T
G08-3795 RR	2	2.0	40	1.5	15.1	P	T	T
G08-4200 RR	4	2.2	36	1.4	12.8	W	T	T
N05-7380	5	2.1	31	1.5	14.2	W	G	
N07-14793	-2	2.2	37	1.7	17.5	W	G	
N08-391	1	1.4	33	1.5	15.1	W	G	
N08-447	7	1.5	32	1.7	15.0	P	T	
N08-521	5	1.3	30	1.6	13.7	W	T	
N09-12414	2	1.9	37	1.4	18.2	P	G	
N09-13128	2	2.2	34	1.5	16.2	P	G	
NCC06-899	3	2.1	33	1.5	16.1	W	G	T
NCC06-929	5	1.6	32	1.5	16.5	W	G	T
SC06-051RR	5	1.6	37	1.8	18.2	P	G	T
SC06-301RR	5	1.7	35	1.4	14.2	P	G	T
SC07-1029RR	5	1.9	40	1.4	16.0	W	T	T
SC07-108RR	8	1.5	37	1.6	14.8	P	G	T
TCHM06-M-204	1	1.7	32	1.6	15.3	P	G	
Mean	3	1.8	35	1.6	15.3			
LSD(0.05)	2	0.5	2	0.2	0.8			
CV(%)	105	54.0	10	19.0	7.1			

TABLE 80 - GENERAL SUMMARY OF PEST REACTION FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VII FOR YEAR 2012

STRAIN/ VARIETY	SCN HG TYPE 1.2.5.7 Race 2	SCN HG TYPE 5.7 Race 3	SCN HG TYPE 2.5.7 Race 5	PRK GA	SRK GA	SC RATING	SC SCORE	SDS DX
AGS758RR	5	2	3	2.0	1.0	R	1.0	.
AGS787RR	5	2	4	1.8	1.0	R	1.0	.
N7002	5	5	5	4.8	1.0	MS	4.0	.
N7003CN	1	4	1	4.5	3.5	R	1.0	.
G04-2215 RR	5	5	4	4.8	1.0	R	1.0	.
G06-3182 RR	5	1	3	3.0	1.0	R	1.0	.
G08-3795 RR	5	1	4	5.0	1.0	R	1.0	.
G08-4200 RR	5	1	2	4.8	1.0	R	1.0	.
N05-7380	5	5	3	5.0	1.8	R	1.0	.
N07-14793	5	5	4	5.0	5.0	R	1.0	.
N08-391	5	5	5	5.0	2.3	R	1.0	.
N08-447	5	5	5	3.8	1.0	R	1.0	.
N08-521	5	5	5	5.0	4.3	R	1.0	.
N09-12414	5	5	5	4.3	3.0	R	1.0	.
N09-13128	5	5	5	4.5	1.5	R	1.0	.
NCC06-899	5	5	5	3.5	1.0	S	5.0	.
NCC06-929	5	5	5	5.0	1.5	R	1.0	.
SC06-051RR	5	5	3	5.0	5.0	R	1.0	.
SC06-301RR	5	5	5	5.0	1.0	S	5.0	.
SC07-1029RR	5	1	4	4.3	3.8	R	1.0	.
SC07-108RR	5	3	4	3.5	1.0	R	1.0	.
TCHM06-M-204	5	5	4	5.0	3.0	R	1.0	.

TABLE 81 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VII FOR YEAR 2012

East

STRAIN/ VARIETY	*Clayton, NC*	*Kinston, NC(A)*	*Plymouth, NC(A)*	*Area Mean*
AGS758RR	46.4	43.5	43.4	44.2
AGS787RR	54.0	45.3	47.7	49.0
N7002	47.1	41.4	38.9	42.4
N7003CN	47.8	47.9	45.3	47.0
G04-2215 RR	46.6	50.7	44.4	47.2
G06-3182 RR	51.3	51.2	43.5	48.7
G08-3795 RR	46.2	46.6	43.8	45.6
G08-4200 RR	50.3	52.5	45.9	49.6
N05-7380	49.4	47.9	41.2	46.2
N07-14793	44.0	41.1	41.1	41.8
N08-391	48.5	55.3	43.0	49.2
N08-447	50.4	53.2	43.3	49.0
N08-521	46.7	51.8	45.3	47.9
N09-12414	47.3	38.0	35.7	40.4
N09-13128	51.2	49.1	43.5	48.0
NCC06-899	60.5	54.0	46.2	53.6
NCC06-929	56.1	50.0	51.6	52.6
SC06-051RR	47.2	42.4	45.3	45.0
SC06-301RR	53.4	48.2	43.1	48.2
SC07-1029RR	47.4	43.4	41.2	44.0
SC07-108RR	51.5	49.6	39.6	46.9
TCHM06-M-204	55.2	51.0	43.9	50.0
Mean	49.9	47.9	43.5	47.1
LSD(0.05)	9.1	6.5	4.5	4.8
CV(%)	11.1	8.2	6.0	9.6

TABLE 81 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VII FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Calhoun, GA	Clemson, SC	Fairhope, AL	Plains, GA	Tallassee, AL(A)	Tifton, GA	Area Mean
AGS758RR	44.2	40.9	56.1	36.4	56.0	50.9	65.1	48.7	31.2	51.2	50.0
AGS787RR	42.6	29.7	60.0	43.2	52.7	50.0	65.9	56.4	32.9	50.9	50.4
N7002	44.7	48.1	55.5	44.0	69.8	59.0	61.9	56.5	28.4	53.5	54.8
N7003CN	52.4	61.5	59.5	39.1	52.5	55.8	65.1	57.5	39.2	70.2	56.9
G04-2215 RR	42.6	43.7	62.1	42.9	57.5	63.4	65.6	58.9	34.6	54.5	54.7
G06-3182 RR	48.5	46.9	55.1	40.5	58.0	55.2	60.8	59.0	44.4	52.6	52.9
G08-3795 RR	48.2	55.1	56.1	43.7	51.5	54.9	58.1	54.0	32.1	55.1	52.8
G08-4200 RR	52.4	53.2	51.4	42.5	62.1	61.1	62.4	62.5	38.2	67.5	57.2
N05-7380	41.1	44.9	64.2	39.7	54.0	53.5	65.4	56.3	21.4	59.0	53.1
N07-14793	43.9	46.7	52.5	40.4	44.5	49.3	71.0	46.7	26.1	48.1	49.2
N08-391	43.7	51.5	63.5	46.2	55.7	54.0	52.2	54.9	35.0	59.9	53.4
N08-447	42.7	40.5	61.0	44.3	47.9	58.6	71.3	55.3	26.6	35.0	50.8
N08-521	51.6	37.4	67.7	35.9	43.4	56.7	70.2	49.4	28.2	44.9	50.9
N09-12414	45.5	48.6	50.6	40.6	52.1	59.1	62.9	48.5	20.5	48.7	50.7
N09-13128	47.8	52.3	58.3	47.3	49.4	63.6	60.5	53.6	33.5	49.9	53.6
NCC06-899	45.7	47.1	66.0	37.2	64.9	55.8	71.3	59.4	31.7	63.3	56.8
NCC06-929	52.3	45.3	72.6	45.3	43.5	57.3	69.4	56.6	26.3	56.3	55.5
SC06-051RR	48.4	50.7	50.8	25.0	54.4	49.8	63.2	51.8	27.0	54.6	49.8
SC06-301RR	52.4	51.2	61.4	40.0	42.9	58.0	67.0	60.8	29.7	71.1	56.1
SC07-1029RR	48.0	47.2	56.3	40.8	60.9	44.5	68.3	57.1	22.0	55.2	53.2
SC07-108RR	55.7	43.5	61.3	44.5	59.3	60.7	65.6	62.1	27.1	73.8	58.6
TCHM06-M-204	52.7	43.6	68.1	42.4	50.8	59.9	77.5	55.1	37.3	53.5	56.0
Mean	47.6	46.8	59.5	41.0	53.8	56.0	65.5	55.5	30.6	55.8	53.5
LSD(0.05)	6.2	11.8	9.3	7.1	13.0	7.6	10.6	6.1	10.0	9.8	5.2
CV(%)	7.9	12.1	9.5	10.5	14.6	8.3	9.8	6.6	19.9	10.6	13.4

TABLE 81 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VII FOR YEAR 2012

West

STRAIN/ VARIETY	*Bossier City, LA*	*Area Mean*	*Bossier City, LA*
AGS758RR	50.8	50.8	50.8
AGS787RR	55.6	55.6	55.6
N7002	52.4	52.4	52.4
N7003CN	55.6	55.6	55.6
G04-2215 RR	54.0	54.0	54.0
G06-3182 RR	55.6	55.6	55.6
G08-3795 RR	50.8	50.8	50.8
G08-4200 RR	50.8	50.8	50.8
N05-7380	46.1	46.1	46.1
N07-14793	49.3	49.3	49.3
N08-391	65.1	65.1	65.1
N08-447	60.4	60.4	60.4
N08-521	60.4	60.4	60.4
N09-12414	60.4	60.4	60.4
N09-13128	55.6	55.6	55.6
NCC06-899	62.0	62.0	62.0
NCC06-929	62.0	62.0	62.0
SC06-051RR	44.5	44.5	44.5
SC06-301RR	39.7	39.7	39.7
SC07-1029RR	31.8	31.8	31.8
SC07-108RR	52.4	52.4	52.4
TCHM06-M-204	71.5	71.5	71.5
Mean	54.0	54.0	54.0
LSD(0.05)	7.4	7.4	7.4
CV(%)	8.4	8.4	8.4

TABLE 82 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Clayton, NC	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Test Mean
AGS758RR	21.3	21.7	21.8	20.7	20.9	21.8	22.1	21.3	22.7	21.3	21.1	21.5
AGS787RR	22.3	22.3	22.8	20.2	21.7	22.2	23.1	22.0	23.6	22.3	22.6	22.3
N7002	21.4	21.5	21.8	21.0	20.7	21.3	22.3	21.5	22.3	21.2	21.5	21.5
N7003CN	22.2	22.2	21.8	21.0	21.1	22.2	22.2	21.8	22.3	21.7	21.6	21.8
G04-2215 RR	22.7	21.7	22.8	20.6	21.7	21.8	23.6	22.1	23.9	21.4	22.0	22.2
G06-3182 RR	22.3	22.2	22.4	20.5	20.4	21.8	22.7	21.6	23.2	21.3	21.6	21.8
G08-3795 RR	21.9	21.7	22.1	20.5	20.7	22.0	22.1	21.4	22.8	21.6	20.8	21.6
G08-4200 RR	21.6	21.1	21.1	20.8	19.8	21.5	22.2	21.4	22.9	20.5	21.0	21.3
N05-7380	22.4	22.7	23.2	20.8	22.3	22.1	23.8	23.1	23.4	22.0	21.8	22.5
N07-14793	23.0	21.9	22.3	20.4	20.3	22.4	22.1	21.6	22.9	22.3	22.1	21.9
N08-391	22.4	21.8	22.1	20.5	21.0	21.8	22.4	22.0	23.0	21.9	22.5	21.9
N08-447	21.5	21.3	22.1	21.0	21.5	22.0	22.0	21.9	22.8	21.6	21.5	21.7
N08-521	21.3	21.3	21.4	20.8	21.3	21.8	20.8	21.7	22.0	20.9	21.0	21.3
N09-12414	21.5	20.8	21.3	20.6	19.9	21.0	22.3	20.5	22.3	20.9	20.9	21.1
N09-13128	23.0	21.8	22.1	20.6	21.5	22.3	22.5	22.8	23.1	22.3	23.2	22.3
NCC06-899	22.6	22.6	22.3	20.7	21.9	22.3	23.0	22.6	23.7	22.6	23.0	22.5
NCC06-929	23.0	22.6	23.5	20.3	22.5	22.6	22.3	23.0	24.1	22.7	22.9	22.7
SC06-051RR	21.8	20.4	20.5	20.4	20.2	20.5	21.6	20.6	21.5	21.3	21.4	20.9
SC06-301RR	22.4	22.4	22.9	20.7	21.8	21.7	22.9	22.0	23.5	21.6	21.3	22.1
SC07-1029RR	22.0	21.6	21.9	20.9	21.1	21.4	23.0	22.0	22.8	21.7	21.6	21.8
SC07-108RR	21.5	22.1	22.4	20.5	20.6	21.5	22.7	21.5	22.9	20.9	20.0	21.5
TCHM06-M-204	22.7	21.9	22.2	20.7	21.9	22.2	22.9	22.1	23.1	22.3	23.1	22.3
Mean	22.1	21.8	22.1	20.6	21.1	21.8	22.5	21.8	22.9	21.7	21.8	.

TABLE 83 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Clayton, NC	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Test Mean
AGS758RR	41.5	39.5	42.3	38.4	41.7	40.3	43.2	41.2	41.4	39.1	42.2	41.0
AGS787RR	40.1	38.5	40.9	38.1	40.7	39.6	41.2	40.3	40.4	38.9	39.1	39.8
N7002	41.4	41.1	42.6	38.2	42.0	42.2	41.7	41.3	41.7	41.4	40.9	41.3
N7003CN	39.4	39.6	42.2	38.1	41.5	41.0	40.9	40.8	40.0	40.2	41.5	40.5
G04-2215 RR	38.9	39.7	40.1	38.1	40.4	40.5	39.6	39.5	38.2	40.0	40.3	39.6
G06-3182 RR	39.0	38.3	40.9	38.4	41.3	38.7	39.5	39.8	37.9	38.3	40.3	39.3
G08-3795 RR	42.1	41.6	43.2	38.1	43.9	41.3	43.4	42.8	42.9	42.2	43.9	42.3
G08-4200 RR	41.2	41.1	42.2	39.1	42.6	41.1	41.6	40.1	40.5	41.5	42.3	41.2
N05-7380	39.8	38.7	40.4	38.0	39.3	42.3	40.6	39.2	40.6	39.4	41.5	40.0
N07-14793	42.4	42.6	44.4	38.3	46.2	42.8	44.5	43.9	42.8	43.2	44.4	43.2
N08-391	41.0	39.5	42.6	38.3	41.7	41.3	41.8	40.7	40.7	38.6	41.3	40.7
N08-447	41.2	41.6	42.8	38.6	42.3	41.3	43.2	41.4	42.1	40.4	41.1	41.5
N08-521	41.8	41.3	43.5	38.0	41.3	41.6	43.5	41.3	42.6	41.9	42.4	41.7
N09-12414	40.7	40.8	42.4	38.4	43.3	42.0	41.8	41.6	40.9	42.4	41.1	41.4
N09-13128	37.0	37.2	39.8	38.3	39.2	38.7	40.0	38.2	38.2	37.0	38.1	38.3
NCC06-899	39.7	39.1	41.9	38.4	39.7	41.4	41.5	40.7	39.1	39.5	39.9	40.1
NCC06-929	39.6	39.6	40.1	38.2	40.1	40.9	41.6	39.6	39.3	39.6	40.4	39.9
SC06-051RR	42.1	40.8	42.6	38.2	42.6	42.2	44.0	43.9	41.8	43.3	41.8	42.1
SC06-301RR	40.8	40.8	41.4	38.0	41.7	42.0	42.5	41.1	40.6	40.6	41.2	41.0
SC07-1029RR	42.1	42.0	43.3	38.5	42.9	44.2	43.1	41.1	42.9	42.0	41.8	42.2
SC07-108RR	40.2	39.4	41.3	38.5	42.2	41.1	41.5	41.3	41.0	41.1	42.3	40.9
TCHM06-M-204	37.6	37.5	39.8	37.9	39.2	39.5	39.7	40.1	42.5	37.9	38.3	39.1
Mean	40.4	40.0	41.9	38.3	41.6	41.2	41.8	40.9	40.8	40.4	41.2	.

TABLE 84 - SIZE (GRAMS PER 100 SEED) FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Bossier City, LA	Calhoun, GA	Clayton, NC	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Tifton, GA	Test Mean
AGS758RR	12.9	12.8	16.5	12.1	15.1	16.5	11.9	12.8	19.1	13.8	14.7	10.7	10.6	14.2	13.8
AGS787RR	14.5	14.1	15.3	13.5	14.0	17.2	13.6	14.0	19.7	14.7	16.9	13.2	11.1	14.6	14.7
N7002	15.4	14.8	14.7	13.5	13.0	17.3	13.2	14.1	16.5	15.3	15.9	11.8	10.3	13.5	14.2
N7003CN	16.3	17.8	16.8	16.2	16.6	20.0	16.1	16.2	20.0	19.5	18.5	15.7	13.2	16.9	17.1
G04-2215 RR	11.5	12.7	16.2	14.0	11.6	14.0	11.4	15.2	15.8	13.8	13.9	11.6	9.1	12.6	13.1
G06-3182 RR	14.3	14.5	17.9	13.8	13.3	16.0	12.8	14.5	15.6	14.7	14.3	11.1	10.3	12.1	13.9
G08-3795 RR	15.2	15.4	14.0	16.5	14.3	17.7	14.4	16.8	16.6	15.2	16.8	14.1	11.1	13.3	15.1
G08-4200 RR	13.3	13.2	14.5	13.6	10.9	15.5	11.5	13.6	14.5	13.1	13.9	10.7	9.5	11.8	12.8
N05-7380	14.3	13.6	15.9	13.9	12.1	16.0	13.5	15.0	17.3	14.4	16.6	11.2	10.2	14.1	14.2
N07-14793	17.5	17.8	14.8	17.2	16.3	19.8	18.0	16.8	21.3	19.4	18.6	15.6	14.9	17.3	17.5
N08-391	16.1	15.1	14.0	12.2	15.5	16.9	14.4	13.5	18.9	16.6	17.0	13.3	12.4	15.5	15.1
N08-447	14.5	15.5	14.6	14.3	14.6	17.4	15.3	14.3	19.6	16.4	17.2	12.8	10.5	13.0	15.0
N08-521	13.5	13.9	15.3	12.6	13.3	15.9	13.4	12.4	16.6	15.3	14.8	13.0	10.1	11.8	13.7
N09-12414	19.2	18.9	15.1	17.3	16.2	22.2	18.9	18.9	20.8	19.2	20.9	17.5	13.2	16.9	18.2
N09-13128	17.2	15.5	13.2	16.4	12.9	18.8	16.3	17.0	20.0	17.2	18.4	13.8	13.7	16.3	16.2
NCC06-899	17.0	15.9	13.5	15.1	16.6	19.0	15.1	16.3	20.5	18.2	17.1	14.3	11.6	15.4	16.1
NCC06-929	18.1	16.5	12.5	16.5	16.6	19.6	15.9	16.5	22.0	16.9	18.0	14.7	11.9	15.1	16.5
SC06-051RR	19.7	17.6	19.4	16.9	16.3	21.0	16.7	16.9	21.8	18.9	20.4	18.2	13.2	18.2	18.2
SC06-301RR	14.3	15.0	16.5	15.0	12.0	14.6	14.2	15.1	16.4	13.7	16.4	11.9	10.0	13.4	14.2
SC07-1029RR	16.8	16.4	14.8	13.1	16.6	18.8	15.3	16.0	20.7	15.4	18.8	15.1	10.8	15.8	16.0
SC07-108RR	14.5	14.9	17.3	13.8	13.5	17.1	14.7	14.5	17.7	14.6	16.8	12.6	10.2	15.3	14.8
TCHM06-M-204	15.3	14.7	14.3	13.2	15.4	16.4	14.9	15.5	20.2	16.9	17.6	13.6	11.7	15.1	15.3
Mean	15.5	15.3	15.3	14.6	14.4	17.6	14.6	15.3	18.7	16.0	17.0	13.5	11.3	14.6	.

TABLE 85 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

East

STRAIN/ VARIETY	*Clayton, NC*	*Kinston, NC(A)*	*Plymouth, NC(A)*	*Area Mean*
AGS758RR	10/22	10/25	10/21	10/23
AGS787RR	2	1	2	2
N7002	2	8	4	5
N7003CN	1	1	3	2
G04-2215 RR	1	9	5	5
G06-3182 RR	-1	0	-3	-1
G08-3795 RR	3	1	3	2
G08-4200 RR	1	8	3	4
N05-7380	5	12	5	7
N07-14793	-3	-1	-6	-3
N08-391	1	-1	1	0
N08-447	6	12	-2	5
N08-521	4	11	9	8
N09-12414	2	4	4	3
N09-13128	1	1	1	1
NCC06-899	3	5	3	3
NCC06-929	4	6	5	5
SC06-051RR	2	-2	-5	-1
SC06-301RR	5	11	6	7
SC07-1029RR	4	9	8	7
SC07-108RR	7	11	11	10
TCHM06-M-204	0	0	-5	-2
Mean	2	5	2	3

TABLE 85 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

South

STRAIN/ VARIETY	*Athens, GA(A)*	*Athens, GA(B)*	*Blackville, SC(A)*	*Blackville, SC(B)*	*Calhoun, GA*	*Clemson, SC*	*Fairhope, AL*	*Tallassee, AL(A)*	*Tifton, GA*	*Area Mean*
AGS758RR	10/13	10/22	10/24	10/28	10/17	10/23	10/21	10/10	10/13	10/19
AGS787RR	3	1	0	0	0	0	-1	2	3	1
N7002	6	2	3	2	8	5	-1	2	7	4
N7003CN	3	4	4	1	8	3	2	2	7	4
G04-2215 RR	4	1	1	1	7	2	-1	1	5	2
G06-3182 RR	0	0	-2	-1	0	0	-1	0	-4	-1
G08-3795 RR	4	1	2	2	7	3	-1	2	2	2
G08-4200 RR	4	5	6	7	8	6	-1	0	0	4
N05-7380	8	4	5	3	8	6	-1	5	10	5
N07-14793	-6	7	0	2	-7	-1	0	-2	-7	-2
N08-391	1	0	1	2	9	-1	0	-1	4	2
N08-447	9	5	9	7	8	10	4	6	8	7
N08-521	7	3	6	4	7	5	3	1	4	4
N09-12414	2	0	1	0	5	5	-1	1	1	1
N09-13128	-1	2	5	4	8	3	1	-1	-2	2
NCC06-899	6	1	2	-1	8	5	1	1	4	3
NCC06-929	8	4	6	1	9	4	3	3	12	6
SC06-051RR	2	9	10	20	8	16	1	1	-5	7
SC06-301RR	8	4	3	3	7	8	-1	6	6	5
SC07-1029RR	9	5	3	2	8	8	2	3	6	5
SC07-108RR	12	6	6	4	8	12	1	8	8	7
TCHM06-M-204	-1	6	3	7	0	5	1	-2	-6	1
Mean	4	3	3	3	6	5	0	2	3	3

TABLE 85 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***Area Mean***
AGS758RR	10/18	10/18
AGS787RR	0	0
N7002	2	2
N7003CN	2	2
G04-2215 RR	3	3
G06-3182 RR	1	1
G08-3795 RR	2	2
G08-4200 RR	0	0
N05-7380	1	1
N07-14793	-1	-1
N08-391	2	2
N08-447	5	5
N08-521	3	3
N09-12414	0	0
N09-13128	0	0
NCC06-899	2	2
NCC06-929	3	3
SC06-051RR	3	3
SC06-301RR	1	1
SC07-1029RR	3	3
SC07-108RR	7	7
TCHM06-M-204	-1	-1
Mean	2	2

TABLE 86 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

East

STRAIN/ VARIETY	*Clayton, NC*	*Kinston, NC(A)*	*Plymouth, NC(A)*	*Area Mean*
AGS758RR	26	41	41	36
AGS787RR	30	42	45	39
N7002	33	41	39	38
N7003CN	28	43	41	37
G04-2215 RR	25	45	40	36
G06-3182 RR	29	43	41	38
G08-3795 RR	40	49	44	44
G08-4200 RR	28	43	41	37
N05-7380	33	38	37	36
N07-14793	35	42	43	40
N08-391	28	42	46	39
N08-447	20	44	39	34
N08-521	17	45	42	35
N09-12414	33	40	44	39
N09-13128	27	43	37	36
NCC06-899	27	36	44	36
NCC06-929	31	39	44	38
SC06-051RR	26	44	43	38
SC06-301RR	29	43	44	38
SC07-1029RR	40	44	47	44
SC07-108RR	33	44	45	41
TCHM06-M-204	25	40	36	34
Mean	29	42	42	.

TABLE 86 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Calhoun, GA	Clemson, SC	Fairhope, AL	Plains, GA	Tallassee, AL(A)	Tifton, GA	Area Mean
AGS758RR	27	25	40	25	39	32	31	34	41	33	33
AGS787RR	29	18	45	25	47	31	27	34	45	34	34
N7002	30	28	38	22	40	37	32	36	39	30	33
N7003CN	28	30	40	24	47	37	29	35	41	32	34
G04-2215 RR	26	22	39	21	42	34	33	27	40	34	32
G06-3182 RR	29	19	39	23	42	33	32	33	39	33	32
G08-3795 RR	36	31	43	29	46	43	33	39	43	37	38
G08-4200 RR	30	27	45	33	39	35	31	40	40	37	36
N05-7380	27	19	38	21	42	32	25	33	36	27	30
N07-14793	31	29	43	32	41	37	33	34	41	38	36
N08-391	29	26	39	22	44	33	28	30	38	32	32
N08-447	27	25	35	21	46	35	28	31	38	26	31
N08-521	25	18	38	20	42	28	27	26	38	25	29
N09-12414	33	29	43	27	42	39	30	38	47	41	37
N09-13128	29	26	42	28	41	38	30	32	41	33	34
NCC06-899	26	22	39	21	40	37	31	33	41	29	32
NCC06-929	24	24	39	23	37	33	33	31	37	28	31
SC06-051RR	31	31	43	33	44	36	35	39	40	40	37
SC06-301RR	29	27	40	23	45	36	31	36	41	35	34
SC07-1029RR	32	24	48	26	53	40	37	39	44	35	38
SC07-108RR	31	26	43	26	44	39	35	36	43	39	36
TCHM06-M-204	28	23	39	24	41	32	28	31	36	32	31
Mean	29	25	41	25	43	35	31	34	41	33	.

TABLE 86 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

West

STRAIN/ VARIETY	*Bossier City, LA*	*Area Mean*
AGS758RR	37	37
AGS787RR	34	34
N7002	31	31
N7003CN	35	35
G04-2215 RR	31	31
G06-3182 RR	32	32
G08-3795 RR	43	43
G08-4200 RR	37	37
N05-7380	30	30
N07-14793	37	37
N08-391	33	33
N08-447	31	31
N08-521	32	32
N09-12414	35	35
N09-13128	32	32
NCC06-899	34	34
NCC06-929	33	33
SC06-051RR	37	37
SC06-301RR	31	31
SC07-1029RR	43	43
SC07-108RR	41	41
TCHM06-M-204	34	34
Mean	35	.

TABLE 87 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

East

STRAIN/ VARIETY	*Clayton, NC*	*Kinston, NC(A)*	*Plymouth, NC(A)*	*Area Mean*
AGS758RR	1.7	2.0	2.2	1.9
AGS787RR	1.5	2.3	2.0	1.9
N7002	1.7	2.3	1.7	1.9
N7003CN	1.5	2.3	2.5	2.0
G04-2215 RR	1.7	1.5	1.5	1.6
G06-3182 RR	1.5	1.5	2.0	1.6
G08-3795 RR	1.7	2.0	2.2	1.9
G08-4200 RR	1.5	2.0	2.0	1.8
N05-7380	2.0	2.5	2.8	2.4
N07-14793	1.8	2.3	2.3	2.1
N08-391	1.3	1.8	1.7	1.6
N08-447	1.3	1.8	1.5	1.5
N08-521	1.3	1.5	1.7	1.5
N09-12414	1.7	2.0	2.3	1.9
N09-13128	1.5	2.0	1.7	1.7
NCC06-899	1.8	2.0	2.0	1.9
NCC06-929	1.8	1.8	2.0	1.9
SC06-051RR	1.5	1.5	1.7	1.6
SC06-301RR	1.7	1.8	2.0	1.8
SC07-1029RR	1.7	2.0	2.5	2.0
SC07-108RR	1.5	1.5	2.0	1.6
TCHM06-M-204	1.5	1.7	1.7	1.6
Mean	1.6	1.9	2.0	.

TABLE 87 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Calhoun, GA	Clemson, SC	Fairhope, AL	Plains, GA	Tallassee, AL(A)	Tifton, GA	Area Mean
AGS758RR	1.0	1.0	2.7	1.3	1.8	2.8	3.0	1.3	1.0	1.0	1.7
AGS787RR	1.0	1.0	1.8	1.0	1.7	2.3	2.3	1.0	1.0	1.0	1.4
N7002	1.0	1.0	3.2	1.0	1.7	2.8	3.0	1.7	2.0	1.3	1.9
N7003CN	1.0	1.0	2.8	2.2	2.2	2.8	3.0	1.3	1.0	1.3	1.9
G04-2215 RR	1.0	1.0	1.0	1.0	1.5	1.8	2.3	1.0	1.0	1.0	1.3
G06-3182 RR	1.0	1.0	2.2	1.0	1.7	1.5	2.3	1.0	1.0	1.3	1.4
G08-3795 RR	1.0	1.0	2.5	2.3	1.7	2.8	2.7	1.7	1.0	1.3	1.8
G08-4200 RR	1.0	1.0	3.2	3.2	2.0	2.8	3.0	2.0	1.7	1.7	2.2
N05-7380	1.0	1.0	2.3	1.3	1.7	3.2	3.0	2.0	4.3	1.0	2.1
N07-14793	1.0	1.0	3.2	2.8	2.3	2.2	3.0	2.0	1.0	2.7	2.2
N08-391	1.0	1.0	2.0	1.7	1.5	2.0	2.3	1.0	1.0	1.0	1.5
N08-447	1.0	1.0	1.3	1.0	1.5	2.0	2.3	1.0	1.7	1.0	1.4
N08-521	1.0	1.0	1.3	1.0	1.8	1.2	2.0	1.0	1.0	1.0	1.2
N09-12414	1.0	1.0	3.2	2.0	1.7	3.2	3.0	1.3	1.7	1.3	2.0
N09-13128	1.0	1.0	3.0	1.5	1.5	10.0	2.7	1.0	1.0	1.0	2.4
NCC06-899	1.0	1.0	3.2	1.0	2.3	3.8	3.0	2.0	2.0	1.0	2.1
NCC06-929	1.0	1.0	2.5	1.3	1.8	2.7	2.3	1.0	1.0	1.0	1.6
SC06-051RR	1.0	1.0	1.3	1.7	1.3	1.8	2.7	1.3	1.0	1.7	1.5
SC06-301RR	1.0	1.0	2.2	1.0	2.2	2.5	2.3	1.0	1.3	1.3	1.6
SC07-1029RR	1.0	1.0	1.8	1.0	1.8	3.5	3.0	1.0	1.0	1.0	1.6
SC07-108RR	1.0	1.0	2.3	1.0	1.5	2.2	2.3	1.0	1.0	1.0	1.4
TCHM06-M-204	1.0	1.0	1.7	1.7	1.7	2.2	3.0	1.3	1.0	1.0	1.6
Mean	1.0	1.0	2.3	1.5	1.8	2.8	2.7	1.3	1.3	1.2	.

TABLE 87 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***Area Mean***
AGS758RR	1.7	1.7
AGS787RR	2.3	2.3
N7002	3.3	3.3
N7003CN	1.3	1.3
G04-2215 RR	1.3	1.3
G06-3182 RR	2.0	2.0
G08-3795 RR	3.3	3.3
G08-4200 RR	4.0	4.0
N05-7380	1.0	1.0
N07-14793	2.7	2.7
N08-391	1.0	1.0
N08-447	2.3	2.3
N08-521	1.0	1.0
N09-12414	1.3	1.3
N09-13128	1.0	1.0
NCC06-899	3.3	3.3
NCC06-929	1.8	1.8
SC06-051RR	3.0	3.0
SC06-301RR	2.3	2.3
SC07-1029RR	4.3	4.3
SC07-108RR	1.7	1.7
TCHM06-M-204	3.0	3.0
Mean	2.2	.

TABLE 88 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

East

STRAIN/ VARIETY	*Clayton, NC*	*Kinston, NC(A)*	*Plymouth, NC(A)*	*Area Mean*
AGS758RR	.	.	.	.
AGS787RR	.	.	.	.
N7002	.	.	.	.
N7003CN	.	.	.	.
G04-2215 RR	.	.	.	.
G06-3182 RR	.	.	.	.
G08-3795 RR	.	.	.	.
G08-4200 RR	.	.	.	.
N05-7380	.	.	.	.
N07-14793	.	.	.	.
N08-391	.	.	.	.
N08-447	.	.	.	.
N08-521	.	.	.	.
N09-12414	.	.	.	.
N09-13128	.	.	.	.
NCC06-899	.	.	.	.
NCC06-929	.	.	.	.
SC06-051RR	.	.	.	.
SC06-301RR	.	.	.	.
SC07-1029RR	.	.	.	.
SC07-108RR	.	.	.	.
TCHM06-M-204	.	.	.	.
Mean	.	.	.	.

TABLE 88 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Calhoun, GA	Clemson, SC	Fairhope, AL	Plains, GA	Tallassee, AL(A)	Tifton, GA	Area Mean
AGS758RR	1.3	1.5	.	.	1.5	.	2.0	1.5	2.0	1.5	1.6
AGS787RR	1.8	1.5	.	.	1.7	.	2.0	1.5	2.0	1.8	1.8
N7002	1.5	1.5	.	.	1.5	.	2.0	1.3	2.0	1.5	1.6
N7003CN	1.7	1.8	.	.	1.5	.	2.0	1.8	2.0	1.7	1.8
G04-2215 RR	1.8	1.8	.	.	1.5	.	2.0	1.5	3.0	1.5	1.9
G06-3182 RR	1.5	1.5	.	.	1.5	.	1.7	1.3	2.0	1.5	1.6
G08-3795 RR	1.5	1.8	.	.	1.5	.	1.0	1.5	2.3	1.5	1.6
G08-4200 RR	1.5	1.5	.	.	1.5	.	1.0	1.3	2.0	1.5	1.5
N05-7380	1.3	1.0	.	.	1.5	.	2.0	1.3	2.0	1.5	1.6
N07-14793	1.8	1.2	.	.	1.5	.	2.0	1.5	3.0	1.5	1.8
N08-391	1.0	1.5	.	.	1.5	.	2.0	1.2	2.0	1.5	1.5
N08-447	2.2	1.8	.	.	1.5	.	2.0	1.7	2.0	1.8	1.9
N08-521	2.0	1.5	.	.	1.5	.	2.0	1.5	2.0	1.7	1.8
N09-12414	1.3	1.5	.	.	1.5	.	1.0	1.3	2.0	1.5	1.5
N09-13128	1.5	1.2	.	.	1.7	.	2.0	1.3	2.0	1.5	1.6
NCC06-899	1.5	1.2	.	.	1.5	.	2.0	1.2	2.0	1.5	1.6
NCC06-929	1.3	1.2	.	.	1.5	.	2.0	1.5	2.0	1.5	1.6
SC06-051RR	1.5	2.8	.	.	1.5	.	2.0	2.0	2.0	1.7	1.9
SC06-301RR	1.2	1.2	.	.	1.5	.	2.0	1.0	2.0	1.5	1.5
SC07-1029RR	1.7	1.0	.	.	1.5	.	1.3	1.2	2.3	1.5	1.5
SC07-108RR	1.8	1.2	.	.	1.5	.	2.0	1.3	2.0	1.5	1.7
TCHM06-M-204	1.5	1.2	.	.	1.5	.	2.0	1.8	2.0	1.5	1.7
Mean	1.6	1.5	.	.	1.5	.	1.8	1.4	2.1	1.6	.

TABLE 88 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2012

West

STRAIN/ VARIETY	***Bossier City, LA***	***Area Mean***
AGS758RR	1.0	1.0
AGS787RR	1.0	1.0
N7002	1.0	1.0
N7003CN	1.0	1.0
G04-2215 RR	1.0	1.0
G06-3182 RR	1.0	1.0
G08-3795 RR	1.0	1.0
G08-4200 RR	1.0	1.0
N05-7380	1.0	1.0
N07-14793	1.0	1.0
N08-391	1.0	1.0
N08-447	1.0	1.0
N08-521	1.0	1.0
N09-12414	1.0	1.0
N09-13128	1.0	1.0
NCC06-899	1.0	1.0
NCC06-929	1.0	1.0
SC06-051RR	1.0	1.0
SC06-301RR	1.0	1.0
SC07-1029RR	1.0	1.0
SC07-108RR	1.0	1.0
TCHM06-M-204	1.0	1.0
Mean	1.0	.

TABLE 89 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII
FOR YEAR 2012

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	AGS758RR	Commercial check		
2	AGS787RR	Commercial check		
3	N7002	N7001 × Cook		
4	N7003CN	Cook × Anand		
5	G09-1281 RR	G00-3880 X (H7242RR(5) X G93-9009)	F7D	
6	G09-1754 RR	G00-3083 X (H7242RR(5) X G93-9009)	F7D	
7	G09-2403 RR	G00-3880 X (BOGGS-RR(6) X G93-9009)	F7D	
8	G09-3202R2	G00-3880 X NC7308A1-COYN	F4D	
9	G10PR-224R2	G00-3213 X NC7308A1-COYN	F4D	
10	G10PR-86R2	G00-3880 X NC7308A1-COYN	F4D	
11	G10PR-56330R2	G93-2225 X (G00-3213 X RR2Y)	F4D	
12	N08-383	S99-1171 X N00-370		
13	N09-13565	NC-ROYxN02-8760	F5	DIV (25% exotic pedigree)
14	N7103	NTCPR90-143 x Pearl	F4	Lodging resistant
15	NLM09-52	N6202 X G98SF114.		
16	NMS4-1-83	N7103 x PI 366122	F4	DIV (50% exotic pedigree)
17	NMS5-101-2-203	N7103 x PI 366122 (G. soja)		(50% exotic pedigree)
18	NMS5-253-1-537	N7103 x PI 366122	F4	DIV (50% exotic pedigree)
19	SC09-039RR	N97-9658/SC00-643RR	F6	
20	SC09-052RR	N97-9658/SC00-643RR	F6	
21	SC09-102RR	G00-3213/SC00-643RR	F6	
22	SC09-103RR	G00-3213/SC00-643RR	F6	
23	SC09-142RR	G00-3213/SC00-643RR	F6	
24	SC09-238RR	SC01-809RR/G99-3211	F6	
25	NCC06-899	R97-1634xN97-9693	F4:9	

TABLE 90 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN PRELIMINARY TEST VII FOR YEAR 2012

STRAIN/ VARIETY	SEED YIELD	RANK	AVG. RANK	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SIZE	% PROTEIN	% OIL	HG TYPE 1.2.5.7 Race 2	HG TYPE 5.7 Race 3	HG TYPE 2.5.7 Race 5	SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR
AGS758RR	47.1	19	15	0	2.0	38	2.1	13.4	41.4	21.6	5	1	5	R	1			
AGS787RR	49.3	9	10	1	1.7	39	1.8	14.9	40.8	22.6	5	2	5	R	1			
N7002	49.1	13	11	2	1.9	38	1.3	13.8	41.2	21.7	5	5	5	MS	4	P	G	T
N7003CN	51.1	3	9	2	1.9	40	1.8	17.1	41.7	22.0	2	3	2	R	1	W	T	
G09-1281 RR	47.6	16	15	2	1.4	40	1.9	14.5	41.2	21.8	5	4	5	S	5	P	T	T
G09-1754 RR	48.2	15	13	5	1.4	43	1.7	13.9	41.6	21.9	5	4	5	R	1	P	T	T
G09-2403 RR	47.3	18	15	1	1.6	39	2.1	14.5	40.9	22.4	5	3	4	R	1	P	T	T
G09-3202R2	49.7	6	13	0	1.8	42	1.6	15.5	41.7	22.0	5	2	5	R	1	P	T	T
G10PR-224R2	49.3	10	12	1	1.7	42	1.7	14.9	42.4	21.7	5	2	3	S	5	W	T	T
G10PR-86R2	54.0	1	6	1	1.7	42	1.8	16.9	41.6	21.7	5	3	5	S	5	P	T	T
G10PR-56330R2	49.7	7	10	0	1.6	42	1.7	14.7	42.2	21.5	5	5	5	R	1	P	T	T
N08-383	43.4	23	21	3	1.8	40	1.7	17.1	41.5	22.5	5	5	5	R	1	W	T	
N09-13565	49.2	12	11	-1	1.8	36	2.1	18.4	43.1	21.4	5	5	5	R	1	P	G	
N7103	46.9	20	15	1	1.4	35	1.4	8.8	42.2	19.8	5	5	5	R	1	W	G	
NLM09-52	46.1	22	17	5	1.4	38	1.7	19.2	44.8	20.7	5	5	5	R	1	P	G	
NMS4-1-83	47.6	17	14	-1	1.9	36	1.4	11.5	43.6	21.6	5	5	5	R	1	W	G	
NMS5-101-2-203	39.3	25	24	3	3.0	44	2.3	9.7	44.1	19.3	5	5	5	R	1	W	G	
NMS5-253-1-537	41.8	24	23	6	2.5	43	2.9	10.2	43.5	20.8	5	5	5	R	1			
SC09-039RR	49.2	11	12	5	2.0	44	2.1	15.9	42.4	21.4	5	5	5	R	1	P	T	T
SC09-052RR	50.9	5	8	5	2.1	42	1.4	14.8	41.6	22.0	5	5	5	MS	4	W	G	T
SC09-102RR	51.0	4	9	7	1.4	42	1.7	16.8	41.8	22.2	5	2	4	MS	4	W	T	T
SC09-103RR	48.9	14	11	5	1.5	42	1.6	16.5	42.1	22.3	5	2	5	R	1	W	T	T
SC09-142RR	49.3	8	10	4	1.6	42	1.5	16.3	42.2	22.2	5	1	5	MS	4	W	T	T
SC09-238RR	46.5	21	18	3	1.4	43	1.8	16.0	41.6	21.7	5	2	5	MS	4	W	G	T
NCC06-899	53.5	2	4	1	2.0	36	1.4	16.2	40.7	23.0	5	5	5	R	1	W	G	T
Mean	48.2	.	.	2	1.8	40	1.8	14.9	42.1	21.7	.	.	.		.			
LSD(0.05)	4.7	.	.	3	.	3	0.7	1.2	1.3	0.4	.	.	.		.			
CV(%)	10.2	.	.	123	.	9	27.3	6.2	2.7	1.8	.	.	.		.			

TABLE 91 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Test Mean
AGS758RR	44.1	54.8	47.2	50.5	38.6	29.0	47.1
AGS787RR	44.4	48.7	50.7	56.6	45.9	26.0	49.3
N7002	45.8	55.6	48.5	55.8	39.8	22.4	49.1
N7003CN	51.9	58.8	40.8	59.7	44.5	37.8	51.1
G09-1281 RR	46.9	50.2	47.8	53.9	39.4	30.3	47.6
G09-1754 RR	43.5	50.4	48.7	55.1	43.3	34.7	48.2
G09-2403 RR	41.2	52.1	43.8	54.4	45.1	36.5	47.3
G09-3202R2	53.1	54.4	45.1	53.8	42.2	32.3	49.7
G10PR-224R2	49.1	49.5	45.2	57.6	44.9	31.7	49.3
G10PR-86R2	62.5	53.5	50.3	56.0	46.4	34.1	54.0
G10PR-56330R2	45.8	50.8	46.6	55.7	49.4	32.0	49.7
N08-383	35.4	53.1	40.5	47.1	41.8	22.3	43.4
N09-13565	42.6	54.7	47.3	56.5	44.9	23.2	49.2
N7103	40.8	54.7	42.8	55.5	40.5	25.8	46.9
NLM09-52	37.8	53.0	47.6	53.8	38.5	21.9	46.1
NMS4-1-83	37.0	50.2	42.6	62.3	45.2	17.4	47.6
NMS5-101-2-203	31.9	40.8	42.0	46.8	35.1	17.3	39.3
NMS5-253-1-537	36.4	45.1	42.2	47.9	37.0	16.1	41.8
SC09-039RR	43.4	57.7	46.4	52.6	46.0	27.5	49.2
SC09-052RR	42.9	58.9	50.1	54.5	48.0	26.2	50.9
SC09-102RR	49.5	63.7	40.8	60.4	40.7	29.8	51.0
SC09-103RR	45.3	55.7	42.1	58.6	42.9	27.5	48.9
SC09-142RR	41.4	54.9	48.7	54.7	47.2	28.0	49.3
SC09-238RR	46.7	52.4	40.7	53.2	39.5	26.6	46.5
NCC06-899	48.4	58.9	55.5	59.3	45.5	31.2	53.5
Mean	44.3	53.3	45.8	54.9	42.9	27.5	48.2
LSD(0.05)	7.0	7.5	6.4	6.0	6.3	8.0	4.7
CV(%)	9.7	8.2	8.5	6.6	8.4	17.8	10.2

TABLE 92 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Test Mean
AGS758RR	21.4	22.1	21.2	22.2	21.7	21.1	21.6
AGS787RR	22.5	22.8	21.9	23.3	22.1	23.2	22.6
N7002	21.9	21.1	21.6	22.2	21.1	22.1	21.7
N7003CN	22.7	22.1	21.7	22.5	21.6	21.7	22.0
G09-1281 RR	21.6	22.5	21.4	22.5	21.2	21.4	21.8
G09-1754 RR	22.2	22.3	21.3	22.9	20.8	21.7	21.9
G09-2403 RR	21.7	22.3	22.1	23.6	22.0	22.5	22.4
G09-3202R2	22.2	22.3	21.7	22.6	21.5	21.8	22.0
G10PR-224R2	21.5	22.0	21.1	22.7	20.8	22.0	21.7
G10PR-86R2	22.0	21.8	21.1	22.3	21.4	21.7	21.7
G10PR-56330R2	21.4	21.8	21.1	22.5	20.7	21.5	21.5
N08-383	22.2	22.5	22.2	23.4	22.6	22.3	22.5
N09-13565	22.3	21.9	21.1	22.2	20.4	20.7	21.4
N7103	19.9	19.6	20.0	20.0	20.2	19.1	19.8
NLM09-52	20.5	21.4	20.3	21.7	20.7	19.5	20.7
NMS4-1-83	22.1	21.6	21.1	22.5	21.1	21.4	21.6
NMS5-101-2-203	19.2	19.2	19.1	20.1	18.8	19.2	19.3
NMS5-253-1-537	20.5	21.0	21.1	21.6	20.4	20.5	20.8
SC09-039RR	21.6	21.8	20.5	22.4	21.4	21.0	21.4
SC09-052RR	22.1	22.1	21.6	22.9	21.3	21.8	22.0
SC09-102RR	22.2	22.5	21.5	23.2	22.0	21.8	22.2
SC09-103RR	22.7	22.7	21.2	22.8	21.8	22.4	22.3
SC09-142RR	21.5	22.9	21.3	23.4	22.3	21.8	22.2
SC09-238RR	22.0	22.0	20.8	22.4	21.4	21.7	21.7
NCC06-899	23.1	22.7	22.5	23.5	22.4	23.9	23.0
Mean	21.7	21.9	21.2	22.5	21.3	21.5	.

TABLE 93 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Test Mean
AGS758RR	40.5	41.7	43.1	41.4	38.9	42.6	41.4
AGS787RR	42.0	40.6	42.2	41.8	39.8	38.4	40.8
N7002	40.0	43.2	42.3	41.3	41.5	38.8	41.2
N7003CN	40.8	42.1	42.8	42.2	40.2	41.9	41.7
G09-1281 RR	39.1	41.7	43.4	39.9	41.2	41.9	41.2
G09-1754 RR	41.4	41.5	42.3	42.1	41.7	40.4	41.6
G09-2403 RR	39.5	42.3	42.0	40.7	40.3	40.7	40.9
G09-3202R2	40.5	42.4	42.9	41.1	41.3	41.8	41.7
G10PR-224R2	41.6	42.4	43.5	41.8	43.0	41.8	42.4
G10PR-86R2	41.9	42.0	42.2	41.6	41.0	41.0	41.6
G10PR-56330R2	41.0	42.7	43.9	42.1	42.2	41.3	42.2
N08-383	41.7	42.9	42.5	41.4	40.0	40.2	41.5
N09-13565	42.4	42.7	43.7	41.7	43.7	44.4	43.1
N7103	41.2	44.6	43.5	41.8	39.1	42.8	42.2
NLM09-52	43.1	45.5	45.5	42.3	45.9	46.6	44.8
NMS4-1-83	46.1	42.7	43.8	45.0	41.6	42.1	43.6
NMS5-101-2-203	40.9	46.2	46.1	41.6	45.1	44.9	44.1
NMS5-253-1-537	45.4	42.6	42.8	44.8	41.6	43.5	43.5
SC09-039RR	42.7	42.5	43.5	41.7	41.7	42.5	42.4
SC09-052RR	42.6	42.0	42.1	42.7	40.9	39.2	41.6
SC09-102RR	40.8	42.4	43.2	40.4	42.0	42.1	41.8
SC09-103RR	41.8	42.4	42.8	42.5	42.5	40.8	42.1
SC09-142RR	41.1	43.1	44.0	41.5	42.1	41.5	42.2
SC09-238RR	41.4	41.8	42.8	42.8	40.3	40.5	41.6
NCC06-899	41.3	41.6	41.3	42.0	40.3	37.7	40.7
Mean	41.6	42.6	43.1	41.9	41.5	41.6	.

TABLE 94 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Test Mean
AGS758RR	13.5	12.5	15.8	14.0	.	11.1	13.4
AGS787RR	14.9	14.2	17.4	17.0	.	11.0	14.9
N7002	14.7	13.8	15.8	15.2	.	9.6	13.8
N7003CN	16.4	16.9	20.8	17.9	.	13.3	17.1
G09-1281 RR	13.9	16.9	17.0	14.7	.	10.1	14.5
G09-1754 RR	12.9	15.0	16.0	15.1	.	10.4	13.9
G09-2403 RR	14.1	16.2	16.6	14.8	.	10.7	14.5
G09-3202R2	15.8	16.0	18.6	15.5	.	11.5	15.5
G10PR-224R2	15.1	15.2	17.8	16.1	.	10.5	14.9
G10PR-86R2	16.7	17.5	20.0	18.0	.	12.4	16.9
G10PR-56330R2	15.1	15.1	18.0	15.3	.	10.0	14.7
N08-383	17.8	17.0	20.3	19.0	.	11.7	17.1
N09-13565	18.5	18.2	22.0	19.4	.	13.7	18.4
N7103	9.0	9.0	10.5	8.8	.	6.8	8.8
NLM09-52	19.0	18.2	23.5	21.8	.	13.4	19.2
NMS4-1-83	10.1	13.1	13.6	12.6	.	8.2	11.5
NMS5-101-2-203	9.1	10.1	11.3	10.1	.	7.9	9.7
NMS5-253-1-537	9.2	10.2	11.7	10.9	.	8.7	10.2
SC09-039RR	17.3	15.2	18.5	17.5	.	10.8	15.9
SC09-052RR	15.6	14.4	17.4	16.5	.	10.0	14.8
SC09-102RR	17.0	16.2	19.0	19.2	.	12.4	16.8
SC09-103RR	16.6	16.1	19.3	18.2	.	12.5	16.5
SC09-142RR	16.2	16.2	19.8	18.0	.	11.3	16.3
SC09-238RR	16.9	16.1	19.4	16.4	.	11.4	16.0
NCC06-899	16.6	16.5	19.0	17.4	.	11.3	16.2
Mean	14.9	15.0	17.6	16.0	.	10.8	.

TABLE 95 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Test Mean
AGS758RR	10/15	10/23	10/22	.	10/24	10/12	10/19
AGS787RR	2	1	0	.	0	1	1
N7002	4	4	2	.	2	1	2
N7003CN	2	4	1	.	4	-1	2
G09-1281 RR	3	2	2	.	2	0	2
G09-1754 RR	5	2	3	.	8	6	5
G09-2403 RR	6	0	0	.	-1	1	1
G09-3202R2	1	-3	1	.	-1	0	0
G10PR-224R2	3	1	1	.	0	0	1
G10PR-86R2	2	1	1	.	2	1	1
G10PR-56330R2	2	-1	1	.	-1	-2	0
N08-383	4	4	2	.	2	1	3
N09-13565	-1	-3	1	.	-2	-2	-1
N7103	4	3	1	.	-1	0	1
NLM09-52	11	6	-15	.	12	8	5
NMS4-1-83	-2	0	2	.	-2	-3	-1
NMS5-101-2-203	4	5	3	.	2	2	3
NMS5-253-1-537	4	7	5	.	12	2	6
SC09-039RR	9	4	2	.	4	4	5
SC09-052RR	7	6	4	.	3	3	5
SC09-102RR	8	7	5	.	11	7	7
SC09-103RR	5	5	3	.	7	6	5
SC09-142RR	7	2	3	.	4	5	4
SC09-238RR	4	3	5	.	1	2	3
NCC06-899	3	4	1	.	2	-2	1
Mean	4	3	1	.	3	2	.

TABLE 96 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Test Mean
AGS758RR	29	37	41	38	41	43	38
AGS787RR	30	41	44	36	45	39	39
N7002	33	41	42	36	39	38	38
N7003CN	36	38	44	36	47	41	40
G09-1281 RR	31	41	43	36	45	42	40
G09-1754 RR	37	43	49	39	50	42	43
G09-2403 RR	28	41	38	38	46	44	39
G09-3202R2	36	39	45	37	50	43	42
G10PR-224R2	32	44	46	41	47	42	42
G10PR-86R2	35	40	40	40	50	47	42
G10PR-56330R2	36	42	46	37	46	43	42
N08-383	34	41	44	34	47	43	40
N09-13565	33	33	38	33	38	41	36
N7103	28	37	39	27	41	39	35
NLM09-52	34	37	40	33	39	44	38
NMS4-1-83	32	34	41	29	42	40	36
NMS5-101-2-203	44	44	43	33	63	41	44
NMS5-253-1-537	40	41	42	41	49	43	42
SC09-039RR	38	46	48	40	48	45	44
SC09-052RR	38	44	43	42	40	42	42
SC09-102RR	38	41	46	39	44	44	42
SC09-103RR	35	43	46	40	46	41	42
SC09-142RR	39	39	47	35	45	44	42
SC09-238RR	37	45	48	39	47	42	43
NCC06-899	30	38	40	32	39	39	36
Mean	35	40	44	36	45	42	.

TABLE 97 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Test Mean
AGS758RR	1.0	2.5	2.5	1.3	3.3	1.3	2.0
AGS787RR	1.0	1.7	2.0	1.3	2.5	1.7	1.7
N7002	1.0	3.2	2.3	1.3	2.3	1.3	1.9
N7003CN	1.0	2.3	2.3	1.7	2.8	1.3	1.9
G09-1281 RR	1.0	1.7	2.0	1.0	1.8	1.0	1.4
G09-1754 RR	1.0	1.2	2.0	1.0	2.5	1.0	1.4
G09-2403 RR	1.0	2.0	2.3	1.3	2.0	1.0	1.6
G09-3202R2	1.0	2.5	2.8	1.0	2.5	1.0	1.8
G10PR-224R2	1.0	2.0	2.0	1.3	2.8	1.0	1.7
G10PR-86R2	1.0	2.3	2.5	1.0	2.3	1.0	1.7
G10PR-56330R2	1.0	2.0	2.5	1.0	1.5	1.3	1.6
N08-383	1.0	2.2	2.3	1.0	2.5	1.7	1.8
N09-13565	1.0	2.8	2.3	1.0	1.8	1.7	1.8
N7103	1.0	1.2	2.3	1.0	1.5	1.3	1.4
NLM09-52	1.0	1.0	2.3	1.0	1.8	1.3	1.4
NMS4-1-83	1.0	1.8	2.5	1.0	2.5	2.3	1.9
NMS5-101-2-203	2.3	4.0	3.0	2.7	4.0	2.0	3.0
NMS5-253-1-537	1.7	3.7	2.8	2.0	3.8	1.3	2.5
SC09-039RR	1.0	2.5	2.5	2.0	2.3	1.7	2.0
SC09-052RR	1.0	2.5	2.3	1.7	2.3	2.7	2.1
SC09-102RR	1.0	1.3	2.0	1.0	1.5	1.3	1.4
SC09-103RR	1.0	2.0	2.3	1.0	1.5	1.0	1.5
SC09-142RR	1.0	1.8	2.3	1.0	2.3	1.3	1.6
SC09-238RR	1.0	1.0	2.5	1.0	1.7	1.0	1.4
NCC06-899	1.0	3.2	2.3	1.0	3.3	1.3	2.0
Mean	1.1	2.2	2.3	1.3	2.3	1.4	.

TABLE 98 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Tallassee, AL(A)	Test Mean
AGS758RR	2.2	.	.	1.7	.	2.3	2.1
AGS787RR	2.0	.	.	1.5	.	2.0	1.8
N7002	1.0	.	.	1.0	.	2.0	1.3
N7003CN	1.5	.	.	2.0	.	2.0	1.8
G09-1281 RR	2.3	.	.	1.5	.	2.0	1.9
G09-1754 RR	1.7	.	.	1.3	.	2.0	1.7
G09-2403 RR	2.8	.	.	1.5	.	2.0	2.1
G09-3202R2	1.3	.	.	1.5	.	2.0	1.6
G10PR-224R2	1.5	.	.	1.5	.	2.0	1.7
G10PR-86R2	1.8	.	.	1.5	.	2.0	1.8
G10PR-56330R2	1.8	.	.	1.3	.	2.0	1.7
N08-383	1.3	.	.	1.7	.	2.0	1.7
N09-13565	1.3	.	.	1.7	.	3.3	2.1
N7103	1.3	.	.	1.0	.	2.0	1.4
NLM09-52	1.7	.	.	1.3	.	2.0	1.7
NMS4-1-83	1.0	.	.	1.0	.	2.3	1.4
NMS5-101-2-203	1.8	.	.	1.3	.	3.7	2.3
NMS5-253-1-537	2.7	.	.	2.0	.	4.0	2.9
SC09-039RR	2.0	.	.	1.2	.	3.0	2.1
SC09-052RR	1.3	.	.	1.0	.	2.0	1.4
SC09-102RR	1.3	.	.	1.0	.	2.7	1.7
SC09-103RR	1.0	.	.	1.3	.	2.3	1.6
SC09-142RR	1.3	.	.	1.2	.	2.0	1.5
SC09-238RR	2.0	.	.	1.5	.	2.0	1.8
NCC06-899	1.0	.	.	1.2	.	2.0	1.4
Mean	1.6	.	.	1.4	.	2.3	.

TABLE 99 - PARENTAGE OF STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	SC01-803 RR	SC92-2482/{SC92-2482/[HAGOOD/(HAGOOD/BC1RESNIKRR)]}		
2	G04-1618 RR	PRICHARD-RR X SC96-1476	F5D	
3	N8001	N7001 × Cook		
4	N05-7432	N7002 x N98-7265	F4	DIV (37.5% exotic pedigree) Drought
5	G05-4237 RR	Prichard-RR X G94-3117	F6D	
6	G07-1185 RR	G00-3213 X(Boggs RR(2) X N97-9658)	F5D	
7	G07-2879 RR	G00-3083 X AGS758RR	F5D	
8	G07-3557 RR	G00-3213 X P97M50	F5D	
9	G08-2869 RR	G00-3209 X G03-364 RR	F5D	
10	G08-3279 RR	G00-3209 X G03-952 RR	F5D	
11	G08-3282 RR	G00-3209 X G03-952 RR	F5D	
12	G08-5122 RR	N97-9658 X G02-G176376	F7D	
13	N09-13663	N98-7961xN02-8718	F4	DIV (50% exotic pedigree)
14	N09-13671	N98-7961xN02-8718	F4	DIV (50% exotic pedigree)
15	SC06-291RR	SC98-1930/SC00-892RR	F5	Long-juvenile
16	SC06-676RR	SC01-809RR/G99-3211	F5	
17	SC06-708RR	SC01-809RR/G99-3211	F5	
18	SC07-786RR	SC01-786RR/G00-3213	F5	
19	SC07-1490RR	SC01-809RR/G99-3211	F5	
20	SC07-1518RR	SC01-809RR/G99-3211	F5	

TABLE 100 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN UNIFORM TEST VIII FOR YEAR 2012

STRAIN/		AVERAGE	YIELD			PROTEIN			OIL		
VARIETY	RANK	RANK	2012	11-12	10-12	2012	11-12	10-12	2012	11-12	10-12
SC01-803 RR	20	15	44.9	43.5	43.1	42.3	42.1	41.8	21.1	21.0	20.6
G04-1618 RR	1	6	52.8	49.7	48.7	41.9	41.2	40.4	21.1	21.0	20.5
N8001	14	13	47.4	46.8	46.1	41.4	41.4	41.0	20.8	20.7	20.4
N05-7432	2	8	50.8	49.5	49.6	41.3	40.9	40.4	21.1	21.1	20.9
G05-4237 RR	8	9	49.5	48.4	46.3	41.9	41.6	41.0	21.3	21.1	20.4
G07-1185 RR	13	9	48.1	47.7	46.4	41.4	40.5	39.9	21.1	21.2	20.5
G07-2879 RR	12	11	48.1	47.8	.	41.1	41.2	.	21.8	21.6	.
G07-3557 RR	19	14	46.5	46.7	.	41.6	41.3	.	21.1	21.1	.
G08-2869 RR	11	10	48.4	.	.	40.3	.	.	21.5	.	.
G08-3279 RR	3	7	50.5	.	.	41.5	.	.	21.0	.	.
G08-3282 RR	10	11	48.6	.	.	41.8	.	.	22.6	.	.
G08-5122 RR	5	8	50.2	.	.	40.5	.	.	22.0	.	.
N09-13663	16	14	47.0	.	.	41.7	.	.	22.2	.	.
N09-13671	17	13	46.9	.	.	41.4	.	.	22.0	.	.
SC06-291RR	9	12	48.7	.	.	41.9	.	.	20.9	.	.
SC06-676RR	7	9	50.0	47.5	46.4	41.3	40.8	40.0	21.8	21.5	21.0
SC06-708RR	18	13	46.7	46.8	45.7	40.9	40.2	39.6	22.4	22.3	21.6
SC07-786RR	15	12	47.3	47.0	.	41.4	41.3	.	22.0	22.0	.
SC07-1490RR	6	9	50.2	47.9	.	42.0	41.5	.	21.6	21.6	.
SC07-1518RR	4	9	50.3	49.2	.	41.6	41.3	.	21.8	21.6	.
Mean	.	.	48.6	.	.	41.5	.	.	21.6	.	.
LSD(0.05)	.	.	3.9	.	.	0.7	.	.	0.3	.	.
CV(%)	.	.	12.3	.	.	2.0	.	.	1.8	.	.

TABLE 101 - GENERAL SUMMARY OF BOTANICAL TRAITS FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VIII FOR YEAR 2012

STRAIN/ VARIETY	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SEED SIZE	FL. COLOR	PUB. COLOR	POD COLOR
SC01-803 RR	0	1.3	37	1.7	15.4			
G04-1618 RR	-1	1.7	34	1.7	13.8	W	G	T
N8001	-2	1.9	35	1.7	15.5	P	G	T
N05-7432	2	1.8	33	1.7	14.9	P	G	
G05-4237 RR	2	1.4	34	1.7	14.3	W	G	T
G07-1185 RR	2	1.5	34	1.6	13.0	W	T	T
G07-2879 RR	-1	1.4	33	1.7	14.3	P	T	T
G07-3557 RR	3	1.8	38	2.0	17.0	W	T	T
G08-2869 RR	1	1.6	33	1.6	14.1	W	T	T
G08-3279 RR	-1	1.7	36	1.6	15.4	W	T	T
G08-3282 RR	1	1.9	37	1.7	14.4	W	G	T
G08-5122 RR	1	1.8	37	1.7	14.3	W	G	T
N09-13663	2	1.7	33	2.0	18.6	P	G	
N09-13671	-1	1.5	31	1.5	16.6	P	G	
SC06-291RR	4	1.9	38	1.8	13.6	W	G	T
SC06-676RR	0	1.4	33	1.6	14.7	W	T	T
SC06-708RR	3	1.5	39	1.6	14.9	W	G	T
SC07-786RR	3	1.6	38	1.7	16.3	W	T	T
SC07-1490RR	2	1.4	38	1.8	15.1	W	G	T
SC07-1518RR	3	1.3	37	1.8	15.2	W	G	T
Mean	1	1.6	35	1.7	15.1			
LSD(0.05)	1	0.3	2	0.3	0.8			
CV(%)	166	28.0	9	21.0	6.4			

TABLE 102 - GENERAL SUMMARY OF PEST REACTION FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VIII FOR YEAR 2012

STRAIN/ VARIETY	SCN HG TYPE 1.2.5.7 Race 2	SCN HG TYPE 5.7 Race 3	SCN HG TYPE 2.5.7 Race 5	PRK GA	SRK GA	SC RATING	SC SCORE	SDS DX
SC01-803 RR	5	1	4	5.0	1.3	R	1.0	.
G04-1618 RR	5	1	5	5.0	1.0	R	1.0	.
N8001	5	4	4	4.3	2.0	R	1.0	.
N05-7432	5	3	4	5.0	4.8	S	5.0	.
G05-4237 RR	5	2	5	5.0	1.0	R	1.0	.
G07-1185 RR	5	1	1	2.5	1.0	S	5.0	.
G07-2879 RR	5	1	4	4.3	1.0	R	1.0	.
G07-3557 RR	5	1	3	3.8	1.0	R	1.0	.
G08-2869 RR	5	1	4	4.5	1.0	R	1.0	.
G08-3279 RR	5	2	4	4.0	1.0	R	1.0	.
G08-3282 RR	5	1	4	4.0	1.0	S	5.0	.
G08-5122 RR	5	1	5	4.8	1.0	R	1.0	.
N09-13663	5	5	5	4.0	4.0	S	5.0	.
N09-13671	5	4	5	5.0	1.8	S	5.0	.
SC06-291RR	5	2	5	3.8	1.0	R	1.0	.
SC06-676RR	5	1	4	4.3	1.5	R	1.0	.
SC06-708RR	5	1	2	4.0	1.3	R	1.0	.
SC07-786RR	5	1	1	4.5	1.0	R	1.0	.
SC07-1490RR	5	1	3	5.0	1.0	R	1.0	.
SC07-1518RR	5	1	4	4.8	1.0	R	1.0	.

TABLE 103 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VIII FOR YEAR 2012

East

STRAIN/ VARIETY	*Clayton, NC*	*Kinston, NC(A)*	*Area Mean*
SC01-803 RR	49.3	44.5	44.5
G04-1618 RR	44.1	47.1	47.1
N8001	48.1	50.2	50.2
N05-7432	42.9	53.5	53.5
G05-4237 RR	45.7	46.8	46.8
G07-1185 RR	53.9	47.3	47.3
G07-2879 RR	48.4	48.0	48.0
G07-3557 RR	51.8	45.1	45.1
G08-2869 RR	52.5	49.2	49.2
G08-3279 RR	52.1	53.8	53.8
G08-3282 RR	39.8	47.6	47.6
G08-5122 RR	44.5	45.5	45.5
N09-13663	53.0	46.0	46.0
N09-13671	49.9	48.3	48.3
SC06-291RR	44.0	46.0	46.0
SC06-676RR	56.6	47.3	47.3
SC06-708RR	42.9	46.7	46.7
SC07-786RR	40.3	43.0	43.0
SC07-1490RR	41.4	47.4	47.4
SC07-1518RR	49.1	46.9	46.9
Mean	47.5	47.5	47.5
LSD(0.05)	18.4	4.8	4.8
CV(%)	18.5	6.1	6.1

TABLE 103 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VIII FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Clemson, SC	Fairhope, AL	Plains, GA	Tallassee, AL(A)	Tallassee, AL(B)	Tifton, GA	Area Mean
SC01-803 RR	38.5	42.4	58.7	41.4	56.5	60.0	60.3	26.3	24.0	41.6	45.0
G04-1618 RR	55.1	49.7	57.1	46.0	55.5	72.9	64.6	33.8	30.4	68.2	53.3
N8001	43.9	36.1	56.8	46.8	54.9	70.7	54.2	19.4	23.1	65.3	47.1
N05-7432	37.1	44.5	63.7	56.9	62.5	76.7	58.5	20.1	28.2	57.7	50.6
G05-4237 RR	48.7	53.3	60.6	48.8	58.8	56.0	64.7	31.7	23.1	52.1	49.8
G07-1185 RR	50.1	39.1	61.2	39.1	59.4	54.9	66.0	31.8	29.2	50.7	48.1
G07-2879 RR	45.2	44.7	56.8	43.7	53.3	68.6	66.5	32.3	27.7	42.0	48.1
G07-3557 RR	46.0	46.0	54.2	45.6	55.5	54.9	58.6	29.2	24.7	51.6	46.6
G08-2869 RR	46.6	38.4	59.7	42.9	58.7	63.5	61.2	31.1	33.5	48.1	48.4
G08-3279 RR	50.7	36.7	61.5	48.2	57.0	67.0	65.8	34.8	28.1	51.9	50.2
G08-3282 RR	43.2	47.6	58.7	42.3	55.6	62.9	59.4	30.2	29.8	57.6	48.7
G08-5122 RR	44.8	38.0	63.4	46.5	57.3	73.2	62.7	34.0	27.6	59.9	50.7
N09-13663	42.2	44.2	54.6	46.0	52.5	67.3	58.7	23.0	27.2	55.1	47.1
N09-13671	42.7	38.4	60.5	41.4	53.8	64.6	64.3	29.6	27.2	44.9	46.7
SC06-291RR	50.4	50.6	55.3	42.7	56.7	61.9	56.9	25.6	23.5	66.0	49.0
SC06-676RR	53.7	39.6	64.6	41.9	52.3	70.2	59.4	34.1	27.1	59.7	50.3
SC06-708RR	47.0	37.9	58.3	45.4	50.3	62.4	61.1	31.6	28.9	43.7	46.7
SC07-786RR	46.0	47.0	59.1	45.9	50.3	48.7	65.3	26.7	28.8	59.7	47.7
SC07-1490RR	47.3	37.0	59.7	49.1	54.5	69.4	66.0	33.4	26.0	62.2	50.5
SC07-1518RR	59.4	37.4	59.9	46.0	59.9	67.8	59.4	33.6	28.8	54.4	50.6
Mean	46.9	42.4	59.2	45.3	55.8	64.7	61.7	29.6	27.3	54.6	48.8
LSD(0.05)	6.5	10.0	5.9	5.6	8.1	10.0	4.5	6.8	5.2	12.7	4.2
CV(%)	8.4	14.2	6.1	7.4	8.8	9.3	4.4	13.9	11.5	14.1	12.7

TABLE 104 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Clayton, NC	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Tallassee, AL(B)	Test Mean
SC01-803 RR	21.8	21.2	21.5	21.1	21.0	21.0	21.7	20.6	21.9	19.9	20.0	21.1
G04-1618 RR	21.6	21.2	21.3	21.3	20.7	20.9	22.0	20.5	22.1	20.5	19.5	21.1
N8001	20.8	20.2	21.2	21.3	20.6	20.7	21.3	20.9	21.7	20.2	19.4	20.8
N05-7432	20.4	21.1	22.0	21.1	21.3	21.1	22.1	21.2	22.2	19.9	19.3	21.1
G05-4237 RR	22.2	21.4	21.3	21.5	20.6	20.9	22.3	20.8	22.1	20.8	20.0	21.3
G07-1185 RR	21.6	20.7	21.7	21.3	21.1	20.8	21.9	20.9	22.4	20.4	19.8	21.1
G07-2879 RR	22.3	21.5	22.2	21.4	21.8	21.3	22.1	21.6	22.9	21.8	21.3	21.8
G07-3557 RR	21.5	21.0	21.3	21.3	21.6	20.4	21.6	21.0	22.0	20.6	19.7	21.1
G08-2869 RR	22.0	20.9	21.5	21.3	20.8	21.1	22.1	21.2	22.3	22.1	21.0	21.5
G08-3279 RR	21.6	20.9	21.2	21.2	20.1	20.5	22.0	20.5	21.8	21.4	20.1	21.0
G08-3282 RR	22.2	22.0	23.1	21.7	22.7	22.3	23.7	22.6	24.0	22.4	21.7	22.6
G08-5122 RR	22.5	21.6	22.3	21.4	22.2	21.0	22.7	22.1	22.9	21.9	21.0	22.0
N09-13663	22.5	22.1	22.7	21.5	22.2	21.6	22.9	21.9	22.8	22.1	21.5	22.2
N09-13671	22.8	21.7	22.5	21.2	21.9	21.2	22.3	21.8	23.1	22.1	21.4	22.0
SC06-291RR	21.8	20.8	21.3	21.1	20.8	20.9	21.8	20.7	21.8	20.3	19.1	20.9
SC06-676RR	22.9	21.0	22.3	21.5	21.9	22.0	22.7	21.4	22.7	21.6	20.3	21.8
SC06-708RR	23.2	21.8	23.1	21.2	23.1	22.2	23.3	21.8	23.7	22.1	20.9	22.4
SC07-786RR	22.4	21.5	22.2	21.3	21.6	22.1	22.3	22.6	22.7	22.4	21.4	22.0
SC07-1490RR	21.8	21.7	22.0	21.2	21.2	21.3	22.9	21.8	22.7	20.5	20.0	21.6
SC07-1518RR	22.5	21.5	22.3	20.8	22.2	21.2	22.9	21.8	22.8	21.5	20.4	21.8
Mean	22.0	21.3	22.0	21.3	21.5	21.2	22.3	21.4	22.5	21.2	20.4	.

TABLE 105 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Clayton, NC	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Tallassee, AL(B)	Test Mean
SC01-803 RR	38.3	41.7	43.1	40.6	42.9	42.7	44.3	43.3	.	43.6	42.0	42.3
G04-1618 RR	42.0	40.4	42.5	40.4	42.1	42.3	42.2	41.7	43.1	41.6	42.4	41.9
N8001	40.1	41.7	42.3	40.4	41.3	42.7	41.8	41.2	41.1	41.6	41.4	41.4
N05-7432	40.7	41.6	41.5	40.5	40.7	42.2	41.3	40.8	41.3	41.5	42.3	41.3
G05-4237 RR	41.5	40.1	42.5	40.7	43.1	42.6	43.6	42.8	40.2	42.4	41.8	41.9
G07-1185 RR	40.0	40.3	41.9	40.5	41.0	41.4	41.4	40.6	43.7	42.5	41.9	41.4
G07-2879 RR	39.5	41.4	42.2	40.2	41.2	43.1	42.2	41.2	40.7	39.9	41.0	41.1
G07-3557 RR	40.9	42.1	43.2	39.7	41.2	41.7	42.3	41.2	40.5	41.5	42.8	41.6
G08-2869 RR	40.3	38.9	41.0	41.0	39.4	41.1	41.7	38.9	42.1	38.3	40.2	40.3
G08-3279 RR	38.5	41.8	42.8	39.9	42.6	43.1	42.2	41.9	39.5	41.6	43.0	41.5
G08-3282 RR	41.3	41.8	42.6	40.1	41.4	42.4	43.1	41.1	42.4	41.7	42.4	41.8
G08-5122 RR	41.1	39.8	40.6	40.6	39.3	42.0	41.2	39.4	41.9	39.7	40.4	40.5
N09-13663	40.0	41.6	42.5	40.5	42.4	42.4	42.1	42.5	41.0	41.3	42.6	41.7
N09-13671	40.7	41.0	42.0	40.1	41.9	42.5	42.0	41.2	42.1	41.1	40.7	41.4
SC06-291RR	39.4	40.8	42.5	40.7	41.8	42.1	44.2	42.7	41.6	42.3	43.2	41.9
SC06-676RR	40.6	40.9	41.8	40.2	40.8	40.3	42.6	42.1	42.7	40.4	41.9	41.3
SC06-708RR	40.7	39.4	41.0	40.2	39.9	40.9	42.4	41.9	42.4	40.0	41.0	40.9
SC07-786RR	39.1	41.7	41.8	39.6	42.9	41.8	43.4	41.0	40.9	41.1	42.3	41.4
SC07-1490RR	41.8	40.3	42.6	40.6	42.4	41.9	42.7	41.7	42.8	43.0	42.3	42.0
SC07-1518RR	41.5	39.7	42.0	40.0	40.2	42.8	42.5	41.7	42.4	42.4	42.4	41.6
Mean	40.4	40.9	42.1	40.3	41.4	42.1	42.5	41.4	41.7	41.4	41.9	.

TABLE 106 - SIZE (GRAMS PER 100 SEED) FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Clayton, NC	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Tallassee, AL(B)	Tifton, GA	Test Mean
SC01-803 RR	14.5	15.7	15.8	15.2	16.7	15.9	20.1	16.4	18.8	10.7	10.3	14.5	15.4
G04-1618 RR	12.8	14.3	15.4	14.1	13.3	15.5	17.8	14.1	14.9	10.1	10.1	13.7	13.8
N8001	15.2	16.7	15.5	14.6	17.7	15.9	20.4	15.6	17.7	9.9	10.7	15.8	15.5
N05-7432	14.6	15.9	15.2	14.6	16.3	16.2	19.0	14.9	17.3	9.9	10.7	14.8	14.9
G05-4237 RR	14.3	15.5	13.5	12.6	16.3	13.8	18.1	14.4	17.5	10.7	10.0	15.1	14.3
G07-1185 RR	12.6	14.1	13.6	12.5	13.6	15.2	14.4	11.9	13.7	9.4	9.0	15.7	13.0
G07-2879 RR	14.8	15.2	13.2	13.0	15.8	13.8	19.8	14.7	16.3	10.7	10.6	14.3	14.3
G07-3557 RR	17.1	17.8	18.2	18.2	17.6	18.3	19.7	18.1	18.9	12.3	12.3	15.4	17.0
G08-2869 RR	13.4	14.4	13.1	13.6	16.9	14.1	18.5	14.8	16.5	9.8	10.4	13.6	14.1
G08-3279 RR	16.1	16.8	13.9	14.3	16.1	14.1	19.9	16.9	19.0	11.7	11.8	13.8	15.4
G08-3282 RR	15.9	15.8	13.0	14.1	14.1	13.5	18.1	14.8	17.4	11.4	10.6	13.7	14.4
G08-5122 RR	14.6	15.3	14.6	14.6	13.7	14.9	17.9	14.7	15.8	11.1	10.3	14.1	14.3
N09-13663	18.0	20.1	22.5	19.7	20.0	20.6	22.7	17.7	20.0	12.2	13.3	16.6	18.6
N09-13671	16.6	18.2	18.2	17.1	17.4	18.5	20.2	16.3	18.2	11.5	11.6	14.8	16.6
SC06-291RR	13.1	15.5	13.1	13.5	14.9	12.2	17.5	13.9	14.7	10.3	10.0	15.1	13.6
SC06-676RR	14.8	15.3	15.6	14.6	15.0	14.6	19.3	15.8	16.1	10.3	10.5	14.9	14.7
SC06-708RR	14.8	15.7	15.3	15.3	15.3	15.3	19.5	15.3	16.5	11.1	10.4	14.2	14.9
SC07-786RR	16.1	17.7	17.1	16.8	17.4	16.6	16.8	16.2	19.0	12.9	11.8	16.5	16.3
SC07-1490RR	15.7	15.7	14.1	14.1	14.8	13.9	19.9	15.9	18.3	11.5	10.9	16.7	15.1
SC07-1518RR	15.4	16.8	13.5	14.9	15.8	14.1	21.3	15.2	17.4	11.7	11.0	15.1	15.2
Mean	15.0	16.1	15.2	14.9	15.9	15.4	19.0	15.4	17.2	11.0	10.8	14.9	.

TABLE 107 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

South

STRAIN/ VARIETY	*Athens, GA(A)*	*Athens, GA(B)*	*Blackville, SC(A)*	*Blackville, SC(B)*	*Clemson, SC*	*Fairhope, AL*	*Tallassee, AL(A)*	*Tallassee, AL(B)*	*Tifton, GA*	*Area Mean*
SC01-803 RR	10/18	10/27	11/1	11/1	10/27	10/24	10/15	10/20	10/23	10/24
G04-1618 RR	2	-1	-6	-4	-1	-2	0	0	-3	-2
N8001	2	-1	-6	-3	-1	-2	-3	-1	-2	-2
N05-7432	6	2	-1	-1	6	1	-1	4	-1	1
G05-4237 RR	5	2	-4	-1	6	1	3	4	1	2
G07-1185 RR	8	2	-2	1	7	-3	2	3	0	2
G07-2879 RR	2	-2	-6	-3	3	-1	-1	0	0	-1
G07-3557 RR	6	3	-2	0	10	-3	4	4	2	3
G08-2869 RR	2	1	-2	-1	2	-2	-1	4	1	0
G08-3279 RR	4	3	-6	-2	2	-4	-2	1	-2	-1
G08-3282 RR	9	3	-1	-1	3	-3	2	4	-1	2
G08-5122 RR	4	3	0	0	5	-2	2	4	-1	2
N09-13663	7	-1	-1	0	6	0	0	2	2	2
N09-13671	4	0	-7	-5	1	-2	-2	0	-3	-1
SC06-291RR	6	3	-1	2	6	2	6	6	2	4
SC06-676RR	5	2	-8	0	2	-1	0	3	0	0
SC06-708RR	6	3	0	3	5	0	4	6	0	3
SC07-786RR	7	3	-2	1	8	-4	4	4	1	2
SC07-1490RR	5	2	0	1	6	0	1	3	0	2
SC07-1518RR	8	4	0	1	5	1	3	6	3	3
Mean	5	2	-3	-1	4	-1	1	3	0	1

TABLE 107 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

South

STRAIN/ VARIETY	*Athens, GA(A)*	*Athens, GA(B)*	*Blackville, SC(A)*	*Blackville, SC(B)*	*Clemson, SC*	*Fairhope, AL*	*Tallassee, AL(A)*	*Tallassee, AL(B)*	*Tifton, GA*	*Area Mean*
SC01-803 RR	10/18	10/27	11/1	11/1	10/27	10/24	10/15	10/20	10/23	10/24
G04-1618 RR	2	-1	-6	-4	-1	-2	0	0	-3	-2
N8001	2	-1	-6	-3	-1	-2	-3	-1	-2	-2
N05-7432	6	2	-1	-1	6	1	-1	4	-1	1
G05-4237 RR	5	2	-4	-1	6	1	3	4	1	2
G07-1185 RR	8	2	-2	1	7	-3	2	3	0	2
G07-2879 RR	2	-2	-6	-3	3	-1	-1	0	0	-1
G07-3557 RR	6	3	-2	0	10	-3	4	4	2	3
G08-2869 RR	2	1	-2	-1	2	-2	-1	4	1	0
G08-3279 RR	4	3	-6	-2	2	-4	-2	1	-2	-1
G08-3282 RR	9	3	-1	-1	3	-3	2	4	-1	2
G08-5122 RR	4	3	0	0	5	-2	2	4	-1	2
N09-13663	7	-1	-1	0	6	0	0	2	2	2
N09-13671	4	0	-7	-5	1	-2	-2	0	-3	-1
SC06-291RR	6	3	-1	2	6	2	6	6	2	4
SC06-676RR	5	2	-8	0	2	-1	0	3	0	0
SC06-708RR	6	3	0	3	5	0	4	6	0	3
SC07-786RR	7	3	-2	1	8	-4	4	4	1	2
SC07-1490RR	5	2	0	1	6	0	1	3	0	2
SC07-1518RR	8	4	0	1	5	1	3	6	3	3
Mean	5	2	-3	-1	4	-1	1	3	0	1

TABLE 108 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

East

STRAIN/ VARIETY	*Clayton, NC*	*Kinston, NC(A)*	*Area Mean*
SC01-803 RR	35	46	40
G04-1618 RR	28	38	33
N8001	33	43	38
N05-7432	25	40	33
G05-4237 RR	28	43	35
G07-1185 RR	33	40	36
G07-2879 RR	28	42	35
G07-3557 RR	35	45	40
G08-2869 RR	28	42	35
G08-3279 RR	31	43	37
G08-3282 RR	28	43	36
G08-5122 RR	33	47	40
N09-13663	31	40	35
N09-13671	32	38	35
SC06-291RR	31	48	39
SC06-676RR	31	46	38
SC06-708RR	33	51	42
SC07-786RR	31	43	37
SC07-1490RR	34	47	40
SC07-1518RR	32	46	39
Mean	31	43	.

TABLE 108 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Clemson, SC	Fairhope, AL	Plains, GA	Tallassee, AL(A)	Tallassee, AL(B)	Tifton, GA	Area Mean
SC01-803 RR	43	23	42	28	34	40	40	44	32	36	36
G04-1618 RR	35	23	39	26	37	29	36	45	31	36	34
N8001	38	21	42	27	39	31	38	40	35	38	35
N05-7432	34	23	39	27	39	32	34	37	29	33	33
G05-4237 RR	41	24	42	29	41	27	34	42	32	31	34
G07-1185 RR	37	21	41	26	40	30	38	42	31	34	34
G07-2879 RR	36	26	41	23	38	32	36	41	28	28	33
G07-3557 RR	43	26	44	30	44	36	40	45	35	38	38
G08-2869 RR	41	24	43	24	34	30	33	39	33	31	33
G08-3279 RR	40	21	44	28	43	34	37	42	31	33	35
G08-3282 RR	41	30	46	30	36	33	40	44	36	36	37
G08-5122 RR	41	20	44	27	39	32	40	43	36	38	36
N09-13663	38	25	37	26	35	26	34	38	31	31	32
N09-13671	34	20	37	22	34	27	35	37	31	31	31
SC06-291RR	46	25	44	25	42	35	37	45	35	39	37
SC06-676RR	39	19	38	24	37	31	34	42	27	35	33
SC06-708RR	43	21	50	31	41	38	41	47	34	37	38
SC07-786RR	41	25	45	28	39	38	41	48	36	37	38
SC07-1490RR	41	25	43	31	41	36	43	45	33	39	38
SC07-1518RR	45	23	47	28	38	34	36	44	32	35	36
Mean	40	23	42	27	39	33	37	43	32	35	.

TABLE 109 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

East

STRAIN/ VARIETY	*Clayton, NC*	*Kinston, NC(A)*	*Area Mean*
SC01-803 RR	1.5	1.5	1.5
G04-1618 RR	1.5	2.0	1.8
N8001	1.7	2.0	1.9
N05-7432	1.5	2.0	1.8
G05-4237 RR	1.5	2.0	1.8
G07-1185 RR	1.5	2.0	1.8
G07-2879 RR	1.5	1.5	1.5
G07-3557 RR	2.0	2.3	2.1
G08-2869 RR	1.5	2.0	1.8
G08-3279 RR	1.5	2.0	1.8
G08-3282 RR	1.2	2.3	1.8
G08-5122 RR	1.5	2.0	1.8
N09-13663	2.0	2.5	2.3
N09-13671	1.5	2.3	1.9
SC06-291RR	2.0	2.3	2.1
SC06-676RR	1.5	1.8	1.6
SC06-708RR	1.5	2.0	1.8
SC07-786RR	2.0	2.0	2.0
SC07-1490RR	1.7	2.0	1.9
SC07-1518RR	1.5	1.8	1.6
Mean	1.6	2.0	.

TABLE 109 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

South

STRAIN/ VARIETY	*Athens, GA(A)*	*Athens, GA(B)*	*Blackville, SC(A)*	*Blackville, SC(B)*	*Clemson, SC*	*Fairhope, AL*	*Plains, GA*	*Tallassee, AL(A)*	*Tallassee, AL(B)*	*Tifton, GA*	*Area Mean*
SC01-803 RR	1.0	1.0	1.8	1.0	1.3	2.0	1.0	1.7	1.0	1.0	1.3
G04-1618 RR	1.7	1.0	2.0	1.0	3.0	2.7	1.3	1.0	1.0	1.7	1.6
N8001	1.0	1.0	3.3	2.5	2.7	2.7	1.3	1.3	1.3	1.7	1.9
N05-7432	1.3	1.0	2.5	1.7	3.2	2.7	1.0	1.7	1.0	2.0	1.8
G05-4237 RR	1.3	1.0	1.5	1.0	2.5	2.0	1.0	1.0	1.0	1.0	1.3
G07-1185 RR	1.0	1.0	1.7	1.3	2.7	2.0	1.0	1.3	1.0	1.0	1.4
G07-2879 RR	1.0	1.0	2.0	1.0	2.0	2.7	1.0	1.0	1.0	1.0	1.4
G07-3557 RR	2.0	1.0	2.8	1.3	2.7	3.0	1.0	1.7	1.0	1.3	1.8
G08-2869 RR	1.3	1.0	2.5	1.0	2.8	2.7	1.0	1.0	1.0	1.0	1.5
G08-3279 RR	2.0	1.0	2.2	1.0	3.0	3.0	1.0	1.0	1.0	1.3	1.7
G08-3282 RR	1.3	1.0	3.2	2.3	3.7	3.0	1.7	1.0	1.0	1.0	1.9
G08-5122 RR	1.3	1.0	3.2	1.3	2.8	2.7	1.7	1.7	1.0	1.7	1.8
N09-13663	1.7	1.0	2.5	1.3	2.7	3.0	1.3	1.0	1.0	1.0	1.7
N09-13671	1.0	1.0	1.5	1.0	2.2	2.7	1.3	1.0	1.0	1.3	1.4
SC06-291RR	2.0	1.0	2.7	1.3	3.0	3.0	1.3	1.3	1.3	1.7	1.9
SC06-676RR	1.7	1.0	1.5	1.0	1.7	1.7	1.0	2.0	1.0	1.0	1.4
SC06-708RR	1.0	1.0	2.3	1.0	2.2	3.0	1.0	1.0	1.0	1.0	1.5
SC07-786RR	1.0	1.0	2.0	1.0	2.8	3.3	1.0	1.0	1.0	1.0	1.5
SC07-1490RR	1.0	1.0	2.2	1.0	2.2	2.0	1.0	1.0	1.0	1.0	1.3
SC07-1518RR	1.0	1.0	2.0	1.0	1.2	2.3	1.0	1.0	1.0	1.0	1.3
Mean	1.3	1.0	2.3	1.3	2.5	2.6	1.2	1.2	1.0	1.2	.

TABLE 110 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

East

STRAIN/ VARIETY	***Clayton, NC***	***Kinston, NC(A)***	***Area Mean***
SC01-803 RR	.	.	.
G04-1618 RR	.	.	.
N8001	.	.	.
N05-7432	.	.	.
G05-4237 RR	.	.	.
G07-1185 RR	.	.	.
G07-2879 RR	.	.	.
G07-3557 RR	.	.	.
G08-2869 RR	.	.	.
G08-3279 RR	.	.	.
G08-3282 RR	.	.	.
G08-5122 RR	.	.	.
N09-13663	.	.	.
N09-13671	.	.	.
SC06-291RR	.	.	.
SC06-676RR	.	.	.
SC06-708RR	.	.	.
SC07-786RR	.	.	.
SC07-1490RR	.	.	.
SC07-1518RR	.	.	.
Mean	.	.	.

TABLE 110 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2012

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Clemson, SC	Fairhope, AL	Plains, GA	Tallassee, AL(A)	Tallassee, AL(B)	Tifton, GA	Area Mean
SC01-803 RR	1.2	1.5	.	.	.	2.0	1.3	2.0	2.0	1.8	1.7
G04-1618 RR	1.5	1.3	.	.	.	2.0	1.7	2.0	2.0	1.7	1.7
N8001	1.3	1.5	.	.	.	2.0	1.2	2.0	2.0	1.7	1.7
N05-7432	1.3	1.5	.	.	.	1.7	1.2	2.7	2.0	1.5	1.7
G05-4237 RR	1.2	1.2	.	.	.	2.0	1.5	2.7	2.0	1.5	1.7
G07-1185 RR	1.5	1.5	.	.	.	1.0	1.0	2.7	2.3	1.5	1.6
G07-2879 RR	1.3	1.3	.	.	.	2.0	1.5	2.0	2.3	1.7	1.7
G07-3557 RR	1.3	1.3	.	.	.	2.0	1.5	3.0	3.0	1.8	2.0
G08-2869 RR	1.2	1.3	.	.	.	2.0	1.0	2.0	2.0	1.7	1.6
G08-3279 RR	1.3	1.0	.	.	.	2.0	1.5	1.7	2.0	1.7	1.6
G08-3282 RR	1.0	1.5	.	.	.	2.0	1.0	2.7	2.0	1.7	1.7
G08-5122 RR	1.3	1.3	.	.	.	1.7	1.2	3.0	2.0	1.5	1.7
N09-13663	1.3	1.0	.	.	.	2.7	1.3	2.7	3.3	1.5	2.0
N09-13671	1.0	1.3	.	.	.	2.0	1.0	2.0	2.0	1.5	1.5
SC06-291RR	1.5	1.5	.	.	.	1.0	1.5	2.7	3.0	1.7	1.8
SC06-676RR	1.2	1.5	.	.	.	2.0	1.3	2.0	2.0	1.5	1.6
SC06-708RR	1.0	1.5	.	.	.	2.0	1.2	2.0	2.0	1.7	1.6
SC07-786RR	1.3	1.7	.	.	.	1.0	1.5	2.0	2.7	1.5	1.7
SC07-1490RR	1.2	1.8	.	.	.	2.0	1.3	2.3	2.0	1.7	1.8
SC07-1518RR	1.5	1.5	.	.	.	2.0	1.3	2.0	2.7	1.5	1.8
Mean	1.3	1.4	.	.	.	1.9	1.3	2.3	2.3	1.6	.

INTENTIONALLY BLANK

TABLE 111 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII
FOR YEAR 2012

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	SC01-803 RR	SC92-2482/{SC92-2482/[HAGOOD/(HAGOOD/BC1RESN		
2	G04-1618 RR	PRICHARD-RR X SC96-1476	F5D	
3	N8001	N7001 × Cook		
4	N05-7432	N7002 x N98-7265	F4	DIV (37.5% exotic pedigree) Drought
5	G09-2369 RR	G00-3880 X (BOGGS-RR(6) X G93-9009)	F7D	
6	G09-2416 RR	G00-3083 X (H7242RR(5) X G93-9009)	F7D	
7	G10PR-56264R2	G00-3213(2) X RR2Y	F4D	
8	G10PR-56288R2	G00-3213(2) X RR2Y	F4D	
9	G10PR-56351R2	G93-2225 X (G00-3213 X RR2Y)	F4D	
10	G10PR-56406R2	G93-2225 X (G00-3213 X RR2Y)	F4D	
11	G10PR-56444R2	G93-2225 X (G00-3213 X RR2Y)	F4D	
12	N09-13317	N98-7961xN95-7296	F4	DIV (50% exotic pedigree)
13	N09-13325	N98-7961xN02-8760	F4	DIV (50% exotic pedigree)
14	SC09-057RR	N97-9658/SC00-643RR	F6	
15	SC09-059RR	N97-9658/SC00-643RR	F6	
16	SC09-090RR	N97-9658/SC00-643RR	F6	
17	SC09-092RR	N97-9658/SC00-643RR	F6	
18	SC09-183RR	SC01-809RR/G99-3211	F6	
19	SC09-210RR	SC01-809RR/G99-3211	F6	

TABLE 112 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN PRELIMINARY TEST VIII FOR YEAR 2012

STRAIN/ VARIETY	SEED YIELD	RANK	AVG. RANK	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SIZE	% PROTEIN	% OIL	HG TYPE 1.2.5.7 Race 2	HG TYPE 5.7 Race 3	HG TYPE 2.5.7 Race 5	SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR
SC01-803 RR	45.8	10	10	0	1.4	40	1.5	15.5	43.5	21.0	5	2	5	R	1			
G04-1618 RR	50.5	1	5	0	2.1	38	1.6	13.9	41.3	21.0	5	3	5	R	1	W	G	T
N8001	45.6	12	10	-2	2.0	38	1.5	15.6	41.6	20.9	5	5	5	R	1	P	G	T
N05-7432	47.3	5	7	4	2.0	34	1.7	15.5	41.5	21.1	5	5	5	S	5	P	G	
G09-2369 RR	45.8	11	11	2	1.8	39	1.9	14.4	42.0	22.0	5	3	5	MS	4	P	T	T
G09-2416 RR	45.1	14	12	2	1.7	43	1.5	15.6	40.6	22.7	5	4	5	R	1	P	T	T
G10PR-56264R2	50.3	2	5	-2	1.6	38	1.8	14.8	42.0	21.6	5	5	5	MS	4	W	T	T
G10PR-56288R2	47.8	4	7	0	1.6	38	2.2	15.5	42.1	21.5	5	5	5	R	1	W	T	T
G10PR-56351R2	46.4	6	11	-1	1.9	36	1.7	14.4	42.8	21.2	5	5	5	R	1	P	T	T
G10PR-56406R2	44.8	15	12	0	2.0	42	1.8	16.2	42.7	21.1	5	4	5	R	1	P	T	T
G10PR-56444R2	49.5	3	6	0	1.8	38	1.7	15.4	41.8	21.7	4	5	4	R	1	P	T	T
N09-13317	44.4	17	12	2	2.1	37	1.8	16.3	41.7	22.1	5	5	5	S	5	P	G	
N09-13325	41.1	19	17	2	2.2	38	1.6	19.5	43.1	21.8	5	5	5	S	5	P	G	
SC09-057RR	44.4	18	13	4	1.9	39	1.7	13.0	42.3	21.8	5	5	5	S	5	W	G	T
SC09-059RR	44.7	16	12	4	1.9	41	1.3	14.5	42.4	21.6	5	5	5	S	5	P	G	T
SC09-090RR	45.3	13	12	3	1.7	40	1.6	16.1	42.1	21.6	5	1	5	S	5	W	T	T
SC09-092RR	46.3	8	9	2	1.6	38	1.8	16.6	42.2	21.7	5	2	5	S	5	P	T	T
SC09-183RR	45.9	9	10	2	1.6	42	1.7	16.7	42.5	21.4	5	2	5	R	1	W	T	T
SC09-210RR	46.3	7	10	2	1.6	39	1.9	14.3	41.7	21.1	5	2	5	R	1	W	G	T
Mean	46.2	.	.	1	1.8	39	1.7	15.5	42.1	21.5	.	.	.		.			
LSD(0.05)	3.6	.	.	2	.	2	0.4	0.8	0.7	0.4	.	.	.		.			
CV(%)	10.5	.	.	170	.	8	25.3	5.1	1.5	1.6	.	.	.		.			

TABLE 113 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Clayton, NC	Clemson, SC	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Test Mean
SC01-803 RR	40.1	61.1	42.5	54.4	34.6	59.4	28.6	45.8
G04-1618 RR	53.2	64.8	50.0	53.5	37.0	63.1	33.3	50.5
N8001	49.7	57.6	44.5	45.5	43.2	53.2	26.1	45.6
N05-7432	37.5	61.3	42.6	53.4	45.7	63.5	27.2	47.3
G09-2369 RR	49.7	51.7	39.5	46.7	40.8	62.6	29.6	45.8
G09-2416 RR	44.2	55.5	45.7	43.3	39.0	58.0	30.0	45.1
G10PR-56264R2	54.0	61.0	45.9	49.8	39.2	67.2	35.2	50.3
G10PR-56288R2	50.8	58.4	42.0	47.7	42.0	63.8	30.0	47.8
G10PR-56351R2	44.0	59.0	38.6	50.4	40.6	62.6	29.0	46.4
G10PR-56406R2	45.2	53.9	42.5	43.9	39.6	59.0	28.9	44.8
G10PR-56444R2	45.1	60.2	45.0	53.2	51.3	64.1	27.3	49.5
N09-13317	40.4	52.8	45.8	51.1	40.9	59.1	20.9	44.4
N09-13325	37.1	51.6	39.7	46.5	36.2	50.6	26.2	41.1
SC09-057RR	44.4	59.4	40.1	50.6	38.6	56.7	21.3	44.4
SC09-059RR	42.7	56.0	38.6	56.1	41.3	51.9	27.8	44.7
SC09-090RR	48.8	53.1	42.5	44.9	40.6	59.2	28.2	45.3
SC09-092RR	46.2	56.7	35.2	51.9	42.4	60.2	29.9	46.3
SC09-183RR	44.7	56.8	40.1	54.3	40.7	59.9	25.1	45.9
SC09-210RR	44.1	59.8	39.6	50.1	41.5	58.2	30.9	46.3
Mean	45.4	57.4	42.1	49.9	40.8	59.6	28.2	46.2
LSD(0.05)	7.7	7.6	10.6	6.4	5.9	5.3	6.1	3.6
CV(%)	10.2	8.0	13.5	7.5	8.8	5.4	13.1	10.5

TABLE 114 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Clayton, NC	Clemson, SC	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Test Mean
SC01-803 RR	21.3	.	20.4	20.5	20.8	21.9	20.6	21.0
G04-1618 RR	21.3	21.7	19.9	20.7	21.5	22.0	20.1	21.0
N8001	20.9	21.3	20.3	20.9	21.4	21.7	20.0	20.9
N05-7432	21.0	21.4	20.4	20.9	21.8	21.9	20.2	21.1
G09-2369 RR	22.2	22.0	21.8	21.9	21.6	22.7	21.6	22.0
G09-2416 RR	22.7	23.3	21.5	22.7	23.5	23.7	21.4	22.7
G10PR-56264R2	21.7	22.2	20.3	21.2	21.9	22.4	21.8	21.6
G10PR-56288R2	22.0	22.0	20.0	20.8	22.0	22.4	21.6	21.5
G10PR-56351R2	21.2	21.2	20.5	21.1	21.6	22.1	20.4	21.2
G10PR-56406R2	21.4	21.3	20.4	21.0	21.3	21.9	20.6	21.1
G10PR-56444R2	20.9	21.8	21.1	21.3	22.0	22.7	22.1	21.7
N09-13317	22.1	22.2	22.2	21.4	22.2	22.8	21.9	22.1
N09-13325	21.8	21.7	21.5	21.3	22.2	22.8	21.5	21.8
SC09-057RR	22.3	22.1	21.4	21.6	21.8	22.3	21.1	21.8
SC09-059RR	21.7	21.8	20.6	21.6	21.7	22.3	21.2	21.6
SC09-090RR	21.8	21.9	20.9	21.5	21.9	22.3	20.9	21.6
SC09-092RR	21.6	22.2	20.9	21.5	22.4	22.5	20.6	21.7
SC09-183RR	21.7	22.0	21.0	21.1	21.4	22.0	20.4	21.4
SC09-210RR	21.2	21.4	20.7	20.4	20.9	21.6	21.4	21.1
Mean	21.6	21.9	20.8	21.2	21.8	22.3	21.0	.

TABLE 115 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Clayton, NC	Clemson, SC	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Test Mean
SC01-803 RR	42.7	.	43.5	43.8	43.4	44.0	43.1	43.5
G04-1618 RR	40.2	41.4	42.6	41.7	40.4	41.5	41.6	41.3
N8001	41.6	41.8	42.1	42.3	39.9	41.4	42.2	41.6
N05-7432	41.3	42.6	41.8	42.7	40.1	41.3	40.5	41.5
G09-2369 RR	40.7	43.5	40.9	41.9	42.8	43.2	41.0	42.0
G09-2416 RR	40.7	41.4	42.0	40.3	38.4	40.1	41.1	40.6
G10PR-56264R2	41.9	42.2	42.7	43.4	41.0	42.3	40.8	42.0
G10PR-56288R2	41.4	42.3	42.9	43.4	40.7	42.7	41.2	42.1
G10PR-56351R2	42.6	43.7	42.8	43.3	42.2	42.4	42.8	42.8
G10PR-56406R2	42.0	43.3	42.8	43.2	42.2	42.6	42.5	42.7
G10PR-56444R2	42.6	42.6	42.4	42.7	40.7	41.5	40.2	41.8
N09-13317	41.8	42.2	41.6	42.3	41.3	41.5	41.2	41.7
N09-13325	43.1	43.4	43.9	42.4	42.3	43.3	43.6	43.1
SC09-057RR	42.0	43.0	41.8	42.4	41.3	43.3	42.5	42.3
SC09-059RR	42.2	42.9	44.0	42.1	41.0	43.4	41.5	42.4
SC09-090RR	41.3	43.0	42.7	42.5	40.9	42.3	42.2	42.1
SC09-092RR	42.3	42.6	43.1	42.8	40.8	42.3	41.5	42.2
SC09-183RR	42.5	42.0	42.7	42.6	42.0	43.0	43.0	42.5
SC09-210RR	41.4	41.6	41.2	42.0	41.7	42.6	41.6	41.7
Mean	41.8	42.5	42.5	42.5	41.2	42.4	41.8	.

TABLE 116 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Clayton, NC	Clemson, SC	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Test Mean
SC01-803 RR	15.1	15.8	15.1	16.8	16.6	18.4	10.5	15.5
G04-1618 RR	13.5	15.4	13.8	15.6	13.9	15.4	9.9	13.9
N8001	16.6	15.9	16.0	16.3	15.8	18.3	10.3	15.6
N05-7432	16.1	15.6	16.8	16.2	15.8	17.9	10.2	15.5
G09-2369 RR	13.7	15.3	14.9	15.9	14.7	16.4	10.4	14.4
G09-2416 RR	16.6	16.2	16.9	16.5	15.1	16.9	11.2	15.6
G10PR-56264R2	15.1	15.3	14.2	15.6	14.9	16.9	11.5	14.8
G10PR-56288R2	16.5	15.9	15.3	15.9	15.4	17.4	12.2	15.5
G10PR-56351R2	15.4	14.3	13.7	16.8	15.6	15.3	9.9	14.4
G10PR-56406R2	17.0	16.9	15.8	16.9	16.8	17.8	12.2	16.2
G10PR-56444R2	16.4	16.3	14.8	16.8	15.4	17.3	10.6	15.4
N09-13317	18.0	17.2	17.5	17.2	15.6	18.2	10.8	16.3
N09-13325	22.3	19.0	21.4	18.4	19.4	21.4	14.6	19.5
SC09-057RR	14.4	12.6	14.1	12.0	13.5	14.9	9.8	13.0
SC09-059RR	15.6	14.2	15.9	16.1	13.9	16.1	10.0	14.5
SC09-090RR	17.2	16.2	16.8	16.1	15.9	18.6	12.1	16.1
SC09-092RR	17.6	16.8	18.2	16.7	16.4	18.9	11.7	16.6
SC09-183RR	17.9	16.9	16.5	17.8	16.9	19.6	11.5	16.7
SC09-210RR	15.2	14.6	14.1	13.2	15.5	16.7	11.1	14.3
Mean	16.3	15.8	15.9	16.1	15.6	17.5	11.1	.

TABLE 117 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Clayton, NC	Clemson, SC	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Test Mean
SC01-803 RR	10/20	10/31	10/25	10/28	11/4	.	10/13	10/25
G04-1618 RR	2	0	1	-2	-3	.	2	0
N8001	2	-2	-2	-3	-3	.	-2	-2
N05-7432	7	0	9	3	0	.	4	4
G09-2369 RR	6	-2	5	3	0	.	3	2
G09-2416 RR	6	-5	4	3	-2	.	5	2
G10PR-56264R2	-1	-4	-2	-1	-6	.	3	-2
G10PR-56288R2	2	-5	1	3	-3	.	1	0
G10PR-56351R2	4	-5	0	2	-5	.	-2	-1
G10PR-56406R2	4	-4	-1	3	-4	.	1	0
G10PR-56444R2	6	-1	-1	1	-3	.	-1	0
N09-13317	6	-1	2	5	-1	.	1	2
N09-13325	6	1	2	7	-2	.	1	2
SC09-057RR	7	0	5	5	-1	.	6	4
SC09-059RR	7	1	7	6	-1	.	6	4
SC09-090RR	6	-3	5	5	-1	.	7	3
SC09-092RR	6	-4	4	3	-3	.	5	2
SC09-183RR	6	-3	2	6	0	.	3	2
SC09-210RR	7	1	2	3	1	.	1	2
Mean	5	-2	2	3	-2	.	2	.

TABLE 118 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Clayton, NC	Clemson, SC	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Test Mean
SC01-803 RR	31	44	29	41	46	40	45	40
G04-1618 RR	27	43	32	42	41	34	46	38
N8001	33	41	37	38	40	36	42	38
N05-7432	24	40	24	36	38	33	43	34
G09-2369 RR	31	47	30	43	46	35	43	39
G09-2416 RR	34	47	43	43	49	39	43	42
G10PR-56264R2	31	43	32	39	41	37	43	38
G10PR-56288R2	31	44	30	41	46	34	43	38
G10PR-56351R2	31	39	23	40	41	35	42	36
G10PR-56406R2	35	43	40	46	48	40	42	42
G10PR-56444R2	30	39	31	40	41	39	44	38
N09-13317	30	44	26	39	42	33	43	37
N09-13325	32	39	33	38	42	37	43	38
SC09-057RR	30	43	31	41	45	37	46	39
SC09-059RR	34	41	38	46	49	36	45	41
SC09-090RR	31	46	34	43	45	40	43	40
SC09-092RR	32	43	27	39	44	38	42	38
SC09-183RR	33	46	33	43	48	41	46	41
SC09-210RR	33	44	31	40	48	37	41	39
Mean	31	43	32	41	44	37	43	.

TABLE 119 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Clayton, NC	Clemson, SC	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Test Mean
SC01-803 RR	1.0	1.7	1.5	1.8	1.8	1.0	1.3	1.4
G04-1618 RR	1.0	2.8	1.9	3.8	2.0	1.3	2.0	2.1
N8001	1.0	3.5	1.4	3.0	2.0	1.0	2.0	2.0
N05-7432	1.0	2.7	1.5	3.7	2.0	1.7	1.7	2.0
G09-2369 RR	1.0	2.3	1.5	3.0	1.8	1.0	1.7	1.8
G09-2416 RR	1.0	2.2	1.5	3.0	1.8	1.0	1.7	1.7
G10PR-56264R2	1.0	2.2	1.5	2.5	2.0	1.0	1.3	1.6
G10PR-56288R2	1.0	2.2	1.5	2.5	2.0	1.0	1.3	1.6
G10PR-56351R2	1.0	3.0	1.4	3.0	2.0	1.0	1.7	1.9
G10PR-56406R2	1.0	3.3	1.4	3.5	2.3	1.0	1.7	2.0
G10PR-56444R2	1.0	2.7	1.5	2.8	2.0	1.0	1.3	1.8
N09-13317	1.0	3.2	1.5	3.8	2.3	1.0	1.7	2.1
N09-13325	1.0	3.2	1.5	4.2	2.0	2.0	1.3	2.2
SC09-057RR	1.0	3.3	1.4	3.2	1.8	1.0	1.3	1.9
SC09-059RR	1.0	2.8	1.8	3.0	2.0	1.0	2.0	1.9
SC09-090RR	1.0	2.7	1.5	2.8	1.8	1.0	1.3	1.7
SC09-092RR	1.0	2.3	1.3	2.5	1.8	1.0	1.3	1.6
SC09-183RR	1.0	2.5	1.5	2.2	1.8	1.0	1.3	1.6
SC09-210RR	1.0	2.2	1.3	2.0	1.5	1.0	2.3	1.6
Mean	1.0	2.7	1.5	3.0	1.9	1.1	1.6	.

TABLE 120 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2012

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Clayton, NC	Clemson, SC	Kinston, NC(A)	Plains, GA	Tallassee, AL(A)	Test Mean
SC01-803 RR	1.3	.	.	.	.	1.2	2.0	1.5
G04-1618 RR	1.5	.	.	.	.	1.2	2.0	1.6
N8001	1.3	.	.	.	.	1.2	2.0	1.5
N05-7432	1.7	.	.	.	.	1.2	2.3	1.7
G09-2369 RR	1.7	.	.	.	.	1.5	2.7	1.9
G09-2416 RR	1.3	.	.	.	.	1.2	2.0	1.5
G10PR-56264R2	1.7	.	.	.	.	1.5	2.3	1.8
G10PR-56288R2	2.3	.	.	.	.	1.8	2.3	2.2
G10PR-56351R2	1.3	.	.	.	.	1.5	2.3	1.7
G10PR-56406R2	1.7	.	.	.	.	1.5	2.3	1.8
G10PR-56444R2	1.3	.	.	.	.	1.7	2.0	1.7
N09-13317	1.3	.	.	.	.	1.8	2.3	1.8
N09-13325	1.3	.	.	.	.	1.2	2.3	1.6
SC09-057RR	2.0	.	.	.	.	1.0	2.0	1.7
SC09-059RR	1.0	.	.	.	.	1.0	2.0	1.3
SC09-090RR	1.7	.	.	.	.	1.0	2.0	1.6
SC09-092RR	1.7	.	.	.	.	1.0	2.7	1.8
SC09-183RR	1.0	.	.	.	.	1.8	2.3	1.7
SC09-210RR	1.7	.	.	.	.	1.8	2.3	1.9
Mean	1.5	.	.	.	.	1.4	2.2	.