

UNIFORM SOYBEAN TESTS

SOUTHERN STATES

2010

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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), AG4103(RR), AG4403(RR), LD00-3309, DK4866, AG4903(RR), AG4907(RR), 5002T, 5601T, AG5606(RR), Osage, JTN5503, AGS606(RR), Dillon, NC-Roy, AGS758RR, Haskell RR, N7002, N02-7084, SC01-803RR, 97M50 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.

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STRAIN DESIGNATION

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

B	-	Virginia Agricultural Experiment Station, Blacksburg
DB	-	Delta Branch Experiment Station, USDA-ARS
DS	-	Delta Branch Experiment Station, USDA-ARS
G	-	Georgia Agricultural Experiment Station
JTN	-	Tennessee Agricultural Experiment Station, Jackson and USDA-ARS
K	-	Kansas Agricultural Experiment Station
LG	-	Delta Branch Experiment Station, USDA-ARS
LS	-	Southern Illinois University, Carbondale
MD	-	Maryland Agricultural Experiment Station and USDA-ARS
N	-	North Carolina Agricultural Experiment Station and USDA-ARS
NCC	-	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
TN	-	Tennessee Agricultural Experiment Station
V	-	Virginia Agricultural Experiment Station, Virginia Tech
VS	-	Virginia Agricultural Experiment Station
UA	-	Arkansas Agricultural Experiment Station

SOYBEAN NURSERY INFORMATION

A. LOCATION CONTACT AND TESTS- 2010

2010 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	
Stuttgart, AR	P. Chen	Delta	P	P	U	P	U	P	U					
Pine Tree,AR	Matt Conatser	Delta	P	P	U	P	U	P	U					
Georgetown,DE	R. Uniatowski	East			U		U							
Calhoun,GA	Don Day	South					U		U		U			
Tifton,GA	Don Day	South							U		U		U	
Athens,GA(A)	H. Roger Boerma	South							U	P	U	P	U	
Athens,GA(B)	H. Roger Boerma	South									U		U	
Plains,GA	H. Roger Boerma	South								P	U	P	U	
Ullin,IL	Jim Klein	South	P	P	U									
McCune,KS	W. T. Schapaugh, Jr.	West		P	U	P	U							
Pittsburg,KS	W. T. Schapaugh, Jr.	West		P	U	P	U							
Princeton,KY	Eugene Lacefield	South			U		U							
Bossier City,LA	Blair Buckley	West			U		U		U		U			
Queenstown,MD	W. J. Kenworthy	East	P	P	U	P	U							
Portageville,MO(A)	Grover Shannon	Delta			U		U							
Portageville,MO(B)	Grover Shannon	Delta	P	P	U	P	U							
Starkville,MS	Brad Burgess	South			U		U							
Stoneville,MS	Gary Shelton	Delta	P	P	U	P	U	P	U					
Kinston,NC(B)	Andrea Cardinal	East						P	U					
Plymouth,NC(B)	Andrea Cardinal	East	P	P	U	P	U							
Kinston,NC(A)	Tommy Carter	East				P	U			P	U	P	U	
Plymouth,NC(A)	Tommy Carter	East						P	U	P	U			
Jackson Springs,NC	Tommy Carter	East									U	P	U	
Stillwater,OK	Steve Moore	West			U		U							
Blackville,SC(A)	Emerson R. Shipe	South							U	P	U	P		
Blackville,SC(B)	Emerson R. Shipe	South									U		U	
Clemson,SC	Emerson R. Shipe	South						P	U		U		U	
Florence,SC	Emerson R. Shipe	South							U		U	P	U	
Jackson,TN	P. Arelli	South	P		U	P	U							
Knoxville,TN	Vincent R. Pantalone	South	P		U		U							
Springfield,TN	Vincent R. Pantalone	South	P		U		U							
Orange,VA	David E. Starnier	South	P		U		U							
Suffolk,VA	David Holshouser	East					U							
Warsaw,VA	Katy Martin Rainey	East	P	P	U	P	U							
TOTAL LOCATIONS PLANTED				12	10	21	11	24	7	15	6	15	7	12
TOTAL LOCATIONS REPORTING DATA														

B. PLANTING DATES – 2010

	PIV-S-E ²	PIV-S-L	PV	PVI	PVII	PVIII	UIV-S	UV	UVI	UVII	UVIII
Belle Mina,AL								ND	ND		
Fairhope,AL									ND	ND	ND
Tallassee,AL(A)				ND	ND	ND			ND	ND	ND
Tallassee,AL(B)											ND
Stuttgart, AR	5/27	5/27	5/27	5/27			5/27	5/27	5/27		
Pine Tree,AR	5/6	5/6	5/6	5/6			5/6	5/6	5/6		
Georgetown,DE							ND	ND			
Calhoun,GA								ND	ND	ND	
Tifton,GA									ND	ND	ND
Athens,GA(A)					5/14	5/14			5/14	5/14	5/14
Athens,GA(B)										6/21	6/21
Plains,GA					6/22	6/22				DISCARDED	6/22
Ullin,IL	5/21	5/21					5/21				
McCune,KS		6/23	6/23				6/23	6/23			
Pittsburg,KS		6/22	6/22				6/22	6/22			
Princeton,KY							5/24	5/24			
Bossier City,LA							6/24	6/24	6/24	6/24	
Queenstown,MD	5/26	5/26	5/26				5/26	5/26			
Portageville,MO(A)							5/14	5/6			
Portageville,MO(B)	5/26	5/26	5/26				5/26	5/26			
Starkville,MS							ND	ND			
Stoneville,MS	4/15	4/15	4/15	4/15			4/15	4/15	4/15		
Kinston,NC(B)				5/21					5/21		
Plymouth,NC(B)	5/12	5/12	5/12				5/12	5/12			
Kinston,NC(A)			6/22		6/22	6/22		6/22		6/22	6/22
Plymouth,NC(A)				6/3	6/3				6/3	6/3	
Jackson Springs,NC						ND				ND	ND
Stillwater,OK							5/24	5/24			
Blackville,SC(A)					6/10	6/10			6/10	6/10	
Blackville,SC(B)										6/25	6/25
Clemson,SC				6/3					6/3	6/3	6/3
Florence,SC						ND			ND	ND	ND
Jackson,TN	5/24		5/24				5/24	5/24			
Knoxville,TN	5/24						5/24	5/24			
Springfield,TN	5/25						5/25	5/25			
Orange,VA	ND						ND	ND			
Suffolk,VA								5/18			
Warsaw,VA	5/26	5/26	5/26				5/26	5/26			

² ND = No dates reported

C. HARVEST DATES - 2010

	PIV-S-E ^z	PIV-S-L	PV	PVI	PVII	PVIII	UIV-S	UV	UVI	UVII	UVIII
Belle Mina,AL								DROUGHT	DROUGHT		
Fairhope,AL									ND	ND	ND
Tallassee,AL(A)				DROUGHT	DROUGHT	DROUGHT			DROUGHT	DROUGHT	DROUGHT
Tallassee,AL(B)											DROUGHT
Stuttgart, AR	9/23	10/18	10/29	10/25			10/18	10/18	10/29		
Pine Tree,AR	10/6	10/20	10/20	combine error			10/20	10/20	combine error		
Georgetown,DE							ND	ND			
Calhoun,GA								ND	ND	ND	
Tifton,GA									ND	ND	ND
Athens,GA(A)					10/31	11/8			10/22	10/22	10/31
Athens,GA(B)										11/9	11/11
Plains,GA					11/7	11/7				DISCARDED	11/7
Ullin,IL	10/18	10/18					10/18				
McCune,KS		11/5	11/5				11/5	11/5			
Pittsburg,KS		11/3	11/3				11/3	11/3			
Princeton,KY							10/11	10/11			
Bossier City,LA							DROUGHT	DROUGHT	DROUGHT	11/10	
Queenstown,MD	ND	ND	ND				ND	ND			
Portageville,MO(A)							10/7	10/9			
Portageville,MO(B)	10/4	10/11	10/18				10/11	10/13			
Starkville,MS							ND	ND			
Stoneville,MS	9/9	9/15	9/25	10/4			9/15	9/25	10/4		
Kinston,NC(B)				11/2					11/2		
Plymouth,NC(B)	10/12	10/13	10/17				10/13	10/17			
Kinston,NC(A)			ND		ND	ND		ND		ND	ND
Plymouth,NC(A)				ND	ND				ND	ND	
Jackson Springs,NC						ND				ND	ND
Stillwater,OK							10/15	10/15			
Blackville,SC(A)					11/9	11/18			10/21	11/9	
Blackville,SC(B)										11/18	11/18
Clemson,SC				11/8					11/8	11/10	11/18
Florence,SC						DROUGHT			DROUGHT	DROUGHT	DROUGHT
Jackson,TN	9/30		10/19				9/29	10/19			
Knoxville,TN	9/24						10/11	11/1			
Springfield,TN	9/29						10/7	10/7			
Orange,VA	ND						ND	ND			
Suffolk,VA								ND			
Warsaw,VA	10/7	10/12	10/12				10/24	11/2			

^z ND = No dates reported

D. AGRONOMIC CHARACTERISTICS OF LOCATIONS – 2010

2010	Row	Planted	Harvested	Trial	End	# Rows	# Rows			
Locations	Spacing	Length	Length	Bordered	Trimmed	Planted	Harvested	Prior Crop	Irrigated	SOIL TYPE
Belle Mina,AL	30	20	16	No	Yes	4	2	Cotton	No	Decatur silt loam
Fairhope,AL	38	20	16	Yes	Yes	4	2	Cotton	No	Malbis fine sandy loam
Tallassee,AL(A)	30	16	12	Yes	Yes	4	2	Fallow	No	Cahaba fine sandy loam
Tallassee,AL(B)	30	16	12	Yes	Yes	4	2	Fallow	No	Cahaba fine sandy loam
Stuttgart, AR	30	15	15	Yes	No	4	2	Rice	Yes	Crowley silt loam
Pine Tree,AR	30	20	18.5	No	Yes	4	2	Rice	Yes	Calloway silt loam
Georgetown,DE	15	23	19	Yes	No	5	5	Soybean	Yes	Evesboro loamy sand
Calhoun,GA	30	20	16	Yes	Yes	4	2	Corn	Yes	Rome gravelly clay loam
Tifton,GA	30	20	16	Yes	Yes	4	2	Corn	Yes	Tifton sandy loam
Athens,GA(A)	30	20	12	Yes	Yes	4	2	Grain Sorghum, Sunflower	Yes	Altavista loamy coarse sand, Cecil coarse sandy loam, Appling coarse sandy loam
Athens,GA(B)	30	20	12	Yes	Yes	4	2	Grain sorghum	Yes	Appling coarse sandy loam
Plains,GA	30	20	10	Yes	Yes	4	2	Peanuts, Wheat	Yes	Greenville sandy clay loam
Ullin,IL	30	15	15	Yes	No	4	2	Corn	No	Bonnie silt loam
McCune,KS	30	11	11	Yes	No	4	2	Corn	No	Parsons silt loam
Pittsburg,KS	30	11	11	Yes	No	4	2	Wheat	No	Parsons silt loam
Princeton,KY	16	20	16	Yes	Yes	6	4	Tobacco	No	Crider silt loam
Bossier City,LA	40	28	20	Yes	Yes	4	2	Cotton	Yes	Moreland silty clay loam
Queenstown,MD	24	20	16	Yes	Yes	4	2	Corn	No	Mattapeake silt loam
Portageville,MO(A)	30	12	12	Yes	No	4	2	Soybean	Yes	Dundee silt loam
Portageville,MO(B)	30	12	12	Yes	No	4	2	Soybean	Yes	Sharkey clay
Starkville,MS	18	20	15	Yes	Yes	3	3	Corn	No	Brooksville silty clay
Stoneville,MS	24	18.5	16	Yes	Yes	5	3	No rotation	Yes	Sharkey clay
Kinston,NC(B)	38	18	15	Yes	Yes	3	1	Corn, Corn	No	Stallings loamy sand
Plymouth,NC(B)	38	16	13	Yes	Yes	4	2		Yes	
Kinston,NC(A)	38	18	15	Yes	Yes	3	1	Corn, Corn	No	Stallings loamy sand
Plymouth,NC(A)	38	19	16	Yes	Yes	3	1	Corn, Corn	No	Portsmouth silt loam
Jackson Springs,NC	38									Wagram sand
Stillwater,OK	30	44	42	Yes	Yes	4	2		No	
Blackville,SC(A)	38	20	12	Yes	Yes	4	2	Soybean	Yes	Faceville sandy loam
Blackville,SC(B)	38	20	12	Yes	Yes	4	2	Soybean	Yes	Norfolk sandy loam
Clemson,SC	38	20	12	Yes	Yes	4	2	Soybean	No	Cartecay fine sandy loam
Florence,SC	38	20	12	Yes	Yes	4	2	Corn	No	Goldsboro sandy loam
Jackson,TN	30	20	20	Yes	No	4	2	Corn	No	Vicksburg silt loam/ fine sandy loam
Knoxville,TN	30	20	16	Yes	Yes	4	2	1 year, corn	Yes	Sequatchie silt loam
Springfield,TN	30	25	16	Yes	Yes	4	2	1 year, corn	Yes	Mountview Silt Loam
Orange,VA	30									Starr silty clay loam
Suffolk,VA	15	24	17	Yes	Yes	5	3	Corn	No	Dragston fsl / Eunola lfs
Warsaw,VA	30	18	12	Yes	Yes	4	2	Corn/small grains	No	Kempsville loam

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	
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&grap_hspan=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 3906; PIV-S (L) - 5002T; UV and PV - 5601T; 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 a 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 at Peoria, Illinois for analysis. Two samples of 9-10 g of seed were analyzed for protein and oil composition with a Model

1255 Infratec NIRT food and feed 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 2010 due to unreliable test results.

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). The SCN race 2 and 3 screenings were conducted in the greenhouse at Jackson, Tennessee. SCN race 14 was not screened this year due to instability of the nematode population. One seed of each soybean entry (UVI-S - UVIII and PIV-S - PVIII) was planted in sterile soil mix with 7 replications per each SCN population. At the time of planting, 2,000 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 roots, 2 = 6-10 cysts on the roots, 3 = 11-20 cysts on the roots, 4 = 21-40 cysts on the roots, and 5 = > 40 cysts on the roots. The mean rating reported for each population was calculated as follows: Mean rating = (Rating category x # plants receiving rating)/Total # of plants.

In 2010, the HG Type of the populations was as follows: race 2 was HG Type 1.2.5.7, and race 3 was HG Type 7. For race 2, PI 54658 had an average of 266 cysts. The female index for the cultures were as follows: Pickett FI 81, 548402 FI 48, 88788 FI 66, 90763 and 437654 FI 0, 209332 FI 127, 89772 FI 2, and 548316 FI 75. For race 3 there were an average of 236 cysts on PI 548658. The female index for the cultures were as follows: Pickett FI 5, 548402 and 88788 FI 2, 90763 FI 1, 437654 FI 0, 209332 FI 3, 89772 FI 1, and 548316 FI 16.

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 isolate Li-91 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 rated after the susceptible check had been killed by the disease. Plants having any external lesion were rated as S.

Sudden Death Syndrome (SDS). SDS was evaluated for UIV-S and UV at Carbondale, 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 $(DI \cdot DS) / 9$. DX is reported. The DX for UIV-S susceptible check and resistant check respectively, were 44 and 0. The DX for the UV susceptible checks (two) and resistant check, respectively, were 28, 29 and 9.

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 1 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 ($\alpha = 0.05$) 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 ($\alpha = 0.05$) 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 ($\alpha = 0.05$) 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.

IDENTIFICATION OF PARENT STRAINS - UPDATED IN 2004

This section has not been updated since 2004. Please see prior reports for this information.

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TABLE 1 - PARENTAGE OF STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	5002T	Holladay X Manokin		
2	DK 4866	Commercial check		
3	AG 4403	Commercial check		
4	AG 4907	Commercial check		
5	AG 4903	Commercial check		
6	JTN-4307	S97-1688 x V 94-0198-5-LOAM02	F9	SCN
7	JTN-4408	S97-1753 x V94-0198-9-LOAM02	F10	SCN
8	JTN-4507	S97-1688 x V94-0198-13-LOAM02	F11	SCN
9	JTN-4607	LS94-3207 X S95-1908-3-LOAM02	F11	SCN
10	LG01-5087-5	LN93-11632 x LG96-1713	F7	Diverse
11	Md 05-6207	LG 97-7012 x Loda	F5	
12	NCC05-1168	TN97-167xS99-2281	F4:10	
13	NCC05-1261	TN97-167xS99-2281	F4:10	
14	NCC06-148	S00-9925-10xDT99-17400	F4:9	
15	NCC06-339	S00-9925-10xDT99-17400	F4:9	
16	R04-122	Ozark x R00-214F	F5	
17	R05-3239	Ozark x Anand	F5	
18	R05-4114	R98-1523 x 98601	F5	
19	S07-10311	S00-9925-10 X S03-383RR	F5	
20	S07-15722	LG00-3372 X S03-058RR	F5	
21	S07-3666	S03-4127 X S01-8401	F5	
22	S07-5049	S03-4152 X HC99-2763	F5	
23	S07-5117	HC99-2763 X S02-6143	F5	
24	S07-5151	HC99-2763 X S02-6143	F5	
25	V06-0855	S96-2641 X V97-1549	F4	pro
26	V05-2037	5002T X V99-3337	F4	pro
27	V05-2607	R95-2210 X V94-0436	F4	
28	V05-2664	R95-2210 X V96-0332	F4	

**TABLE 2 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN UNIFORM TEST IV-S FOR YEAR 2010**

STRAIN/ VARIETY	RANK	AVERAGE		YIELD‡			PROTEIN			OIL	
		RANK	2010	09-10	08-10	2010	09-10	08-10	2010	09-10	08-10
5002T	3	8	49.4	51.7	52.8	38.0	38.9	39.1	21.2	20.5	20.7
DK 4866	12	12	46.7	51.7	51.7	39.5	39.8	39.6	21.4	20.9	21.0
AG 4403	19	18	42.1	47.2	47.8	38.4	38.8	38.7	21.7	21.6	21.9
AG 4907	10	11	46.9	.	.	38.9	.	.	20.8	.	.
AG 4903	11	11	46.8	52.4	51.6	39.1	39.7	39.6	21.5	21.3	21.4
JTN-4307	17	17	42.6	46.5	46.4	39.6	40.2	40.6	19.9	19.6	19.8
JTN-4408	14	14	45.0	49.6	.	39.1	39.7	.	20.1	20.0	.
JTN-4507	20	18	42.1	46.9	46.8	39.6	40.1	40.5	20.3	20.1	20.3
JTN-4607	24	20	40.5	44.1	45.1	40.6	40.7	40.5	20.1	19.8	20.1
LG01-5087-5	28	22	38.7	46.9	.	37.6	38.7	.	20.9	20.9	.
Md 05-6207	25	22	39.2	.	.	38.5	.	.	21.6	.	.
NCC05-1168	4	8	49.2	51.6	.	38.2	38.9	.	20.6	20.2	.
NCC05-1261	2	7	50.0	51.7	.	38.7	39.5	.	19.6	19.5	.
NCC06-148	8	10	47.4	.	.	39.0	.	.	20.1	.	.
NCC06-339	1	6	50.9	.	.	38.6	.	.	20.6	.	.
R04-122	9	10	46.9	50.8	51.5	36.7	37.7	37.9	21.4	20.8	20.9
R05-3239	7	9	47.4	.	.	39.6	.	.	20.2	.	.
R05-4114	5	8	48.9	51.3	51.8	39.9	40.7	41.0	19.6	19.5	19.8
S07-10311	6	12	47.6	.	.	39.3	.	.	20.2	.	.
S07-15722	26	22	39.0	.	.	38.9	.	.	21.5	.	.
S07-3666	16	18	43.2	.	.	39.1	.	.	20.3	.	.
S07-5049	27	23	38.9	.	.	40.5	.	.	19.5	.	.
S07-5117	15	16	44.2	.	.	40.4	.	.	20.5	.	.
S07-5151	23	22	40.5	.	.	39.3	.	.	19.6	.	.
V06-0855	21	19	41.7	.	.	39.8	.	.	19.4	.	.
V05-2037	18	18	42.4	.	.	38.7	.	.	20.8	.	.
V05-2607	22	16	40.8	.	.	38.7	.	.	21.0	.	.
V05-2664	13	11	46.5	.	.	38.5	.	.	21.5	.	.
Mean	.	.	44.5	.	.	39.0	.	.	20.6	.	.
LSD(0.05)	.	.	4.1	.	.	1.0	.	.	1.0	.	.
CV(%)	.	.	14.2	.	.	3.0	.	.	5.3	.	.

‡Data not included in mean: 2010 – Pine Tree, AR; Queenstown, MD; Warsaw, VA;
Knoxville, TN; Springfield, TN
2008 – Bossier City, LA; Knoxville, TN; Queenstown, MD;
Springfield, TN

TABLE 3 - GENERAL SUMMARY OF BOTANICAL TRAITS FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2010

STRAIN/ VARIETY	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SEED SIZE	FL. COLOR	PUB. COLOR	POD COLOR
5002T	0	1.7	26	2.2	14.6	W	T	T
DK 4866	-2	1.7	33	2.2	14.6	P	G	Br
AG 4403	-8	1.7	33	2.2	12.8	P	G	T
AG 4907	-2	1.7	35	2.1	13.3	P	G	Br
AG 4903	0	1.7	33	2.0	14.8	P	G	T
JTN-4307	1	1.7	29	2.0	12.5	P	T	T
JTN-4408	1	1.7	29	2.0	13.6	W	T	T
JTN-4507	4	1.7	29	1.9	12.2	W	T	T
JTN-4607	-5	1.7	27	2.0	13.9	W	T	T
LG01-5087-5	-4	1.7	38	2.4	13.1	P	G	Br
Md 05-6207	-11	1.7	31	2.4	13.1	W	G	T
NCC05-1168	0	1.7	27	2.0	12.7	W	G	T
NCC05-1261	-2	1.7	26	2.0	12.3	W	G	T
NCC06-148	2	1.7	26	2.1	14.3	W	T	T
NCC06-339	0	1.7	25	2.1	13.1	P	T	T
R04-122	3	1.7	27	2.1	14.0	P	G	T
R05-3239	1	1.7	26	2.0	13.8	P	T	T
R05-4114	4	1.7	29	2.1	12.7	P	G	T
S07-10311	2	1.7	32	2.3	14.6	W	T	T
S07-15722	-3	1.7	39	2.3	14.2	W	T	Br
S07-3666	-8	1.7	32	2.2	13.7	P	T	T
S07-5049	-10	1.7	32	2.3	14.0	P	Lt T	T
S07-5117	-4	1.7	33	2.3	16.3	W	Lt T	T
S07-5151	-7	1.7	35	2.5	15.1	P	Lt T	T
V06-0855	1	1.6	26	2.0	12.3	P	T	T
V05-2037	-1	1.6	23	2.1	13.9	W	T	T
V05-2607	4	1.6	22	2.1	14.1	W	G	T
V05-2664	2	1.6	29	2.0	13.7	W	G	T
Mean	-2	1.7	30	2.1	13.7			
LSD(0.05)	2	0.1	3	0.3	0.7			
CV(%)	249	14.0	15	21.0	7.1			

TABLE 4 - GENERAL SUMMARY OF PEST REACTION FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2010

STRAIN/ VARIETY	SCN HG TYPE	SCN HG TYPE	SCN HG TYPE	PRK GA	SRK GA	SMV G1 REACTION	SC RATING	SC SCORE	SDS DX
	1.2.5.7 Race 2	7 Race 3	1.3.5.6.7 Race 14						
5002T	5	5	.	1.3	4.5		R	1	4
DK 4866	5	4	.	3.8	3.0		S	5	12
AG 4403	5	5	.	2.8	3.5		S	5	8
AG 4907	5	2	.	3.5	5.0		R	1	3
AG 4903	5	5	.	4.3	5.0		S	5	18
JTN-4307	1	1	.	3.0	1.3		R	1	4
JTN-4408	2	1	.	3.8	1.5		SS	3	19
JTN-4507	5	1	.	2.5	4.8		R	1	22
JTN-4607	1	1	.	2.8	2.0		SS	3	22
LG01-5087-5	5	5	.	4.0	5.0		R	1	7
Md 05-6207	5	1*	.	4.5	5.0		R	1	.
NCC05-1168	5	1	.	1.8	2.8		R	1	16
NCC05-1261	5	1**	.	2.8	4.8		R	1	1
NCC06-148	5	5	.	4.0	5.0		R	1	34
NCC06-339	5	4	.	3.5	4.3		MS	4	12
R04-122	5	5	.	2.0	3.8		R	1	5
R05-3239	5	5	.	4.8	5.0		R	1	3
R05-4114	5	1	.	3.8	5.0		R	1	4
S07-10311	5	1	.	3.5	3.3		R	1	18
S07-15722	5	4	.	4.0	5.0		R	1	.
S07-3666	5	4	.	3.0	4.3		R	1	.
S07-5049	5	4	.	3.0	3.8		R	1	.
S07-5117	5	2*	.	4.3	4.8		R	1	9
S07-5151	5	3	.	4.0	4.8		R	1	.
V06-0855	5	5	.	3.3	5.0		MS	4	44
V05-2037	5	4	.	4.0	2.0		R	1	6
V05-2607	5	4	.	4.0	4.8		R	1	3
V05-2664	5	1	.	4.3	5.0		R	1	25

* Less than 3 seed germinated so rating should be used with caution.

**Corrected score after publication of the hard copy of this report.

NOTES: Per Anne Gillen on 6/23/2011 – Correction to entry 6, JTN-4307, Race 2. The correct rating is 1, not 5.

Per Anne Gillen on 5/21/12 – Correction to entry 13, NCC05-1261, Race 3. The correct rating is 1, not 6.

TABLE 5 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2010

Delta

STRAIN/ VARIETY	Pine Tree, ‡ AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
5002T	48.9	60.4	61.9	84.5	42.8	62.4
DK 4866	53.8	54.3	64.2	85.8	36.8	60.3
AG 4403	45.4	56.9	59.2	78.7	27.8	55.7
AG 4907	48.9	53.5	63.4	82.2	44.1	60.7
AG 4903	61.2	54.6	59.0	75.7	40.9	57.5
JTN-4307	46.6	56.2	49.4	52.4	38.2	49.0
JTN-4408	36.7	63.3	54.0	68.4	31.3	54.3
JTN-4507	57.8	50.3	44.1	65.2	40.2	50.0
JTN-4607	24.0	43.4	52.6	71.8	27.1	48.7
LG01-5087-5	44.5	46.3	50.6	56.0	41.0	48.5
Md 05-6207	43.7	42.9	55.1	69.4	27.4	48.7
NCC05-1168	51.6	63.8	61.0	71.8	40.9	59.4
NCC05-1261	45.8	62.7	62.5	83.6	39.0	62.0
NCC06-148	39.8	56.7	57.9	78.6	37.6	57.7
NCC06-339	52.7	62.3	62.8	75.8	45.8	61.7
R04-122	40.7	59.7	60.6	67.5	43.9	57.9
R05-3239	39.6	54.5	60.1	64.1	44.0	55.7
R05-4114	67.3	60.3	62.6	72.8	34.3	57.5
S07-10311	58.8	57.2	59.1	89.3	41.6	61.8
S07-15722	41.0	46.8	52.6	76.4	23.4	49.8
S07-3666	46.4	56.3	63.8	73.7	31.1	56.2
S07-5049	42.9	53.7	57.2	62.3	33.6	51.7
S07-5117	47.3	57.9	63.7	75.7	37.9	58.8
S07-5151	39.3	51.3	56.5	72.4	35.0	53.8
V06-0855	51.6	49.3	51.5	59.0	38.6	49.6
V05-2037	30.1	49.3	52.0	62.2	39.0	50.6
V05-2607	41.5	54.2	44.7	61.7	16.7	44.6
V05-2664	58.0	58.5	56.5	66.2	43.0	56.0
Mean	46.6	54.9	57.1	71.5	36.5	55.0
LSD(0.05)	12.4	7.0	5.0	14.4	5.0	8.0
CV(%)	16.3	7.8	5.4	12.3	8.2	13.1

‡Data not included in mean.

TABLE 5 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2010

East

STRAIN/ VARIETY	Plymouth, NC(B)	Queenstown,‡ MD	Warsaw,‡ VA	Area Mean
5002T	59.7	23.0	28.5	59.7
DK 4866	56.9	31.8	19.4	56.9
AG 4403	53.3	33.4	28.5	53.3
AG 4907	55.7	32.8	23.9	55.7
AG 4903	58.3	28.1	23.7	58.3
JTN-4307	53.9	24.8	21.5	53.9
JTN-4408	52.4	37.1	21.6	52.4
JTN-4507	51.3	25.7	21.1	51.3
JTN-4607	53.1	42.7	18.2	53.1
LG01-5087-5	41.0	29.9	17.6	41.0
Md 05-6207	57.6	33.2	15.7	57.6
NCC05-1168	55.4	39.8	18.2	55.4
NCC05-1261	54.7	38.4	20.8	54.7
NCC06-148	59.0	28.0	20.7	59.0
NCC06-339	60.1	35.6	18.2	60.1
R04-122	58.9	28.6	19.7	58.9
R05-3239	62.5	20.8	21.2	62.5
R05-4114	62.0	30.8	19.5	62.0
S07-10311	55.1	42.1	20.5	55.1
S07-15722	47.1	24.6	22.6	47.1
S07-3666	52.2	30.2	18.7	52.2
S07-5049	44.7	27.4	18.7	44.7
S07-5117	60.7	29.0	19.6	60.7
S07-5151	51.9	31.2	18.3	51.9
V06-0855	52.2	27.5	24.6	52.2
V05-2037	57.6	18.5	26.8	57.6
V05-2607	58.6	19.2	27.0	58.6
V05-2664	56.0	29.3	28.2	56.0
Mean	55.1	30.1	21.5	55.1
LSD(0.05)	7.8	12.0	7.4	.
CV(%)	8.6	24.3	20.5	.

‡Data not included in mean.

TABLE 5 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2010

South

STRAIN/ VARIETY	Jackson, TN	Knoxville, ‡ TN	Princeton, KY	Springfield, ‡ TN	Starkville, MS	Ullin, IL	Area Mean
5002T	54.2	30.3	38.1	13.3	35.9	54.3	45.6
DK 4866	46.8	27.1	32.1	12.6	27.3	47.8	38.5
AG 4403	47.3	22.8	24.0	9.1	23.5	40.5	33.8
AG 4907	54.6	25.1	32.8	14.9	26.9	48.4	40.7
AG 4903	50.0	28.4	33.6	12.5	28.3	49.5	40.3
JTN-4307	57.2	29.7	30.3	14.7	27.1	44.3	39.8
JTN-4408	58.4	40.2	31.1	14.7	36.7	44.6	42.7
JTN-4507	43.2	34.4	30.4	15.9	25.4	45.0	36.0
JTN-4607	60.1	27.7	26.1	13.0	27.1	46.3	39.9
LG01-5087-5	46.6	28.4	24.6	9.6	29.2	40.0	35.1
Md 05-6207	45.6	27.5	28.0	11.5	17.7	40.0	32.8
NCC05-1168	64.4	33.8	33.9	17.4	37.0	54.0	47.3
NCC05-1261	59.3	31.2	31.0	18.7	39.1	50.6	45.0
NCC06-148	51.2	35.6	38.1	17.7	36.4	50.1	43.9
NCC06-339	57.2	45.1	35.5	15.5	41.1	57.0	47.7
R04-122	44.0	41.1	32.4	15.4	33.9	48.4	39.7
R05-3239	54.7	37.2	36.2	14.3	31.4	49.4	42.9
R05-4114	57.8	34.4	32.9	19.0	30.8	57.0	44.6
S07-10311	53.8	40.6	31.3	16.2	28.8	44.5	39.6
S07-15722	45.8	24.4	19.7	10.8	20.2	40.0	31.4
S07-3666	42.7	25.9	30.7	13.1	17.6	40.6	32.9
S07-5049	50.2	31.3	19.7	10.4	16.3	39.7	31.4
S07-5117	55.3	26.0	28.7	19.2	23.2	36.7	36.0
S07-5151	46.4	36.2	22.3	11.6	22.7	43.5	33.7
V06-0855	43.9	31.5	30.6	14.1	21.5	45.9	35.5
V05-2037	49.3	30.0	30.3	11.7	19.9	46.1	36.4
V05-2607	52.8	1.6	37.2	14.1	26.5	55.3	42.9
V05-2664	51.9	36.0	34.8	13.8	26.4	51.1	41.1
Mean	51.6	30.8	30.6	14.1	27.8	46.8	39.2
LSD(0.05)	9.3	10.9	6.6	5.4	5.9	7.3	5.4
CV(%)	11.0	21.6	13.2	23.4	13.0	9.6	13.5

‡Data not included in mean.

TABLE 5 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST IV-S FOR YEAR 2010

West

STRAIN/ VARIETY	McCune, KS	Pittsburg, KS	Stillwater, OK	Area Mean
5002T	39.7	45.5	15.2	33.5
DK 4866	35.6	49.8	22.9	36.1
AG 4403	33.3	42.6	17.7	31.2
AG 4907	36.1	46.9	18.5	33.8
AG 4903	39.3	45.9	27.1	37.4
JTN-4307	35.8	45.2	21.2	34.1
JTN-4408	33.0	48.4	18.3	33.2
JTN-4507	36.4	45.8	27.3	36.5
JTN-4607	23.0	40.1	14.9	26.0
LG01-5087-5	30.0	41.8	16.9	29.6
Md 05-6207	30.2	36.9	20.0	29.0
NCC05-1168	38.4	46.7	23.9	36.4
NCC05-1261	36.7	50.1	30.6	39.1
NCC06-148	40.2	46.5	16.1	34.3
NCC06-339	35.4	45.4	32.5	37.8
R04-122	38.6	47.3	27.4	37.8
R05-3239	37.8	46.0	27.7	37.2
R05-4114	40.6	44.9	30.8	38.8
S07-10311	35.2	43.6	31.6	36.8
S07-15722	33.7	40.2	21.8	31.9
S07-3666	27.8	44.5	37.1	36.5
S07-5049	32.8	37.1	19.4	29.8
S07-5117	30.9	43.6	16.7	30.4
S07-5151	32.7	36.9	14.4	28.0
V06-0855	37.9	43.9	26.0	35.9
V05-2037	38.2	43.3	21.2	34.2
V05-2607	31.7	16.8	31.3	26.6
V05-2664	39.7	45.7	28.3	37.9
Mean	35.0	43.3	23.4	33.9
LSD(0.05)	5.1	5.2	4.4	8.4
CV(%)	8.9	7.3	11.4	16.9

TABLE 6 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Princeton, KY	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	25.1	19.4	20.4	20.2	21.4	21.0	18.9	21.9	23.0	20.7	21.2
DK 4866	19.2	19.4	21.3	25.0	22.1	21.2	20.2	21.1	23.1	21.0	21.4
AG 4403	20.7	20.0	21.8	21.3	22.4	21.1	21.4	23.0	23.3	21.9	21.7
AG 4907	20.0	19.8	21.0	20.2	20.8	20.7	21.0	20.9	22.2	21.1	20.8
AG 4903	19.9	20.8	20.5	25.1	22.0	21.3	20.3	20.2	23.9	21.3	21.5
JTN-4307	19.0	19.1	20.0	18.8	20.8	19.9	19.8	19.6	21.7	20.5	19.9
JTN-4408	18.7	19.4	19.6	21.0	21.2	19.3	19.4	19.8	21.6	20.7	20.1
JTN-4507	19.0	19.9	20.0	19.2	21.5	20.3	19.5	20.2	21.5	21.6	20.3
JTN-4607	19.6	19.1	19.4	20.1	20.9	19.3	19.3	20.7	22.1	20.1	20.1
LG01-5087-5	20.1	19.8	21.5	21.0	21.5	20.7	20.0	20.8	23.8	20.3	20.9
Md 05-6207	20.9	25.0	21.8	21.1	22.8	19.5	19.5	22.2	22.5	20.7	21.6
NCC05-1168	19.2	19.5	20.1	20.0	20.4	20.0	19.3	20.7	22.3	25.0	20.6
NCC05-1261	19.1	18.9	19.2	19.6	20.2	19.0	18.8	19.9	21.4	20.2	19.6
NCC06-148	19.2	19.6	20.0	20.2	20.7	19.3	18.9	21.1	22.3	20.1	20.1
NCC06-339	19.7	20.1	20.9	20.0	20.9	20.4	20.4	21.0	22.3	20.7	20.6
R04-122	19.5	20.5	21.3	21.1	21.8	25.0	19.8	22.0	22.8	20.4	21.4
R05-3239	19.4	19.4	21.2	20.0	20.8	20.2	18.6	20.2	21.5	20.4	20.2
R05-4114	18.7	19.1	19.8	19.0	20.5	20.0	18.4	19.0	21.9	19.2	19.6
S07-10311	18.9	19.3	19.7	19.8	20.8	19.7	20.6	19.9	22.0	20.9	20.2
S07-15722	19.3	19.1	20.7	25.0	21.2	21.0	20.0	21.2	22.3	25.1	21.5
S07-3666	19.7	18.6	21.9	20.7	20.8	18.3	20.2	20.9	20.9	21.2	20.3
S07-5049	17.3	18.1	20.7	20.4	19.2	18.4	17.7	25.0	18.5	19.5	19.5
S07-5117	19.4	18.9	20.2	19.7	21.4	20.9	18.6	20.0	20.7	25.1	20.5
S07-5151	19.0	19.1	20.3	19.2	21.1	18.4	19.1	20.1	19.3	20.1	19.6
V06-0855	18.4	19.3	19.1	19.8	20.5	19.5	17.9	18.9	21.1	20.1	19.4
V05-2037	20.0	19.5	21.0	20.8	21.9	20.9	19.8	21.2	22.7	20.5	20.8
V05-2607	20.3	21.5	20.3	20.5	22.2	20.8	19.6	20.6	22.9	21.2	21.0
V05-2664	19.5	21.1	20.3	20.9	22.1	20.8	25.1	21.3	22.3	21.4	21.5
Mean	19.6	19.8	20.5	20.7	21.2	20.2	19.7	20.8	22.0	21.1	.

TABLE 7 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Princeton, KY	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
5002T	38.2	40.1	39.1	38.0	36.8	37.9	42.8	37.7	33.4	35.5	38.0
DK 4866	40.0	45.0	42.3	40.0	37.1	40.2	41.5	37.9	34.2	37.0	39.5
AG 4403	38.8	45.1	39.2	37.6	36.9	41.6	39.8	35.7	32.3	36.5	38.4
AG 4907	39.2	41.0	39.2	38.7	38.9	40.4	40.4	38.3	35.6	37.7	38.9
AG 4903	40.3	40.1	41.1	40.6	38.8	39.5	41.8	38.7	33.1	37.0	39.1
JTN-4307	39.5	41.6	41.4	39.4	39.7	40.2	42.4	39.2	36.1	36.3	39.6
JTN-4408	38.9	40.3	39.7	39.3	38.8	40.2	41.7	39.0	35.4	37.7	39.1
JTN-4507	40.1	40.9	41.5	39.0	38.4	41.0	42.9	39.6	36.2	35.9	39.6
JTN-4607	39.7	41.4	41.2	45.1	37.9	45.1	41.9	40.4	35.3	37.9	40.6
LG01-5087-5	38.3	39.0	39.9	39.0	36.1	39.4	41.3	37.0	31.3	35.1	37.6
Md 05-6207	38.3	40.7	40.6	37.7	36.3	41.8	41.0	36.3	34.6	37.4	38.5
NCC05-1168	39.9	40.4	38.1	37.2	38.1	38.6	40.7	38.2	35.1	35.7	38.2
NCC05-1261	39.3	41.1	39.6	37.1	37.5	40.5	41.2	38.5	35.7	36.6	38.7
NCC06-148	39.0	40.0	40.3	38.3	37.5	40.0	41.8	38.1	37.5	37.1	39.0
NCC06-339	38.5	39.6	41.1	38.8	37.8	38.8	41.5	37.6	35.3	36.8	38.6
R04-122	37.7	37.9	38.6	36.4	35.4	37.8	39.2	35.5	34.2	34.1	36.7
R05-3239	39.3	41.3	39.9	37.5	37.4	45.1	42.9	39.1	36.9	36.5	39.6
R05-4114	39.8	41.8	41.7	38.9	38.8	39.7	44.9	39.4	36.1	37.6	39.9
S07-10311	39.3	45.0	40.9	39.7	37.5	40.1	41.6	38.7	35.2	35.1	39.3
S07-15722	39.9	41.1	42.4	37.4	38.4	40.4	41.3	37.7	34.6	35.5	38.9
S07-3666	40.3	41.6	38.7	40.4	37.5	41.6	40.7	37.2	37.2	35.7	39.1
S07-5049	42.2	42.7	40.8	41.1	38.7	41.2	43.7	37.8	39.3	37.6	40.5
S07-5117	40.9	43.1	41.4	40.5	40.1	42.4	42.6	39.5	36.7	36.9	40.4
S07-5151	39.8	41.9	40.5	40.3	36.9	40.3	40.4	38.9	37.1	36.6	39.3
V06-0855	40.2	40.7	41.9	40.7	38.0	39.6	42.6	40.3	37.7	36.8	39.8
V05-2037	38.5	40.2	39.6	37.7	36.0	39.0	45.1	38.3	36.7	35.7	38.7
V05-2607	39.5	39.4	39.6	38.9	37.1	40.8	41.9	38.6	35.7	35.5	38.7
V05-2664	39.0	41.0	39.8	39.5	36.6	39.4	41.2	37.1	35.5	35.9	38.5
Mean	39.4	41.2	40.4	39.1	37.7	40.5	41.8	38.2	35.5	36.4	.

TABLE 8 - SIZE (GRAMS PER 100 SEED) FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Portageville, MO(B)	Princeton, KY	Queenstown, MD	Springfield, TN	Starkville, MS	Stillwater, OK	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
5002T	15.1	13.3	17.9	15.8	17.1	15.1	12.4	14.6	13.8	11.4	.	.	17.7	15.0	.	13.0	12.8	14.6
DK 4866	12.5	13.1	18.4	15.4	18.9	14.4	11.5	12.7	13.9	13.6	.	.	21.2	14.1	.	12.6	12.5	14.6
AG 4403	11.2	11.7	15.7	15.4	14.6	13.3	10.3	12.1	11.7	12.0	.	.	16.4	13.5	.	10.0	11	12.8
AG 4907	11.5	13.0	15.6	15.3	16.8	13.1	11.1	12.1	12.0	12.1	.	.	17.0	12.8	.	11.6	12.9	13.3
AG 4903	13.6	13.9	19.7	15.1	18.6	14.9	11.9	13.3	14.4	13.2	.	.	18.9	12.3	.	13.4	13.7	14.8
JTN-4307	12.9	12.4	14.7	12.5	14.8	12.6	11.9	11.3	11.3	10.9	.	.	13.0	10.9	.	13.1	13.1	12.5
JTN-4408	13.6	13.4	16.9	14.3	16.1	13.0	12.3	12.6	12.7	13.1	.	.	13.8	12.2	.	12.8	13.6	13.6
JTN-4507	11.4	12.6	14.5	13.2	15.1	11.7	11.2	11.1	10.4	11.2	.	.	12.9	10.7	.	11.7	12.5	12.2
JTN-4607	12.6	12.4	17.1	15.2	17.0	12.5	11.9	12.9	12.6	12.8	.	.	17.4	13.3	.	13.1	13.2	13.9
LG01-5087-5	13.0	12.1	15.1	14.5	17.2	13.4	10.9	12.4	11.8	12.4	.	.	14.5	11.3	.	12.0	12.7	13.1
Md 05-6207	11.4	12.2	16.8	14.6	17.4	14.0	10.7	11.8	11.8	12.0	.	.	14.1	12.6	.	10.7	13.6	13.1
NCC05-1168	12.4	11.6	14.7	14.8	15.0	12.2	10.9	12.4	11.5	12.3	.	.	13.3	12.2	.	11.9	13	12.7
NCC05-1261	11.7	12.0	15.8	13.3	15.0	11.8	10.4	11.3	11.7	11.0	.	.	13.0	12.4	.	11.3	12	12.3
NCC06-148	14.4	14.1	16.7	16.5	15.5	15.3	13.3	14.1	12.6	13.5	.	.	15.0	14.0	.	13.7	12.2	14.3
NCC06-339	12.1	13.5	14.3	15.0	17.5	12.7	11.3	11.9	12.0	11.7	.	.	14.1	12.9	.	12.0	12.3	13.1
R04-122	13.3	14.5	16.4	15.2	15.8	14.2	12.4	13.2	12.8	12.7	.	.	15.5	13.4	.	14.4	12.2	14.0
R05-3239	13.4	14.2	16.3	14.3	17.3	14.5	11.8	13.0	13.3	11.0	.	.	15.8	12.9	.	13.0	12.4	13.8
R05-4114	11.5	12.6	13.7	12.9	16.2	13.0	11.4	11.1	11.3	10.7	.	.	16.5	11.0	.	13.3	12.8	12.7
S07-10311	15.0	14.9	16.7	15.6	14.7	14.4	12.6	12.6	13.6	14.9	.	.	17.9	13.2	.	14.3	14	14.6
S07-15722	11.9	13.4	14.9	15.8	18.8	14.5	12.5	13.1	12.6	12.8	.	.	17.1	14.2	.	12.5	14.3	14.2
S07-3666	11.4	12.0	15.5	16.1	18.5	14.6	12.7	12.8	11.5	13.2	.	.	15.9	13.8	.	11.2	12.4	13.7
S07-5049	12.3	12.6	14.6	17.4	16.3	14.6	11.0	13.1	13.4	12.9	.	.	19.6	14.6	.	11.6	12.7	14.0
S07-5117	15.4	15.9	19.7	18.6	21.2	16.7	14.0	15.2	15.3	13.8	.	.	19.9	15.8	.	13.9	13.1	16.3
S07-5151	12.9	14.4	15.7	17.4	18.9	15.6	13.1	15.0	15.4	12.6	.	.	18.9	16.3	.	12.7	13.1	15.1
V06-0855	13.0	11.6	14.7	13.3	14.8	12.0	10.7	11.8	11.5	10.7	.	.	13.4	10.7	.	12.1	11.8	12.3
V05-2037	13.8	13.8	16.5	14.6	15.7	13.5	11.8	12.6	12.9	12.8	.	.	17.4	13.4	.	13.9	12.3	13.9
V05-2607	14.1	15.2	15.4	14.5	15.7	14.4	12.7	12.8	13.4	11.3	.	.	18.1	13.1	.	14.6	12.6	14.1
V05-2664	12.1	14.1	16.9	13.3	17.4	13.2	12.3	11.9	12.9	12.4	.	.	17.2	11.4	.	14.6	12.3	13.7
Mean	12.8	13.2	16.1	15.0	16.7	13.8	11.8	12.7	12.6	12.3	.	.	16.3	13.0	.	12.7	12.7	.

TABLE 9 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

Delta

STRAIN/ VARIETY	Pine Tree, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
5002T	10/2	9/28	10/7	9/10	9/21	9/26
DK 4866	-1	-2	-1	-2	-1	-1
AG 4403	-7	-10	-8	-15	-12	-10
AG 4907	-3	1	-2	-2	-1	-1
AG 4903	3	-2	2	-3	1	0
JTN-4307	1	6	3	1	1	2
JTN-4408	-1	4	1	1	1	1
JTN-4507	3	9	4	2	7	5
JTN-4607	-13	-5	-6	-11	-8	-9
LG01-5087-5	-6	-4	-2	-1	-1	-3
Md 05-6207	-9	-10	-10	-20	-13	-12
NCC05-1168	1	1	0	1	-1	0
NCC05-1261	0	-2	-3	-2	-1	-2
NCC06-148	1	4	0	-1	3	1
NCC06-339	0	3	-2	-2	1	0
R04-122	0	2	2	2	2	2
R05-3239	0	4	-1	-2	3	1
R05-4114	3	7	4	6	1	4
S07-10311	4	5	2	-1	-1	2
S07-15722	-3	-2	-2	-1	-1	-2
S07-3666	-7	-7	-7	-12	-13	-9
S07-5049	-9	-10	-10	-22	-13	-13
S07-5117	-4	-4	-3	-14	-6	-6
S07-5151	-7	-9	-10	-16	-12	-11
V06-0855	0	3	3	0	-1	1
V05-2037	-3	-2	-2	-2	1	-2
V05-2607	0	8	5	4	6	5
V05-2664	2	3	5	0	4	3
Mean	-2	0	-1	-4	-2	-2

TABLE 9 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

East

STRAIN/ VARIETY	Plymouth, NC(B)	Queenstown, MD	Warsaw, VA	Area Mean
5002T	9/27	10/7	10/2	10/2
DK 4866	-1	3	-2	0
AG 4403	-6	-1	4	-1
AG 4907	-1	1	-9	-3
AG 4903	1	2	-6	-1
JTN-4307	2	3	-4	0
JTN-4408	2	5	-6	0
JTN-4507	4	4	-5	1
JTN-4607	-2	2	6	2
LG01-5087-5	-3	2	-7	-3
Md 05-6207	-8	-1	-9	-6
NCC05-1168	-3	3	1	0
NCC05-1261	-4	1	-2	-1
NCC06-148	2	9	-1	4
NCC06-339	2	6	-8	0
R04-122	10	9	0	6
R05-3239	4	2	-3	1
R05-4114	8	6	-3	4
S07-10311	1	5	-3	1
S07-15722	-4	2	-3	-2
S07-3666	-4	0	-4	-3
S07-5049	-7	-1	-3	-4
S07-5117	-1	-1	-3	-2
S07-5151	-4	-1	-10	-5
V06-0855	6	6	-3	3
V05-2037	0	3	-5	-1
V05-2607	9	4	-6	2
V05-2664	3	3	-8	-1
Mean	0	3	-4	0

TABLE 9 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

South

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Springfield, TN	Ullin, IL	Area Mean
5002T	9/28	10/3	10/1	10/1	10/1
DK 4866	-5	-4	-6	-3	-4
AG 4403	-8	-13	-10	-11	-10
AG 4907	-2	-5	-2	-5	-3
AG 4903	-2	0	2	1	0
JTN-4307	1	-2	0	3	1
JTN-4408	-1	-1	1	2	0
JTN-4507	1	4	6	6	4
JTN-4607	-6	-9	-9	-2	-7
LG01-5087-5	-3	-8	-11	-2	-6
Md 05-6207	-9	-16	-10	-14	-12
NCC05-1168	-2	-3	-2	-2	-2
NCC05-1261	-4	-3	-2	-3	-3
NCC06-148	-2	1	3	5	2
NCC06-339	-4	0	0	5	0
R04-122	-2	4	6	2	3
R05-3239	-2	2	4	3	2
R05-4114	0	3	5	7	4
S07-10311	1	3	5	2	3
S07-15722	-6	-4	-7	-4	-5
S07-3666	-8	-14	-10	-9	-10
S07-5049	-9	-15	-11	-12	-12
S07-5117	-2	-4	-1	-4	-3
S07-5151	-8	0	3	-9	-4
V06-0855	-1	-3	-2	4	-1
V05-2037	-1	-3	-2	3	0
V05-2607	1	6	8	3	4
V05-2664	-2	5	7	5	4
Mean	-3	-3	-1	-1	-2

TABLE 10 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

Delta

STRAIN/ VARIETY	Pine Tree, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
5002T	12	30	26	20	22	22
DK 4866	25	45	37	32	35	35
AG 4403	27	44	40	34	34	36
AG 4907	26	45	38	38	34	36
AG 4903	25	45	37	30	33	34
JTN-4307	15	34	28	20	26	25
JTN-4408	14	36	29	24	26	26
JTN-4507	16	35	31	26	25	27
JTN-4607	14	28	24	18	26	22
LG01-5087-5	29	53	41	44	40	42
Md 05-6207	24	42	36	30	34	33
NCC05-1168	16	30	26	20	23	23
NCC05-1261	15	30	26	22	21	23
NCC06-148	13	28	26	24	23	23
NCC06-339	13	29	23	24	21	22
R04-122	15	31	26	24	26	24
R05-3239	14	30	23	18	27	23
R05-4114	16	36	31	20	27	26
S07-10311	25	42	33	34	32	33
S07-15722	33	52	43	40	43	42
S07-3666	26	41	36	28	33	33
S07-5049	25	43	32	28	35	32
S07-5117	25	43	37	30	33	34
S07-5151	28	45	40	34	36	37
V06-0855	13	33	25	18	24	23
V05-2037	8	29	25	18	19	20
V05-2607	14	28	22	20	17	20
V05-2664	16	32	27	22	26	25
Mean	19	37	31	26	29	.

TABLE 10 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

East

STRAIN/ VARIETY	Plymouth, NC(B)	Queenstown, MD	Warsaw, VA	Area Mean
5002T	31	28	22	27
DK 4866	45	39	17	34
AG 4403	45	35	19	33
AG 4907	46	34	20	33
AG 4903	46	34	21	34
JTN-4307	36	36	22	31
JTN-4408	37	40	20	32
JTN-4507	39	36	20	32
JTN-4607	37	35	11	28
LG01-5087-5	51	43	19	38
Md 05-6207	41	32	20	31
NCC05-1168	32	29	18	27
NCC05-1261	30	27	18	25
NCC06-148	33	31	18	27
NCC06-339	33	29	18	27
R04-122	34	30	19	28
R05-3239	34	28	18	27
R05-4114	37	31	20	30
S07-10311	41	36	18	32
S07-15722	49	39	18	35
S07-3666	43	34	18	32
S07-5049	42	34	17	31
S07-5117	39	33	22	31
S07-5151	45	33	22	33
V06-0855	34	28	20	27
V05-2037	30	23	20	24
V05-2607	29	24	24	26
V05-2664	35	32	22	30
Mean	38	33	19	.

TABLE 10 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

South

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Princeton, KY	Springfield, TN	Starkville, MS	Ullin, IL	Area Mean
5002T	26	24	36	20	.	33	28
DK 4866	46	28	36	19	.	44	35
AG 4403	46	30	39	20	.	41	35
AG 4907	46	33	40	23	.	45	38
AG 4903	47	30	38	20	.	41	35
JTN-4307	36	29	40	22	.	41	34
JTN-4408	33	30	39	22	.	39	33
JTN-4507	38	27	41	22	.	39	34
JTN-4607	28	29	39	24	.	33	31
LG01-5087-5	50	34	46	22	.	50	41
Md 05-6207	40	28	35	20	.	39	32
NCC05-1168	30	27	38	24	.	39	32
NCC05-1261	28	26	40	23	.	36	31
NCC06-148	27	24	38	21	.	33	29
NCC06-339	27	23	34	23	.	30	27
R04-122	29	25	37	23	.	36	30
R05-3239	29	23	36	20	.	39	30
R05-4114	36	26	41	20	.	39	32
S07-10311	43	27	36	19	.	37	33
S07-15722	52	32	50	22	.	57	43
S07-3666	40	29	39	23	.	39	34
S07-5049	43	30	39	22	.	39	35
S07-5117	44	33	41	22	.	40	36
S07-5151	43	33	42	24	.	45	37
V06-0855	33	25	34	21	.	37	30
V05-2037	25	24	34	16	.	32	26
V05-2607	25	14	32	16	.	34	24
V05-2664	29	28	37	23	.	37	31
Mean	36	28	39	21	.	39	.

TABLE 10 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

West

STRAIN/ VARIETY	McCune, KS	Pittsburg, KS	Stillwater, OK	Area Mean
5002T	26	31	25	27
DK 4866	23	27	22	24
AG 4403	24	27	26	26
AG 4907	28	35	31	31
AG 4903	25	29	28	27
JTN-4307	26	31	20	26
JTN-4408	28	30	17	25
JTN-4507	22	30	19	24
JTN-4607	24	34	19	26
LG01-5087-5	26	34	16	26
Md 05-6207	20	26	35	27
NCC05-1168	28	34	15	26
NCC05-1261	26	31	18	25
NCC06-148	25	28	22	25
NCC06-339	21	26	20	22
R04-122	25	32	20	26
R05-3239	21	29	22	24
R05-4114	27	31	20	27
S07-10311	25	25	34	28
S07-15722	33	36	28	32
S07-3666	22	26	45	30
S07-5049	27	30	32	29
S07-5117	24	30	33	29
S07-5151	28	31	29	29
V06-0855	25	27	17	23
V05-2037	26	27	19	24
V05-2607	17	15	17	16
V05-2664	27	30	35	31
Mean	25	29	24	.

TABLE 11 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

Delta

STRAIN/ VARIETY	Pine Tree, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
5002T	1.0	1.0	5.0	1.0	1.0	1.8
DK 4866	1.0	1.0	5.0	1.0	1.0	1.8
AG 4403	1.0	1.0	5.0	1.0	1.0	1.8
AG 4907	1.0	1.0	5.0	1.0	1.0	1.8
AG 4903	1.0	1.0	5.0	1.0	1.0	1.8
JTN-4307	1.0	1.0	5.0	1.0	1.0	1.8
JTN-4408	1.0	1.0	5.0	1.0	1.0	1.8
JTN-4507	1.0	1.0	5.0	1.0	1.0	1.8
JTN-4607	1.0	1.0	5.0	1.0	1.0	1.8
LG01-5087-5	1.0	1.0	5.0	1.0	1.0	1.8
Md 05-6207	1.0	1.0	5.0	1.0	1.0	1.8
NCC05-1168	1.0	1.0	5.0	1.0	1.0	1.8
NCC05-1261	1.0	1.0	5.0	1.0	1.0	1.8
NCC06-148	1.0	1.0	5.0	1.0	1.0	1.8
NCC06-339	1.0	1.0	5.0	1.0	1.0	1.8
R04-122	1.0	1.0	5.0	1.0	1.0	1.8
R05-3239	1.0	1.0	5.0	1.0	1.0	1.8
R05-4114	1.0	1.0	5.0	1.0	1.0	1.8
S07-10311	1.0	1.0	5.0	1.0	1.0	1.8
S07-15722	2.3	1.0	5.0	1.0	1.0	2.1
S07-3666	1.3	1.0	5.0	1.0	1.0	1.9
S07-5049	1.0	1.0	5.0	1.0	1.0	1.8
S07-5117	1.0	1.0	5.0	1.0	1.0	1.8
S07-5151	1.3	1.0	5.0	1.0	1.0	1.9
V06-0855	1.0	1.0	3.7	1.0	1.0	1.5
V05-2037	1.0	1.0	3.7	1.0	1.0	1.5
V05-2607	1.0	1.0	3.7	1.0	1.0	1.5
V05-2664	1.0	1.0	3.7	1.0	1.0	1.5
Mean	1.1	1.0	4.8	1.0	1.0	.

TABLE 11 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

East

STRAIN/ VARIETY	Plymouth, NC(B)	Queenstown, MD	Warsaw, VA	Area Mean
5002T	2.0	2.7	.	2.3
DK 4866	2.0	2.7	.	2.3
AG 4403	2.0	2.7	.	2.3
AG 4907	2.0	2.7	.	2.3
AG 4903	2.0	2.7	.	2.3
JTN-4307	2.0	2.7	.	2.3
JTN-4408	2.0	2.7	.	2.3
JTN-4507	2.0	2.7	.	2.3
JTN-4607	2.0	2.7	.	2.3
LG01-5087-5	2.0	2.7	.	2.3
Md 05-6207	2.0	2.7	.	2.3
NCC05-1168	2.0	2.7	.	2.3
NCC05-1261	2.0	2.7	.	2.3
NCC06-148	2.0	2.7	.	2.3
NCC06-339	2.0	2.7	.	2.3
R04-122	2.0	2.7	.	2.3
R05-3239	2.0	2.7	.	2.3
R05-4114	2.0	2.7	.	2.3
S07-10311	2.0	2.7	.	2.3
S07-15722	2.0	2.7	.	2.3
S07-3666	2.0	2.7	.	2.3
S07-5049	2.0	2.7	.	2.3
S07-5117	2.2	2.7	.	2.4
S07-5151	2.2	2.7	.	2.4
V06-0855	2.2	2.8	.	2.5
V05-2037	2.2	2.8	.	2.5
V05-2607	2.2	2.8	.	2.5
V05-2664	2.2	2.8	.	2.5
Mean	2.0	2.7	.	.

TABLE 11 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

South

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Princeton, KY	Springfield, TN	Starkville, MS	Ullin, IL	Area Mean
5002T	.	1.1	1.0	1.0	1.0	1.0	1.0
DK 4866	.	1.1	1.0	1.0	1.0	1.0	1.0
AG 4403	.	1.1	1.0	1.0	1.0	1.0	1.0
AG 4907	.	1.1	1.0	1.0	1.0	1.0	1.0
AG 4903	.	1.1	1.0	1.0	1.0	1.0	1.0
JTN-4307	.	1.1	1.0	1.0	1.0	1.0	1.0
JTN-4408	.	1.1	1.0	1.0	1.0	1.0	1.0
JTN-4507	.	1.1	1.0	1.0	1.0	1.0	1.0
JTN-4607	.	1.1	1.0	1.0	1.0	1.0	1.0
LG01-5087-5	.	1.1	1.0	1.0	1.0	1.0	1.0
Md 05-6207	.	1.1	1.0	1.0	1.0	1.0	1.0
NCC05-1168	.	1.1	1.0	1.0	1.0	1.0	1.0
NCC05-1261	.	1.1	1.0	1.0	1.0	1.0	1.0
NCC06-148	.	1.1	1.0	1.0	1.0	1.0	1.0
NCC06-339	.	1.1	1.0	1.0	1.0	1.0	1.0
R04-122	.	1.2	1.0	1.0	1.0	1.0	1.0
R05-3239	.	1.2	1.0	1.0	1.0	1.0	1.0
R05-4114	.	1.2	1.0	1.0	1.0	1.0	1.0
S07-10311	.	1.2	1.0	1.0	1.0	1.0	1.0
S07-15722	.	1.2	1.0	1.0	1.0	1.0	1.0
S07-3666	.	1.2	1.0	1.0	1.0	1.0	1.0
S07-5049	.	1.2	1.0	1.0	1.0	1.0	1.0
S07-5117	.	1.2	1.0	1.0	1.0	1.0	1.0
S07-5151	.	1.2	1.0	1.0	1.0	1.0	1.0
V06-0855	.	1.2	1.0	1.0	1.0	1.0	1.0
V05-2037	.	1.2	1.0	1.0	1.0	1.0	1.0
V05-2607	.	1.2	1.0	1.0	1.0	1.0	1.0
V05-2664	.	1.2	1.0	1.0	1.0	1.0	1.0
Mean	.	1.2	1.0	1.0	1.0	1.0	.

TABLE 11 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

West

STRAIN/ VARIETY	McCune, KS	Pittsburg, KS	Stillwater, OK	Area Mean
5002T	2.0	2.0	2.0	2.0
DK 4866	2.0	2.0	2.0	2.0
AG 4403	2.0	2.0	2.0	2.0
AG 4907	2.0	2.0	2.0	2.0
AG 4903	2.0	2.0	2.0	2.0
JTN-4307	2.0	2.0	2.0	2.0
JTN-4408	2.0	2.0	2.0	2.0
JTN-4507	2.0	2.0	2.0	2.0
JTN-4607	2.0	2.0	2.0	2.0
LG01-5087-5	2.0	2.0	2.0	2.0
Md 05-6207	2.0	2.0	2.0	2.0
NCC05-1168	2.0	2.0	2.0	2.0
NCC05-1261	2.0	2.0	2.0	2.0
NCC06-148	2.0	2.0	2.0	2.0
NCC06-339	2.0	2.0	2.0	2.0
R04-122	2.0	2.0	2.0	2.0
R05-3239	2.0	2.0	2.0	2.0
R05-4114	2.0	2.0	2.0	2.0
S07-10311	2.0	2.0	2.0	2.0
S07-15722	2.0	2.0	2.0	2.0
S07-3666	2.0	2.0	2.0	2.0
S07-5049	2.0	2.0	2.0	2.0
S07-5117	2.0	2.0	2.0	2.0
S07-5151	2.0	2.0	2.0	2.0
V06-0855	2.0	2.0	2.0	2.0
V05-2037	2.0	2.0	2.0	2.0
V05-2607	2.0	2.0	2.0	2.0
V05-2664	2.0	2.0	2.0	2.0
Mean	2.0	2.0	2.0	.

TABLE 12 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

Delta

STRAIN/ VARIETY	Pine Tree, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
5002T	1.3	2.0	2.7	2.0	.	2.0
DK 4866	2.0	2.3	2.3	3.0	.	2.3
AG 4403	2.0	2.7	2.3	2.0	.	2.3
AG 4907	1.3	2.3	2.7	3.0	.	2.2
AG 4903	1.3	2.3	2.0	2.0	.	1.9
JTN-4307	1.0	2.0	2.3	2.0	.	1.8
JTN-4408	1.0	2.0	2.0	2.0	.	1.7
JTN-4507	1.0	2.0	2.3	2.0	.	1.8
JTN-4607	1.7	2.0	2.7	2.0	.	2.1
LG01-5087-5	2.0	2.3	2.3	2.0	.	2.2
Md 05-6207	1.7	2.3	2.3	2.0	.	2.1
NCC05-1168	1.7	2.7	2.3	2.0	.	2.2
NCC05-1261	1.0	2.7	2.3	2.0	.	2.0
NCC06-148	1.3	2.0	2.0	2.0	.	1.8
NCC06-339	1.0	2.7	2.7	2.0	.	2.1
R04-122	1.7	2.3	2.3	2.0	.	2.1
R05-3239	1.3	2.0	2.0	2.0	.	1.8
R05-4114	1.0	2.0	2.7	2.0	.	1.9
S07-10311	1.7	2.3	2.3	2.0	.	2.1
S07-15722	1.7	2.7	2.7	2.0	.	2.3
S07-3666	1.7	2.3	2.3	2.0	.	2.1
S07-5049	2.0	3.0	2.0	2.0	.	2.3
S07-5117	2.3	2.3	2.3	3.0	.	2.4
S07-5151	2.7	3.0	2.3	3.0	.	2.7
V06-0855	1.0	2.0	2.0	2.0	.	1.7
V05-2037	1.0	2.3	2.7	2.0	.	2.0
V05-2607	1.0	2.3	2.0	2.0	.	1.8
V05-2664	1.0	2.0	2.3	2.0	.	1.8
Mean	1.5	2.3	2.3	2.1	.	.

TABLE 12 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

East

STRAIN/ VARIETY	Plymouth, NC(B)	Queenstown, MD	Warsaw, VA	Area Mean
5002T	3.3	1.5	1.8	2.2
DK 4866	3.5	1.2	2.0	2.2
AG 4403	3.7	1.0	2.0	2.2
AG 4907	3.5	1.3	2.3	2.4
AG 4903	3.5	1.3	2.3	2.4
JTN-4307	3.0	1.5	1.9	2.1
JTN-4408	3.5	1.5	2.4	2.5
JTN-4507	3.5	1.3	2.1	2.3
JTN-4607	3.8	1.5	2.2	2.6
LG01-5087-5	4.2	1.5	2.2	2.6
Md 05-6207	4.7	2.0	2.3	3.0
NCC05-1168	3.8	1.5	2.7	2.7
NCC05-1261	3.8	1.3	1.9	2.4
NCC06-148	3.5	1.2	2.1	2.2
NCC06-339	3.8	1.2	2.1	2.4
R04-122	4.0	1.0	2.2	2.4
R05-3239	3.7	1.3	2.1	2.4
R05-4114	3.7	1.2	2.5	2.4
S07-10311	3.3	1.2	2.2	2.2
S07-15722	3.5	1.2	2.4	2.3
S07-3666	4.2	1.5	2.2	2.6
S07-5049	4.8	1.5	2.2	2.8
S07-5117	4.0	1.3	2.2	2.5
S07-5151	4.0	1.2	2.2	2.4
V06-0855	3.8	1.3	2.0	2.4
V05-2037	3.8	1.2	1.8	2.3
V05-2607	3.7	1.8	2.1	2.5
V05-2664	3.7	1.8	2.0	2.5
Mean	3.8	1.4	2.2	.

TABLE 12 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

South

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Princeton, KY	Springfield, TN	Starkville, MS	Ullin, IL	Area Mean
5002T	1.7	3.0	3.0	.	.	1.7	2.2
DK 4866	1.7	3.0	3.0	.	.	1.0	2.0
AG 4403	2.0	1.3	5.0	.	.	1.3	1.9
AG 4907	2.0	2.5	3.0	.	.	1.0	2.0
AG 4903	2.0	1.8	3.0	.	.	1.0	1.8
JTN-4307	1.7	2.2	3.0	.	.	1.0	1.8
JTN-4408	2.0	2.3	3.0	.	.	1.3	2.0
JTN-4507	2.0	2.5	2.0	.	.	1.0	1.9
JTN-4607	1.7	1.8	3.0	.	.	1.0	1.7
LG01-5087-5	2.7	2.5	4.0	.	.	1.7	2.5
Md 05-6207	2.7	2.3	3.0	.	.	1.3	2.2
NCC05-1168	1.0	1.7	3.0	.	.	1.0	1.4
NCC05-1261	1.7	1.8	3.0	.	.	1.0	1.7
NCC06-148	2.0	2.8	3.0	.	.	1.7	2.3
NCC06-339	2.0	2.5	2.0	.	.	1.3	2.0
R04-122	1.7	2.3	2.0	.	.	1.3	1.8
R05-3239	1.7	2.3	2.0	.	.	1.0	1.7
R05-4114	2.0	2.2	3.0	.	.	1.0	1.9
S07-10311	3.0	2.2	4.0	.	.	2.0	2.6
S07-15722	2.0	2.5	3.0	.	.	1.7	2.2
S07-3666	1.3	2.5	3.0	.	.	1.0	1.8
S07-5049	1.3	2.7	3.0	.	.	1.0	1.8
S07-5117	2.0	2.0	4.0	.	.	1.3	2.0
S07-5151	2.7	2.5	4.0	.	.	1.3	2.4
V06-0855	2.0	2.5	2.0	.	.	1.0	1.9
V05-2037	2.0	2.3	2.0	.	.	1.7	2.0
V05-2607	2.0	2.5	2.0	.	.	1.0	1.9
V05-2664	2.0	1.8	3.0	.	.	1.0	1.8
Mean	1.9	2.3	3.0	.	.	1.2	.

TABLE 12 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP IV-S FOR YEAR 2010

West

STRAIN/ VARIETY	McCune, KS	Pittsburg, KS	Stillwater, OK	Area Mean
5002T	2.0	2.0	.	2.0
DK 4866	2.0	2.0	.	2.0
AG 4403	2.0	2.0	.	2.0
AG 4907	1.0	2.0	.	1.5
AG 4903	2.0	1.0	.	1.5
JTN-4307	2.0	2.0	.	2.0
JTN-4408	1.0	2.0	.	1.5
JTN-4507	1.0	2.0	.	1.5
JTN-4607	1.0	2.0	.	1.5
LG01-5087-5	2.0	2.0	.	2.0
Md 05-6207	2.0	2.0	.	2.0
NCC05-1168	1.0	2.0	.	1.5
NCC05-1261	2.0	2.0	.	2.0
NCC06-148	2.0	2.0	.	2.0
NCC06-339	2.0	2.0	.	2.0
R04-122	2.0	2.0	.	2.0
R05-3239	2.0	2.0	.	2.0
R05-4114	2.0	2.0	.	2.0
S07-10311	2.0	2.0	.	2.0
S07-15722	2.0	2.0	.	2.0
S07-3666	2.0	2.0	.	2.0
S07-5049	2.0	2.0	.	2.0
S07-5117	2.0	2.0	.	2.0
S07-5151	2.0	2.0	.	2.0
V06-0855	2.0	2.0	.	2.0
V05-2037	2.0	2.0	.	2.0
V05-2607	2.0	2.0	.	2.0
V05-2664	2.0	2.0	.	2.0
Mean	1.8	2.0	.	.

TABLE 13 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	AG 4103	Commercial check		
2	AG 4403	Commercial check		
3	AG 3803	Commercial check		
4	LD00-3309	Maverick X Dwight		
5	B05-8046	Loda x LG93-7054	F4	exotic/rust(?)
6	DS126-5	Bolivar x PI 567516C	F7	SCN
7	LS07-1348	LN97-15076 x LD02-4485	F5	
8	LS07-1934	SS98-7851 x LD01-5907	F5	
9	LS07-2935	SS98-7851 x LD00-3309	F5	
10	LS07-3070	SS98-7851 x LD00-3309	F5	
11	LS07-3131	SS98-7851 x LD00-3309	F5	
12	Md 0708WN 215	Md 0304WN 59 x Md 03-6420	F5	LOW PHYTATE
13	Md 07-5092	Md 97-6065 x Md 00-5020	F5	
14	Md 07-5756	NC97-3363-3Tn24 x Md 99-173-11	F5	LOW LIN
15	Md 07-5782	Ina x Md 97-6156	F5	
16	Md 07-5786	Md 96-5722 x Md 03-5446	F5	
17	S07-16041	Delsoy 5710 x S03-058 RR	F5	
18	S07-3614	S03-4127 X S01-8401	F5	
19	S08-14087	R00-1194F X S04-5969RR		
20	S08-14100	R00-1194F X S04-5969RR		
21	TN05-3027	LG01-3733 = F3:5 Rend x LG97-9301	F5	
22	TN05-4008	LG01-1745 = F3:5 LG97-9015 x HS93-4118	F5	
23	TN05-4034	N98-4445 x S99-4074	F4	
24	TN07-694	TN02-204 x TN02-303	F6	
25	V06-9664	Loda x LG96-1797	F4	exotic

**TABLE 14 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN PRELIMINARY TEST IV-S-EARLY FOR YEAR 2010**

STRAIN/ VARIETY	SEED		AVG.	MAT.	LODGING	HEIGHT	SEED		%	%	HG TYPE	HG TYPE	HG TYPE	SC	SC	FL	PUB.	POD
	YIELD	RANK	RANK	INDEX			QUALITY	SIZE	PROTEIN	OIL	1.2.5.7	7	1.3.5.6.7	RATING	SCORE	COLOR	COLOR	COLOR
AG 4103	48.9	3	8	0	1.7	34	2.1	13.9	38.3	21.4	5	1	.	R	1	W	G	T
AG 4403	46.9	8	10	2	1.8	35	2.1	12.2	37.4	21.9	5	5	.	S	5	P	G	T
AG 3803	48.2	5	10	-2	1.8	33	2.4	13.5	39.4	20.8	5	1	.	R	1	P	G	Br
LD00-3309	44.5	12	14	-4	1.7	29	2.6	11.7	38.6	20.6	5	2	.	R	1	P	T	Br
B05-8046	43.5	16	14	-2	1.9	33	2.4	13.5	38.2	21.6	5	5	.	R	1	P	G	Br
DS126-5	31.8	25	20	3	3.1	42	2.6	11.5	41.3	15.8	2	1	.	R	1	P	G	Br
LS07-1348	43.1	17	17	-3	1.9	35	3.0	13.1	38.7	20.7	5	2	.	R	1	P	T	T
LS07-1934	47.1	7	11	-2	1.6	31	2.5	14.3	38.1	21.6	5	1	.	R	1	P	G	T
LS07-2935	46.2	10	13	-2	2.1	36	2.8	14.4	38.9	20.6	5	1	.	R	1	P	G	Br
LS07-3070	46.7	9	12	-2	1.8	37	2.2	16.1	39.3	21.4	5	1	.	R	1	W	G	Br
LS07-3131	49.1	2	8	0	1.8	33	2.7	14.0	38.8	21.6	5	2	.	MS	4	P	G	Br
Md 0708WN 215	41.8	19	16	4	2.5	41	2.8	15.0	38.2	20.3	5	5	.	R	1	W	T	T
Md 07-5092	48.3	4	9	5	1.3	25	2.1	13.0	37.8	20.5	4	5	.	R	1	P	T	T
Md 07-5756	38.4	23	18	7	2.4	39	3.1	14.1	38.0	19.1	5	5	.	R	1	P	G	T
Md 07-5782	40.1	21	16	-3	2.3	38	2.4	13.2	39.0	20.3	5	1	.	S	5	W	G	Br
Md 07-5786	39.0	22	17	2	1.9	34	2.8	14.0	41.2	19.7	5	5	.	R	1	P	T	T
S07-16041	41.5	20	16	3	2.1	38	2.2	12.0	38.8	19.1	4	5	.	R	1	W	T	T
S07-3614	45.4	11	10	3	2.2	33	2.2	14.2	38.6	20.4	5	5	.	R	1	P	T	T
S08-14087	49.5	1	7	5	1.9	37	2.2	13.2	37.9	21.7	5	5	.	R	1	P	Lt T	T
S08-14100	47.6	6	9	6	2.0	39	2.3	12.5	37.7	21.8	5	2	.	R	1	W	T	T
TN05-3027	44.4	13	11	-2	2.4	34	2.7	12.9	39.6	20.4	5	5	.	R	1	W	G	Br
TN05-4008	44.0	15	14	0	2.1	32	2.6	13.0	38.4	20.9	5	5	.	R	1	W	G	Br
TN05-4034	38.1	24	20	0	1.7	33	2.8	14.7	39.4	20.3	5	4	.	R	1	P	T	T
TN07-694	43.0	18	15	-2	1.6	35	2.6	15.5	40.4	20.6	4	4	.	S	5	W	T	T
V06-9664	44.3	14	12	4	2.2	33	2.7	13.6	38.4	21.1	5	1	.	R	1	P	G	T
Mean	44.1	.	.	1	2.0	35	2.5	13.6	38.8	20.6	.	.	.	.	.	.	.	.
LSD(0.05)	6.5	.	.	3	0.4	3	0.6	1.0	1.0	0.7	.	.	.	.	.	.	.	.
CV(%)	16.6	.	.	411	28.0	11	26.8	7.7	2.8	3.7	.	.	.	.	.	.	.	.

TABLE 15 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Knoxville,‡ TN	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Springfield, TN	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw,‡ VA	Test Mean
AG 4103	61.1	28.3	57.9	63.8	61.2	13.0	69.7	23.3	41.1	21.0	48.9
AG 4403	52.9	23.7	56.8	56.6	48.3	9.9	71.6	34.1	45.2	20.8	46.9
AG 3803	56.2	19.6	52.6	56.7	64.7	9.9	76.5	32.2	36.4	25.4	48.2
LD00-3309	48.3	15.1	50.5	57.1	56.5	4.3	69.6	28.4	41.1	22.6	44.5
B05-8046	41.5	21.0	52.3	53.6	40.8	6.7	77.4	36.7	39.3	17.6	43.5
DS126-5	25.5	14.7	.	30.8	42.4	8.9	71.1	15.3	22.7	16.5	31.8
LS07-1348	53.9	17.3	51.8	51.0	54.4	8.0	68.8	28.2	29.0	21.3	43.1
LS07-1934	58.6	20.0	44.4	61.5	58.1	6.8	69.4	34.3	44.0	19.6	47.1
LS07-2935	56.7	19.3	47.7	55.3	57.7	8.4	69.6	36.0	38.3	15.6	46.2
LS07-3070	57.8	23.2	46.1	54.7	60.1	11.2	71.2	34.3	38.0	24.8	46.7
LS07-3131	56.8	19.4	60.4	62.0	60.9	10.7	72.0	35.0	34.8	18.0	49.1
Md 0708WN 215	38.4	16.6	47.9	52.3	38.4	13.5	66.6	39.9	37.4	23.4	41.8
Md 07-5092	58.2	26.4	58.5	58.3	48.5	8.0	72.9	31.8	49.8	19.5	48.3
Md 07-5756	26.8	21.6	42.4	52.4	31.8	13.3	68.7	34.4	37.1	19.5	38.4
Md 07-5782	42.4	20.6	43.4	55.8	66.6	7.0	45.9	39.7	20.2	16.6	40.1
Md 07-5786	40.7	24.2	43.4	53.0	35.8	14.0	54.6	38.2	32.6	20.4	39.0
S07-16041	43.8	20.9	49.7	56.1	38.9	10.9	58.9	32.8	40.7	19.1	41.5
S07-3614	43.8	22.9	58.7	64.2	40.2	12.4	62.4	38.1	43.3	22.9	45.4
S08-14087	60.2	18.9	56.3	61.3	46.6	15.6	69.1	36.7	50.2	20.4	49.5
S08-14100	45.8	21.1	50.9	62.6	51.7	16.0	73.5	31.8	48.4	16.3	47.6
TN05-3027	47.9	20.8	52.3	59.9	41.8	9.7	75.4	40.2	27.9	20.3	44.4
TN05-4008	46.4	18.9	56.8	59.5	41.0	5.5	64.2	33.6	45.2	17.6	44.0
TN05-4034	39.5	15.8	43.1	48.9	41.0	7.8	54.7	28.3	41.3	15.9	38.1
TN07-694	44.1	16.9	49.0	56.1	39.7	9.2	80.5	28.2	37.3	19.5	43.0
V06-9664	37.3	17.4	49.8	51.0	49.6	10.7	75.8	34.5	45.9	20.4	44.3
Mean	47.4	20.2	50.9	55.8	48.7	10.1	68.4	33.0	38.7	19.8	44.1
LSD(0.05)	7.6	9.2	10.5	8.7	9.8	2.8	15.0	9.2	8.8	6.4	6.5
CV(%)	7.8	22.1	9.7	7.6	9.8	13.6	10.6	13.4	11.1	15.6	16.6

‡Data not included in mean.

**TABLE 16 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN
PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2010**

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Springfield, TN	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
AG 4103	20.8	21.4	21.1	21.1	21.6	.	23.4	22.0	20.3	21.3	21.4
AG 4403	20.4	20.8	22.1	21.8	21.3	.	22.7	23.9	22.4	21.3	21.9
AG 3803	19.7	20.8	21.0	20.1	20.7	.	22.7	20.1	22.2	20.1	20.8
LD00-3309	19.1	19.7	20.8	20.0	20.3	.	22.6	20.5	22.4	20.0	20.6
B05-8046	20.8	21.5	21.9	21.4	21.5	.	20.8	21.8	24.0	20.3	21.6
DS126-5	14.4	13.9	15.7	13.8	14.1	.	20.8	17.1	17.3	15.5	15.8
LS07-1348	19.1	20.4	21.0	20.2	20.2	.	22.7	21.1	21.1	20.4	20.7
LS07-1934	20.7	19.7	21.2	21.4	21.5	.	21.4	22.7	24.9	20.8	21.6
LS07-2935	19.9	19.8	19.8	20.2	20.6	.	21.4	20.6	23.3	20.2	20.6
LS07-3070	20.7	21.9	20.3	21.2	20.7	.	22.4	21.0	24.0	20.1	21.4
LS07-3131	20.8	20.7	21.1	21.0	22.0	.	22.8	21.8	22.6	21.4	21.6
Md 0708WN 215	18.6	18.5	21.0	19.9	19.0	.	22.3	22.4	21.3	19.4	20.3
Md 07-5092	19.3	19.0	20.0	19.8	20.0	.	22.7	22.2	21.8	20.0	20.5
Md 07-5756	17.1	17.4	19.8	18.7	17.7	.	21.3	20.7	20.4	18.6	19.1
Md 07-5782	19.8	18.7	20.7	20.9	21.2	.	19.6	20.2	22.0	19.6	20.3
Md 07-5786	18.7	19.4	19.1	18.5	18.5	.	21.6	20.6	21.8	19.3	19.7
S07-16041	17.9	17.7	19.0	18.0	18.7	.	21.2	21.0	19.6	18.5	19.1
S07-3614	19.6	18.9	19.9	19.8	20.7	.	21.9	21.0	21.3	20.2	20.4
S08-14087	20.5	20.4	21.1	21.0	21.4	.	22.6	23.6	23.1	21.3	21.7
S08-14100	20.3	20.5	21.4	21.5	21.0	.	22.6	24.0	22.9	21.8	21.8
TN05-3027	19.3	20.1	20.6	19.6	20.5	.	21.2	19.8	21.8	20.6	20.4
TN05-4008	19.9	19.6	22.1	20.9	20.8	.	21.5	21.2	22.2	19.8	20.9
TN05-4034	19.3	19.3	20.4	20.1	19.7	.	22.0	20.7	21.3	19.5	20.3
TN07-694	19.4	19.5	21.2	20.3	19.8	.	21.9	20.0	22.5	20.3	20.6
V06-9664	19.9	19.6	21.4	20.4	20.6	.	.	23.0	23.5	19.4	21.1
Mean	19.4	19.6	20.6	20.1	20.2	.	21.9	21.3	22.0	20.0	.

TABLE 17 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Springfield, TN	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
AG 4103	39.8	40.4	39.3	38.5	41.0	.	35.3	36.6	37.6	36.6	38.3
AG 4403	38.6	39.1	39.5	36.9	39.0	.	37.0	32.2	37.1	37.3	37.4
AG 3803	39.9	40.7	41.2	39.7	40.8	.	38.7	38.9	37.3	37.9	39.4
LD00-3309	39.1	40.7	39.7	38.7	39.6	.	37.3	38.8	36.3	36.8	38.6
B05-8046	39.3	39.4	39.3	37.0	40.2	.	38.2	37.6	35.4	37.2	38.2
DS126-5	42.5	44.9	41.1	42.3	45.3	.	37.5	39.2	40.5	38.8	41.3
LS07-1348	40.4	39.8	38.5	38.7	40.4	.	37.3	37.4	37.6	37.9	38.7
LS07-1934	39.8	40.6	39.7	38.0	39.1	.	37.3	36.2	35.1	37.3	38.1
LS07-2935	39.2	40.7	39.6	38.7	41.1	.	38.8	38.4	36.1	37.5	38.9
LS07-3070	40.7	39.9	40.9	39.1	41.9	.	37.3	38.9	36.7	38.0	39.3
LS07-3131	40.1	40.7	39.2	38.2	41.0	.	37.0	38.0	37.5	37.2	38.8
Md 0708WN 215	39.6	41.1	40.4	38.0	40.2	.	36.9	33.7	37.7	35.8	38.2
Md 07-5092	39.0	39.9	37.5	38.3	41.7	.	36.9	34.0	36.6	35.9	37.8
Md 07-5756	40.4	41.3	38.0	37.5	41.8	.	37.4	34.4	36.8	34.3	38.0
Md 07-5782	39.8	43.5	37.8	37.1	40.6	.	40.5	38.8	37.0	36.1	39.0
Md 07-5786	42.4	42.7	41.7	42.5	44.4	.	38.3	41.0	39.5	38.1	41.2
S07-16041	40.7	41.6	39.5	39.8	41.6	.	37.8	34.0	37.7	36.8	38.8
S07-3614	39.0	41.2	39.2	38.5	40.7	.	37.2	37.8	37.9	35.8	38.6
S08-14087	39.5	41.4	38.1	37.3	41.4	.	36.5	35.0	36.2	35.8	37.9
S08-14100	39.9	40.1	38.3	38.4	40.8	.	36.8	32.4	36.1	36.0	37.7
TN05-3027	41.2	40.6	39.5	39.4	41.2	.	39.2	40.2	37.8	37.7	39.6
TN05-4008	39.9	40.7	39.4	37.8	39.0	.	38.4	36.7	36.7	36.8	38.4
TN05-4034	40.3	41.8	40.1	39.2	40.6	.	37.9	38.0	37.9	38.7	39.4
TN07-694	42.0	43.0	41.2	40.6	42.7	.	37.0	39.9	38.5	39.1	40.4
V06-9664	39.7	41.7	38.5	39.3	41.3	.	.	32.9	35.9	39.5	38.4
Mean	40.1	41.1	39.5	38.8	41.1	.	37.6	36.8	37.2	37.2	.

TABLE 18 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Springfield, TN	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
AG 4103	13.5	13.3	14.5	15.5	16.1	.	14.8	.	11.5	12.4	13.9
AG 4403	11.5	12.3	12.6	12.5	14.0	.	12.4	.	10.3	12.0	12.2
AG 3803	12.7	12.7	14.9	13.7	16.0	.	14.5	.	11.2	12.2	13.5
LD00-3309	10.9	12.4	11.9	10.9	14.1	.	12.3	.	9.1	12.2	11.7
B05-8046	12.4	13.5	13.7	13.4	14.7	.	18.6	.	10.6	10.9	13.5
DS126-5	10.2	11.5	10.5	10.2	11.6	.	14.5	.	11.0	12.2	11.5
LS07-1348	13.0	13.1	12.3	13.4	15.4	.	16.5	.	10.3	10.8	13.1
LS07-1934	15.1	13.8	14.7	14.2	16.2	.	15.9	.	11.8	12.7	14.3
LS07-2935	13.6	12.9	15.2	13.7	18.2	.	15.9	.	11.9	13.9	14.4
LS07-3070	17.0	13.8	17.9	16.5	20.4	.	16.9	.	12.9	13.1	16.1
LS07-3131	13.7	13.0	14.7	14.1	17.2	.	15.1	.	11.1	13.5	14.0
Md 0708WN 215	14.5	13.4	15.5	14.5	18.6	.	15.9	.	14.0	14.0	15.0
Md 07-5092	12.5	11.3	12.3	12.1	14.7	.	14.7	.	11.3	15.5	13.0
Md 07-5756	13.4	13.1	14.8	15.3	14.9	.	15.0	.	12.6	13.7	14.1
Md 07-5782	12.2	13.0	13.8	12.8	16.3	.	14.2	.	10.2	12.9	13.2
Md 07-5786	14.9	12.4	15.1	15.1	15.5	.	16.0	.	12.1	11.2	14.0
S07-16041	10.4	10.0	11.8	11.3	13.8	.	14.4	.	9.9	14.3	12.0
S07-3614	13.9	13.4	14.6	14.5	16.5	.	15.4	.	12.7	12.8	14.2
S08-14087	13.7	12.4	13.0	13.5	15.1	.	12.4	.	12.1	13.3	13.2
S08-14100	12.6	13.3	12.8	13.3	14.0	.	11.4	.	10.9	12.2	12.5
TN05-3027	13.1	12.6	13.9	13.3	13.2	.	15.1	.	9.2	12.8	12.9
TN05-4008	12.5	13.4	13.6	13.2	14.1	.	13.3	.	10.6	13.8	13.0
TN05-4034	15.0	13.7	14.5	16.3	16.9	.	16.0	.	12.4	12.8	14.7
TN07-694	15.5	15.4	16.8	16.0	18.4	.	16.0	.	13.6	12.6	15.5
V06-9664	14.3	12.3	14.0	13.6	16.1	.	13.7	.	11.5	13.8	13.6
Mean	13.3	12.9	14.0	13.7	15.7	.	14.8	.	11.4	12.8	.

TABLE 19 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Springfield, TN	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
AG 4103	9/20	9/20	9/20	9/27	10/7	9/20	8/24	9/8	9/17	9/21	9/18
AG 4403	1	3	5	1	0	-1	3	1	4	2	2
AG 3803	-3	-5	-3	-3	0	2	-9	-1	-3	2	-2
LD00-3309	-3	-6	-5	-6	-1	-3	-11	-2	-6	0	-4
B05-8046	-1	-1	-4	-5	0	-2	-1	-2	-1	-4	-2
DS126-5	6	3	1	2	3	0	5	2	10	-3	3
LS07-1348	0	-6	-5	-6	0	0	-9	0	-3	2	-3
LS07-1934	0	0	-3	-3	0	-2	-9	-1	0	-1	-2
LS07-2935	0	-4	-3	-5	0	0	3	0	-2	-7	-2
LS07-3070	1	-4	-3	-5	1	1	-5	0	-2	0	-2
LS07-3131	0	-2	1	-2	2	0	3	0	1	-3	0
Md 0708WN 215	6	5	6	3	4	1	4	6	9	-4	4
Md 07-5092	7	5	5	4	4	-2	7	8	11	-3	5
Md 07-5756	22	6	6	5	5	-1	18	6	10	-7	7
Md 07-5782	-1	-3	-4	-5	1	0	-12	-1	-1	-5	-3
Md 07-5786	7	-1	2	-1	3	2	6	0	-2	3	2
S07-16041	3	4	5	3	2	0	3	6	8	-4	3
S07-3614	1	4	5	4	2	-1	7	4	6	0	3
S08-14087	3	8	5	4	4	-2	13	8	10	0	5
S08-14100	7	8	6	5	4	-2	13	12	9	-2	6
TN05-3027	1	-3	-2	-5	1	-3	1	0	-2	-5	-2
TN05-4008	0	4	-3	-1	-1	-1	1	2	2	-5	0
TN05-4034	5	1	-1	-2	0	1	3	2	-1	-8	0
TN07-694	1	-3	-3	-6	3	2	-8	0	-1	-4	-2
V06-9664	3	6	7	4	3	-1	10	6	8	-2	4
Mean	3	1	1	-1	2	0	1	2	2	-2	.

TABLE 20 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Springfield, TN	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
AG 4103	52	30	38	38	37	21	34	23	40	23	33
AG 4403	47	30	40	36	42	20	42	33	41	21	35
AG 3803	50	26	35	31	39	19	32	28	41	25	32
LD00-3309	40	22	35	32	36	19	28	26	38	21	29
B05-8046	50	25	38	32	37	20	32	31	45	21	33
DS126-5	47	34	48	39	58	30	46	35	59	21	42
LS07-1348	56	29	36	33	38	25	32	30	45	25	35
LS07-1934	49	28	34	31	36	19	26	27	42	21	31
LS07-2935	56	27	45	36	40	21	38	35	40	21	36
LS07-3070	58	32	40	38	42	24	36	31	45	24	37
LS07-3131	48	26	39	33	40	18	41	27	38	19	33
Md 0708WN 215	56	29	40	41	46	26	54	39	52	24	40
Md 07-5092	42	24	25	22	31	18	20	20	35	20	25
Md 07-5756	50	28	51	41	48	29	38	37	51	21	39
Md 07-5782	51	30	43	38	46	25	40	38	52	19	38
Md 07-5786	46	28	40	34	37	25	32	29	44	25	34
S07-16041	52	24	43	44	45	23	48	37	45	21	38
S07-3614	43	27	38	35	38	20	38	29	37	22	33
S08-14087	48	29	42	37	45	24	48	37	43	21	37
S08-14100	56	32	40	42	43	25	48	32	45	26	39
TN05-3027	53	24	39	35	38	22	38	33	40	23	34
TN05-4008	44	25	33	36	37	19	38	31	39	19	32
TN05-4034	45	25	38	35	37	19	40	27	42	19	33
TN07-694	53	27	42	38	37	22	40	29	42	20	35
V06-9664	45	27	39	34	39	22	30	30	41	25	33
Mean	49	27	40	35	40	22	38	31	43	22	.

**TABLE 21 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN
PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2010**

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Springfield, TN	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
AG 4103	3.0	1.5	1.5	1.5	2.3	1.0	3.0	1.0	1.0	1.1	1.7
AG 4403	3.0	2.0	1.3	2.0	3.0	1.0	3.0	1.0	1.0	1.1	1.8
AG 3803	3.0	1.0	2.8	2.5	3.0	1.0	2.0	1.0	1.0	1.2	1.8
LD00-3309	3.5	1.0	2.2	2.0	2.0	1.0	2.0	1.0	1.0	1.1	1.7
B05-8046	4.0	1.5	2.3	1.0	2.8	1.0	3.0	1.0	1.5	1.0	1.9
DS126-5	5.0	2.0	5.0	2.5	4.5	1.0	4.0	1.8	4.0	1.0	3.1
LS07-1348	3.5	1.5	1.8	2.0	3.0	1.0	3.0	1.0	1.5	1.2	1.9
LS07-1934	2.5	2.0	1.3	1.0	2.8	1.0	2.0	1.0	1.5	1.1	1.6
LS07-2935	4.0	1.0	3.5	2.0	3.3	1.0	3.0	1.0	1.0	1.0	2.1
LS07-3070	3.0	1.0	1.9	1.5	3.3	1.0	3.0	1.0	1.0	1.4	1.8
LS07-3131	3.5	1.0	1.9	2.5	2.0	1.0	2.0	1.0	2.0	1.1	1.8
Md 0708WN 215	3.0	2.0	3.4	3.0	2.8	1.0	4.0	1.8	2.5	1.2	2.5
Md 07-5092	1.5	2.0	1.0	1.0	1.3	1.0	2.0	1.0	1.0	1.0	1.3
Md 07-5756	3.5	2.0	2.0	3.0	3.3	1.0	3.0	2.0	3.0	1.1	2.4
Md 07-5782	3.5	2.0	2.8	2.5	3.5	1.0	3.0	1.3	2.0	1.0	2.3
Md 07-5786	3.0	2.0	2.0	2.5	2.0	1.0	3.0	1.0	1.5	1.0	1.9
S07-16041	3.5	2.0	2.8	3.0	2.5	1.0	3.0	1.5	1.0	1.1	2.1
S07-3614	3.5	2.0	2.9	2.5	3.0	1.0	3.0	1.5	1.5	1.1	2.2
S08-14087	2.5	2.0	1.4	2.5	2.5	1.0	3.0	1.5	1.5	1.1	1.9
S08-14100	3.0	1.5	1.8	2.5	2.8	1.0	3.0	1.5	1.5	1.1	2.0
TN05-3027	4.0	1.0	4.0	3.0	3.3	1.0	3.0	1.3	2.0	1.0	2.4
TN05-4008	4.0	2.0	2.4	2.0	3.3	1.0	3.0	1.3	1.5	1.0	2.1
TN05-4034	3.5	2.0	1.4	1.0	1.8	1.0	3.0	1.0	1.0	1.1	1.7
TN07-694	2.0	1.5	1.6	1.5	1.8	1.0	3.0	1.0	1.0	1.2	1.6
V06-9664	4.5	2.0	1.3	3.0	3.0	1.0	2.0	1.7	2.0	1.2	2.2
Mean	3.3	1.7	2.2	2.1	2.7	1.0	2.8	1.2	1.6	1.1	.

TABLE 22 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-EARLY FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Knoxville, TN	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Springfield, TN	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
AG 4103	2.0	2.2	3.7	1.5	1.8	.	2.0	.	0.9	2.5	2.1
AG 4403	2.0	1.7	3.5	2.0	1.8	.	2.0	.	1.5	2.1	2.1
AG 3803	2.0	1.5	5.0	3.0	1.8	.	2.0	.	2.0	2.0	2.4
LD00-3309	2.0	2.2	5.5	2.5	1.8	.	2.0	.	2.5	2.2	2.6
B05-8046	3.0	2.5	5.0	2.0	1.5	.	2.0	.	1.0	2.3	2.4
DS126-5	2.5	2.2	3.5	3.5	2.5	.	2.0	.	2.0	2.8	2.6
LS07-1348	3.0	1.7	5.5	3.0	2.0	.	3.0	.	4.0	1.9	3.0
LS07-1934	3.0	2.7	5.0	2.0	2.3	.	2.0	.	1.5	1.8	2.5
LS07-2935	2.5	2.5	5.0	2.0	1.8	.	3.0	.	2.0	3.5	2.8
LS07-3070	2.5	2.2	5.0	1.5	1.8	.	2.0	.	1.5	1.4	2.2
LS07-3131	2.0	2.2	5.0	2.5	2.0	.	3.0	.	2.5	2.7	2.7
Md 0708WN 215	4.0	2.2	4.0	2.0	2.0	.	2.0	.	2.5	3.2	2.8
Md 07-5092	1.5	1.7	3.5	2.0	1.5	.	2.0	.	1.0	3.4	2.1
Md 07-5756	4.0	2.0	4.0	3.0	2.0	.	2.0	.	5.0	2.9	3.1
Md 07-5782	2.0	2.2	5.0	2.5	1.5	.	2.0	.	2.0	2.2	2.4
Md 07-5786	2.5	2.7	5.3	3.0	2.3	.	3.0	.	2.0	2.2	2.8
S07-16041	1.5	1.5	3.0	2.5	2.0	.	2.0	.	2.0	2.9	2.2
S07-3614	2.0	2.2	4.0	2.0	2.3	.	2.0	.	1.5	2.0	2.2
S08-14087	2.0	2.5	3.3	2.0	1.5	.	2.0	.	1.5	2.5	2.2
S08-14100	2.5	2.0	3.5	2.5	1.8	.	2.0	.	1.0	3.3	2.3
TN05-3027	3.0	2.7	5.3	2.5	1.8	.	2.0	.	1.5	2.6	2.7
TN05-4008	3.0	2.2	5.0	2.5	2.0	.	2.0	.	1.0	3.3	2.6
TN05-4034	2.5	3.2	4.5	2.5	2.0	.	3.0	.	2.0	2.9	2.8
TN07-694	2.0	2.0	4.0	2.5	1.5	.	3.0	.	2.5	3.2	2.6
V06-9664	2.5	2.7	4.0	3.0	2.0	.	2.0	.	2.0	3.3	2.7
Mean	2.5	2.3	4.4	2.4	1.9	.	2.2	.	2.0	2.6	.

TABLE 23 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	5002T	Holladay X Manokin		
2	DK 4866	Commercial check		
3	AG 4403	Commercial check		
4	AG 4907	Commercial check		
5	AG 4903	Commercial check		
6	DS126-2	Bolivar x PI 567516C	F7	SCN
7	K08-6050	IA3023/K1639-2	F4	
8	LS07-3843	LS99-3619 x LS99-3630	F6	
9	LS07-3935	LS99-3619 x LS99-3630	F6	
10	LS07-4020	LS99-3619 x LS99-3630	F6	
11	LS07-4035	LS99-3619 x LS99-3630	F6	
12	LS07-4536	N7001 x LS93-3630	F6	
13	Md 0708WN 109	Md 01-5866 x S99-11509	F5	
14	Md 0708WN 157	Md 00-5326 x Md 03-5517	F5	
15	Md 0708WN 8	Hutcheson x Md 03-6610	F5	
16	R07-10231	S99-2281 x UA 4805	F5	
17	R07-10263	S99-2281 x UA 4805	F5	
18	R07-1545	DP4748S x K 1599	F5	
19	R07-191	S01-9265 x R00-1940	F5	
20	R07-470	R00-2267 x Osage	F5	
21	S07-14472	S02-2238RR X S03-058RR	F5	
22	S08-17357	LG04-5196 X S00-9925-10 BS		
23	S08-17361	LG04-5196 X S00-9925-10 BS		
24	S08-4628	LD00-3309 X S02-3934		
25	S08-6168	LD00-2817 X S04-5969RR		
26	S08-8113	S04-5969RR X S03-051RR		
27	TN07-621	TN02-302 x U98-307917	F6	
28	TN07-700	LS97-1610 x TN02-225	F6	
29	TN-ExW2-051	Essex x Williams 82	F6	
30	TN-ExW2-111	Essex x Williams 82	F6	
31	TN-ExW2-141	Essex x Williams 82	F6	
32	UA 4910	ASG A4715 x DP 3478	F5	
33	V06-0168	V95-0391 X V96-0340	F4	exotic
34	V06-10038	V95-0391 x PI227328	F4	exotic
35	V06-8015	V94-0436 x V97-715	F4	
36	V06-9723	Kottman x Loda	F4	

**TABLE 24 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN PRELIMINARY TEST IV-S-LATE FOR YEAR 2010**

STRAIN/ VARIETY	SEED		AVG.		MAT. INDEX	SEED		% PROTEIN	% OIL	HG TYPE			SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR	
	YIELD	RANK	RANK	RANK		LOGGING	HEIGHT			QUALITY	SIZE	1.2.5.7 Race 2						7 Race 3	1.3.5.6.7 Race 14
5002T	51.0	5	12	0	1.3	26	1.9	14.7	38.5	20.2	5	5	.	R	1	W	T	T
DK 4866	55.0	1	7	-1	1.6	34	2.0	14.6	38.5	20.4	5	4	.	S	5	P	G	Br
AG 4403	49.9	9	15	-7	1.4	34	2.1	13.4	37.6	21.8	5	5	.	S	5	P	G	T
AG 4907	53.9	3	7	1	1.5	35	2.1	14.3	38.8	21.2	5	1	.	R	1	P	G	Br
AG 4903	49.3	12	14	1	1.7	32	2.1	15.4	39.2	20.8	5	5	.	S	5	P	G	T
DS126-2	24.6	36	36	-2	3.1	39	2.2	11.8	41.6	16.3	.	.	.	R	1	P	G	Br
K08-6050	49.8	10	12	1	1.3	24	2.1	15.5	38.0	21.7	5	4	.	R	1	W	G	T
LS07-3843	48.2	17	19	-1	1.3	26	2.3	14.2	38.9	20.9	5	1	.	R	1	W	G	Br
LS07-3935	48.1	18	20	-5	1.2	26	2.3	14.3	39.2	20.5	5	1	.	R	1	W	G	Br
LS07-4020	43.3	32	27	-2	1.3	27	2.0	13.9	39.3	20.7	5	2	.	R	1	P	G	Br
LS07-4035	48.9	13	18	-3	1.4	25	2.2	14.0	38.8	21.1	5	2	.	R	1	P	G	T
LS07-4536	47.8	19	19	-4	1.3	27	2.0	14.3	38.7	20.7	5	2	.	R	1	W	G	T
Md 0708WN 109	50.1	6	13	-2	1.3	23	2.1	15.2	40.2	20.3	5	4	.	MS	4	W	T	T
Md 0708WN 157	47.2	23	20	-1	1.5	36	2.1	14.7	40.0	20.7	5	3	.	R	1	P	G	T
Md 0708WN 8	44.6	30	24	-3	1.2	22	1.9	14.1	38.3	20.9	5	5	.	R	1	W	G	T
R07-10231	47.6	21	17	0	1.7	27	2.0	13.3	36.9	20.6	1	1	.	R	1	W	G	T
R07-10263	47.8	20	18	0	1.6	27	1.9	12.9	37.1	20.4	1	1	.	MS	4	W	G	T
R07-1545	48.9	14	16	1	1.4	36	2.0	14.9	38.3	20.8	.	.	.	R	1	S	T	Br
R07-191	44.6	29	23	2	1.5	29	1.8	13.7	40.1	18.9	.	.	.	MS	4	P	T	T
R07-470	48.7	15	16	2	1.2	31	1.8	12.8	40.0	20.0	5	5	.	SS	3	S	G	T
S07-14472	45.7	27	24	-3	2.3	34	2.0	15.8	39.2	19.7	5	1	.	R	1	W	T	T
S08-17357	50.0	8	15	1	2.3	38	2.0	16.3	38.6	20.6	5	2	.	R	1	W	G	T
S08-17361	52.1	4	11	4	1.8	36	2.0	15.6	38.0	20.8	5	4	.	R	1	W	T	T
S08-4628	45.9	26	20	-1	2.3	41	2.1	13.2	37.8	20.9	5	2	.	SS	3	P	T	T
S08-6168	48.4	16	15	-2	1.8	38	1.8	12.0	36.4	22.3	5	5	.	R	1	W	G	T
S08-8113	47.4	22	21	-3	1.8	37	2.1	15.0	37.8	21.5	5	5	.	R	1	W	G	T
TN07-621	44.6	28	21	2	1.3	23	1.8	13.1	38.2	19.7	5	5	.	R	1	W	G	T
TN07-700	49.4	11	13	2	1.3	24	2.2	14.7	37.6	20.2	5	5	.	R	1	W	T	T
TN-ExW2-051	43.4	31	25	4	1.4	25	2.0	12.8	40.5	20.4	5	4	.	R	1	W	G	T
TN-ExW2-111	39.4	35	32	3	1.3	28	2.0	13.1	39.2	20.4	5	3	.	S	5	P	G	T
TN-ExW2-141	43.0	33	26	5	1.3	25	1.8	13.4	40.3	19.8	5	5	.	S	5	W	G	T
UA 4910	54.1	2	5	1	1.5	32	1.8	13.8	38.4	20.7	5	1	.	R	1	W	Lt T	T
V06-0168	50.1	7	13	0	1.2	26	2.1	12.5	39.3	19.9	5	4	.	SS	3	P	G	Br
V06-10038	46.3	24	23	-5	1.2	24	2.2	12.9	38.0	20.5	5	2	.	R	1	W	G	T
V06-8015	41.2	34	29	2	1.2	29	2.2	14.9	39.0	20.5	5	5	.	R	1	P	G	Br
V06-9723	45.9	25	22	-2	2.2	36	1.9	14.2	38.7	20.9	5	4	.	MS	4	P	G	T
Mean	47.1	.	.	0	1.6	30	2.0	14.0	38.7	20.5	.	.	.	.	.	.	.	.
LSD(0.05)	4.9	.	.	3	0.4	4	0.3	0.9	1.1	0.7	.	.	.	.	.	.	.	.
CV(%)	12.2	.	.	-719	34.2	16	20.3	7.2	2.6	3.4	.	.	.	.	.	.	.	.

TABLE 25 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2010

STRAIN/ VARIETY	McCune, KS	Pine Tree,‡ AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw,‡ VA	Test Mean
5002T	39.3	34.4	39.2	57.8	56.2	42.4	65.3	45.6	62.4	25.4	51.0
DK 4866	40.0	42.8	43.8	59.1	63.0	63.4	82.6	37.6	50.4	24.8	55.0
AG 4403	35.2	57.4	38.3	61.8	59.2	60.8	61.8	31.9	50.7	24.9	49.9
AG 4907	37.7	55.2	43.9	57.5	66.2	56.9	75.0	40.7	53.3	26.6	53.9
AG 4903	41.2	56.6	39.8	59.1	54.0	45.6	61.5	42.2	50.7	27.9	49.3
DS126-2	12.5	43.6	16.9	28.4	31.8	31.6	41.8	8.8	24.8	26.8	24.6
K08-6050	40.8	38.3	41.5	56.0	63.0	46.5	62.2	36.3	52.1	27.3	49.8
LS07-3843	34.3	43.8	32.5	55.6	54.5	59.1	64.4	40.4	44.7	24.2	48.2
LS07-3935	34.7	61.1	36.7	55.3	54.2	60.2	62.5	29.9	51.6	22.3	48.1
LS07-4020	34.0	44.5	33.3	53.3	51.4	50.9	46.9	31.0	45.8	28.2	43.3
LS07-4035	34.9	47.3	36.9	62.2	60.5	59.0	61.5	28.5	48.0	27.4	48.9
LS07-4536	36.4	45.8	39.0	51.7	59.5	53.3	58.6	36.9	47.1	23.4	47.8
Md 0708WN 109	36.9	28.5	40.0	59.8	59.8	46.0	69.4	39.8	49.2	27.9	50.1
Md 0708WN 157	30.3	60.1	42.0	55.1	56.7	42.0	68.6	34.8	48.0	28.0	47.2
Md 0708WN 8	32.4	27.2	30.3	52.0	57.4	40.0	59.0	36.4	49.7	30.4	44.6
R07-10231	40.5	54.7	39.7	55.0	43.6	50.6	67.1	29.9	54.5	29.1	47.6
R07-10263	39.7	59.1	39.4	54.0	52.4	56.5	48.1	35.8	56.5	30.1	47.8
R07-1545	30.6	54.1	45.0	60.3	55.4	50.5	59.6	39.2	50.3	29.6	48.9
R07-191	41.2	39.2	42.2	50.9	52.6	44.9	50.5	30.3	44.4	28.2	44.6
R07-470	36.7	50.5	39.2	63.5	56.7	38.1	64.7	34.3	56.1	26.3	48.7
S07-14472	36.0	54.4	39.5	53.2	49.2	49.6	60.1	33.8	44.6	23.7	45.7
S08-17357	38.3	46.1	40.8	49.0	50.2	55.4	72.9	42.1	51.2	28.5	50.0
S08-17361	37.4	58.6	37.4	61.2	58.2	52.9	72.8	46.7	50.1	28.7	52.1
S08-4628	37.1	41.4	42.3	49.5	56.1	50.4	48.8	38.7	44.5	28.3	45.9
S08-6168	40.8	54.5	40.1	52.6	56.3	45.7	67.0	40.1	44.7	23.7	48.4
S08-8113	36.6	37.0	38.8	50.4	57.8	55.4	58.2	31.9	50.2	22.5	47.4
TN07-621	40.7	42.6	45.1	56.0	50.1	37.2	46.0	36.3	45.8	23.3	44.6
TN07-700	38.4	44.2	42.5	60.6	54.3	42.6	57.8	42.3	56.8	22.0	49.4
TN-ExW2-051	34.9	51.1	39.5	51.3	49.3	38.1	45.9	38.2	49.9	23.8	43.4
TN-ExW2-111	33.1	38.4	34.8	47.0	47.5	37.3	39.5	34.8	40.9	25.6	39.4
TN-ExW2-141	33.7	55.9	38.3	50.7	50.0	33.0	48.2	41.3	48.7	24.6	43.0
UA 4910	42.2	60.3	46.2	63.2	59.2	55.4	70.6	43.5	52.3	23.3	54.1
V06-0168	35.6	40.1	39.5	58.9	55.6	47.4	62.1	46.6	54.8	23.2	50.1
V06-10038	32.7	41.6	38.6	54.0	54.2	45.6	58.7	35.8	50.6	27.4	46.3
V06-8015	33.4	37.0	32.2	43.7	54.7	34.2	54.1	36.4	41.0	22.5	41.2
V06-9723	39.8	58.7	37.1	51.5	55.3	45.6	60.2	36.4	41.6	24.9	45.9
Mean	36.1	47.4	38.7	54.5	54.6	47.9	59.8	36.5	48.8	25.9	47.1
LSD(0.05)	4.1	26.9	3.7	9.8	8.8	9.2	13.8	6.0	7.1	9.0	4.9
CV(%)	5.6	25.9	4.7	8.9	7.9	9.4	11.4	8.0	7.2	17.2	12.2

‡Data not included in mean.

TABLE 26 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2010

STRAIN/ VARIETY	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
5002T	.	.	18.4	19.9	20.0	19.2	21.5	22.2	.	20.2	20.2
DK 4866	.	.	19.7	19.6	20.2	20.1	20.5	22.8	.	20.2	20.4
AG 4403	.	.	21.9	21.1	22.3	20.9	22.1	22.7	.	21.3	21.8
AG 4907	.	.	21.0	20.2	21.7	21.5	20.9	23.0	.	20.4	21.2
AG 4903	.	.	20.6	20.2	20.4	20.1	20.6	22.5	.	20.8	20.8
DS126-2	.	.	16.1	15.1	13.8	15.3	20.8	17.3	.	15.9	16.3
K08-6050	.	.	21.1	21.8	21.2	21.3	21.9	22.6	.	21.8	21.7
LS07-3843	.	.	21.0	19.7	20.9	21.6	20.0	22.2	.	21.0	20.9
LS07-3935	.	.	21.0	19.7	21.1	20.7	19.6	20.4	.	20.7	20.5
LS07-4020	.	.	20.5	20.1	20.5	20.9	20.0	22.2	.	21.0	20.7
LS07-4035	.	.	21.7	20.5	21.3	20.9	20.5	21.9	.	21.2	21.1
LS07-4536	.	.	21.5	19.9	20.7	20.8	20.4	21.7	.	20.0	20.7
Md 0708WN 109	.	.	19.9	20.0	20.3	20.8	20.3	21.0	.	19.8	20.3
Md 0708WN 157	.	.	20.7	20.1	20.2	19.9	20.6	23.1	.	20.1	20.7
Md 0708WN 8	.	.	20.7	21.4	21.3	20.2	21.6	21.5	.	19.3	20.9
R07-10231	.	.	19.9	19.9	20.6	20.6	21.0	22.7	.	19.7	20.6
R07-10263	.	.	19.8	19.7	19.9	19.6	21.0	22.8	.	19.9	20.4
R07-1545	.	.	19.8	20.3	19.7	21.0	20.9	23.1	.	21.2	20.8
R07-191	.	.	18.2	18.2	18.9	18.5	18.9	20.2	.	19.6	18.9
R07-470	.	.	20.0	18.8	20.5	18.8	19.4	22.3	.	20.1	20.0
S07-14472	.	.	19.6	19.3	18.9	19.1	20.1	21.6	.	19.5	19.7
S08-17357	.	.	19.8	20.1	20.0	20.8	20.9	22.1	.	20.4	20.6
S08-17361	.	.	20.3	21.0	19.8	20.5	21.1	22.4	.	20.9	20.8
S08-4628	.	.	20.9	19.9	20.2	20.7	20.9	23.9	.	20.1	20.9
S08-6168	.	.	21.9	21.5	21.9	22.3	21.8	24.0	.	23.0	22.3
S08-8113	.	.	21.3	20.6	21.1	20.9	21.9	23.1	.	21.6	21.5
TN07-621	.	.	20.6	19.5	19.0	18.4	19.6	21.5	.	19.4	19.7
TN07-700	.	.	19.7	19.6	19.9	19.1	21.3	22.7	.	19.2	20.2
TN-ExW2-051	.	.	21.5	20.2	19.7	19.5	19.7	22.9	.	19.4	20.4
TN-ExW2-111	.	.	19.2	20.4	20.3	20.3	20.4	22.5	.	19.9	20.4
TN-ExW2-141	.	.	19.4	19.8	19.9	18.7	19.5	22.3	.	19.0	19.8
UA 4910	.	.	20.3	19.9	20.2	20.3	20.4	23.5	.	20.3	20.7
V06-0168	.	.	19.7	19.5	19.4	19.5	19.5	22.9	.	19.0	19.9
V06-10038	.	.	21.1	19.9	20.3	20.8	20.5	21.6	.	19.1	20.5
V06-8015	.	.	19.6	20.0	20.6	20.4	20.0	21.6	.	21.0	20.5
V06-9723	.	.	19.9	20.2	20.5	20.9	20.4	23.9	.	20.3	20.9
Mean	.	.	20.2	19.9	20.2	20.1	20.6	22.2	.	20.2	.

TABLE 27 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2010

STRAIN/ VARIETY	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
5002T	.	.	41.1	38.2	38.6	41.0	38.4	35.6	.	36.7	38.5
DK 4866	.	.	41.5	38.2	39.1	40.9	38.7	34.3	.	36.5	38.5
AG 4403	.	.	39.6	37.7	37.2	40.4	37.5	34.1	.	36.5	37.6
AG 4907	.	.	41.7	40.0	39.7	40.0	39.1	33.4	.	37.8	38.8
AG 4903	.	.	42.1	38.6	39.9	40.9	39.5	35.1	.	38.2	39.2
DS126-2	.	.	44.3	40.7	43.6	44.8	38.9	39.3	.	39.5	41.6
K08-6050	.	.	38.7	41.5	38.2	40.5	37.4	34.9	.	34.9	38.0
LS07-3843	.	.	41.3	38.6	39.7	41.5	39.4	35.7	.	36.1	38.9
LS07-3935	.	.	40.5	39.0	41.0	40.6	39.1	38.4	.	35.5	39.2
LS07-4020	.	.	40.7	39.1	40.0	40.7	39.2	38.1	.	37.2	39.3
LS07-4035	.	.	41.0	39.8	40.3	40.1	38.4	36.1	.	35.5	38.8
LS07-4536	.	.	40.2	39.7	38.9	40.2	38.0	36.9	.	36.9	38.7
Md 0708WN 109	.	.	41.9	40.2	40.7	42.2	39.6	38.3	.	38.6	40.2
Md 0708WN 157	.	.	42.6	40.7	41.1	43.3	39.4	34.9	.	37.7	40.0
Md 0708WN 8	.	.	40.2	38.6	37.8	39.9	38.9	36.0	.	37.0	38.3
R07-10231	.	.	36.9	37.0	37.1	40.3	38.1	32.7	.	36.1	36.9
R07-10263	.	.	38.5	37.3	37.3	39.4	38.5	32.3	.	36.1	37.1
R07-1545	.	.	42.0	39.7	38.3	40.4	37.2	32.7	.	38.0	38.3
R07-191	.	.	41.7	39.7	40.8	41.9	40.2	36.9	.	39.2	40.1
R07-470	.	.	41.3	40.2	40.3	43.2	40.8	35.9	.	38.6	40.0
S07-14472	.	.	42.3	39.5	40.9	41.6	38.6	33.6	.	37.8	39.2
S08-17357	.	.	41.3	38.7	39.3	41.4	38.6	35.3	.	35.7	38.6
S08-17361	.	.	40.6	37.7	38.5	39.2	38.1	35.1	.	36.9	38.0
S08-4628	.	.	39.0	37.5	38.6	40.6	38.8	33.3	.	36.5	37.8
S08-6168	.	.	39.5	38.1	36.2	38.7	36.0	32.0	.	34.1	36.4
S08-8113	.	.	39.9	38.2	37.8	40.4	37.8	34.4	.	36.2	37.8
TN07-621	.	.	39.8	36.3	40.0	41.3	38.9	34.8	.	36.1	38.2
TN07-700	.	.	39.6	36.5	38.9	40.2	38.3	33.4	.	36.2	37.6
TN-ExW2-051	.	.	41.7	39.9	41.5	43.0	41.3	35.7	.	40.0	40.5
TN-ExW2-111	.	.	42.2	37.7	39.7	41.7	39.3	34.9	.	39.0	39.2
TN-ExW2-141	.	.	42.9	38.5	40.3	43.3	40.1	36.3	.	40.8	40.3
UA 4910	.	.	41.9	38.8	38.6	40.5	39.7	32.2	.	36.9	38.4
V06-0168	.	.	42.6	37.5	40.5	40.8	39.4	34.5	.	39.6	39.3
V06-10038	.	.	40.2	36.6	38.0	40.8	37.7	34.4	.	38.1	38.0
V06-8015	.	.	42.1	38.0	39.5	40.8	38.8	37.3	.	36.5	39.0
V06-9723	.	.	42.1	39.1	39.8	41.7	37.6	32.0	.	38.7	38.7
Mean	.	.	41.0	38.7	39.4	41.1	38.8	35.0	.	37.3	.

TABLE 28 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2010

STRAIN/ VARIETY	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
5002T	16.7	14.7	16.6	16.0	13.7	15.6	14.7	.	13.5	11.0	14.7
DK 4866	15.8	13.9	18.9	15.6	12.5	16.8	14.3	.	12.8	10.9	14.6
AG 4403	15.1	14.2	14.5	14.1	12.1	15.4	13.5	.	10.1	11.3	13.4
AG 4907	16.0	14.0	17.7	14.3	12.5	14.9	13.9	.	11.8	13.8	14.3
AG 4903	19.4	15.8	20.0	16.9	12.6	15.9	12.2	.	13.2	12.6	15.4
DS126-2	12.2	12.9	13.0	11.4	9.5	11.6	12.2	.	11.0	12.3	11.8
K08-6050	18.0	15.1	18.5	16.9	14.8	15.6	15.3	.	12.4	12.6	15.5
LS07-3843	16.8	15.0	16.8	15.3	13.1	15.7	13.4	.	11.5	10.6	14.2
LS07-3935	15.9	14.2	16.4	16.2	13.2	15.2	14.8	.	10.7	12.3	14.3
LS07-4020	16.2	14.1	16.3	14.3	12.9	14.9	12.1	.	11.8	12.3	13.9
LS07-4035	17.4	13.6	17.0	15.2	12.5	14.8	12.7	.	11.0	11.8	14.0
LS07-4536	16.4	13.6	17.1	16.2	13.4	15.1	12.7	.	12.1	12.6	14.3
Md 0708WN 109	17.3	16.6	18.0	15.8	13.7	15.1	14.0	.	13.1	13.6	15.2
Md 0708WN 157	18.7	14.8	18.3	16.0	13.7	15.7	13.0	.	11.8	10.6	14.7
Md 0708WN 8	16.6	14.0	16.9	14.9	13.2	14.8	12.6	.	12.3	11.6	14.1
R07-10231	14.6	12.9	15.5	12.8	11.9	13.5	11.6	.	12.7	14.3	13.3
R07-10263	14.5	12.5	15.1	13.2	11.9	12.7	11.3	.	12.8	12.5	12.9
R07-1545	17.8	14.5	17.7	15.9	12.8	16.6	12.5	.	13.2	13.3	14.9
R07-191	16.7	14.0	17.5	13.9	13.1	14.1	11.1	.	11.7	11.5	13.7
R07-470	14.8	13.3	15.7	12.8	11.4	13.3	10.5	.	11.7	11.6	12.8
S07-14472	18.3	15.1	19.3	17.7	14.9	16.9	13.4	.	15.0	11.5	15.8
S08-17357	19.3	16.1	20.5	17.8	15.1	18.5	14.4	.	14.5	10.9	16.3
S08-17361	18.5	16.2	19.4	17.0	13.5	17.2	13.6	.	14.8	10.5	15.6
S08-4628	14.1	13.3	14.7	13.7	11.4	13.0	15.7	.	11.2	12.0	13.2
S08-6168	15.2	11.8	15.4	12.6	10.0	11.2	10.7	.	10.2	11.3	12.0
S08-8113	17.6	14.5	17.6	16.7	13.7	16.4	14.8	.	12.4	11.6	15.0
TN07-621	15.3	13.2	15.9	13.6	11.5	12.6	11.7	.	12.0	12.4	13.1
TN07-700	16.1	15.6	16.8	16.0	13.4	15.6	13.2	.	13.9	11.8	14.7
TN-ExW2-051	14.5	12.4	14.6	13.0	11.6	14.0	11.3	.	12.2	11.7	12.8
TN-ExW2-111	15.6	13.0	15.2	13.5	11.7	12.4	11.1	.	12.7	12.7	13.1
TN-ExW2-141	16.3	13.1	15.9	13.7	11.3	12.3	12.3	.	13.5	12.3	13.4
UA 4910	18.1	13.6	17.8	13.5	12.5	13.7	11.8	.	12.3	10.9	13.8
V06-0168	16.9	12.1	18.0	12.5	10.3	11.4	10.4	.	10.4	11.0	12.5
V06-10038	16.3	13.9	16.1	13.1	12.0	12.5	11.0	.	10.2	11.2	12.9
V06-8015	17.2	15.3	17.3	16.0	15.3	13.9	14.9	.	12.0	12.5	14.9
V06-9723	15.9	14.1	17.9	16.6	12.8	15.3	11.6	.	12.0	12.2	14.2
Mean	16.4	14.1	16.9	14.9	12.6	14.5	12.8	.	12.2	11.9	.

TABLE 29 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP IV-S-LATE FOR YEAR 2010

STRAIN/ VARIETY	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
5002T	.	10/2	.	9/24	10/4	10/16	9/9	9/21	9/30	9/26	9/28
DK 4866	.	0	.	2	2	0	-5	-3	-3	-1	-1
AG 4403	.	-9	.	-4	-8	-3	-14	-11	-9	0	-7
AG 4907	.	-3	.	3	4	1	0	0	-4	4	1
AG 4903	.	4	.	3	3	-1	0	1	-1	0	1
DS126-2	.	-5	.	-1	13	-2	-13	-12	1	2	-2
K08-6050	.	-3	.	12	2	0	-3	1	-3	2	1
LS07-3843	.	-1	.	1	-1	1	-3	-5	-7	4	-1
LS07-3935	.	-8	.	-2	-5	-3	-3	-12	-12	2	-5
LS07-4020	.	-5	.	0	-1	0	-3	-5	-5	4	-2
LS07-4035	.	-4	.	3	-1	-1	-10	-5	-6	0	-3
LS07-4536	.	-6	.	-1	-2	0	-10	-6	-5	-1	-4
Md 0708WN 109	.	-1	.	1	0	0	-10	0	-3	0	-2
Md 0708WN 157	.	0	.	4	2	0	-3	-1	-7	0	-1
Md 0708WN 8	.	-6	.	1	-3	-2	-10	-5	-3	0	-3
R07-10231	.	0	.	-1	-1	-1	-3	-1	3	2	0
R07-10263	.	1	.	0	1	-1	0	-1	5	0	0
R07-1545	.	1	.	2	4	1	0	0	0	0	1
R07-191	.	0	.	3	3	1	1	0	3	5	2
R07-470	.	-2	.	7	1	2	2	0	1	5	2
S07-14472	.	-18	.	3	3	2	0	-6	-3	-3	-3
S08-17357	.	0	.	0	4	2	0	1	4	0	1
S08-17361	.	3	.	6	7	3	3	3	7	1	4
S08-4628	.	-2	.	1	0	2	0	-1	-3	-2	-1
S08-6168	.	-6	.	1	0	0	-1	-5	-3	-2	-2
S08-8113	.	-7	.	4	-4	2	-10	-7	-1	-1	-3
TN07-621	.	-1	.	12	3	-4	2	5	4	-2	2
TN07-700	.	1	.	2	1	0	2	1	2	6	2
TN-ExW2-051	.	0	.	10	5	2	3	3	5	3	4
TN-ExW2-111	.	-1	.	8	4	2	3	3	3	3	3
TN-ExW2-141	.	0	.	12	5	2	4	7	7	1	5
UA 4910	.	-2	.	2	2	2	0	0	2	1	1
V06-0168	.	-2	.	5	1	1	-10	1	2	1	0
V06-10038	.	-7	.	-5	-5	-5	-10	-5	-8	1	-5
V06-8015	.	0	.	7	6	0	1	3	4	-3	2
V06-9723	.	-4	.	1	-3	1	-1	-3	-9	1	-2
Mean	.	-2	.	3	1	0	-3	-2	-1	1	.

TABLE 30 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2010

STRAIN/ VARIETY	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
5002T	27	12	30	28	26	33	20	24	35	23	26
DK 4866	23	22	28	42	39	48	33	33	45	22	34
AG 4403	24	29	30	42	39	49	33	35	40	22	34
AG 4907	30	25	31	44	41	48	32	35	43	25	35
AG 4903	26	29	26	42	38	45	26	33	38	19	32
DS126-2	30	43	31	38	45	47	39	42	49	22	39
K08-6050	24	10	31	28	26	34	21	21	29	21	24
LS07-3843	29	13	27	29	26	39	21	23	32	22	26
LS07-3935	31	10	28	25	24	36	18	22	29	32	26
LS07-4020	26	11	28	32	30	39	18	26	40	20	27
LS07-4035	26	11	30	28	27	38	22	21	33	18	25
LS07-4536	28	12	30	34	29	37	27	24	32	20	27
Md 0708WN 109	23	6	26	24	24	32	19	25	31	24	23
Md 0708WN 157	23	32	29	46	40	44	41	37	41	22	36
Md 0708WN 8	20	8	24	25	22	30	19	21	30	23	22
R07-10231	27	15	26	33	27	39	18	18	37	26	27
R07-10263	27	13	28	32	31	34	20	21	38	21	27
R07-1545	25	31	34	48	42	51	29	35	44	22	36
R07-191	26	15	32	34	32	35	23	30	37	27	29
R07-470	28	13	31	38	30	40	26	32	39	29	31
S07-14472	23	25	27	46	40	46	34	38	41	23	34
S08-17357	31	28	34	47	42	52	33	40	51	22	38
S08-17361	27	32	29	41	41	45	36	39	44	22	35
S08-4628	26	40	33	49	48	52	55	44	44	18	41
S08-6168	35	30	34	45	44	49	37	39	49	21	38
S08-8113	30	27	34	45	45	50	34	39	45	23	37
TN07-621	22	11	24	27	24	34	17	21	30	22	23
TN07-700	25	12	28	28	25	31	18	18	34	25	24
TN-ExW2-051	22	12	26	28	32	33	23	27	32	19	25
TN-ExW2-111	26	13	27	29	33	38	23	25	37	24	27
TN-ExW2-141	23	13	26	26	28	33	23	22	35	21	25
UA 4910	26	29	25	41	38	42	28	32	38	24	32
V06-0168	21	10	29	32	28	33	21	24	36	24	26
V06-10038	25	11	25	26	25	34	18	20	33	26	24
V06-8015	30	11	32	31	30	37	24	26	40	26	29
V06-9723	27	32	26	47	39	45	39	40	43	22	36
Mean	26	19	29	36	33	40	27	29	38	23	.

TABLE 31 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2010

STRAIN/ VARIETY	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
5002T	1.0	1.0	1.5	1.1	1.0	1.8	2.0	1.7	1.0	1.3	1.3
DK 4866	1.0	1.0	1.0	1.4	1.5	2.3	2.0	2.7	2.0	1.1	1.6
AG 4403	1.0	1.0	1.0	1.4	1.5	2.8	2.0	1.7	1.0	1.0	1.4
AG 4907	1.0	1.0	1.0	1.4	2.0	2.3	2.0	2.2	1.5	1.1	1.5
AG 4903	1.0	1.5	1.0	1.5	3.0	1.8	2.0	2.7	1.0	1.1	1.7
DS126-2	2.0	2.0	3.0	5.0	3.0	5.0	3.0	3.7	3.5	1.1	3.1
K08-6050	2.0	1.0	1.0	1.0	1.0	1.3	2.0	2.0	1.0	1.2	1.3
LS07-3843	1.0	1.0	1.0	1.0	1.0	1.5	2.0	2.0	1.0	1.1	1.3
LS07-3935	1.0	1.0	1.0	1.0	1.0	1.5	2.0	1.7	1.0	1.1	1.2
LS07-4020	1.0	1.0	1.0	1.1	1.0	2.3	2.0	2.0	1.0	1.1	1.3
LS07-4035	1.0	1.0	1.0	1.1	1.0	2.5	2.0	2.0	1.0	1.2	1.4
LS07-4536	1.0	1.0	1.5	1.1	1.0	1.3	2.0	2.0	1.0	1.2	1.3
Md 0708WN 109	1.0	1.0	1.0	1.0	1.0	1.5	2.0	2.2	1.0	1.4	1.3
Md 0708WN 157	1.5	1.5	1.0	1.5	1.0	1.5	3.0	1.7	1.0	1.1	1.5
Md 0708WN 8	1.0	1.0	1.0	1.0	1.0	1.3	2.0	1.5	1.0	1.1	1.2
R07-10231	1.5	1.0	2.0	1.1	1.0	4.5	2.0	1.5	1.5	1.2	1.7
R07-10263	1.5	1.0	1.5	1.4	1.0	4.3	2.0	1.5	1.0	1.1	1.6
R07-1545	1.0	1.0	1.0	1.4	1.0	2.5	2.0	2.2	1.0	1.3	1.4
R07-191	1.5	1.0	1.0	1.4	1.0	2.3	2.0	2.5	1.5	1.1	1.5
R07-470	1.0	1.0	1.0	1.1	1.0	1.0	2.0	1.7	1.0	1.1	1.2
S07-14472	1.5	1.0	1.5	2.9	3.0	4.0	3.0	3.0	2.0	1.1	2.3
S08-17357	1.5	2.0	1.0	1.9	3.0	3.5	3.0	3.5	2.5	1.2	2.3
S08-17361	1.0	1.5	1.0	1.7	3.0	1.5	3.0	2.7	1.5	1.0	1.8
S08-4628	1.0	2.0	1.0	2.1	3.5	4.0	3.0	3.2	2.0	1.1	2.3
S08-6168	1.0	1.5	1.0	2.0	2.5	1.8	3.0	2.2	1.5	1.1	1.8
S08-8113	1.0	1.0	1.0	2.8	2.0	1.5	3.0	2.7	1.5	1.2	1.8
TN07-621	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.5	1.0	1.2	1.3
TN07-700	1.0	1.0	1.5	1.0	1.0	1.8	2.0	2.0	1.0	1.1	1.3
TN-ExW2-051	1.0	1.0	1.0	1.1	1.0	2.8	2.0	2.2	1.0	1.1	1.4
TN-ExW2-111	1.0	1.0	1.0	1.2	1.0	1.5	2.0	1.7	1.0	1.2	1.3
TN-ExW2-141	1.0	1.0	1.0	1.0	1.0	1.5	2.0	2.0	1.0	1.1	1.3
UA 4910	1.0	1.0	1.0	1.4	2.0	1.0	2.0	2.0	2.5	1.2	1.5
V06-0168	1.0	1.0	1.0	1.2	1.0	1.5	2.0	1.5	1.0	1.2	1.2
V06-10038	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.5	1.0	1.0	1.2
V06-8015	1.5	1.0	1.0	1.0	1.0	1.0	2.0	1.7	1.0	1.1	1.2
V06-9723	1.0	1.5	1.0	3.3	3.5	2.8	3.0	2.5	2.0	1.1	2.2
Mean	1.2	1.2	1.2	1.5	1.6	2.1	2.3	2.2	1.3	1.1	.

TABLE 32 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP IV-S-LATE FOR YEAR 2010

STRAIN/ VARIETY	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Ullin, IL	Warsaw, VA	Test Mean
5002T	2.0	1.0	2.0	3.5	2.5	1.0	2.0	.	1.0	1.7	1.9
DK 4866	2.0	1.0	2.0	3.0	3.0	1.0	3.0	.	1.5	2.0	2.0
AG 4403	2.0	2.0	2.0	3.8	2.5	1.5	2.0	.	1.0	2.1	2.1
AG 4907	2.0	2.0	2.0	3.5	3.0	1.0	2.0	.	1.0	2.5	2.1
AG 4903	2.0	1.5	2.0	3.3	3.0	1.0	3.0	.	1.0	2.3	2.1
DS126-2	2.0	1.5	1.0	4.0	3.0	2.3	2.0	.	1.5	2.4	2.2
K08-6050	2.0	1.5	2.0	3.5	2.5	1.2	3.0	.	1.0	2.3	2.1
LS07-3843	2.0	2.0	3.0	3.8	3.0	1.5	3.0	.	1.0	1.9	2.3
LS07-3935	2.0	2.5	2.0	3.8	2.5	1.2	3.0	.	1.5	2.1	2.3
LS07-4020	2.0	2.0	2.0	4.5	2.0	1.0	2.0	.	1.0	1.7	2.0
LS07-4035	2.0	2.0	3.0	4.0	2.0	1.0	2.0	.	1.5	2.1	2.2
LS07-4536	2.0	1.5	2.0	4.0	2.5	1.2	2.0	.	1.0	2.1	2.0
Md 0708WN 109	2.0	2.0	2.0	3.5	2.5	1.0	2.0	.	1.0	2.9	2.1
Md 0708WN 157	2.0	2.0	2.0	3.3	2.5	1.0	3.0	.	1.5	1.9	2.1
Md 0708WN 8	2.0	2.0	2.0	3.3	2.0	1.0	2.0	.	1.0	1.8	1.9
R07-10231	3.0	1.0	2.0	3.5	2.5	1.0	2.0	.	1.0	2.1	2.0
R07-10263	2.0	1.0	2.0	3.3	2.0	1.0	2.0	.	1.5	2.3	1.9
R07-1545	2.0	1.5	2.0	3.5	3.0	1.0	2.0	.	1.0	1.7	2.0
R07-191	2.0	1.0	2.0	3.0	2.5	1.0	2.0	.	1.0	1.8	1.8
R07-470	2.0	1.0	2.0	3.0	2.0	1.0	2.0	.	1.0	2.1	1.8
S07-14472	2.0	1.0	2.0	3.3	2.5	1.2	2.0	.	2.0	2.3	2.0
S08-17357	2.0	2.0	2.0	3.0	2.5	1.2	2.0	.	1.0	1.9	2.0
S08-17361	2.0	1.5	2.0	3.5	2.5	1.0	2.0	.	1.5	1.8	2.0
S08-4628	2.0	1.5	2.0	3.3	2.0	1.2	3.0	.	1.5	2.4	2.1
S08-6168	1.0	1.0	2.0	3.5	2.5	1.2	2.0	.	1.0	2.3	1.8
S08-8113	2.0	2.0	2.0	3.8	2.0	1.0	2.0	.	1.5	2.3	2.1
TN07-621	2.0	1.0	2.0	3.5	2.0	1.0	2.0	.	1.0	1.9	1.8
TN07-700	2.0	1.0	3.0	3.3	3.0	1.0	2.0	.	2.0	2.2	2.2
TN-ExW2-051	2.0	1.5	2.0	3.5	2.5	1.2	2.0	.	1.0	2.0	2.0
TN-ExW2-111	2.0	1.5	2.0	3.3	2.0	1.0	2.0	.	1.5	2.4	2.0
TN-ExW2-141	1.0	1.0	2.0	3.8	2.5	1.2	2.0	.	1.0	2.1	1.8
UA 4910	2.0	1.0	2.0	3.5	2.0	1.2	2.0	.	1.0	1.7	1.8
V06-0168	2.0	1.0	2.0	5.0	2.5	1.5	2.0	.	1.0	2.2	2.1
V06-10038	2.0	2.0	2.0	4.5	2.0	1.0	2.0	.	1.5	2.3	2.2
V06-8015	3.0	2.0	2.0	4.0	2.5	1.0	3.0	.	1.0	1.9	2.2
V06-9723	2.0	1.5	2.0	3.0	2.5	1.3	2.0	.	1.0	2.3	1.9
Mean	2.0	1.5	2.1	3.6	2.4	1.2	2.2	.	1.2	2.1	.

TABLE 33 - PARENTAGE OF STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	AG 5606	Commercial check		
2	5601T	HUTCHESON x TN89-39		
3	5002T	Holladay X Manokin		
4	OSAGE	Hartz 5545 x KS4895		
5	JTN-5503	Fowler x Manokin	F12	SCN
6	DB04-10836	DT99-16788 X J00-2 (MANOKIN X FOWLER)		
7	DB06-2257	S99-2281 X LN97-15076		
8	DB06-3442	DT98-9102 X PARKER I		
9	JTN-5107	S97-1753 x S96-2641-2-LOAM02	F12	SCN
10	N02-417	SC91-2007 x Holladay	F5	High Oil
11	N02-7002	Cook x Anand	F4	mod. Race 2 SCN resist
12	N06-7124	N98-7265 x N98-7288	F4	Slow Wilt
13	NCC04-1555	Md97-5905 x N98-274	F4:11	
14	NCC05-1323	TN97-167xS99-2281	F4:10	
	NCC05-4512R	TN96-68x[TN96-58xN94-550RR, BC3F1(106-2)]F2	F4:10	
15	NCC05-7649R	N99-244x[N98-74xN94-550RR, BC3F1(106-3)]F2	F4:10	
16	NCC06-2188	TN96-58xV96-0340	F4:9	
17	NCC06-579	TN96-58xDT99-16864	F4:9	
18	R03-1187	Ozark x Anand	F5	
19	R04-357	R97-1650 x 98601	F5	
20	R04-572	MD 4900 x Ozark	F5	
21	R05-235	P9594 x Ozark	F5	
22	R06-4433	Lonoke x P9594	F5	
23	S05-11482	S99-2281 X S00-9985-03	F5	
24	S06-4649	JTN 5503(WT) X DP5634(WT)	F5	
25	S07-2680	S99-2281 X S02-6143	F5	
26	TN04-089	5601T x TN99-368	F5	
27	TN04-124	5601T x S94-1867	F5	
28	TN04-5321	Prolina x TN93-99	F6	
29	TN05-5018	5601T x 5002T	F5	
30	TN06-181	5601T x S97-1688	F7	
31	V03-3650	V92-0254 X Md94-5341	F4	
32	V04-3471	V92-0254 X [(H(5) X N565) X (H(3) X N94-	F4	

**TABLE 34 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN UNIFORM TEST V FOR YEAR 2010**

STRAIN/ VARIETY	RANK	AVERAGE		YIELD‡			PROTEIN			OIL		
		RANK	2010	09-10	08-10	2010	09-10	08-10	2010	09-10	08-10	
AG 5606	11	15	44.3	.	.	38.4	.	.	20.5	.	.	
5601T	20	20	42.9	49.2	49.7	39.9	40.7	41.0	20.6	20.2	20.4	
5002T	5	13	44.9	48.0	49.8	38.5	39.4	39.6	20.9	20.6	20.7	
OSAGE	26	19	42.1	48.7	49.8	40.6	41.1	41.4	19.5	19.6	19.7	
JTN-5503	23	19	42.6	49.0	49.7	39.3	39.4	39.7	19.7	19.5	19.8	
DB04-10836	3	14	45.8	51.7	.	38.6	39.6	.	19.2	19.3	.	
DB06-2257	10	15	44.4	.	.	38.4	.	.	20.6	.	.	
DB06-3442	29	22	41.4	.	.	37.9	.	.	21.0	.	.	
JTN-5107	21	20	42.8	47.7	48.7	39.3	39.8	40.2	20.6	20.4	20.6	
N02-417	14	17	43.5	48.7	.	37.3	38.0	.	21.5	21.4	.	
N02-7002	6	15	44.9	50.0	50.9	38.9	39.7	40.0	19.4	19.5	19.6	
N06-7124	35	30	36.5	.	.	38.3	.	.	21.4	.	.	
NCC04-1555	32	20	40.8	48.4	49.1	37.7	38.5	38.8	21.5	21.0	21.0	
NCC05-1323	19	17	43.1	48.9	.	37.6	38.4	.	20.1	20.1	.	
NCC05-4512R	9	15	44.7	49.3	.	38.9	39.6	.	20.7	20.3	.	
NCC05-7649R	31	22	41.1	47.3	.	40.4	40.5	.	21.6	21.3	.	
NCC06-2188	27	21	42.1	.	.	40.1	.	.	20.8	.	.	
NCC06-579	8	14	44.7	.	.	39.6	.	.	19.3	.	.	
R03-1187	15	17	43.3	.	.	38.0	.	.	20.6	.	.	
R04-357	2	10	46.8	52.2	52.8	39.1	39.7	40.1	20.3	20.1	20.2	
R04-572	17	17	43.2	50.6	.	38.5	39.2	.	20.7	20.8	.	
R05-235	13	16	43.7	51.1	.	38.3	39.4	.	20.8	20.8	.	
R06-4433	7	12	44.9	.	.	39.2	.	.	20.1	.	.	
S05-11482	1	12	47.1	51.5	.	38.3	39.3	.	20.1	20.1	.	
S06-4649	22	20	42.7	.	.	38.0	.	.	19.5	.	.	
S07-2680	4	12	45.8	.	.	39.3	.	.	20.5	.	.	
TN04-089	18	18	43.2	48.9	.	39.9	40.5	.	20.7	20.4	.	
TN04-124	33	25	39.5	46.6	.	39.6	40.3	.	21.0	20.6	.	
TN04-5321	34	27	38.3	44.5	.	41.4	41.9	.	19.8	19.9	.	
TN05-5018	12	14	44.2	.	.	39.0	.	.	21.7	.	.	
TN06-181	25	20	42.2	.	.	39.6	.	.	20.5	.	.	
V03-3650	28	22	41.9	47.7	48.8	39.4	39.7	39.9	20.4	20.7	20.8	
V04-3471	30	23	41.4	47.5	.	39.1	39.8	.	21.5	21.4	.	
V05-2326	24	21	42.2	.	.	38.9	.	.	20.9	.	.	
V05-2592	16	18	43.2	.	.	39.0	.	.	21.1	.	.	
Mean	.	.	43.0	.	.	39.0	.	.	20.5	.	.	
LSD(0.05)	.	.	3.1	.	.	0.8	.	.	0.9	.	.	
CV(%)	.	.	13.0	.	.	2.4	.	.	5.1	.	.	

‡Data not included in mean: 2010 – Calhoun, GA; Knoxville, TN; Springfield, TN
2009 – Rohwer, AR (only yield was omitted)
2008 – Bossier City, LA; Queenstown, MD; Springfield, TN;
Warsaw, VA

TABLE 35 - GENERAL SUMMARY OF BOTANICAL TRAITS FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2010

STRAIN/ VARIETY	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SEED SIZE	FL. COLOR	PUB. COLOR	POD COLOR
AG 5606	0	1.6	32	2.1	14.3	W	T	T
5601T	1	1.6	30	2.0	13.4	W	G	T
5002T	-4	1.5	26	2.2	14.6	W	T	T
OSAGE	-2	1.5	26	1.9	12.9	P	G	T
JTN-5503	1	1.6	28	1.9	13.6	W	T	T
DB04-10836	-1	1.6	32	1.8	12.7	P	T	T
DB06-2257	-2	1.6	29	2.0	13.9	P	T	T
DB06-3442	-6	1.6	30	2.2	15.0	W	G	T
JTN-5107	0	1.5	29	2.0	13.1	W	G	T
N02-417	3	1.6	27	2.1	15.0	P	G	T
N02-7002	-2	1.5	28	2.0	13.6	P	T	T
N06-7124	5	1.6	33	1.9	13.8	W	G	T
NCC04-1555	2	1.5	27	1.9	11.5	P	T	T
NCC05-1323	-4	1.6	27	1.9	12.6	W	G	T
NCC05-4512R	-3	1.5	26	1.9	13.6	W	G	T
NCC05-7649R	3	1.5	26	1.8	14.1	W	G	T
NCC06-2188	0	1.6	30	2.0	13.8	W	G	T
NCC06-579	4	1.6	31	1.9	13.1	P	G	T
R03-1187	-3	1.6	29	2.0	13.5	P	T	T
R04-357	1	1.6	31	2.0	12.5	P	G	T
R04-572	5	1.6	28	2.0	13.4	P	G	T
R05-235	2	1.6	31	2.1	14.4	S	G	T
R06-4433	4	1.6	29	2.0	13.4	W	G	T
S05-11482	-6	1.6	28	2.3	12.8	W	T	T
S06-4649	-4	1.6	34	2.0	11.7	P	T	T
S07-2680	-2	1.6	30	2.1	15.2	W	G	T
TN04-089	-1	1.6	30	2.1	13.3	W	G	T
TN04-124	-4	1.5	30	2.1	13.6	W	T	T
TN04-5321	0	1.6	35	2.0	14.8	W	G	T
TN05-5018	-4	1.5	27	1.9	12.3	W	G	T
TN06-181	-5	1.6	29	2.0	12.3	W	G	T
V03-3650	-2	1.5	28	2.1	13.3	P	G	Br
V04-3471	0	1.6	28	1.9	14.1	W	G	T
V05-2326	0	1.6	29	1.9	12.9	W	G	T
V05-2592	-2	1.6	28	2.2	14.2	W	G	T
Mean	-1	1.6	29	2.0	13.5			
LSD(0.05)	2	0.1	2	0.3	0.6			
CV(%)	464	9.3	10	23.0	6.4			

**TABLE 36 - GENERAL SUMMARY OF PEST REACTION FOR STRAIN/VARIETY
GROWN IN UNIFORM TEST V FOR YEAR 2010**

STRAIN/ VARIETY	SCN HG TYPE	SCN HG TYPE	SCN HG TYPE	PRK	SRK	SMV G1	SC	SC	SDS
	1.2.5.7	7	1.3.5.6.7							GA	GA	REACTION	RATING	SCORE	DX
	Race 2	Race 3	Race 14						
AG 5606	4	1	.	4.5	2.0		R	1	21
5601T	5	5	.	3.5	3.3		R	1	22
5002T	5	5	.	3.3	5.0		R	1	14
OSAGE	5	4	.	3.3	5.0		R	1	16
JTN-5503	1	1	.	3.5	4.3		R	1	24
DB04-10836	4	1	.	4.0	3.5		R	1	33
DB06-2257	5	5	.	3.8	4.8		R	1	2
DB06-3442	5	4	.	3.5	5.0		SS	3	2
JTN-5107	4	2	.	4.0	4.8		R	1	25
N02-417	5	4	.	3.3	5.0		R	1	10
N02-7002	2	4	.	4.5	4.8		R	1	8
N06-7124	5	5	.	4.3	5.0		MS	4	25
NCC04-1555	5	5*	.	4.5	5.0		SS	3	11
NCC05-1323	5	1	.	3.8	1.5		SS	3	19
NCC05-4512R	5	3	.	3.0	5.0		R	1	3
NCC05-7649R	5	4	.	4.5	4.8		R	1	44
NCC06-2188	5	5	.	4.8	5.0		R	1	28
NCC06-579	5	5	.	4.0	5.0		R	1	28
R03-1187	5	4	.	3.8	4.8		R	1	23
R04-357	5	3	.	3.8	4.8		R	1	21
R04-572	5	3	.	3.0	5.0		R	1	15
R05-235	5	5	.	4.5	4.3		S	5	14
R06-4433	5	3	.	4.5	5.0		R	1	21
S05-11482	1	3	.	2.0	1.5		MS	4	25
S06-4649	1	2	.	3.5	1.0		R	1	11
S07-2680	2	1	.	3.8	2.0		R	1	16
TN04-089	5	4	.	4.3	5.0		R	1	19
TN04-124	5	1	.	3.8	1.0		R	1	21
TN04-5321	5	3	.	3.3	4.8		R	1	24
TN05-5018	5	4	.	2.3	3.0		R	1	25
TN06-181	5	5	.	4.3	5.0		MS	4	44
V03-3650	5	4	.	4.0	5.0		R	1	8
V04-3471	5	3	.	4.8	5.0		SS	3	36
V05-2326	4	5	.	3.5	5.0		S	5	18
V05-2592	5	5	.	2.3	4.8		R	1	17

* Less than 3 seed germinated so rating should be used with caution.

TABLE 37 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2010

Delta

STRAIN/ VARIETY	Pine Tree, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
AG 5606	51.3	68.2	55.9	57.9	50.6	56.7
5601T	47.6	68.1	55.5	69.5	43.3	56.8
5002T	44.3	67.5	61.2	75.9	45.5	59.0
OSAGE	47.9	65.4	57.6	61.9	34.7	53.5
JTN-5503	50.7	62.4	49.6	48.6	42.6	50.8
DB04-10836	61.4	71.2	53.9	72.5	46.6	61.1
DB06-2257	59.3	68.0	53.4	60.0	46.1	57.4
DB06-3442	39.3	65.8	55.4	67.7	39.4	53.5
JTN-5107	52.6	62.7	54.1	62.3	43.3	55.1
N02-417	48.4	63.3	53.9	57.2	50.6	54.7
N02-7002	52.7	67.0	52.6	71.8	44.8	57.8
N06-7124	47.8	52.2	37.5	55.3	41.0	46.7
NCC04-1555	47.1	57.0	44.3	54.1	47.7	50.1
NCC05-1323	35.9	72.0	57.5	70.6	35.0	54.2
NCC05-4512R	51.4	65.7	56.9	78.3	44.9	59.5
NCC05-7649R	41.7	57.8	52.5	67.1	42.2	52.2
NCC06-2188	49.7	67.0	51.7	59.3	44.5	54.4
NCC06-579	56.9	65.9	56.3	56.2	51.4	57.3
R03-1187	49.1	65.3	54.5	54.5	47.3	54.1
R04-357	58.5	72.4	57.5	76.0	49.7	62.9
R04-572	51.0	64.3	52.0	65.1	45.8	55.7
R05-235	53.5	67.0	57.5	66.3	48.6	58.6
R06-4433	54.9	67.1	55.3	63.0	48.1	57.7
S05-11482	52.3	72.6	65.2	76.3	39.0	61.1
S06-4649	43.0	74.2	54.2	60.6	39.3	54.3
S07-2680	53.3	69.7	58.1	71.6	45.3	59.6
TN04-089	40.9	69.4	61.1	69.4	41.8	56.8
TN04-124	28.3	60.9	55.4	63.4	30.4	47.9
TN04-5321	51.9	56.1	49.1	49.6	39.6	49.3
TN05-5018	39.1	67.7	61.2	63.6	47.2	55.7
TN06-181	40.4	68.0	58.1	77.5	35.0	55.8
V03-3650	45.3	64.7	57.3	72.4	44.5	56.8
V04-3471	49.7	59.8	50.1	63.3	44.9	53.6
V05-2326	44.4	64.4	50.8	64.9	52.5	55.4
V05-2592	55.5	66.1	55.3	67.5	43.8	57.7
Mean	48.5	65.6	54.6	64.9	43.9	55.5
LSD(0.05)	8.9	5.4	4.4	12.3	5.1	6.8
CV(%)	11.2	5.1	4.9	11.6	6.7	12.1

TABLE 37 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Plymouth, NC(B)	Queenstown, MD	Suffolk, VA	Warsaw, VA	Area Mean
AG 5606	40.3	54.5	62.2	37.7	20.5	42.7
5601T	36.6	53.7	49.1	30.0	22.0	38.2
5002T	40.8	56.7	50.4	32.6	21.5	40.4
OSAGE	37.0	55.4	40.0	39.3	23.1	39.1
JTN-5503	38.9	51.5	54.5	36.1	20.6	40.2
DB04-10836	40.5	51.5	59.5	35.7	21.8	41.5
DB06-2257	42.2	54.1	53.0	32.3	22.4	40.7
DB06-3442	38.8	54.1	54.3	38.2	21.5	41.3
JTN-5107	36.6	51.2	52.5	36.0	21.2	39.4
N02-417	45.7	49.2	37.3	40.6	22.9	39.4
N02-7002	33.6	55.5	62.1	33.8	23.3	41.3
N06-7124	33.5	42.2	28.0	29.8	21.2	31.2
NCC04-1555	43.0	49.4	45.5	36.1	24.1	39.7
NCC05-1323	39.3	56.0	53.1	33.6	29.7	42.3
NCC05-4512R	43.1	54.0	49.9	32.1	24.5	40.7
NCC05-7649R	41.1	48.5	40.9	35.3	27.0	38.7
NCC06-2188	38.1	55.7	47.1	33.3	26.1	40.1
NCC06-579	42.2	52.2	45.3	40.2	27.3	41.5
R03-1187	39.8	59.2	49.8	31.2	27.9	41.6
R04-357	39.1	54.2	50.2	33.7	27.4	40.9
R04-572	41.6	50.3	42.6	39.6	29.6	40.9
R05-235	41.6	53.4	41.5	32.2	28.2	39.5
R06-4433	42.7	54.0	41.6	34.8	29.8	40.8
S05-11482	40.5	55.2	54.1	29.5	28.4	41.4
S06-4649	35.2	53.9	55.0	29.9	25.9	39.8
S07-2680	39.1	56.0	54.8	30.1	26.0	41.0
TN04-089	38.8	53.6	50.8	33.6	26.0	40.5
TN04-124	35.8	49.8	58.4	33.7	23.4	40.0
TN04-5321	38.3	45.8	37.9	28.2	23.5	34.8
TN05-5018	44.0	60.8	51.0	36.6	23.0	43.1
TN06-181	37.5	51.8	45.4	31.2	22.7	37.7
V03-3650	37.6	52.2	37.9	33.9	19.9	36.5
V04-3471	37.9	48.8	38.5	32.2	22.0	36.0
V05-2326	42.8	55.4	38.9	33.1	21.2	38.4
V05-2592	41.0	59.1	39.4	32.6	22.2	39.0
Mean	39.6	53.1	47.8	34.0	24.2	39.7
LSD(0.05)	6.4	5.7	10.1	6.8	3.5	5.2
CV(%)	9.9	6.6	10.4	12.2	8.8	12.9

TABLE 37 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2010

South

STRAIN/ VARIETY	Calhoun, ‡ GA	Jackson, TN	Knoxville, ‡ TN	Princeton, KY	Springfield, ‡ TN	Starkville, MS	Area Mean
AG 5606	43.4	49.4	56.2	26.8	17.3	26.5	34.2
5601T	55.0	51.5	56.6	36.1	18.2	25.1	37.4
5002T	51.4	52.3	46.1	34.4	17.1	31.0	39.2
OSAGE	51.1	38.7	53.1	37.2	16.0	24.3	33.4
JTN-5503	51.9	53.6	61.4	41.8	16.3	22.7	39.4
DB04-10836	46.6	50.1	58.7	30.8	22.4	31.3	37.4
DB06-2257	45.8	51.7	48.7	32.5	15.5	28.3	37.3
DB06-3442	39.6	43.8	51.6	25.5	10.7	23.2	30.8
JTN-5107	49.6	48.8	56.1	33.5	20.7	27.1	36.5
N02-417	43.6	48.8	64.1	39.1	19.1	22.8	36.9
N02-7002	51.1	54.4	51.0	35.3	17.4	20.6	36.8
N06-7124	45.8	38.7	55.7	30.7	18.2	23.8	31.1
NCC04-1555	43.6	40.3	51.6	36.0	16.6	16.8	31.0
NCC05-1323	40.9	46.7	49.5	33.1	14.6	19.9	33.2
NCC05-4512R	53.4	48.1	41.8	36.1	15.3	22.0	35.4
NCC05-7649R	45.7	42.8	52.4	35.0	14.9	19.3	32.4
NCC06-2188	46.6	44.1	54.0	32.6	19.4	20.1	32.2
NCC06-579	44.4	48.8	59.4	31.5	19.5	28.0	36.1
R03-1187	58.1	44.6	52.7	35.2	20.9	24.8	34.9
R04-357	54.4	51.5	51.3	35.2	19.9	28.5	38.4
R04-572	46.9	38.1	57.4	37.5	16.9	25.2	33.6
R05-235	49.8	39.6	53.4	31.7	18.2	26.5	32.6
R06-4433	50.9	46.6	54.4	34.6	17.9	27.5	36.3
S05-11482	55.2	67.8	48.7	29.2	17.6	27.5	40.8
S06-4649	44.7	57.0	31.9	31.7	17.2	23.3	36.9
S07-2680	48.5	58.5	43.0	31.9	19.7	30.3	40.2
TN04-089	42.4	44.9	43.6	39.3	17.5	25.2	36.5
TN04-124	38.8	43.9	34.3	29.8	18.6	25.8	33.2
TN04-5321	32.7	37.9	39.7	31.2	15.3	26.5	31.9
TN05-5018	54.2	50.2	36.9	30.5	14.1	25.2	35.3
TN06-181	35.8	48.6	44.0	34.6	22.3	23.0	35.4
V03-3650	46.5	42.0	43.5	36.2	13.8	20.2	32.8
V04-3471	50.3	46.9	48.6	36.1	19.0	22.8	35.3
V05-2326	46.9	48.6	36.6	29.9	14.2	25.8	34.8
V05-2592	59.2	44.2	51.1	33.4	17.6	25.1	34.3
Mean	47.6	47.5	49.7	33.6	17.4	24.7	35.3
LSD(0.05)	13.8	9.9	16.8	6.5	6.0	5.2	7.3
CV(%)	17.8	12.2	20.8	11.9	21.2	12.8	16.3

‡Data not included in mean.

TABLE 37 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST V FOR YEAR 2010

West

STRAIN/ VARIETY	McCune, KS	Pittsburg, KS	Stillwater, OK	Area Mean
AG 5606	41.0	43.1	24.6	36.2
5601T	40.8	41.9	15.8	32.8
5002T	41.4	46.2	16.9	34.8
OSAGE	39.9	46.3	24.7	37.0
JTN-5503	41.1	49.0	18.0	36.0
DB04-10836	41.0	45.5	21.2	35.9
DB06-2257	40.2	46.1	22.2	36.1
DB06-3442	39.0	43.3	14.4	32.3
JTN-5107	34.4	46.2	22.7	34.5
N02-417	41.3	45.5	28.1	38.3
N02-7002	39.0	46.6	26.5	37.4
N06-7124	32.8	35.3	33.1	33.7
NCC04-1555	41.9	47.2	21.6	36.9
NCC05-1323	41.0	45.6	21.3	36.0
NCC05-4512R	41.3	45.2	21.4	36.0
NCC05-7649R	40.3	42.7	22.4	35.1
NCC06-2188	36.8	42.9	24.9	34.9
NCC06-579	39.2	44.3	29.5	37.7
R03-1187	40.9	45.2	24.2	36.8
R04-357	38.7	47.4	29.1	38.4
R04-572	38.0	44.6	25.2	36.0
R05-235	39.7	44.7	25.6	36.7
R06-4433	41.1	46.7	28.9	38.9
S05-11482	42.8	53.9	21.7	39.4
S06-4649	39.0	45.7	17.5	34.0
S07-2680	40.8	47.7	20.2	36.2
TN04-089	39.6	38.7	16.8	31.7
TN04-124	36.5	40.2	15.8	30.9
TN04-5321	35.3	38.6	23.0	32.3
TN05-5018	45.1	47.1	15.7	36.0
TN06-181	41.5	45.3	13.9	33.6
V03-3650	39.2	43.7	21.7	34.9
V04-3471	37.2	42.9	28.4	36.2
V05-2326	37.7	42.2	21.6	33.8
V05-2592	40.5	42.6	22.4	35.2
Mean	39.6	44.6	22.3	35.5
LSD(0.05)	3.5	4.2	4.4	5.9
CV(%)	5.4	5.7	12.2	11.8

TABLE 38 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Kinston, NC(A)	Knoxville, TN	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Princeton, KY	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	19.8	21.2	21.5	19.8	20.3	20.3	19.5	20.4	20.7	21.8	20.6	20.5
5601T	19.2	19.9	20.2	25.0	20.3	20.4	20.3	19.7	19.7	21.6	20.3	20.6
5002T	20.0	20.4	20.0	25.0	20.7	20.7	20.1	19.0	21.3	22.2	20.2	20.9
OSAGE	18.7	19.8	20.0	19.6	19.5	19.4	19.4	18.3	19.4	20.6	20.3	19.5
JTN-5503	18.7	19.9	19.1	19.4	19.9	20.3	19.7	19.0	20.1	21.0	19.7	19.7
DB04-10836	18.4	19.0	19.5	18.3	18.8	19.3	18.7	18.8	20.3	21.3	19.2	19.2
DB06-2257	20.1	20.5	20.7	21.1	20.6	21.0	19.8	19.9	21.2	22.0	19.9	20.6
DB06-3442	20.2	20.9	21.4	21.2	21.2	20.8	20.7	20.1	21.1	23.0	20.8	21.0
JTN-5107	19.6	20.3	19.7	20.9	21.3	21.4	19.4	20.3	20.7	21.2	21.4	20.6
N02-417	20.5	21.9	21.5	21.0	21.4	22.3	20.9	20.1	21.8	23.0	21.9	21.5
N02-7002	18.2	19.3	18.8	19.9	19.8	20.3	19.2	18.4	19.5	21.4	18.6	19.4
N06-7124	20.6	21.6	21.0	20.8	21.8	21.3	20.7	21.2	21.3	24.0	20.9	21.4
NCC04-1555	25.0	21.4	21.1	20.2	20.9	21.5	20.0	18.8	22.8	23.5	21.0	21.5
NCC05-1323	19.3	19.9	20.0	21.4	19.7	20.0	19.9	19.6	20.0	21.7	19.9	20.1
NCC05-4512R	20.1	20.3	20.1	19.2	20.3	21.1	21.2	19.8	21.3	23.5	21.1	20.7
NCC05-7649R	25.0	20.7	21.6	21.2	21.3	21.0	22.0	19.8	21.4	22.7	20.8	21.6
NCC06-2188	19.5	20.7	20.4	20.9	20.4	25.1	19.9	19.7	19.4	22.2	20.3	20.8
NCC06-579	18.8	19.4	19.0	19.3	19.1	20.1	19.6	17.9	19.2	21.1	19.3	19.3
R03-1187	20.2	20.0	20.5	20.9	20.2	20.7	19.9	19.1	21.6	22.1	21.0	20.6
R04-357	19.8	20.6	19.9	20.1	20.7	20.1	20.5	19.5	19.0	22.5	20.8	20.3
R04-572	20.0	.	20.2	20.7	20.6	20.9	20.4	20.2	20.9	22.2	21.2	20.7
R05-235	19.6	21.9	20.3	20.2	20.7	20.9	19.6	20.8	20.6	23.3	20.7	20.8
R06-4433	19.3	20.4	19.7	19.5	20.0	20.4	20.1	19.1	19.6	22.9	20.0	20.1
S05-11482	20.1	18.6	20.2	19.8	20.1	20.7	19.9	18.4	21.2	22.4	20.3	20.1
S06-4649	18.9	18.7	19.4	18.7	19.9	19.7	18.3	20.0	19.3	21.8	20.0	19.5
S07-2680	20.1	19.7	20.3	21.0	20.8	20.6	20.1	19.3	20.7	22.2	20.2	20.5
TN04-089	19.1	21.3	20.0	20.2	25.1	20.1	19.4	20.1	20.0	21.9	20.2	20.7
TN04-124	19.7	25.0	19.9	25.1	20.0	21.0	19.3	19.8	20.0	21.4	20.2	21.0
TN04-5321	18.9	20.2	19.4	19.7	20.6	19.6	19.2	20.0	18.9	21.8	19.3	19.8
TN05-5018	19.5	21.9	19.7	19.8	20.3	25.1	25.0	19.1	25.1	22.4	20.6	21.7
TN06-181	19.2	20.3	19.8	20.1	19.9	19.9	19.9	19.7	20.2	21.1	25.1	20.5
V03-3650	19.8	20.6	20.2	21.0	20.5	20.6	20.0	19.9	20.2	22.3	19.9	20.4
V04-3471	25.0	21.8	20.8	21.4	21.7	21.3	21.1	19.4	20.9	23.1	20.4	21.5
V05-2326	20.0	25.1	21.1	19.5	20.7	21.3	20.1	19.1	20.6	22.2	20.3	20.9
V05-2592	20.0	20.7	25.1	21.4	20.1	20.4	20.4	19.9	20.7	21.6	21.3	21.1
Mean	20.0	20.7	20.3	20.7	20.5	20.9	20.1	19.5	20.6	22.1	20.5	.

TABLE 39 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Kinston, NC(A)	Knoxville, TN	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Princeton, KY	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	40.2	40.4	40.7	38.5	37.0	38.1	39.7	40.0	38.7	35.1	34.5	38.4
5601T	41.8	41.6	41.3	41.0	37.8	39.2	41.1	42.0	38.9	37.5	36.8	39.9
5002T	40.4	39.1	40.4	37.7	37.6	38.0	39.5	41.5	38.0	35.3	35.6	38.5
OSAGE	41.9	41.0	42.2	41.4	39.1	39.6	41.3	42.7	40.4	39.4	37.8	40.6
JTN-5503	45.1	40.7	41.0	39.3	37.0	37.5	39.4	41.1	37.8	37.6	36.3	39.3
DB04-10836	40.4	39.6	39.9	40.1	36.7	37.4	40.4	41.0	38.4	32.6	38.5	38.6
DB06-2257	39.2	39.3	39.8	38.9	36.3	37.0	40.1	40.5	37.9	35.1	37.8	38.4
DB06-3442	39.1	39.0	39.8	38.1	35.5	37.1	39.2	40.0	38.0	34.3	36.5	37.9
JTN-5107	39.5	39.9	41.8	41.6	37.5	37.5	40.8	41.0	38.6	37.4	36.4	39.3
N02-417	38.7	38.0	39.0	38.3	35.0	35.5	38.4	40.1	36.6	33.9	37.0	37.3
N02-7002	39.8	38.3	40.4	40.5	36.6	38.6	40.3	40.5	39.8	35.5	37.5	38.9
N06-7124	38.8	39.3	40.4	39.6	35.8	37.0	39.8	41.0	38.7	33.5	37.2	38.3
NCC04-1555	39.2	38.4	38.6	37.9	36.6	36.3	39.8	41.4	36.8	34.7	35.4	37.7
NCC05-1323	39.3	39.2	38.5	36.9	35.4	37.4	38.7	39.8	37.7	34.4	36.8	37.6
NCC05-4512R	40.0	39.9	40.9	40.2	37.9	38.2	38.6	41.7	38.6	34.5	37.1	38.9
NCC05-7649R	45.1	40.9	45.0	41.2	37.7	40.0	39.3	41.5	38.4	37.1	38.5	40.4
NCC06-2188	41.3	39.8	41.6	41.4	39.0	40.4	40.8	41.7	39.5	37.8	38.0	40.1
NCC06-579	40.6	41.6	40.8	40.8	37.8	38.2	39.7	42.1	39.3	36.8	37.5	39.6
R03-1187	39.5	39.3	39.0	37.6	36.1	37.4	39.2	40.3	38.1	35.7	35.8	38.0
R04-357	39.8	38.9	41.0	40.4	38.4	38.1	38.6	40.6	39.4	34.6	39.9	39.1
R04-572	39.6	.	39.9	38.9	37.5	37.9	39.4	40.1	37.7	37.0	36.8	38.5
R05-235	40.2	37.3	40.4	39.7	35.9	38.0	39.6	41.4	37.9	34.3	36.3	38.3
R06-4433	40.4	39.5	45.1	40.0	37.1	38.6	39.4	41.4	38.7	33.7	37.1	39.2
S05-11482	39.7	41.0	40.0	37.9	36.5	37.1	39.2	41.2	37.7	34.5	36.7	38.3
S06-4649	39.2	38.7	39.5	39.0	35.4	37.5	40.1	39.9	38.9	33.3	36.0	38.0
S07-2680	39.8	39.9	40.1	39.7	36.3	38.8	39.6	45.0	39.0	37.7	36.6	39.3
TN04-089	41.6	41.0	41.2	41.0	38.5	39.5	41.5	40.5	39.5	38.5	36.3	39.9
TN04-124	41.2	40.1	41.4	41.2	37.5	39.0	40.4	41.5	40.0	37.3	35.9	39.6
TN04-5321	43.1	41.5	43.3	41.8	40.6	40.9	42.4	43.3	41.6	37.4	39.6	41.4
TN05-5018	41.0	38.3	45.1	39.8	37.6	37.7	38.9	40.2	38.4	35.2	36.8	39.0
TN06-181	41.5	40.0	41.4	40.4	38.5	38.6	40.1	41.6	40.4	36.5	36.1	39.6
V03-3650	40.9	39.9	41.6	39.3	37.0	38.2	40.8	40.7	39.0	38.5	37.8	39.4
V04-3471	41.3	38.4	40.7	41.0	38.9	38.0	39.5	40.9	38.8	35.9	36.8	39.1
V05-2326	40.7	40.3	39.7	40.1	37.1	38.2	39.8	41.0	38.5	35.5	37.5	38.9
V05-2592	40.2	40.0	40.3	39.5	38.3	39.4	39.3	40.7	38.6	36.8	35.7	39.0
Mean	40.6	39.7	40.9	39.7	37.2	38.2	39.8	41.1	38.7	35.9	36.9	.

TABLE 40 - SIZE (GRAMS PER 100 SEED) FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Calhoun, GA	Jackson, TN	Kinston, NC(A)	Knoxville, TN	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(A)	Portageville, MO(B)	Princeton, KY	Queenstown, MD	Springfield, TN	Starkville, MS	Stillwater, OK	Stoneville, MS	Stuttgart, AR	Suffolk, VA	Warsaw, VA	Test Mean
AG 5606	11.6	12.9	16.8	14.6	16.9	15.8	15.8	14.4	12.9	12.9	13.3	15.9	.	.	17.2	12.3	.	14.9	11.1	14.3
5601T	12.9	12.9	14.8	14.4	14.7	14.7	14.7	12.9	12.6	12.1	11.7	13.1	.	.	15.4	11.8	.	12.7	12.9	13.4
5002T	14.9	14.6	13.0	14.0	15.7	16.5	15.9	15.4	14.6	13.9	12.9	14.3	.	.	16.0	14.6	.	13.9	12.7	14.6
OSAGE	10.5	11.4	12.5	14.0	14.5	14.2	14.2	12.5	12.5	11.6	11.8	12.3	.	.	14.7	15.0	.	13.0	12.4	12.9
JTN-5503	12.8	13.5	15.4	13.4	15.9	14.1	15.4	14.4	12.8	12.2	11.7	14.1	.	.	14.9	11.9	.	13.6	11.9	13.6
DB04-10836	10.3	11.6	13.5	15.5	15.3	12.9	15.7	11.7	11.1	11.1	11.0	14.3	.	.	14.5	10.6	.	12.2	12.7	12.7
DB06-2257	10.1	12.3	15.7	14.4	16.5	15.6	16.5	13.6	12.7	13.0	12.6	14.9	.	.	16.1	12.9	.	13.4	12.3	13.9
DB06-3442	15.0	13.8	16.4	13.5	17.4	15.3	17.5	15.3	14.1	14.4	12.9	16.5	.	.	16.2	14.1	.	15.3	12.9	15.0
JTN-5107	11.4	11.6	11.9	15.9	14.7	14.5	14.9	13.1	12.6	11.9	11.7	13.2	.	.	14.5	12.9	.	12.6	13.1	13.1
N02-417	12.4	14.9	15.3	15.6	17.9	16.7	17.5	14.1	14.0	13.9	14.6	12.7	.	.	18.7	13.0	.	15.8	12.5	15.0
N02-7002	12.5	12.4	12.7	13.4	16.6	14.8	16.6	14.8	12.7	12.0	11.9	13.8	.	.	15.7	12.1	.	12.8	13.6	13.6
N06-7124	11.8	13.5	15.5	15.0	15.4	14.6	14.8	14.6	13.3	12.2	12.3	11.7	.	.	16.7	13.5	.	14.3	12.4	13.8
NCC04-1555	9.3	12.5	11.4	14.6	12.2	12.0	12.3	11.6	10.7	10.1	9.7	11.0	.	.	13.5	10.9	.	11.3	11.7	11.5
NCC05-1323	11.3	11.8	13.2	13.8	14.1	15.0	14.3	11.4	11.5	11.8	11.2	12.8	.	.	13.7	11.1	.	11.8	12.3	12.6
NCC05-4512R	12.1	13.0	13.3	14.0	16.2	14.4	16.8	13.8	13.7	13.0	12.7	13.9	.	.	14.5	11.5	.	12.9	12.4	13.6
NCC05-7649R	12.4	13.0	15.4	15.1	17.1	14.0	16.8	14.6	13.0	12.7	13.1	13.7	.	.	15.0	11.4	.	15.1	13.1	14.1
NCC06-2188	12.2	13.5	14.0	15.5	15.2	15.3	15.0	13.7	13.5	12.9	12.4	14.4	.	.	16.0	11.9	.	14.3	11.5	13.8
NCC06-579	10.4	12.3	13.7	15.6	15.6	15.6	15.1	12.7	12.8	10.4	12.1	12.4	.	.	14.9	10.7	.	12.9	12.2	13.1
R03-1187	12.5	13.5	14.7	14.9	15.3	15.2	15.6	14.1	12.7	12.4	12.3	13.1	.	.	13.5	11.7	.	13.2	12.2	13.5
R04-357	10.5	11.8	12.9	14.1	14.6	13.9	15.0	11.8	11.1	11.5	11.1	11.8	.	.	14.8	11.7	.	11.5	12.1	12.5
R04-572	11.3	11.6	15.3	15.5	14.8	14.9	14.8	13.9	12.1	12.2	11.4	12.9	.	.	15.1	11.4	.	14.6	12.4	13.4
R05-235	13.5	14.0	14.4	13.6	17.5	16.0	17.5	14.6	14.5	13.9	11.9	14.7	.	.	17.1	12.0	.	14.4	11.0	14.4
R06-4433	11.8	13.5	14.7	14.8	16.1	13.6	15.5	13.4	12.4	12.0	11.6	13.5	.	.	15.5	11.3	.	13.5	11.9	13.4
S05-11482	12.0	11.7	13.7	15.1	13.4	14.6	14.0	13.2	11.5	12.6	11.8	12.4	.	.	13.2	12.4	.	11.6	12.1	12.8
S06-4649	10.3	11.1	11.7	15.8	12.9	11.9	12.8	11.5	11.9	10.3	11.0	11.8	.	.	12.4	10.3	.	11.1	11.0	11.7
S07-2680	14.6	15.2	15.8	16.3	18.9	17.0	18.6	14.7	13.7	13.9	15.0	15.8	.	.	14.9	13.2	.	13.5	11.8	15.2
TN04-089	12.0	12.3	14.5	13.1	15.2	14.4	14.4	13.9	11.5	13.0	12.0	13.8	.	.	15.4	11.4	.	13.1	13.5	13.3
TN04-124	11.8	12.7	12.4	15.9	15.4	14.8	15.5	13.3	12.8	13.4	15.1	15.0	.	.	13.1	12.0	.	13.1	11.2	13.6
TN04-5321	13.2	14.9	14.3	16.5	18.0	15.3	16.5	15.5	13.9	14.0	12.9	15.5	.	.	17.8	12.5	.	14.9	11.6	14.8
TN05-5018	11.9	11.4	12.8	13.8	13.3	13.3	13.6	12.4	11.5	11.1	10.3	12.5	.	.	12.8	11.0	.	12.8	12.6	12.3
TN06-181	10.3	12.2	12.0	13.5	14.0	12.4	13.8	12.3	12.2	11.8	11.4	13.7	.	.	13.2	10.0	.	11.1	13.4	12.3
V03-3650	10.5	12.5	13.6	14.3	14.9	15.2	15.8	13.4	12.4	11.7	11.4	13.1	.	.	15.9	13.3	.	13.2	11.9	13.3
V04-3471	11.6	14.1	12.6	15.6	16.8	17.4	16.6	14.6	13.2	13.0	11.5	13.7	.	.	16.8	11.9	.	14.1	12.3	14.1
V05-2326	10.5	12.6	14.4	14.9	14.8	14.2	14.9	12.2	12.7	11.2	10.6	13.0	.	.	13.4	12.0	.	11.9	12.7	12.9
V05-2592	12.7	13.4	15.4	13.3	17.6	14.8	17.9	14.1	12.4	12.8	12.6	14.9	.	.	15.1	12.3	.	14.4	13.1	14.2
Mean	11.9	12.9	14.0	14.7	15.6	14.7	15.5	13.5	12.7	12.4	12.1	13.6	.	.	15.1	12.1	.	13.3	12.3	.

TABLE 41 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

Delta

STRAIN/ VARIETY	Pine Tree, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
AG 5606	10/7	10/4	10/15	9/19	9/29	10/3
5601T	0	-1	-1	0	-1	-1
5002T	0	-3	-7	-9	-7	-5
OSAGE	-2	-4	-2	-5	-5	-4
JTN-5503	-1	1	0	-3	3	0
DB04-10836	-2	-2	-2	-3	-5	-3
DB06-2257	-2	-2	-2	-6	-3	-3
DB06-3442	-6	-6	-8	-10	-5	-7
JTN-5107	1	-3	-2	1	-1	-1
N02-417	0	3	0	2	7	2
N02-7002	-1	-3	-3	-9	-3	-4
N06-7124	0	11	0	9	-1	4
NCC04-1555	1	0	1	-1	7	1
NCC05-1323	-2	-6	-6	-6	-5	-5
NCC05-4512R	-1	-4	-3	-8	-4	-4
NCC05-7649R	0	-3	1	-2	7	1
NCC06-2188	0	-2	-1	-1	-1	-1
NCC06-579	4	7	2	4	6	5
R03-1187	0	-3	-3	-8	-1	-3
R04-357	0	-1	-1	4	5	1
R04-572	2	5	2	5	6	4
R05-235	1	2	-1	-2	-1	0
R06-4433	2	2	1	6	7	4
S05-11482	-4	-6	-6	-10	-7	-7
S06-4649	-2	-3	-5	-6	-3	-4
S07-2680	-3	-4	-3	3	-7	-3
TN04-089	-1	-3	-1	-7	-1	-3
TN04-124	0	-5	-3	-9	-4	-4
TN04-5321	-1	1	-1	-7	-4	-2
TN05-5018	-1	-1	-3	-8	-7	-4
TN06-181	-3	-5	-3	-9	-6	-5
V03-3650	0	-4	-3	-4	8	-1
V04-3471	0	-3	-2	-3	-3	-2
V05-2326	0	1	-1	2	-1	0
V05-2592	-4	-4	-3	0	-2	-3
Mean	-1	-1	-2	-3	-1	-2

TABLE 41 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Plymouth, NC(B)	Queenstown, MD	Suffolk, VA	Warsaw, VA	Area Mean
AG 5606	10/17	10/7	10/20	10/20	10/6	10/14
5601T	2	0	0	2	6	2
5002T	-6	-7	-6	-11	1	-6
OSAGE	-1	-5	-2	-5	1	-2
JTN-5503	6	1	-2	-5	4	1
DB04-10836	7	-1	1	-2	-6	-1
DB06-2257	1	0	-4	-2	2	-1
DB06-3442	-3	-9	-4	-9	0	-5
JTN-5107	4	-3	0	2	1	1
N02-417	6	-1	-4	2	7	2
N02-7002	-2	-1	-2	-2	4	0
N06-7124	8	3	6	5	2	5
NCC04-1555	3	2	6	2	4	3
NCC05-1323	-5	-10	-4	-7	4	-4
NCC05-4512R	-1	-6	-3	-7	2	-3
NCC05-7649R	7	1	6	5	1	4
NCC06-2188	0	0	-2	0	2	0
NCC06-579	7	2	5	5	0	3
R03-1187	1	-4	-3	-9	1	-3
R04-357	2	-2	-2	0	1	0
R04-572	7	3	4	5	2	4
R05-235	5	0	5	5	1	3
R06-4433	7	1	6	7	2	4
S05-11482	-3	-8	-4	-9	1	-5
S06-4649	-2	-6	-3	-9	0	-4
S07-2680	3	-3	-3	-9	-1	-3
TN04-089	-3	-2	-4	0	3	-1
TN04-124	0	-9	-1	-9	4	-3
TN04-5321	1	-2	2	-2	1	0
TN05-5018	-6	-3	-4	-9	2	-4
TN06-181	-5	-4	-4	-9	-2	-5
V03-3650	-2	-1	-4	-2	2	-1
V04-3471	-5	0	5	0	2	1
V05-2326	7	-3	0	-5	5	1
V05-2592	-2	-6	-2	-2	6	-1
Mean	1	-2	-1	-3	2	-1

TABLE 41 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

South

STRAIN/ VARIETY	Calhoun, GA	Jackson, TN	Knoxville, TN	Springfield, TN	Area Mean
AG 5606	9/16	10/2	10/12	10/3	10/1
5601T	8	0	1	-2	2
5002T	0	0	-7	-1	-2
OSAGE	4	-3	-1	-3	-1
JTN-5503	2	1	1	0	1
DB04-10836	5	-1	1	-1	1
DB06-2257	0	-3	-6	-1	-3
DB06-3442	0	-9	-8	-3	-5
JTN-5107	6	-2	-2	-2	0
N02-417	4	6	6	1	4
N02-7002	0	-3	-1	-2	-2
N06-7124	11	10	7	2	7
NCC04-1555	3	2	1	1	2
NCC05-1323	0	-5	-4	-2	-3
NCC05-4512R	3	-4	-3	-2	-1
NCC05-7649R	10	1	5	-2	4
NCC06-2188	5	0	0	-2	1
NCC06-579	10	5	2	-1	4
R03-1187	2	-2	-4	-1	-1
R04-357	5	6	-1	-2	2
R04-572	8	9	6	0	6
R05-235	8	3	4	-1	3
R06-4433	10	8	4	0	6
S05-11482	0	-7	-11	-2	-5
S06-4649	0	-3	-9	-2	-3
S07-2680	4	-3	-3	-3	-1
TN04-089	3	-2	1	0	1
TN04-124	0	-5	-9	-1	-4
TN04-5321	9	6	0	1	4
TN05-5018	2	-6	-3	-2	-2
TN06-181	0	-5	-6	-2	-3
V03-3650	2	-5	-8	0	-3
V04-3471	6	2	-2	1	2
V05-2326	5	2	-5	-2	0
V05-2592	3	-2	-2	-2	-1
Mean	4	0	-2	-1	0

TABLE 42 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

Delta

STRAIN/ VARIETY	Pine Tree, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
AG 5606	15	34	27	30	31	27
5601T	13	32	29	26	27	25
5002T	11	27	24	24	23	22
OSAGE	14	30	24	20	24	22
JTN-5503	15	29	26	24	27	24
DB04-10836	19	33	30	26	30	28
DB06-2257	16	28	26	20	28	24
DB06-3442	12	29	25	20	25	23
JTN-5107	16	28	27	18	25	23
N02-417	13	27	27	19	30	23
N02-7002	13	26	23	20	26	22
N06-7124	16	31	28	20	34	26
NCC04-1555	15	27	22	20	28	23
NCC05-1323	13	29	23	22	21	22
NCC05-4512R	14	25	21	20	22	20
NCC05-7649R	13	27	23	23	24	22
NCC06-2188	13	29	26	26	31	25
NCC06-579	16	28	31	22	28	25
R03-1187	15	27	26	25	26	24
R04-357	17	33	29	26	35	28
R04-572	14	28	25	20	29	23
R05-235	15	29	28	25	27	25
R06-4433	16	29	27	24	26	25
S05-11482	13	29	24	17	24	22
S06-4649	14	32	29	36	27	28
S07-2680	14	31	27	23	27	24
TN04-089	11	29	27	29	30	25
TN04-124	13	28	24	28	24	24
TN04-5321	22	38	33	42	37	34
TN05-5018	12	26	23	24	23	22
TN06-181	13	27	27	26	26	24
V03-3650	14	31	28	24	25	24
V04-3471	13	32	27	21	28	24
V05-2326	14	29	25	24	25	24
V05-2592	14	30	25	22	28	24
Mean	14	29	26	24	27	.

TABLE 42 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Plymouth, NC(B)	Queenstown, MD	Suffolk, VA	Warsaw, VA	Area Mean
AG 5606	.	39	41	40	19	35
5601T	.	38	35	36	19	32
5002T	.	33	37	27	18	29
OSAGE	.	33	32	32	20	29
JTN-5503	.	35	33	32	20	30
DB04-10836	.	41	38	39	28	37
DB06-2257	.	37	37	37	19	32
DB06-3442	.	39	40	33	21	33
JTN-5107	.	35	40	33	21	32
N02-417	.	34	35	31	20	30
N02-7002	.	36	35	32	23	32
N06-7124	.	40	40	39	20	35
NCC04-1555	.	34	34	32	20	30
NCC05-1323	.	34	37	29	22	30
NCC05-4512R	.	31	35	27	23	29
NCC05-7649R	.	32	32	32	20	29
NCC06-2188	.	39	37	35	21	33
NCC06-579	.	37	37	36	22	33
R03-1187	.	37	35	35	25	33
R04-357	.	35	37	34	21	32
R04-572	.	35	34	34	23	32
R05-235	.	41	38	34	21	33
R06-4433	.	34	36	31	22	31
S05-11482	.	33	39	31	21	31
S06-4649	.	39	45	40	21	36
S07-2680	.	39	35	32	20	32
TN04-089	.	37	36	36	19	32
TN04-124	.	38	40	36	19	33
TN04-5321	.	40	39	38	21	35
TN05-5018	.	35	32	32	21	30
TN06-181	.	39	38	34	19	33
V03-3650	.	38	37	32	16	31
V04-3471	.	36	35	31	20	30
V05-2326	.	37	39	31	20	32
V05-2592	.	34	35	33	20	30
Mean	.	36	37	34	21	.

TABLE 42 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

South

STRAIN/ VARIETY	Calhoun, GA	Jackson, TN	Knoxville, TN	Princeton, KY	Springfield, TN	Starkville, MS	Area Mean
AG 5606	40	39	33	42	25	.	36
5601T	37	34	26	43	24	.	33
5002T	29	27	25	39	22	.	28
OSAGE	35	28	22	36	21	.	28
JTN-5503	36	35	26	37	22	.	31
DB04-10836	41	39	27	43	25	.	35
DB06-2257	38	33	28	35	23	.	31
DB06-3442	36	38	28	41	26	.	34
JTN-5107	37	38	27	41	23	.	33
N02-417	34	30	26	34	20	.	29
N02-7002	37	35	25	40	23	.	32
N06-7124	44	41	32	43	28	.	38
NCC04-1555	32	31	26	38	22	.	30
NCC05-1323	35	33	26	38	24	.	31
NCC05-4512R	36	32	22	39	19	.	30
NCC05-7649R	34	32	25	36	21	.	29
NCC06-2188	39	35	31	42	25	.	34
NCC06-579	42	36	33	41	23	.	35
R03-1187	37	32	25	40	27	.	32
R04-357	36	37	26	40	25	.	33
R04-572	35	34	27	37	23	.	31
R05-235	36	33	30	45	25	.	34
R06-4433	38	33	29	39	25	.	33
S05-11482	34	32	31	39	24	.	32
S06-4649	43	41	33	47	27	.	38
S07-2680	35	38	31	39	28	.	34
TN04-089	33	38	28	39	26	.	33
TN04-124	34	36	28	41	23	.	33
TN04-5321	44	40	31	44	25	.	37
TN05-5018	30	34	25	39	20	.	29
TN06-181	36	35	29	41	23	.	33
V03-3650	35	33	27	36	19	.	30
V04-3471	38	35	27	38	21	.	32
V05-2326	36	36	27	38	22	.	32
V05-2592	35	36	27	37	21	.	31
Mean	36	35	28	40	23	.	.

TABLE 42 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

West

STRAIN/ VARIETY	McCune, KS	Pittsburg, KS	Stillwater, OK	Area Mean
AG 5606	30	38	30	32
5601T	32	35	26	31
5002T	28	31	20	26
OSAGE	26	29	22	25
JTN-5503	29	33	21	28
DB04-10836	31	34	28	31
DB06-2257	28	30	22	26
DB06-3442	28	34	28	30
JTN-5107	26	31	24	27
N02-417	27	31	25	27
N02-7002	30	33	20	28
N06-7124	32	37	31	33
NCC04-1555	23	29	21	24
NCC05-1323	28	32	19	27
NCC05-4512R	28	31	23	27
NCC05-7649R	26	30	18	25
NCC06-2188	30	35	24	30
NCC06-579	33	37	21	31
R03-1187	29	35	23	29
R04-357	31	34	29	31
R04-572	23	30	26	26
R05-235	33	36	25	31
R06-4433	27	32	22	27
S05-11482	31	33	22	29
S06-4649	37	42	21	34
S07-2680	31	34	19	29
TN04-089	29	35	16	28
TN04-124	31	35	26	30
TN04-5321	32	36	24	31
TN05-5018	29	32	31	30
TN06-181	32	33	17	28
V03-3650	28	32	18	26
V04-3471	25	32	14	24
V05-2326	29	34	18	28
V05-2592	26	32	21	26
Mean	29	33	23	.

TABLE 43 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

Delta

STRAIN/ VARIETY	Pine Tree, AR	Portageville, MO(A)	Portageville, MO(B)	Stoneville, MS	Stuttgart, AR	Area Mean
AG 5606	1.0	1.0	1.0	1.0	1.0	1.0
5601T	1.0	1.0	1.0	1.0	1.0	1.0
5002T	1.0	1.0	1.0	1.0	1.0	1.0
OSAGE	1.0	1.0	1.0	1.0	1.0	1.0
JTN-5503	1.0	1.0	1.0	1.0	1.0	1.0
DB04-10836	1.0	1.0	1.0	1.0	1.0	1.0
DB06-2257	1.0	1.0	1.0	1.0	1.0	1.0
DB06-3442	1.0	1.0	1.0	1.0	1.0	1.0
JTN-5107	1.0	1.0	1.0	1.0	1.0	1.0
N02-417	1.0	1.0	1.0	1.0	1.0	1.0
N02-7002	1.0	1.0	1.0	1.0	1.0	1.0
N06-7124	1.0	1.0	1.0	1.0	1.0	1.0
NCC04-1555	1.0	1.0	1.0	1.0	1.0	1.0
NCC05-1323	1.0	1.0	1.0	1.0	1.0	1.0
NCC05-4512R	1.0	1.0	1.0	1.0	1.0	1.0
NCC05-7649R	1.0	1.0	1.0	1.0	1.0	1.0
NCC06-2188	1.0	1.0	1.0	1.0	1.0	1.0
NCC06-579	1.0	1.0	1.0	1.0	1.0	1.0
R03-1187	1.0	1.0	1.0	1.0	1.0	1.0
R04-357	1.0	1.0	1.0	1.0	1.0	1.0
R04-572	1.0	1.0	1.0	1.0	1.0	1.0
R05-235	1.0	1.0	1.0	1.0	1.0	1.0
R06-4433	1.0	1.0	1.0	1.0	1.0	1.0
S05-11482	1.0	1.0	1.0	1.0	1.0	1.0
S06-4649	1.0	1.0	1.0	1.0	1.0	1.0
S07-2680	1.0	1.0	1.0	1.0	1.0	1.0
TN04-089	1.0	1.0	1.0	1.0	1.0	1.0
TN04-124	1.0	1.0	1.0	1.0	1.0	1.0
TN04-5321	1.0	1.0	1.0	1.0	1.0	1.0
TN05-5018	1.0	1.0	1.0	1.0	1.0	1.0
TN06-181	1.0	1.0	1.0	1.0	1.0	1.0
V03-3650	1.0	1.0	1.0	1.0	1.0	1.0
V04-3471	1.0	1.0	1.0	1.0	1.0	1.0
V05-2326	1.0	1.0	1.0	1.0	1.0	1.0
V05-2592	1.0	1.0	1.0	1.0	1.0	1.0
Mean	1.0	1.0	1.0	1.0	1.0	.

TABLE 43 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Plymouth, NC(B)	Queenstown, MD	Suffolk, VA	Warsaw, VA	Area Mean
AG 5606	3.0	2.5	2.5	.	.	2.6
5601T	3.0	2.5	2.5	.	.	2.6
5002T	1.5	2.5	2.5	.	.	2.3
OSAGE	2.0	2.5	2.5	.	.	2.4
JTN-5503	3.5	2.5	2.5	.	.	2.7
DB04-10836	3.0	2.5	2.5	.	.	2.6
DB06-2257	3.0	2.5	2.5	.	.	2.6
DB06-3442	3.0	2.5	2.5	.	.	2.6
JTN-5107	2.0	2.5	2.5	.	.	2.4
N02-417	2.5	2.5	2.5	.	.	2.5
N02-7002	2.0	2.5	2.5	.	.	2.4
N06-7124	2.5	2.5	2.5	.	.	2.5
NCC04-1555	2.0	2.5	2.5	.	.	2.4
NCC05-1323	3.5	2.5	2.5	.	.	2.7
NCC05-4512R	1.5	2.5	2.5	.	.	2.3
NCC05-7649R	2.0	2.5	2.5	.	.	2.4
NCC06-2188	3.0	2.5	2.5	.	.	2.6
NCC06-579	3.0	2.5	2.5	.	.	2.6
R03-1187	3.0	2.5	2.5	.	.	2.6
R04-357	2.5	2.5	2.5	.	.	2.5
R04-572	2.5	2.5	2.5	.	.	2.5
R05-235	2.5	2.5	2.5	.	.	2.5
R06-4433	3.0	2.5	2.5	.	.	2.6
S05-11482	3.5	2.5	2.5	.	.	2.7
S06-4649	3.5	2.5	2.5	.	.	2.7
S07-2680	3.0	2.5	2.5	.	.	2.6
TN04-089	3.0	2.5	2.5	.	.	2.6
TN04-124	2.0	2.5	2.5	.	.	2.4
TN04-5321	3.0	2.5	2.5	.	.	2.6
TN05-5018	1.5	2.5	2.5	.	.	2.3
TN06-181	2.5	2.5	2.5	.	.	2.5
V03-3650	2.0	2.5	2.5	.	.	2.4
V04-3471	2.5	2.5	2.5	.	.	2.5
V05-2326	3.0	2.5	2.5	.	.	2.6
V05-2592	2.0	2.5	2.5	.	.	2.4
Mean	2.6	2.5	2.5	.	.	.

TABLE 43 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

South

STRAIN/ VARIETY	Calhoun, GA	Jackson, TN	Knoxville, TN	Princeton, KY	Springfield, TN	Starkville, MS	Area Mean
AG 5606	1.9	.	1.3	1.0	1.5	1.0	1.3
5601T	1.9	.	1.3	1.0	1.5	1.0	1.3
5002T	1.9	.	1.3	1.0	1.5	1.0	1.3
OSAGE	1.9	.	1.3	1.0	1.5	1.0	1.3
JTN-5503	1.9	.	1.3	1.0	1.5	1.0	1.3
DB04-10836	1.9	.	1.3	1.0	1.5	1.0	1.3
DB06-2257	1.9	.	1.3	1.0	1.5	1.0	1.3
DB06-3442	1.9	.	1.3	1.0	1.5	1.0	1.3
JTN-5107	1.9	.	1.3	1.0	1.5	1.0	1.3
N02-417	1.9	.	1.3	1.0	1.5	1.0	1.3
N02-7002	1.9	.	1.3	1.0	1.5	1.0	1.3
N06-7124	1.9	.	1.3	1.0	1.5	1.0	1.3
NCC04-1555	1.9	.	1.3	1.0	1.5	1.0	1.3
NCC05-1323	1.9	.	1.3	1.0	1.5	1.0	1.3
NCC05-4512R	1.9	.	1.3	1.0	1.5	1.0	1.3
NCC05-7649R	1.9	.	1.3	1.0	1.5	1.0	1.3
NCC06-2188	1.9	.	1.3	1.0	1.5	1.0	1.3
NCC06-579	1.9	.	1.3	1.0	1.5	1.0	1.3
R03-1187	1.9	.	1.3	1.0	1.5	1.0	1.3
R04-357	2.0	.	1.3	1.0	1.5	1.0	1.4
R04-572	2.0	.	1.3	1.0	1.5	1.0	1.4
R05-235	2.0	.	1.3	1.0	1.5	1.0	1.4
R06-4433	2.0	.	1.3	1.0	1.5	1.0	1.4
S05-11482	2.0	.	1.3	1.0	1.5	1.0	1.4
S06-4649	2.0	.	1.3	1.0	1.5	1.0	1.4
S07-2680	2.0	.	1.3	1.0	1.5	1.0	1.4
TN04-089	2.0	.	1.3	1.0	1.5	1.0	1.4
TN04-124	2.0	.	1.3	1.0	1.5	1.0	1.4
TN04-5321	2.0	.	1.3	1.0	1.5	1.0	1.4
TN05-5018	2.0	.	1.3	1.0	1.5	1.0	1.4
TN06-181	2.0	.	1.3	1.0	1.5	1.0	1.4
V03-3650	2.0	.	1.3	1.0	1.5	1.0	1.4
V04-3471	2.0	.	1.3	1.0	1.5	1.0	1.4
V05-2326	2.0	.	1.3	1.0	1.5	1.0	1.4
V05-2592	2.0	.	1.4	1.0	1.5	1.0	1.4
Mean	2.0	.	1.3	1.0	1.5	1.0	.

TABLE 43 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

West

STRAIN/ VARIETY	McCune, KS	Pittsburg, KS	Stillwater, OK	Area Mean
AG 5606	2.0	2.0	2.0	2.0
5601T	2.0	2.0	2.0	2.0
5002T	2.0	2.0	2.0	2.0
OSAGE	2.0	2.0	2.0	2.0
JTN-5503	2.0	2.0	2.0	2.0
DB04-10836	2.0	2.0	2.0	2.0
DB06-2257	2.0	2.0	2.0	2.0
DB06-3442	2.0	2.0	2.0	2.0
JTN-5107	2.0	2.0	2.0	2.0
N02-417	2.0	2.0	2.0	2.0
N02-7002	2.0	2.0	2.0	2.0
N06-7124	2.0	2.0	2.0	2.0
NCC04-1555	2.0	2.0	2.0	2.0
NCC05-1323	2.0	2.0	2.0	2.0
NCC05-4512R	2.0	2.0	2.0	2.0
NCC05-7649R	2.0	2.0	2.0	2.0
NCC06-2188	2.0	2.0	2.0	2.0
NCC06-579	2.0	2.0	2.0	2.0
R03-1187	2.0	2.0	2.0	2.0
R04-357	2.0	2.0	2.0	2.0
R04-572	2.0	2.0	2.0	2.0
R05-235	2.0	2.0	2.0	2.0
R06-4433	2.0	2.0	2.0	2.0
S05-11482	2.0	2.0	2.0	2.0
S06-4649	2.0	2.0	2.0	2.0
S07-2680	2.0	2.0	2.0	2.0
TN04-089	2.0	2.0	2.0	2.0
TN04-124	2.0	2.0	2.0	2.0
TN04-5321	2.0	2.0	2.0	2.0
TN05-5018	2.0	2.0	2.0	2.0
TN06-181	2.0	2.0	2.0	2.0
V03-3650	2.0	2.0	2.0	2.0
V04-3471	2.0	2.0	2.0	2.0
V05-2326	2.0	2.0	2.0	2.0
V05-2592	2.0	2.0	2.0	2.0
Mean	2.0	2.0	2.0	.

TABLE 44 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

Delta

STRAIN/ VARIETY	Pine Tree, Portageville, Portageville, Stoneville,				Stuttgart,	Area Mean
	AR	MO(A)	MO(B)	MS	AR	
AG 5606	1.3	3.0	3.0	2.0	.	2.4
5601T	1.3	2.7	3.0	2.0	.	2.3
5002T	1.0	3.0	2.3	2.0	.	2.1
OSAGE	1.3	2.7	2.7	2.0	.	2.2
JTN-5503	1.0	2.7	2.7	2.0	.	2.1
DB04-10836	1.0	3.0	2.3	2.0	.	2.1
DB06-2257	1.0	2.7	3.0	2.0	.	2.2
DB06-3442	1.0	2.7	2.3	2.0	.	2.0
JTN-5107	1.3	2.7	2.3	2.0	.	2.1
N02-417	1.3	3.0	2.3	2.0	.	2.2
N02-7002	1.0	3.0	2.7	2.0	.	2.2
N06-7124	1.3	2.3	3.0	2.0	.	2.2
NCC04-1555	1.0	3.0	3.0	2.0	.	2.3
NCC05-1323	1.0	2.3	3.0	2.0	.	2.1
NCC05-4512R	1.0	2.3	3.0	2.0	.	2.1
NCC05-7649R	1.0	2.7	2.7	2.0	.	2.1
NCC06-2188	1.3	2.3	2.7	2.0	.	2.1
NCC06-579	1.3	2.7	2.7	2.0	.	2.2
R03-1187	1.0	3.0	2.7	2.0	.	2.2
R04-357	1.0	3.0	3.0	2.0	.	2.3
R04-572	1.0	3.0	2.7	2.0	.	2.2
R05-235	1.0	2.3	2.3	2.0	.	1.9
R06-4433	1.0	2.7	2.7	2.0	.	2.1
S05-11482	1.0	3.0	2.3	2.0	.	2.1
S06-4649	1.0	2.7	2.7	2.0	.	2.1
S07-2680	1.0	2.7	3.0	2.0	.	2.2
TN04-089	1.0	2.3	2.7	2.0	.	2.0
TN04-124	1.3	3.0	2.3	2.0	.	2.2
TN04-5321	1.0	3.0	3.0	2.0	.	2.3
TN05-5018	1.0	2.3	3.0	2.0	.	2.1
TN06-181	1.0	2.7	2.7	2.0	.	2.1
V03-3650	1.3	2.7	2.3	2.0	.	2.1
V04-3471	1.3	2.3	2.3	2.0	.	2.0
V05-2326	1.0	2.3	2.7	2.0	.	2.0
V05-2592	1.0	2.3	2.3	2.0	.	1.9
Mean	1.1	2.7	2.7	2.0	.	.

TABLE 44 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Plymouth, NC(B)	Queenstown, MD	Suffolk, VA	Warsaw, VA	Area Mean
AG 5606	.	3.0	1.0	2.0	1.9	2.1
5601T	.	3.5	1.0	1.7	2.3	2.2
5002T	.	3.3	1.3	4.0	2.0	2.8
OSAGE	.	3.0	1.0	1.7	2.5	2.1
JTN-5503	.	2.8	1.0	2.7	2.3	2.3
DB04-10836	.	3.0	1.0	2.0	2.2	2.2
DB06-2257	.	3.0	1.0	2.0	1.9	2.1
DB06-3442	.	3.5	1.0	4.0	2.2	2.8
JTN-5107	.	2.8	1.0	2.0	2.3	2.1
N02-417	.	3.3	1.0	2.0	2.8	2.4
N02-7002	.	3.3	1.0	2.7	2.1	2.4
N06-7124	.	3.0	1.0	2.0	2.0	2.1
NCC04-1555	.	3.2	1.0	1.0	1.8	1.8
NCC05-1323	.	3.5	1.0	2.0	1.9	2.2
NCC05-4512R	.	3.0	1.0	2.3	2.1	2.2
NCC05-7649R	.	3.0	1.0	2.0	1.7	2.0
NCC06-2188	.	3.0	1.0	1.7	2.3	2.1
NCC06-579	.	2.7	1.0	1.7	2.3	2.0
R03-1187	.	3.2	1.0	2.3	2.1	2.3
R04-357	.	3.5	1.3	2.0	2.4	2.4
R04-572	.	3.0	1.0	1.3	2.1	1.9
R05-235	.	3.2	1.0	2.0	2.6	2.3
R06-4433	.	3.0	1.3	2.0	2.1	2.2
S05-11482	.	3.7	1.0	3.7	2.7	2.9
S06-4649	.	3.0	1.5	2.3	2.3	2.3
S07-2680	.	3.3	1.0	2.7	2.3	2.4
TN04-089	.	3.3	1.3	2.0	2.5	2.4
TN04-124	.	3.5	1.0	2.0	1.9	2.2
TN04-5321	.	3.0	1.0	2.0	2.0	2.1
TN05-5018	.	3.0	1.0	2.0	2.4	2.2
TN06-181	.	3.2	1.0	2.3	2.0	2.2
V03-3650	.	3.3	1.7	2.0	2.2	2.4
V04-3471	.	3.3	1.0	1.0	2.0	1.9
V05-2326	.	3.2	1.0	2.0	2.4	2.2
V05-2592	.	3.3	1.5	2.3	2.3	2.4
Mean	.	3.2	1.1	2.2	2.2	.

TABLE 44 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

South

STRAIN/ VARIETY	Calhoun, GA	Jackson, TN	Knoxville, TN	Princeton, KY	Springfield, TN	Starkville, MS	Area Mean
AG 5606	1.3	2.0	1.8	3.0	.	.	1.9
5601T	1.3	2.0	1.7	2.0	.	.	1.7
5002T	1.3	2.7	2.3	2.0	.	.	2.1
OSAGE	1.5	1.0	2.3	1.0	.	.	1.6
JTN-5503	1.3	1.7	2.3	1.0	.	.	1.7
DB04-10836	1.2	1.3	2.5	1.0	.	.	1.6
DB06-2257	1.7	2.0	2.8	2.0	.	.	2.2
DB06-3442	1.3	2.0	2.7	2.0	.	.	2.0
JTN-5107	1.3	2.3	2.3	2.0	.	.	2.0
N02-417	1.5	2.0	2.0	2.0	.	.	1.9
N02-7002	1.3	1.7	2.0	2.0	.	.	1.7
N06-7124	1.2	1.7	2.5	1.0	.	.	1.7
NCC04-1555	1.5	1.5	2.7	1.0	.	.	1.8
NCC05-1323	1.3	1.0	2.5	1.0	.	.	1.6
NCC05-4512R	1.3	1.7	1.3	1.0	.	.	1.4
NCC05-7649R	1.3	1.3	1.8	2.0	.	.	1.6
NCC06-2188	1.2	2.0	2.0	2.0	.	.	1.8
NCC06-579	1.5	1.7	2.5	1.0	.	.	1.8
R03-1187	1.5	1.3	1.8	3.0	.	.	1.7
R04-357	1.3	1.3	1.5	2.0	.	.	1.5
R04-572	1.5	2.0	2.3	2.0	.	.	2.0
R05-235	1.2	2.0	2.7	3.0	.	.	2.1
R06-4433	1.5	1.0	1.7	3.0	.	.	1.6
S05-11482	1.5	2.5	2.2	3.0	.	.	2.1
S06-4649	1.5	1.7	2.0	2.0	.	.	1.8
S07-2680	1.3	1.7	2.2	2.0	.	.	1.8
TN04-089	1.5	2.0	2.0	3.0	.	.	2.0
TN04-124	1.5	1.7	2.0	3.0	.	.	1.9
TN04-5321	1.5	2.0	2.5	3.0	.	.	2.1
TN05-5018	1.5	1.3	1.8	1.0	.	.	1.5
TN06-181	1.2	2.0	2.2	2.0	.	.	1.8
V03-3650	1.5	2.0	3.0	2.0	.	.	2.2
V04-3471	1.5	1.7	2.0	2.0	.	.	1.8
V05-2326	1.2	1.3	1.8	1.0	.	.	1.4
V05-2592	1.5	2.3	2.7	3.0	.	.	2.3
Mean	1.4	1.8	2.2	2.0	.	.	.

TABLE 44 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP V FOR YEAR 2010

West

STRAIN/ VARIETY	McCune, KS	Pittsburg, KS	Stillwater, OK	Area Mean
AG 5606	2.0	2.0	.	2.0
5601T	1.0	2.0	.	1.5
5002T	2.0	2.0	.	2.0
OSAGE	2.0	2.0	.	2.0
JTN-5503	1.0	2.0	.	1.5
DB04-10836	1.0	2.0	.	1.5
DB06-2257	1.0	2.0	.	1.5
DB06-3442	2.0	2.0	.	2.0
JTN-5107	2.0	2.0	.	2.0
N02-417	2.0	2.0	.	2.0
N02-7002	2.0	1.0	.	1.5
N06-7124	2.0	1.0	.	1.5
NCC04-1555	1.0	2.0	.	1.5
NCC05-1323	2.0	2.0	.	2.0
NCC05-4512R	2.0	2.0	.	2.0
NCC05-7649R	2.0	1.0	.	1.5
NCC06-2188	2.0	2.0	.	2.0
NCC06-579	1.0	2.0	.	1.5
R03-1187	1.0	2.0	.	1.5
R04-357	2.0	2.0	.	2.0
R04-572	2.0	2.0	.	2.0
R05-235	2.0	2.0	.	2.0
R06-4433	2.0	2.0	.	2.0
S05-11482	2.0	2.0	.	2.0
S06-4649	2.0	2.0	.	2.0
S07-2680	2.0	2.0	.	2.0
TN04-089	2.0	2.0	.	2.0
TN04-124	2.0	2.0	.	2.0
TN04-5321	1.0	2.0	.	1.5
TN05-5018	2.0	2.0	.	2.0
TN06-181	2.0	2.0	.	2.0
V03-3650	1.0	2.0	.	1.5
V04-3471	2.0	2.0	.	2.0
V05-2326	2.0	2.0	.	2.0
V05-2592	2.0	2.0	.	2.0
Mean	1.7	1.9	.	.

TABLE 45 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	AG 5606	Commercial check		
2	5601T	HUTCHESON x TN89-39		
3	5002T	Holladay X Manokin		
4	OSAGE	Hartz 5545 x KS4895		
5	JTN-5503	Fowler x Manokin	F12	SCN
6	JTN-4308	S96-2641 x S97-1688-12-LOAM02	F12	SCN
7	JTN-5110	J98-32 X Anand	F8	SCN
8	JTN-5208	S96-2641 x S97-1688-8-LOAM02	F12	SCN
9	K08-5862	KS5004N/TN05-5118	F4	
10	K08-5898	KS5004N/TN05-5118	F4	
11	K08-5911	KS5004N/TN05-5118	F4	
12	K08-5997	K1639-2/U98-311422	F4	
13	K08-6031	IA3023/K1639-2	F4	
14	Md 0708WN 145	Md 00-5326 x Md 03-5517	F5	
15	Md 0708WN 86	Md 00-5326 x LG 00-6293	F5	
16	Md 0708WN 90	Md 00-5326 x Md 03-5517	F5	
17	DB00-087-08	DT96-6840XS59-60	F6	
18	NCC07-1148R	V00-1988x(F2{R98-1817 x [Tn96-58 x N94-550 BC3F1RR]F4})	F4:8	
19	NCC07-241R	R99-2172xNCC01-250RR	F4:8	
20	NCC07-7506	K1530x(NC Roy)	F4:8	
21	NCC07-7590	K1530x(NC Roy)	F4:8	
22	NCC07-869R	V00-1988x(F2{R98-1817 x [Tn96-58 x N94-550 BC3F1RR]F4})	F4:8	
23	NCC07-974R	V00-1988x(F2{R98-1817 x [Tn96-58 x N94-550 BC3F1RR]F4})	F4:8	
24	NMS4-37-308-1	N7103 x PI 366122	F4	Diversity, novel RKI resistance soja PI 366122
25	R03-862	V94-1295 x Ozark	F5	
26	R04-366	R97-1650 x 98601	F5	
27	R05-3191	Lonoke x S99-1171	F5	
28	R06-2597	Lonoke x S96-2692	F5	
29	R07-1769	R00-1551 x R00-684	F5	
30	R07-6046	S94-1867 x P9594	F5	
31	S07-18772	HC99-2763 X DP5634RR	F5	
32	S08-10645	R98-1821 X S03-383RR		
33	S08-12102	S00-9912-56 BS X S04-21273RR		
34	S08-17865	S04-8952 X 5002T		
35	S08-7048	S04-7661 X S04-19351RR		
36	S08-8972	S04-5997RR X SCHILL 495RC		
37	TN08-100	5601T x PI417088	F6	
38	TN08-101	5601T x PI417088	F6	
39	TN08-118	TN02-224 x N99-510	F6	
40	TN09-004	Fowler x Anand	F13	
41	TN09-239	5601T[4] x Cx1834-1-2	BC4F2	LOW PHYTATE
42	V06-0245	MD 97-6065 X V95-0016	F4	
43	V06-0283	V96-0340 X V94-1401	F4	
44	V06-0488	TN96-58 X V94-1401	F4	
45	V06-3392	V00-4079 X V00-4271	F4	low sats
46	V07-3105	V99-8060 X GP 26062	F4	
47	V07-5781	V97-2276 X GP26062	F4	

**TABLE 46 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN PRELIMINARY TEST V FOR YEAR 2010**

STRAIN/ VARIETY	SEED YIELD	RANK	AVG. RANK	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SIZE	% PROTEIN	% OIL	HG TYPE			SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR
											1.2.5.7 Race 2	7 Race 3	1.3.5.6.7 Race 14					
AG 5606	50.5	1	11	0	1.7	32	2.0	14.4	38.3	20.0	5	1	.	R	1	W	T	T
5601T	47.4	6	19	-2	1.4	29	1.9	13.1	40.3	20.1	5	5	.	R	1	W	G	T
5002T	49.0	3	16	-5	1.3	25	2.0	14.9	38.5	20.2	5	5	.	R	1	W	T	T
OSAGE	49.4	2	12	-2	1.3	25	2.0	12.7	40.4	19.6	5	5	.	R	1	P	G	T
JTN-5503	47.1	8	18	0	1.6	28	1.9	13.9	38.9	19.7	2	1	.	R	1	W	T	T
JTN-4308	44.2	29	29	3	1.9	32	2.2	12.3	40.5	18.5	.	.	.	SS	3	W	T	T
JTN-5110	46.6	11	20	0	1.6	26	2.2	14.2	39.1	19.8	1	1	.	R	1	P	T	T
JTN-5208	44.3	27	26	0	2.2	33	2.1	12.3	40.4	18.7	1	1	.	S	5	P	G	T
K08-5862	45.5	18	25	-9	1.2	26	2.1	14.2	39.7	20.1	5	5	.	SS	3	W	G	T
K08-5898	43.9	33	28	-9	1.2	26	2.2	13.4	40.3	19.9	5	5	.	R	1	W	G	T
K08-5911	44.6	24	24	-10	1.3	25	2.1	12.6	38.8	20.5	5	4	.	R	1	W	G	T
K08-5997	46.3	14	22	-3	1.2	24	2.1	15.0	39.5	20.3	5	1	.	R	1	P	G	T
K08-6031	47.0	9	16	-2	1.3	26	2.1	14.7	36.5	22.3	5	5	.	SS	3	W	G	T
Md 0708WN 145	38.0	45	41	-5	2.0	41	2.5	14.8	39.8	20.2	4	5	.	R	1	W	G	T
Md 0708WN 86	42.9	39	26	4	2.4	42	2.2	13.5	40.1	19.9	5	5	.	R	1	W	T	T
Md 0708WN 90	37.6	46	36	2	2.4	40	2.5	12.6	40.0	20.2	5	5	.	S	5	P	G	T
DB00-087-08	45.1	22	24	-1	2.0	28	1.9	12.4	40.4	19.4	.	5	.	SS	3	P	T	T
NCC07-1148R	46.4	13	23	-1	1.8	32	2.1	14.2	38.4	20.8	5	4	.	R	1	P	G	T
NCC07-241R	40.4	44	34	-7	1.3	26	2.1	11.7	39.1	19.9	5	4	.	R	1	W	G	T
NCC07-7506	48.5	4	14	-3	1.5	27	2.2	13.3	39.3	20.7	5	2	.	R	1	W	G	T
NCC07-7590	44.5	26	26	-4	1.4	29	2.0	12.7	39.1	20.3	5	3	.	SS	3	W	G	Br
NCC07-869R	44.9	23	20	-4	1.2	26	1.8	11.7	39.7	20.2	5	5	.	R	1	P	G	T
NCC07-974R	43.3	36	29	-7	1.3	24	2.2	12.0	39.6	19.6	5	5	.	S	5	S	G	Br
NMS4-37-308-1	23.2	47	47	6	2.3	32	2.4	9.5	41.9	18.3	5	2	.	R	1	W	T	T
R03-862	43.8	34	25	4	1.4	26	2.0	13.5	40.3	20.2	5	5	.	MS	4	P	G	T
R04-366	46.6	12	17	1	1.5	29	2.1	14.3	39.4	20.4	5	5	.	MS	4	P	G	T
R05-3191	47.3	7	19	2	1.7	29	1.8	11.8	38.1	20.1	5	1	.	R	1	W	G	T
R06-2597	45.8	17	19	0	1.4	28	1.7	12.4	38.5	19.9	4	2	.	R	1	W	G	T
R07-1769	48.2	5	13	-1	1.7	30	1.9	13.8	38.5	21.2	5	5	.	R	1	W	G	T
R07-6046	43.1	37	26	0	1.9	31	2.1	13.8	38.4	19.9	5	5	.	S	5	W	T	T
S07-18772	45.4	19	24	-6	1.7	28	2.2	12.6	40.3	18.9	5	5	.	S	5	P	T	T
S08-10645	44.0	32	27	-4	1.9	40	2.1	13.3	39.5	20.5	5	1	.	R	1	P	G	T
S08-12102	46.1	15	21	-2	1.9	33	2.0	11.1	39.4	18.6	3	3	.	R	1	W	T	T
S08-17865	46.8	10	17	-2	1.4	28	2.0	14.0	38.0	20.5	5	5	.	R	1	W	G	T
S08-7048	40.6	42	35	-5	2.0	38	2.2	13.7	39.6	20.1	5	4	.	R	1	W	G	T
S08-8972	43.1	38	31	-4	2.1	40	2.2	13.1	38.7	20.6	5	5	.	S	5	P	G	T
TN08-100	44.1	31	20	-2	1.3	28	2.1	14.6	39.9	20.6	5	5	.	R	1	W	G	T
TN08-101	41.0	41	26	-3	1.4	28	2.2	14.4	39.8	20.2	5	5	.	R	1	P	G	T
TN08-118	45.9	16	17	0	1.3	26	2.0	13.4	37.0	20.4	1	2	.	SS	3	W	T	T
TN09-004	44.6	25	22	-6	1.3	26	2.2	13.9	37.2	20.2	1	3	.	R	1	P	T	T
TN09-239	40.4	43	34	-2	2.3	45	2.2	15.4	40.5	20.2	5	5	.	R	1	W	G	T
V06-0245	45.4	20	24	-1	1.4	29	2.0	11.6	37.9	20.3	5	1	.	SS	3	P	G	T
V06-0283	45.1	21	22	0	1.4	27	1.9	14.7	39.8	20.8	5	4	.	R	1	P	G	Br
V06-0488	44.3	28	21	-2	1.3	27	2.1	13.0	39.4	20.7	5	5	.	R	1	P	G	Br
V06-3392	43.6	35	28	1	1.4	29	2.1	14.4	39.5	20.8	5	4	.	R	1	W	T	T
V07-3105	42.7	40	31	-4	1.3	28	2.2	11.1	40.9	18.8	5	1	.	S	5	P	G	T
V07-5781	44.1	30	27	-5	1.3	25	2.3	12.6	38.3	21.1	5	5	.	R	1	W	G	T
Mean	44.3	.	.	-2	1.6	30	2.1	13.3	39.3	20.1	.	.	.	.	.	.	.	.
LSD(0.05)	6.0	.	.	3	0.4	3	0.3	0.9	0.8	0.6	.	.	.	.	.	.	.	.
CV(%)	15.3	.	.	-176	31.8	15	20.5	7.4	2.2	3.2	.	.	.	.	.	.	.	.

TABLE 47 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Jackson,‡	Kinston,	McCune,	Pine Tree,‡	Pittsburg,	Plymouth,	Portageville,	Queenstown,	Stoneville,	Stuttgart,	Warsaw,‡	Test
	TN	NC(A)	KS	AR	KS	NC(B)	MO(B)	MD	MS	AR	VA	Mean
AG 5606	45.3	38.0	40.0	45.5	42.7	55.8	56.0	49.8	71.2	50.5	23.7	50.5
5601T	42.5	34.6	44.7	44.6	42.1	48.3	52.8	40.7	72.5	43.5	22.3	47.4
5002T	40.8	35.3	39.1	54.7	41.3	54.0	61.2	39.6	75.7	45.5	26.4	49.0
OSAGE	39.6	42.1	40.6	54.8	46.2	59.2	60.6	36.5	74.8	35.6	26.6	49.4
JTN-5503	50.2	30.6	37.2	47.5	48.3	53.9	54.0	50.5	58.7	43.5	26.4	47.1
JTN-4308	45.4	26.1	36.3	54.9	43.0	45.1	50.9	54.9	57.4	39.4	27.0	44.2
JTN-5110	52.9	34.0	40.5	34.7	46.0	50.4	53.8	54.0	52.5	41.6	29.2	46.6
JTN-5208	40.7	34.3	36.2	45.6	44.0	45.5	48.5	46.9	57.4	42.1	27.9	44.3
K08-5862	40.4	29.6	38.8	19.3	35.4	51.8	55.5	37.7	77.0	38.4	25.4	45.5
K08-5898	39.0	26.6	39.1	23.9	39.4	48.2	61.7	36.1	65.5	34.5	25.5	43.9
K08-5911	46.2	32.9	35.8	29.5	41.9	55.3	55.9	43.6	60.7	31.0	25.5	44.6
K08-5997	51.1	32.6	39.8	36.2	43.2	51.2	54.0	58.4	48.4	43.1	24.1	46.3
K08-6031	53.7	32.7	40.3	28.2	47.4	57.0	61.2	35.9	59.5	42.1	26.4	47.0
Md 0708WN 145	36.5	30.3	34.3	52.1	35.9	44.2	45.7	30.7	42.6	39.9	21.6	38.0
Md 0708WN 86	40.0	34.2	40.6	59.1	44.4	40.1	47.6	36.0	49.6	50.7	26.8	42.9
Md 0708WN 90	43.2	31.3	36.7	45.7	44.0	45.3	36.8	32.3	37.6	36.8	26.4	37.6
DB00-087-08	34.7	28.5	39.4	51.7	41.4	53.5	60.9	32.9	66.7	37.6	27.4	45.1
NCC07-1148R	47.2	30.9	35.7	43.2	42.6	60.4	50.5	31.3	68.0	51.5	31.6	46.4
NCC07-241R	40.6	29.4	35.8	39.8	39.1	55.4	47.3	38.6	51.1	26.6	25.7	40.4
NCC07-7506	50.2	36.7	37.9	30.5	45.4	57.5	58.1	53.0	56.2	42.6	22.0	48.5
NCC07-7590	39.0	36.1	36.4	38.0	41.8	55.6	52.2	32.1	67.9	34.0	26.6	44.5
NCC07-869R	42.3	36.8	40.6	41.4	47.5	51.2	49.8	36.3	58.2	39.1	26.1	44.9
NCC07-974R	45.7	26.8	33.9	38.4	38.1	59.8	51.8	44.9	64.3	26.7	23.5	43.3
NMS4-37-308-1	20.6	18.2	30.5	29.3	34.6	31.8	21.7	23.0	8.2	17.8	28.1	23.2
R03-862	50.6	37.3	39.7	41.8	40.3	53.0	48.1	32.6	53.1	46.0	27.2	43.8
R04-366	49.7	36.3	40.9	53.9	43.6	56.0	53.4	31.1	58.0	53.4	23.7	46.6
R05-3191	36.7	34.4	37.5	60.5	42.3	49.8	56.8	48.1	59.4	50.0	23.8	47.3
R06-2597	52.8	32.0	42.8	54.2	47.2	45.6	53.8	35.3	60.1	49.5	17.9	45.8
R07-1769	48.5	31.8	41.6	46.9	45.6	57.1	62.1	34.5	59.4	53.6	21.0	48.2
R07-6046	48.6	29.3	42.2	53.5	47.0	51.7	47.2	32.7	51.5	43.6	26.7	43.1
S07-18772	40.4	29.7	38.8	50.8	46.6	52.0	54.5	30.6	73.6	37.4	22.8	45.4
S08-10645	43.6	31.1	37.4	41.3	44.8	44.1	51.5	48.4	52.4	42.4	16.8	44.0
S08-12102	53.3	36.2	37.9	60.4	42.7	51.1	53.2	40.1	55.1	52.5	18.8	46.1
S08-17865	41.5	35.5	43.1	53.1	42.0	51.4	55.6	43.0	57.5	46.5	25.5	46.8
S08-7048	39.0	26.5	37.3	56.4	38.5	44.1	54.5	36.5	48.2	39.1	26.6	40.6
S08-8972	39.7	30.8	35.6	60.8	41.2	48.2	56.5	31.8	63.4	37.0	21.9	43.1
TN08-100	47.2	38.0	43.0	53.4	46.3	52.0	49.4	23.4	50.8	49.5	25.0	44.1
TN08-101	40.6	37.4	36.7	23.8	43.0	52.2	54.7	40.0	36.5	27.7	21.6	41.0
TN08-118	40.5	40.2	41.4	47.3	48.4	54.5	48.2	43.4	48.2	43.4	22.0	45.9
TN09-004	47.8	34.4	42.0	26.8	42.8	50.2	57.6	40.8	56.8	32.5	25.3	44.6
TN09-239	46.1	28.6	34.8	60.2	45.0	43.9	49.6	28.4	46.6	46.5	18.9	40.4
V06-0245	45.5	33.8	39.4	37.9	42.0	50.9	49.5	50.6	52.3	44.5	23.6	45.4
V06-0283	49.2	37.4	40.4	33.2	44.3	48.6	45.5	38.0	57.8	49.0	24.5	45.1
V06-0488	41.7	37.8	35.2	36.5	43.1	55.8	56.2	37.9	42.3	46.3	22.4	44.3
V06-3392	45.6	36.0	35.0	50.6	37.5	50.3	55.4	25.1	56.9	52.5	25.3	43.6
V07-3105	43.0	32.8	34.7	35.2	42.0	50.9	45.4	44.6	58.0	33.5	21.7	42.7
V07-5781	55.5	30.4	42.6	23.5	39.0	51.8	48.2	29.2	68.8	42.6	22.2	44.1
Mean	44.2	32.9	38.5	43.6	42.8	51.0	52.2	38.8	56.8	41.6	24.4	44.3
LSD(0.05)	15.6	5.8	4.3	14.4	3.9	8.3	5.5	9.5	16.1	7.7	8.4	6.0
CV(%)	17.6	8.7	5.5	15.7	4.6	8.1	5.3	12.2	14.0	9.0	17.1	15.3

‡Data not included in mean

TABLE 48 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Kinston, NC(A)	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	18.5	21.0	.	.	19.4	20.0	19.8	20.7	20.5	21.1	19.4	20.0
5601T	19.4	19.7	.	.	21.3	20.0	19.1	19.5	20.2	21.3	20.0	20.1
5002T	20.0	19.2	.	.	20.0	20.2	19.7	19.0	21.9	21.5	20.4	20.2
OSAGE	18.7	19.9	.	.	20.5	19.3	18.9	18.3	19.8	20.9	20.1	19.6
JTN-5503	19.9	18.7	.	.	19.2	19.3	20.0	19.0	20.6	20.7	19.5	19.7
JTN-4308	17.7	17.5	.	.	19.5	18.4	17.5	17.7	18.7	19.6	19.8	18.5
JTN-5110	20.0	18.7	.	.	20.1	19.6	19.5	18.9	20.0	21.5	19.5	19.8
JTN-5208	18.4	19.7	.	.	18.3	18.1	17.9	17.5	18.5	20.2	19.8	18.7
K08-5862	19.1	20.2	.	.	20.5	20.4	19.4	19.7	19.6	21.7	20.2	20.1
K08-5898	18.7	20.0	.	.	21.0	20.1	19.4	19.4	19.1	21.3	20.2	19.9
K08-5911	19.9	20.1	.	.	21.5	20.0	20.1	20.5	20.1	21.7	20.8	20.5
K08-5997	19.5	20.2	.	.	19.7	20.5	20.5	19.7	20.3	21.8	20.1	20.3
K08-6031	22.1	22.1	.	.	22.3	22.0	22.2	21.0	22.3	23.9	23.0	22.3
Md 0708WN 145	19.1	21.3	.	.	19.7	19.9	20.0	19.6	20.1	22.3	20.2	20.2
Md 0708WN 86	19.0	19.5	.	.	20.2	20.7	19.2	20.3	18.9	21.1	20.3	19.9
Md 0708WN 90	19.0	20.5	.	.	20.2	20.5	19.5	20.1	19.8	21.6	20.4	20.2
DB00-087-08	18.7	20.0	.	.	18.9	19.3	18.6	20.1	19.3	20.5	19.1	19.4
NCC07-1148R	20.0	21.1	.	.	20.5	20.5	20.4	20.0	21.2	22.8	21.0	20.8
NCC07-241R	18.9	19.3	.	.	20.3	19.1	19.9	19.0	19.9	21.8	20.6	19.9
NCC07-7506	19.5	21.1	.	.	21.0	20.1	20.3	20.1	21.4	22.5	19.9	20.7
NCC07-7590	19.2	21.1	.	.	20.5	20.7	19.5	19.9	20.5	20.6	20.8	20.3
NCC07-869R	18.4	20.8	.	.	21.1	20.0	19.5	19.0	20.6	21.7	20.6	20.2
NCC07-974R	19.2	19.0	.	.	20.6	19.6	19.2	19.3	19.2	21.0	19.2	19.6
NMS4-37-308-1	17.4	15.9	.	.	18.1	17.8	17.7	17.4	24.0	18.4	17.8	18.3
R03-862	19.7	21.3	.	.	19.5	20.3	19.3	19.3	19.9	21.9	20.3	20.2
R04-366	19.7	21.4	.	.	19.9	20.2	19.5	19.4	20.8	22.9	20.3	20.4
R05-3191	19.7	20.3	.	.	19.2	19.5	18.6	19.2	19.9	23.1	21.4	20.1
R06-2597	20.0	20.0	.	.	20.0	19.1	19.0	18.9	20.3	21.1	21.1	19.9
R07-1769	21.0	21.2	.	.	20.7	21.7	20.8	20.5	21.8	22.1	21.3	21.2
R07-6046	19.3	19.0	.	.	19.6	20.0	18.8	19.5	20.4	23.4	18.9	19.9
S07-18772	18.1	18.9	.	.	18.8	18.1	18.0	18.1	19.4	21.2	19.2	18.9
S08-10645	19.8	21.2	.	.	20.2	20.2	19.2	20.6	20.0	22.2	21.6	20.5
S08-12102	17.6	19.3	.	.	18.9	18.8	17.3	17.8	17.7	21.1	18.5	18.6
S08-17865	19.8	20.2	.	.	19.6	20.4	20.3	18.6	21.9	22.8	20.7	20.5
S08-7048	19.2	20.7	.	.	20.1	20.1	20.1	20.3	19.0	21.9	19.8	20.1
S08-8972	19.9	20.0	.	.	20.1	20.4	20.1	20.4	21.1	22.2	21.4	20.6
TN08-100	20.0	20.4	.	.	20.5	20.7	19.9	20.0	20.9	22.2	20.5	20.6
TN08-101	19.4	20.6	.	.	20.7	20.1	19.7	19.8	19.8	21.8	20.1	20.2
TN08-118	19.6	19.6	.	.	19.9	20.8	19.9	19.8	21.8	22.0	20.2	20.4
TN09-004	20.3	19.9	.	.	20.8	19.7	19.4	19.5	.	22.5	19.4	20.2
TN09-239	19.1	19.4	.	.	19.9	20.4	19.7	19.2	20.7	22.6	20.7	20.2
V06-0245	20.6	20.3	.	.	19.9	19.4	19.4	20.3	.	22.2	20.1	20.3
V06-0283	19.9	21.6	.	.	20.7	20.9	20.5	20.3	.	22.3	20.3	20.8
V06-0488	19.4	21.8	.	.	20.4	20.9	20.3	20.3	.	22.2	20.2	20.7
V06-3392	20.1	20.6	.	.	20.1	21.2	20.7	20.4	.	21.8	21.1	20.8
V07-3105	17.6	19.0	.	.	19.3	18.2	18.1	18.6	.	20.8	18.6	18.8
V07-5781	20.6	20.4	.	.	20.6	20.6	21.9	20.9	.	22.4	21.5	21.1
Mean	19.4	20.1	.	.	20.1	20.0	19.6	19.5	20.3	21.7	20.2	.

TABLE 49 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Kinston, NC(A)	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	39.7	38.6	.	.	39.3	38.0	38.2	39.4	37.7	37.0	37.0	38.3
5601T	40.8	41.9	.	.	41.8	38.9	40.7	41.5	39.8	39.6	37.4	40.3
5002T	40.4	40.9	.	.	39.1	36.7	38.9	41.1	37.6	35.6	35.8	38.5
OSAGE	41.0	41.5	.	.	41.6	39.6	39.9	43.4	40.1	38.5	38.0	40.4
JTN-5503	39.8	40.8	.	.	39.2	37.4	40.7	40.4	38.4	37.7	36.1	38.9
JTN-4308	41.4	43.2	.	.	41.7	39.2	40.2	41.7	41.2	38.6	37.7	40.5
JTN-5110	39.0	40.8	.	.	40.3	37.3	39.1	41.2	39.7	36.7	37.5	39.1
JTN-5208	41.0	41.7	.	.	41.2	39.2	40.4	42.2	40.9	38.5	38.2	40.4
K08-5862	40.8	41.2	.	.	40.9	38.9	39.9	41.3	40.2	36.6	37.2	39.7
K08-5898	41.3	42.6	.	.	41.4	39.9	40.2	41.2	40.6	37.8	37.7	40.3
K08-5911	40.0	40.8	.	.	39.5	37.7	39.3	39.7	39.6	36.0	36.7	38.8
K08-5997	39.6	41.1	.	.	41.6	38.8	40.0	40.5	38.9	37.7	37.5	39.5
K08-6031	36.3	40.0	.	.	38.7	35.3	36.0	38.3	36.7	32.9	34.0	36.5
Md 0708WN 145	41.3	41.4	.	.	41.5	38.7	40.6	41.8	39.7	35.5	38.0	39.8
Md 0708WN 86	40.9	41.6	.	.	40.7	40.3	39.5	41.7	40.6	37.7	38.1	40.1
Md 0708WN 90	41.7	41.2	.	.	41.4	40.3	39.8	41.4	39.6	36.7	37.9	40.0
DB00-087-08	41.2	41.7	.	.	40.6	40.2	40.3	41.1	41.1	38.1	39.3	40.4
NCC07-1148R	39.2	40.3	.	.	39.5	38.5	38.7	40.7	38.2	33.8	36.5	38.4
NCC07-241R	39.9	41.3	.	.	39.6	38.6	39.3	41.7	39.6	35.1	36.9	39.1
NCC07-7506	39.7	41.9	.	.	41.1	39.0	38.8	40.6	38.1	36.7	37.9	39.3
NCC07-7590	39.5	39.9	.	.	39.8	38.3	39.7	40.5	38.0	39.1	36.8	39.1
NCC07-869R	40.5	40.6	.	.	40.5	39.2	39.2	42.2	39.4	38.4	37.7	39.7
NCC07-974R	39.4	42.1	.	.	39.9	38.2	39.5	42.0	39.4	37.3	38.5	39.6
NMS4-37-308-1	41.8	46.0	.	.	42.3	40.5	40.5	43.7	40.9	40.7	40.9	41.9
R03-862	39.4	41.8	.	.	42.4	39.6	40.3	41.6	40.1	36.7	40.6	40.3
R04-366	40.5	39.8	.	.	40.8	38.3	39.9	40.7	38.8	37.0	38.9	39.4
R05-3191	38.9	39.9	.	.	39.7	37.9	39.3	39.9	38.1	32.3	37.3	38.1
R06-2597	38.9	40.1	.	.	39.1	38.2	38.9	40.2	37.0	37.2	36.9	38.5
R07-1769	39.0	40.6	.	.	38.5	37.9	37.7	39.6	39.8	36.6	36.6	38.5
R07-6046	39.5	40.9	.	.	39.1	38.0	38.7	38.7	38.1	34.0	38.2	38.4
S07-18772	41.9	41.9	.	.	40.0	41.1	40.5	41.8	40.3	36.2	39.1	40.3
S08-10645	41.4	41.0	.	.	42.1	38.8	39.3	41.8	38.9	34.9	37.7	39.5
S08-12102	40.5	39.6	.	.	40.8	38.7	40.0	41.1	40.6	34.3	39.6	39.4
S08-17865	39.1	40.7	.	.	37.5	36.3	37.8	40.5	37.4	34.7	37.8	38.0
S08-7048	40.5	40.9	.	.	41.6	40.1	40.2	40.4	39.8	34.4	38.4	39.6
S08-8972	40.0	41.1	.	.	40.7	37.5	38.4	39.5	38.2	35.9	36.7	38.7
TN08-100	40.9	40.5	.	.	41.3	40.1	39.9	40.9	38.5	38.8	38.5	39.9
TN08-101	40.9	40.9	.	.	41.2	38.8	40.7	41.7	39.7	36.4	37.8	39.8
TN08-118	38.3	39.2	.	.	37.7	35.4	36.7	38.3	36.3	34.6	36.2	37.0
TN09-004	37.6	40.2	.	.	37.9	36.5	36.8	39.8	.	34.1	35.2	37.2
TN09-239	41.7	41.6	.	.	41.5	41.2	40.7	41.5	40.9	35.9	39.2	40.5
V06-0245	37.1	39.0	.	.	41.5	37.4	38.0	38.8	.	34.5	37.3	37.9
V06-0283	40.8	40.6	.	.	40.7	38.3	39.7	41.4	.	37.5	39.8	39.8
V06-0488	40.8	40.9	.	.	41.3	38.0	40.4	40.3	.	36.1	37.8	39.4
V06-3392	39.8	40.8	.	.	41.1	38.8	38.5	40.4	.	37.5	39.0	39.5
V07-3105	42.5	43.0	.	.	42.0	39.9	40.9	41.9	.	36.8	40.4	40.9
V07-5781	39.1	40.6	.	.	39.3	36.7	37.2	38.9	.	38.6	36.2	38.3
Mean	40.1	41.0	.	.	40.4	38.6	39.3	40.8	39.2	36.5	37.8	.

TABLE 50 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Kinston, NC(A)	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	11.7	15.4	16.2	16.0	16.9	15.0	13.2	16.0	12.3	.	11.1	14.4
5601T	13.1	13.6	14.7	14.4	15.3	13.1	12.2	12.1	11.9	.	11.2	13.1
5002T	13.8	15.0	17.0	17.3	16.2	15.7	14.3	13.4	14.5	.	12.1	14.9
OSAGE	11.3	13.5	14.9	14.2	14.1	12.7	11.5	11.6	10.2	.	13.2	12.7
JTN-5503	14.0	14.0	16.0	13.9	15.4	15.2	12.8	14.1	11.8	.	11.5	13.9
JTN-4308	11.6	7.9	13.7	13.5	14.7	12.9	12.5	12.8	11.3	.	12.1	12.3
JTN-5110	14.7	15.6	15.7	14.4	16.6	14.7	12.8	14.0	12.4	.	11.5	14.2
JTN-5208	12.1	13.4	13.9	12.4	13.5	11.8	10.7	11.1	10.6	.	13.3	12.3
K08-5862	13.1	13.9	18.6	15.1	17.3	14.7	12.8	11.7	13.6	.	11.1	14.2
K08-5898	11.9	13.8	16.4	13.8	15.5	13.7	12.1	11.1	13.4	.	12.5	13.4
K08-5911	11.6	12.9	14.5	13.6	13.5	12.7	11.9	11.3	11.6	.	12.9	12.6
K08-5997	12.4	15.4	19.0	16.9	18.5	14.4	13.5	14.5	13.8	.	12.0	15.0
K08-6031	14.1	14.7	17.6	16.8	16.9	14.6	14.0	12.9	13.2	.	12.5	14.7
Md 0708WN 145	13.8	14.7	17.4	15.8	18.5	15.8	13.0	13.4	18.1	.	14.0	14.8
Md 0708WN 86	11.9	14.4	17.1	13.7	15.5	13.5	12.8	13.6	11.9	.	10.7	13.5
Md 0708WN 90	10.1	13.0	15.1	12.5	15.6	14.0	11.4	12.3	10.7	.	11.1	12.6
DB00-087-08	11.4	12.6	14.1	13.6	14.2	13.0	11.6	11.2	10.7	.	12.1	12.4
NCC07-1148R	13.9	14.4	16.1	15.8	16.8	15.3	13.4	12.5	12.0	.	12.2	14.2
NCC07-241R	10.9	10.9	13.7	11.9	14.0	11.3	11.2	10.5	10.2	.	12.5	11.7
NCC07-7506	12.3	14.0	15.5	13.9	15.1	13.7	13.0	11.6	12.4	.	12.1	13.3
NCC07-7590	11.1	13.8	14.8	13.9	15.0	13.6	11.5	10.4	11.2	.	11.3	12.7
NCC07-869R	9.0	11.2	14.3	13.2	14.9	13.2	11.4	10.2	10.2	.	9.9	11.7
NCC07-974R	10.2	10.3	14.8	12.6	14.3	12.3	11.4	11.2	11.1	.	11.4	12.0
NMS4-37-308-1	6.2	14.8	9.8	9.2	9.1	7.5	7.1	8.0	11.2	.	12.1	9.5
R03-862	11.8	15.9	16.3	13.9	16.7	12.8	12.5	11.1	11.6	.	12.1	13.5
R04-366	13.7	14.4	16.5	15.6	17.8	14.3	13.2	12.8	12.6	.	12.0	14.3
R05-3191	11.1	13.1	13.7	12.0	14.2	11.7	10.1	10.9	10.5	.	10.8	11.8
R06-2597	12.2	12.9	15.4	12.9	14.5	11.9	11.4	11.9	10.9	.	10.5	12.4
R07-1769	12.7	14.1	16.4	15.7	15.0	15.0	13.3	12.6	12.8	.	10.8	13.8
R07-6046	12.5	15.0	16.6	15.6	16.4	13.6	12.5	12.2	12.3	.	11.7	13.8
S07-18772	12.1	11.2	14.8	13.4	15.5	12.8	12.0	11.4	11.6	.	11.5	12.6
S08-10645	12.2	12.6	14.8	14.4	16.4	13.7	11.9	14.1	11.8	.	10.9	13.3
S08-12102	9.7	11.2	13.0	11.3	13.0	11.2	9.6	10.3	9.5	.	11.9	11.1
S08-17865	13.7	14.0	15.7	14.7	16.1	15.2	13.6	12.7	12.7	.	11.8	14.0
S08-7048	13.1	12.0	16.5	14.6	16.8	15.9	13.1	13.5	12.4	.	9.6	13.7
S08-8972	11.8	12.6	14.5	13.8	16.7	14.1	12.0	11.8	11.7	.	12.4	13.1
TN08-100	14.1	15.5	15.6	15.7	18.3	15.0	13.6	13.0	12.7	.	12.7	14.6
TN08-101	13.3	13.2	17.6	16.3	18.1	14.8	14.1	13.3	13.1	.	10.2	14.4
TN08-118	11.9	14.5	14.8	13.9	15.6	14.9	12.3	12.6	12.3	.	11.7	13.4
TN09-004	13.3	13.4	16.9	14.1	16.8	15.1	12.4	12.7	.	.	11.7	13.9
TN09-239	15.6	16.0	16.8	16.4	17.3	17.0	15.0	13.7	14.2	.	12.0	15.4
V06-0245	10.6	11.0	13.9	11.4	15.8	11.3	10.2	10.4	.	.	11.6	11.6
V06-0283	12.9	16.7	16.7	15.8	18.4	14.8	13.9	12.9	.	.	11.3	14.7
V06-0488	11.0	13.2	15.2	14.3	16.4	13.0	12.4	11.3	.	.	11.8	13.0
V06-3392	13.1	15.2	17.2	15.9	17.7	14.7	13.5	11.8	.	.	12.3	14.4
V07-3105	10.0	11.7	11.6	11.6	13.1	11.3	9.6	9.5	.	.	12.7	11.1
V07-5781	12.5	12.7	15.1	12.8	15.6	12.4	11.4	10.2	.	.	12.3	12.6
Mean	12.1	13.5	15.5	14.1	15.7	13.6	12.2	12.1	11.9	.	11.7	.

TABLE 51 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Jackson, Kinston, McCune, Pine Tree, Pittsburg, Plymouth, Portageville, Queenstown, Stoneville, Stuttgart, Warsaw, Test											
	TN	NC(A)	KS	AR	KS	NC(B)	MO(B)	MD	MS	AR	VA	Mean
AG 5606	9/29	10/13	.	10/7	.	10/8	10/14	10/21	9/18	9/30	10/7	10/7
5601T	0	1	.	-2	.	-3	-3	-3	-1	-3	-1	-2
5002T	0	-1	.	-2	.	-13	-8	-9	-8	-6	2	-5
OSAGE	0	-1	.	-3	.	-5	-2	-3	-5	-3	0	-2
JTN-5503	3	2	.	-1	.	1	-1	-2	1	0	-1	0
JTN-4308	9	5	.	1	.	0	1	4	3	0	4	3
JTN-5110	5	0	.	-4	.	-3	-2	-2	-1	0	3	0
JTN-5208	7	1	.	1	.	-1	0	1	-3	-2	-5	0
K08-5862	-6	-3	.	-11	.	-13	-10	-10	-19	-14	5	-9
K08-5898	-6	-1	.	-12	.	-15	-10	-10	-19	-14	5	-9
K08-5911	-6	-2	.	-11	.	-14	-10	-9	-17	-15	-7	-10
K08-5997	2	0	.	-1	.	-7	-5	-3	-7	-3	-2	-3
K08-6031	0	2	.	-3	.	-1	-3	-5	-6	-4	2	-2
Md 0708WN 145	-2	0	.	-6	.	-12	-8	-6	-10	-6	3	-5
Md 0708WN 86	13	6	.	5	.	1	3	3	0	5	3	4
Md 0708WN 90	9	4	.	3	.	-12	-1	-2	12	5	2	2
DB00-087-08	9	0	.	-2	.	0	-3	-3	-5	-6	3	-1
NCC07-1148R	2	1	.	-3	.	-1	-1	-3	-5	-3	0	-1
NCC07-241R	-6	-3	.	-8	.	-14	-9	-10	-9	-11	2	-7
NCC07-7506	-2	0	.	-3	.	-1	-6	-3	-7	-5	0	-3
NCC07-7590	-4	-3	.	-6	.	-3	-5	-5	-6	-6	0	-4
NCC07-869R	-6	2	.	-7	.	-4	-3	-5	-8	-5	0	-4
NCC07-974R	-6	-3	.	-7	.	-12	-9	-4	-8	-15	0	-7
NMS4-37-308-1	12	4	.	10	.	4	4	5	12	5	-4	6
R03-862	9	3	.	0	.	3	0	5	6	0	6	4
R04-366	7	1	.	-1	.	-1	-1	-1	4	0	3	1
R05-3191	9	2	.	0	.	-1	-1	-1	5	2	3	2
R06-2597	7	2	.	0	.	-6	0	-1	-2	2	-7	0
R07-1769	2	0	.	0	.	0	-1	-2	-2	0	-4	-1
R07-6046	2	3	.	-2	.	0	-1	-1	-1	0	-4	0
S07-18772	-4	-3	.	-6	.	-14	-4	-3	-11	-8	-4	-6
S08-10645	5	0	.	0	.	-13	-4	-4	-9	-6	-4	-4
S08-12102	1	2	.	-1	.	-1	-1	-1	-6	-1	-10	-2
S08-17865	6	2	.	-3	.	-8	-3	-3	-8	-3	0	-2
S08-7048	1	-5	.	-7	.	-9	-4	-7	-12	-4	3	-5
S08-8972	1	2	.	0	.	-7	-2	-7	-10	-3	-7	-4
TN08-100	2	1	.	-2	.	-4	-1	-3	-1	-2	-5	-2
TN08-101	-1	-2	.	-3	.	-8	-5	-5	-7	-3	3	-3
TN08-118	0	5	.	-1	.	0	-1	-1	2	0	-4	0
TN09-004	-2	1	.	-6	.	-13	-7	-8	-7	-5	-4	-6
TN09-239	3	1	.	0	.	-8	-4	-4	1	-2	-4	-2
V06-0245	4	1	.	-2	.	-2	-2	-2	-1	-1	-2	-1
V06-0283	5	2	.	-2	.	0	1	7	-2	2	-10	0
V06-0488	-4	0	.	-2	.	-2	-3	-4	-2	-2	-2	-2
V06-3392	8	3	.	0	.	1	1	-3	-1	5	0	1
V07-3105	0	-2	.	-6	.	-4	-3	-4	-10	-7	0	-4
V07-5781	-4	-2	.	-5	.	-13	-6	-5	-8	-7	2	-5
Mean	2	0	.	-2	.	-5	-3	-3	-4	-3	-1	.

TABLE 52 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Kinston, NC(A)	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	41	42	33	14	37	38	32	36	30	33	20	32
5601T	35	32	32	13	37	29	29	36	27	32	19	29
5002T	28	30	25	12	30	27	24	30	21	23	23	25
OSAGE	32	28	25	15	27	29	26	28	21	24	18	25
JTN-5503	36	30	29	11	32	32	29	36	23	28	17	27
JTN-4308	46	29	36	16	36	38	33	40	22	33	22	32
JTN-5110	34	22	28	12	31	30	25	35	21	28	22	26
JTN-5208	45	36	32	15	35	38	33	42	27	33	25	33
K08-5862	32	40	28	10	31	28	23	28	23	26	21	26
K08-5898	31	34	29	10	32	31	24	28	22	23	23	26
K08-5911	33	32	29	11	33	28	24	30	22	21	18	25
K08-5997	32	24	25	11	32	25	22	29	20	23	24	24
K08-6031	32	26	25	7	29	25	27	31	34	23	24	26
Md 0708WN 145	52	39	28	36	34	51	45	43	51	40	28	40
Md 0708WN 86	58	48	35	38	35	49	43	41	46	44	24	42
Md 0708WN 90	53	42	32	34	34	51	42	39	50	43	23	40
DB00-087-08	36	32	25	13	29	31	30	35	25	32	25	28
NCC07-1148R	47	38	34	16	35	39	33	33	23	30	22	32
NCC07-241R	32	32	24	12	30	30	24	35	22	28	21	26
NCC07-7506	34	32	30	11	34	28	24	38	20	23	25	27
NCC07-7590	39	30	30	14	34	33	28	35	25	29	23	29
NCC07-869R	33	32	26	13	28	29	24	32	22	26	21	26
NCC07-974R	27	26	23	11	26	29	23	31	22	24	22	24
NMS4-37-308-1	41	36	30	27	33	39	31	40	25	33	21	32
R03-862	34	32	21	11	30	32	23	29	24	25	24	26
R04-366	39	34	30	15	33	32	26	32	26	29	27	29
R05-3191	36	36	31	17	33	34	27	33	27	27	23	29
R06-2597	34	35	29	16	32	33	27	31	24	25	20	28
R07-1769	38	33	34	13	37	35	31	34	29	31	20	30
R07-6046	41	36	30	17	36	32	32	38	28	31	24	31
S07-18772	33	33	28	13	31	31	28	34	27	27	21	28
S08-10645	57	43	32	29	40	48	47	46	42	41	19	40
S08-12102	43	48	36	17	37	31	31	38	26	34	24	33
S08-17865	33	34	27	13	37	31	26	30	24	25	27	28
S08-7048	51	34	28	38	32	47	42	34	49	37	24	38
S08-8972	58	42	36	33	37	50	44	41	48	38	19	40
TN08-100	38	30	26	14	32	32	26	33	22	29	25	28
TN08-101	39	33	30	11	33	31	26	33	21	26	30	28
TN08-118	29	30	28	13	30	33	24	31	20	26	21	26
TN09-004	28	32	30	12	31	28	26	30	25	28	21	26
TN09-239	58	48	38	40	41	51	51	45	56	44	22	45
V06-0245	35	30	30	12	35	31	27	40	26	28	25	29
V06-0283	36	28	27	11	29	33	26	34	20	27	22	26
V06-0488	32	27	28	12	27	33	30	32	21	31	24	27
V06-3392	38	32	29	14	30	38	26	34	26	30	23	29
V07-3105	37	31	30	12	35	29	26	33	29	26	20	28
V07-5781	37	30	26	9	30	30	24	23	23	26	19	25
Mean	39	34	29	16	33	34	30	34	28	29	22	.

TABLE 53 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Kinston, NC(A)	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	2.0	2.0	1.5	1.0	2.0	2.0	1.5	1.5	2.0	2.3	1.0	1.7
5601T	1.0	2.0	1.0	1.0	1.0	1.0	1.5	1.7	2.0	2.0	1.1	1.4
5002T	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.2	2.0	2.0	1.1	1.3
OSAGE	2.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.8	1.1	1.3
JTN-5503	2.0	2.0	1.0	1.0	1.5	1.8	1.5	2.0	2.0	2.0	1.0	1.6
JTN-4308	2.0	3.5	2.0	1.0	1.0	2.5	2.0	2.2	2.0	2.0	1.0	1.9
JTN-5110	3.0	2.0	1.0	1.0	1.0	1.0	1.0	2.2	2.0	2.3	1.0	1.6
JTN-5208	3.0	2.5	2.0	1.0	2.0	3.0	2.0	3.5	2.0	2.3	1.2	2.2
K08-5862	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.8	1.0	1.2
K08-5898	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.2	2.0	1.2	1.0	1.2
K08-5911	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.2	2.0	2.0	1.0	1.3
K08-5997	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.2	2.0	1.0	1.2	1.2
K08-6031	2.0	1.5	1.5	1.0	1.0	1.0	1.0	1.2	2.0	1.2	1.1	1.3
Md 0708WN 145	3.0	2.0	1.0	2.0	1.0	2.0	2.5	1.7	3.0	3.0	1.2	2.0
Md 0708WN 86	4.0	2.0	1.5	2.5	1.0	2.7	3.0	2.0	3.0	3.0	1.1	2.4
Md 0708WN 90	3.5	2.0	1.5	2.0	1.0	3.0	2.5	1.7	5.0	2.5	1.1	2.4
DB00-087-08	4.0	2.5	1.5	1.0	1.0	1.8	2.5	2.2	2.0	2.8	1.1	2.0
NCC07-1148R	3.0	2.0	1.5	1.0	1.0	1.5	2.0	1.7	2.0	2.5	1.1	1.8
NCC07-241R	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.2	2.0	1.8	1.1	1.3
NCC07-7506	2.0	1.5	1.0	1.0	1.0	1.1	1.5	2.0	2.0	1.8	1.2	1.5
NCC07-7590	2.0	2.0	1.5	1.0	1.0	1.4	1.0	1.2	2.0	1.0	1.1	1.4
NCC07-869R	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.2	2.0	1.8	1.1	1.2
NCC07-974R	1.0	1.5	1.5	1.0	1.0	1.0	1.0	1.5	2.0	1.5	1.0	1.3
NMS4-37-308-1	3.5	2.0	1.0	1.5	1.5	3.3	3.0	3.5	2.0	3.0	1.1	2.3
R03-862	2.0	2.0	1.5	1.0	1.0	1.3	1.0	1.2	2.0	1.8	1.1	1.4
R04-366	2.0	2.0	1.5	1.0	1.5	1.4	1.0	1.2	2.0	1.8	1.2	1.5
R05-3191	3.0	2.0	1.5	1.0	1.0	1.4	1.0	1.7	2.0	2.5	1.1	1.7
R06-2597	2.0	2.0	1.0	1.0	1.0	1.1	1.0	1.5	2.0	2.3	1.0	1.4
R07-1769	2.5	2.0	1.5	1.0	2.0	1.9	1.5	1.2	2.0	2.5	1.0	1.7
R07-6046	3.0	3.0	1.5	1.0	2.0	3.0	1.0	2.0	2.0	1.8	1.2	1.9
S07-18772	2.5	2.0	1.0	1.0	1.5	1.0	2.0	2.2	2.0	2.0	1.1	1.7
S08-10645	3.5	2.5	1.0	1.0	1.0	1.5	2.5	2.0	3.0	2.5	1.0	1.9
S08-12102	3.0	2.0	1.5	1.0	2.0	2.3	2.0	2.0	2.0	2.0	1.2	1.9
S08-17865	1.5	2.0	1.0	1.0	2.0	1.0	1.0	1.2	2.0	1.5	1.5	1.4
S08-7048	2.5	2.0	1.0	2.0	1.0	2.3	3.0	1.5	3.0	3.0	1.1	2.0
S08-8972	4.0	2.0	1.5	2.0	1.0	1.8	2.0	1.5	3.0	2.7	1.0	2.1
TN08-100	1.5	1.5	1.0	1.0	1.0	1.3	1.0	1.2	2.0	1.8	1.3	1.3
TN08-101	2.0	1.5	1.0	1.0	1.0	1.0	1.0	1.5	2.0	1.8	1.2	1.4
TN08-118	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.5	2.0	1.8	1.0	1.3
TN09-004	1.5	1.5	1.0	1.0	1.0	1.0	1.5	1.5	2.0	1.5	1.0	1.3
TN09-239	3.5	2.0	1.0	2.5	1.0	2.3	2.0	1.7	5.0	3.3	1.1	2.3
V06-0245	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0	2.0	1.3	1.4
V06-0283	2.0	2.0	1.0	1.0	1.0	1.1	1.0	1.5	2.0	2.0	1.1	1.4
V06-0488	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.1	1.3
V06-3392	1.5	1.5	1.5	1.0	1.0	1.1	1.5	1.0	2.0	1.8	1.1	1.4
V07-3105	1.0	2.0	1.0	1.0	1.5	1.0	1.0	1.2	2.0	1.5	1.0	1.3
V07-5781	2.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.8	1.1	1.3
Mean	2.1	1.9	1.2	1.2	1.2	1.5	1.5	1.6	2.2	2.0	1.1	.

TABLE 54 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP V FOR YEAR 2010

STRAIN/ VARIETY	Jackson, TN	Kinston, NC(A)	McCune, KS	Pine Tree, AR	Pittsburg, KS	Plymouth, NC(B)	Portageville, MO(B)	Queenstown, MD	Stoneville, MS	Stuttgart, AR	Warsaw, VA	Test Mean
AG 5606	2.0	.	2.0	1.0	2.0	3.0	2.5	1.5	2.0	.	2.0	2.0
5601T	2.0	.	2.0	1.0	1.0	3.3	2.5	1.5	2.0	.	2.2	1.9
5002T	2.5	.	2.0	1.0	2.0	3.0	2.0	1.2	2.0	.	2.5	2.0
OSAGE	1.5	.	2.0	1.0	2.0	3.0	3.0	1.0	2.0	.	2.5	2.0
JTN-5503	2.0	.	2.0	1.0	2.0	3.0	2.0	1.0	2.0	.	2.4	1.9
JTN-4308	2.5	.	2.0	1.0	2.0	3.0	3.0	1.0	2.0	.	3.0	2.2
JTN-5110	2.0	.	2.0	1.0	2.0	3.5	2.5	1.5	2.0	.	3.0	2.2
JTN-5208	1.5	.	2.0	1.0	2.0	3.0	2.5	1.7	2.0	.	2.8	2.1
K08-5862	2.0	.	2.0	2.0	2.0	3.3	2.0	1.2	2.0	.	2.6	2.1
K08-5898	2.0	.	2.0	2.0	2.0	3.8	2.0	1.5	2.0	.	2.7	2.2
K08-5911	2.0	.	2.0	1.0	2.0	3.8	2.0	1.5	2.0	.	2.3	2.1
K08-5997	2.0	.	2.0	1.0	2.0	3.5	3.0	1.2	2.0	.	2.2	2.1
K08-6031	1.5	.	2.0	1.0	2.0	3.5	2.5	1.7	2.0	.	2.8	2.1
Md 0708WN 145	3.5	.	2.0	1.0	2.0	3.5	3.0	1.7	3.0	.	2.5	2.5
Md 0708WN 86	2.5	.	2.0	2.0	2.0	3.3	3.0	1.0	2.0	.	2.0	2.2
Md 0708WN 90	3.0	.	2.0	1.5	2.0	3.5	3.0	1.7	4.0	.	2.1	2.5
DB00-087-08	2.0	.	1.0	1.0	1.0	3.3	3.0	1.0	2.0	.	2.7	1.9
NCC07-1148R	2.0	.	2.0	1.0	2.0	3.0	3.0	1.0	2.0	.	2.6	2.1
NCC07-241R	1.0	.	2.0	1.0	2.0	3.5	3.0	1.7	2.0	.	2.7	2.1
NCC07-7506	2.0	.	2.0	2.0	2.0	3.0	2.5	1.7	2.0	.	2.3	2.2
NCC07-7590	2.0	.	2.0	1.5	2.0	3.5	2.0	1.2	2.0	.	2.1	2.0
NCC07-869R	2.0	.	1.0	1.5	2.0	3.0	2.0	1.0	2.0	.	1.7	1.8
NCC07-974R	2.0	.	2.0	1.0	3.0	3.3	2.0	2.0	2.0	.	2.2	2.2
NMS4-37-308-1	2.0	.	2.0	1.0	2.0	3.0	3.0	2.0	5.0	.	2.4	2.4
R03-862	1.5	.	1.0	1.0	2.0	2.8	3.0	1.5	2.0	.	3.0	2.0
R04-366	2.0	.	2.0	1.0	2.0	3.3	2.5	1.5	2.0	.	2.4	2.1
R05-3191	1.0	.	1.0	1.0	2.0	3.5	2.5	1.2	2.0	.	2.1	1.8
R06-2597	1.0	.	1.0	1.0	2.0	3.3	2.0	1.5	2.0	.	2.0	1.7
R07-1769	1.5	.	2.0	1.0	2.0	3.0	2.0	1.0	2.0	.	2.3	1.9
R07-6046	1.0	.	1.0	1.0	2.0	3.5	3.0	2.0	3.0	.	2.4	2.1
S07-18772	2.0	.	2.0	1.5	2.0	3.3	2.5	1.7	2.0	.	2.3	2.2
S08-10645	2.0	.	2.0	1.5	1.0	3.0	3.0	2.0	2.0	.	2.2	2.1
S08-12102	1.5	.	1.0	1.0	2.0	3.0	3.0	2.0	2.0	.	2.4	2.0
S08-17865	1.5	.	2.0	1.0	2.0	3.3	2.5	1.0	2.0	.	2.5	2.0
S08-7048	2.0	.	2.0	2.0	2.0	3.3	2.5	2.0	2.0	.	2.2	2.2
S08-8972	2.0	.	1.0	1.5	2.0	3.8	3.0	1.7	3.0	.	2.2	2.2
TN08-100	2.0	.	1.0	1.0	2.0	3.5	2.5	2.0	2.0	.	2.6	2.1
TN08-101	2.0	.	2.0	1.0	2.0	3.5	3.0	2.0	2.0	.	2.1	2.2
TN08-118	1.5	.	2.0	1.0	2.0	3.0	3.0	1.7	2.0	.	2.0	2.0
TN09-004	2.0	.	2.0	2.0	2.0	3.0	3.0	1.7	2.0	.	2.0	2.2
TN09-239	2.0	.	2.0	1.0	2.0	3.5	3.5	2.0	2.0	.	1.9	2.2
V06-0245	1.5	.	2.0	1.0	2.0	3.3	2.5	1.7	2.0	.	2.2	2.0
V06-0283	2.0	.	1.0	1.0	2.0	3.5	3.0	1.0	2.0	.	2.0	1.9
V06-0488	2.0	.	2.0	1.0	2.0	3.5	2.5	2.0	2.0	.	2.2	2.1
V06-3392	1.5	.	2.0	1.0	2.0	3.3	3.0	1.5	2.0	.	2.3	2.1
V07-3105	1.5	.	2.0	2.0	2.0	3.5	2.0	2.0	2.0	.	2.5	2.2
V07-5781	2.0	.	2.0	1.5	2.0	3.2	2.5	2.2	2.0	.	2.7	2.3
Mean	1.9	.	1.8	1.2	2.0	3.3	2.6	1.6	2.2	.	2.3	.

TABLE 55 - PARENTAGE OF STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	DILLON	Centennial x Young		
2	AGS606RR			
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	N04-9646	BOGGS X NTCPR94-5157	F4	Slow Wilt
7	N05-7353	N7002 x N98-7265	F4	Diversity, Drought 25%
8	N05-7375	N7002 x N98-7265	F4	Diversity, Drought 25% 471938, 12.5% 416 937
9	N06-7023	N98-7265 x N98-7288	F4	Slow Wilt 471938
10	NCC04-5336R	NC 97-61 x NC Roy RR, BC1F1	F4:11	
11	NCC04-619	N97-61 x TN96-64	F4:11	narrow leaf
12	NCC05-1543	N97-61xN95-614	F4:10	
13	NCC06-1090	N99-8137xTN99-117	F4:9	
14	NCC06-5894R	TN99-184xNC ROY RR, BC4F2	F4:9	
15	R02-3065	HBK 5990 x Anand	F5	
16	R03-1250	PIO 9592 x KS4895	F5	
17	R04-342	R97-1650 x 98601	F5	
18	R04-522	Lonoke x P9594	F5	
19	R05-138	MD 4900 x Ozark	F5	
20	SC04-41	DILLON(3)/N94-199	F5	LOW LIN
21	VS04-781	Kanrich x PI 506852	F6	50% exotic
22	VS04-922	V81-1603 x PI 379621	F6	50% exitic
23	VS04-964	V81-1603 x Verde	F6	0% exotic
24	VS07-1023	V81-1603 x PI 506852	F6	
25	VS22-537	Forrest x Essex	F6	50% exotic

**TABLE 56 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN UNIFORM TEST VI FOR YEAR 2010**

STRAIN/ VARIETY	AVERAGE		YIELD‡			PROTEIN			OIL		
	RANK	RANK	2010	09-10	08-10	2010	09-10	08-10	2010	09-10	08-10
DILLON	6	9	48.3	46.4	46.0	40.4	40.6	41.1	19.4	20.0	20.0
AGS606RR	10	11	47.5	.	.	41.8	.	.	18.5	.	.
NC-ROY	9	11	47.7	48.4	47.1	40.9	40.9	41.3	18.6	19.2	19.3
G05-1102 RR	13	11	47.1	48.6	.	40.9	41.0	.	19.2	19.8	.
G06-2460 RR	17	15	45.3	.	.	41.0	.	.	17.8	.	.
N04-9646	12	12	47.3	47.5	.	39.3	39.9	.	18.4	19.0	.
N05-7353	16	13	45.7	.	.	39.9	.	.	19.5	.	.
N05-7375	14	11	47.0	.	.	38.5	.	.	20.6	.	.
N06-7023	15	10	46.9	.	.	39.2	.	.	21.1	.	.
NCC04-5336R	20	19	41.1	44.2	44.1	40.1	40.7	41.4	18.8	19.2	19.3
NCC04-619	18	15	44.2	47.1	46.1	39.1	39.2	39.6	19.3	20.0	20.2
NCC05-1543	21	17	40.6	43.7	.	39.6	40.1	.	19.5	20.0	.
NCC06-1090	1	6	50.6	.	.	38.5	.	.	20.9	.	.
NCC06-5894R	11	10	47.5	.	.	39.7	.	.	18.7	.	.
R02-3065	4	8	48.9	49.9	49.4	41.1	41.3	41.5	19.6	19.7	19.7
R03-1250	5	8	48.6	49.6	.	40.6	40.4	.	20.2	20.6	.
R04-342	2	6	50.3	50.9	50.2	40.8	40.6	40.8	20.2	20.5	20.6
R04-522	3	8	49.5	48.9	.	39.5	39.5	.	19.3	20.0	.
R05-138	7	8	48.1	.	.	39.1	.	.	19.2	.	.
SC04-41	19	16	43.7	43.9	43.4	40.5	40.7	41.3	20.4	20.4	20.2
VS04-781	24	23	32.0	.	.	40.5	.	.	18.9	.	.
VS04-922	25	24	30.8	.	.	41.9	.	.	17.9	.	.
VS04-964	23	22	34.5	.	.	41.0	.	.	19.1	.	.
VS07-1023	8	11	47.8	45.3	.	41.8	41.8	.	18.5	18.8	.
VS22-537	22	20	39.6	40.0	40.6	40.7	40.7	40.9	18.2	19.1	19.4
Mean	.	.	44.8	.	.	40.3	.	.	19.3	.	.
LSD(0.05)	.	.	5.2	.	.	1.3	.	.	0.9	.	.
CV(%)	.	.	13.7	.	.	3.2	.	.	4.9	.	.

‡Data not included in mean: 2010 – Stoneville, MS; Calhoun, GA
2009 – Bossier City, LA (only yield was omitted)

TABLE 57 - GENERAL SUMMARY OF BOTANICAL TRAITS FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2010

STRAIN/ VARIETY	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SEED SIZE	FL. COLOR	PUB. COLOR	POD COLOR
DILLON	0	.	36	2.3	14.7	P	G	T
AGS606RR	-2	.	30	2.3	14.5	W	T	T
NC-ROY	7	.	37	2.1	12.5	W	G	Br
G05-1102 RR	6	.	37	1.9	12.8	P	T	T
G06-2460 RR	0	.	33	2.0	12.4	P	T	T
N04-9646	8	.	36	2.1	12.8	W	T	T
N05-7353	3	.	32	2.1	13.5	W	G	T
N05-7375	0	.	32	2.1	13.7	P	G	T
N06-7023	1	.	32	2.1	15.0	W	G	T
NCC04-5336R	6	.	30	1.9	12.5	W	G	Br
NCC04-619	4	.	28	2.0	11.9	P	G	T
NCC05-1543	3	.	25	2.3	12.3	W	T	T
NCC06-1090	1	.	32	2.5	15.4	P	G	T
NCC06-5894R	5	.	31	1.8	11.6	W	G	T
R02-3065	-2	.	30	2.3	15.9	P	T	T
R03-1250	-4	.	31	2.6	14.6	W	G	T
R04-342	-6	.	28	2.6	15.0	P	G	T
R04-522	-6	.	31	2.3	11.9	W	G	T
R05-138	-5	.	28	2.1	13.1	P	G	T
SC04-41	2	.	36	1.9	14.2	P	G	T
VS04-781	5	.	48	2.4	17.3	P	G	T
VS04-922	10	.	36	2.6	16.2	W	G	T
VS04-964	16	.	58	2.7	17.9	P	G	T
VS07-1023	4	.	35	1.9	12.3	W	G	T
VS22-537	-8	.	32	2.5	11.9	W	T	T
Mean	2	.	34	2.2	13.8			
LSD(0.05)	3	.	3	0.4	1.0			
CV(%)	196	.	13	21.0	7.4			

**TABLE 58 - GENERAL SUMMARY OF PEST REACTION FOR STRAIN/VARIETY
GROWN IN UNIFORM TEST VI FOR YEAR 2010**

STRAIN/ VARIETY	SCN HG TYPE	SCN HG TYPE	SCN HG TYPE	PRK	SRK	SMV G1	SC	SC	SDS
	1.2.5.7	7	1.3.5.6.7							GA	GA	REACTION	RATING	SCORE	DX
	Race 2	Race 3	Race 14						
DILLON	5	5	.	4.5	3.3		SS	3	.
AGS606RR	5	3	.	4.5	2.0		R	1	.
NC-ROY	5	5	.	4.3	5.0		SS	3	.
G05-1102 RR	5	1	.	4.3	1.0		R	1	.
G06-2460 RR	5	1	.	2.5	1.0		R	1	.
N04-9646	5	5	.	4.0	5.0		R	1	.
N05-7353	5	4	.	4.0	4.8		MS	4	.
N05-7375	5	5	.	4.8	2.0		R	1	.
N06-7023	5	5	.	4.5	4.8		SS	3	.
NCC04-5336R	4	5	.	3.3	4.5		R	1	.
NCC04-619	5	5	.	4.3	4.5		R	1	.
NCC05-1543	5	5	.	4.5	4.0		R	1	.
NCC06-1090	5	5	.	3.8	5.0		R	1	.
NCC06-5894R	5	5	.	3.5	4.8		R	1	.
R02-3065	5	4	.	4.3	5.0		R	1	.
R03-1250	5	5	.	3.5	5.0		R	1	.
R04-342	5	5	.	4.5	2.0		MS	4	.
R04-522	5	3	.	4.0	5.0		R	1	.
R05-138	5	5	.	4.0	5.0		R	1	.
SC04-41	5	5	.	4.8	4.0		SS	3	.
VS04-781	5	5	.	4.0	2.8		R	1	.
VS04-922	5	5	.	4.0	4.8		R	1	.
VS04-964	5	5	.	4.3	5.0		R	1	.
VS07-1023	4	1	.	3.0	1.8		R	1	.
VS22-537	4	2	.	4.3	1.0		SS	3	.

TABLE 59 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2010

Delta

STRAIN/ VARIETY	Stoneville, ‡ MS	Stuttgart, AR	Area Mean
DILLON	51.9	52.8	52.8
AGS606RR	50.6	49.2	49.2
NC-ROY	49.2	51.9	51.9
G05-1102 RR	41.9	51.2	51.2
G06-2460 RR	47.3	50.8	50.8
N04-9646	40.4	48.6	48.6
N05-7353	45.7	51.9	51.9
N05-7375	41.2	51.1	51.1
N06-7023	40.7	52.6	52.6
NCC04-5336R	24.8	46.6	46.6
NCC04-619	28.7	49.2	49.2
NCC05-1543	27.1	50.5	50.5
NCC06-1090	52.0	53.4	53.4
NCC06-5894R	51.8	53.4	53.4
R02-3065	48.6	51.4	51.4
R03-1250	59.4	50.0	50.0
R04-342	40.8	57.1	57.1
R04-522	60.3	53.8	53.8
R05-138	55.6	51.5	51.5
SC04-41	37.5	48.6	48.6
VS04-781	14.7	35.1	35.1
VS04-922	15.7	26.1	26.1
VS04-964	16.8	35.7	35.7
VS07-1023	25.3	52.1	52.1
VS22-537	40.8	45.5	45.5
Mean	40.4	48.8	48.8
LSD(0.05)	10.4	5.7	.
CV(%)	15.7	6.9	.

‡Data not included in mean.

TABLE 59 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(B)	Plymouth, NC(A)	Area Mean
DILLON	27.3	48.7	38.0
AGS606RR	32.2	43.0	37.6
NC-ROY	23.4	41.9	32.7
G05-1102 RR	20.2	43.4	31.8
G06-2460 RR	26.8	40.0	33.4
N04-9646	16.5	39.4	28.0
N05-7353	26.8	46.0	36.4
N05-7375	28.3	45.5	36.9
N06-7023	27.1	44.7	35.9
NCC04-5336R	20.1	39.3	29.7
NCC04-619	17.1	34.4	25.7
NCC05-1543	27.3	43.7	35.5
NCC06-1090	32.0	52.8	42.4
NCC06-5894R	30.7	45.4	38.1
R02-3065	33.4	51.9	42.6
R03-1250	34.2	43.6	38.9
R04-342	35.3	48.8	42.0
R04-522	35.5	47.1	41.3
R05-138	32.9	49.5	41.2
SC04-41	25.0	41.7	33.3
VS04-781	11.5	42.5	27.0
VS04-922	14.9	28.6	21.8
VS04-964	14.1	27.4	20.8
VS07-1023	26.5	36.4	31.5
VS22-537	30.5	41.3	35.9
Mean	26.0	42.7	34.3
LSD(0.05)	3.3	7.1	7.2
CV(%)	7.8	10.2	13.0

TABLE 59 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VI FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Calhoun, ‡ GA	Clemson, SC	Fairhope, AL	Tifton, GA	Area Mean
DILLON	60.5	36.6	48.2	53.1	62.0	45.7	51.6
AGS606RR	59.8	39.7	51.3	60.6	52.3	42.8	51.1
NC-ROY	55.4	37.3	43.0	61.6	64.4	45.5	52.8
G05-1102 RR	52.3	31.0	39.6	61.9	61.4	55.3	52.4
G06-2460 RR	53.2	31.8	47.5	57.2	52.7	49.6	48.9
N04-9646	55.7	41.0	31.1	58.2	65.1	54.1	54.8
N05-7353	49.8	37.0	45.5	58.8	60.6	34.4	48.1
N05-7375	51.2	38.0	41.6	64.4	57.8	39.6	50.2
N06-7023	54.5	39.0	44.9	64.6	58.0	34.5	50.1
NCC04-5336R	50.5	34.5	42.6	64.3	45.4	27.8	44.5
NCC04-619	46.8	40.5	32.5	60.9	56.4	48.4	50.6
NCC05-1543	51.9	30.9	34.3	57.2	46.8	16.7	40.7
NCC06-1090	63.8	36.5	60.7	65.0	67.5	33.9	53.3
NCC06-5894R	51.3	39.4	45.5	57.7	57.6	44.3	50.1
R02-3065	61.2	44.0	51.3	59.7	58.1	31.5	50.9
R03-1250	62.8	43.8	52.0	66.1	59.8	28.5	52.2
R04-342	66.1	41.0	49.0	62.7	57.4	34.4	52.3
R04-522	64.2	34.6	52.5	60.1	57.5	43.2	51.9
R05-138	57.7	39.6	49.7	61.9	61.2	30.1	50.1
SC04-41	50.9	37.9	41.4	58.9	49.7	37.0	46.9
VS04-781	37.9	25.7	19.0	40.6	44.9	18.2	33.5
VS04-922	38.3	22.6	20.3	42.1	45.3	27.7	35.2
VS04-964	.	28.4	12.8	41.2	50.2	35.7	40.3
VS07-1023	57.5	39.0	39.1	60.1	59.7	50.7	53.4
VS22-537	48.5	30.6	44.1	45.1	45.1	30.1	39.9
Mean	54.2	36.0	41.6	57.8	55.9	37.6	48.2
LSD(0.05)	5.2	5.4	13.0	7.8	7.8	8.9	7.0
CV(%)	5.9	9.0	19.0	8.3	8.5	14.4	13.6

‡Data not included in mean.

TABLE 60 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Clemson, SC	Fairhope, AL	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Test Mean
DILLON	19.4	18.7	20.9	18.7	18.5	19.4	19.9	20.0	19.4
AGS606RR	19.5	17.3	19.1	18.4	18.0	17.5	18.4	19.7	18.5
NC-ROY	19.5	17.5	19.0	19.6	17.7	18.3	19.0	18.3	18.6
G05-1102 RR	19.5	17.8	19.9	18.9	17.9	20.0	19.8	19.8	19.2
G06-2460 RR	18.3	14.1	20.0	17.9	16.1	17.3	18.4	20.0	17.8
N04-9646	18.7	18.1	19.3	19.5	16.0	18.8	19.3	17.5	18.4
N05-7353	20.2	18.1	19.9	19.4	19.2	20.1	19.8	19.6	19.5
N05-7375	21.2	19.9	20.4	20.9	20.3	20.2	21.1	20.8	20.6
N06-7023	21.6	20.1	21.8	22.1	19.8	21.2	21.4	20.9	21.1
NCC04-5336R	18.9	19.4	19.5	19.4	16.5	18.6	19.6	18.9	18.8
NCC04-619	20.6	18.2	20.1	20.1	16.1	19.0	20.9	19.2	19.3
NCC05-1543	19.8	18.1	20.6	19.6	17.8	19.4	20.9	19.9	19.5
NCC06-1090	21.5	19.6	21.1	21.6	20.2	20.8	21.6	20.9	20.9
NCC06-5894R	18.9	18.1	19.7	19.3	17.5	18.1	19.3	18.6	18.7
R02-3065	19.4	17.8	19.5	17.8	18.4	25.1	19.2	19.5	19.6
R03-1250	20.0	19.3	21.3	20.1	19.3	19.3	21.4	21.4	20.2
R04-342	20.0	18.5	20.8	20.8	19.9	21.0	20.0	20.7	20.2
R04-522	19.8	16.0	20.2	20.5	18.4	19.0	20.4	20.3	19.3
R05-138	18.7	18.3	20.1	19.3	18.9	19.0	19.6	19.4	19.2
SC04-41	20.5	18.8	25.1	19.1	19.3	20.0	20.1	20.6	20.4
VS04-781	19.4	16.9	19.5	20.4	17.9	18.4	19.0	20.0	18.9
VS04-922	17.9	16.3	16.8	18.3	15.8	17.2	23.2	17.9	17.9
VS04-964	.	18.7	19.2	19.1	17.5	18.8	21.1	19.4	19.2
VS07-1023	19.0	17.8	19.6	19.3	16.5	17.5	19.3	18.8	18.5
VS22-537	18.6	15.6	19.2	17.9	16.9	18.5	19.1	19.8	18.2
Mean	19.6	18.0	20.1	19.5	18.0	19.3	20.1	19.7	.

TABLE 61 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Clemson, SC	Fairhope, AL	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Test Mean
DILLON	39.8	42.5	38.6	41.8	39.9	40.9	39.8	40.1	40.4
AGS606RR	41.9	42.6	40.8	40.9	39.2	43.2	45.1	40.4	41.8
NC-ROY	39.5	44.1	45.1	38.8	36.8	42.4	40.0	40.7	40.9
G05-1102 RR	40.6	44.2	40.6	41.2	38.4	40.6	41.4	40.3	40.9
G06-2460 RR	40.8	45.9	39.0	40.9	38.8	42.1	41.1	39.6	41.0
N04-9646	38.8	40.9	40.1	37.7	37.8	40.4	39.1	39.6	39.3
N05-7353	39.2	43.3	39.9	40.4	36.1	40.2	39.0	40.8	39.9
N05-7375	39.2	40.7	40.0	37.6	37.0	39.4	37.4	37.0	38.5
N06-7023	39.1	41.3	39.5	39.3	36.4	40.7	38.5	39.1	39.2
NCC04-5336R	40.4	41.7	39.7	38.1	38.8	42.1	39.0	41.2	40.1
NCC04-619	38.3	42.2	38.2	38.5	38.3	40.3	38.1	38.9	39.1
NCC05-1543	39.8	41.7	38.6	39.3	37.4	41.0	38.7	39.9	39.6
NCC06-1090	38.7	40.5	37.9	39.2	35.3	39.1	38.5	38.6	38.5
NCC06-5894R	40.0	41.7	39.8	38.8	36.1	41.6	39.9	39.8	39.7
R02-3065	41.1	43.2	45.0	41.1	37.3	41.5	39.9	39.8	41.1
R03-1250	45.0	42.2	39.5	40.0	38.4	41.3	39.7	39.0	40.6
R04-342	45.0	42.7	40.7	41.0	37.3	41.4	38.9	39.6	40.8
R04-522	39.0	44.7	39.1	38.7	36.7	41.3	37.6	38.9	39.5
R05-138	39.6	41.7	39.5	40.0	35.1	40.3	38.0	38.4	39.1
SC04-41	40.7	42.8	39.9	41.2	37.9	40.7	40.3	40.3	40.5
VS04-781	40.1	44.1	40.2	38.6	38.8	41.8	40.1	40.0	40.5
VS04-922	41.1	45.1	42.1	40.9	40.3	43.2	41.1	41.2	41.9
VS04-964	.	42.2	38.8	39.8	39.3	41.7	45.0	39.8	41.0
VS07-1023	40.3	41.9	45.1	40.3	39.2	42.6	40.1	45.0	41.8
VS22-537	41.2	44.9	38.7	42.7	39.2	41.5	39.4	38.1	40.7
Mean	40.4	42.7	40.3	39.9	37.8	41.3	39.8	39.8	.

TABLE 62 - SIZE (GRAMS PER 100 SEED) FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Calhoun, GA	Clemson, SC	Fairhope, AL	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Tifton, GA	Test Mean
DILLON	14.8	13.5	11.9	15.3	17.8	12.8	14.5	14.0	.	17.4	14.7
AGS606RR	15.6	13.6	13.0	15.5	16.5	14.6	13.9	12.1	.	16.1	14.5
NC-ROY	11.2	11.7	10.3	14.3	15.7	10.9	10.9	11.6	.	15.7	12.5
G05-1102 RR	12.1	11.0	9.9	15.3	15.4	11.4	12.4	11.4	.	16.5	12.8
G06-2460 RR	12.2	10.7	10.3	14.7	15.4	10.6	11.1	11.1	.	15.5	12.4
N04-9646	12.9	11.8	10.2	15.2	14.8	11.9	12.2	11.7	.	14.1	12.8
N05-7353	13.5	11.4	10.7	14.4	15.9	12.5	13.3	11.9	.	17.3	13.5
N05-7375	13.9	13.5	11.6	15.2	16.0	12.8	13.1	11.0	.	16.1	13.7
N06-7023	15.9	14.1	12.0	15.3	17.6	13.4	13.9	13.6	.	18.7	15.0
NCC04-5336R	12.1	13.3	10.4	14.1	14.6	10.9	11.6	10.7	.	15.0	12.5
NCC04-619	11.8	11.7	9.9	14.1	13.5	9.0	10.1	12.6	.	14.8	11.9
NCC05-1543	11.5	11.5	10.2	15.5	13.3	10.5	12.4	10.9	.	14.7	12.3
NCC06-1090	17.4	12.2	13.7	15.8	18.0	14.3	15.0	14.7	.	17.3	15.4
NCC06-5894R	10.8	12.5	9.3	14.6	13.5	9.4	9.8	11.0	.	13.8	11.6
R02-3065	16.8	12.9	15.7	16.1	18.4	16.0	16.2	13.8	.	16.9	15.9
R03-1250	17.0	12.5	12.7	15.0	16.1	13.9	14.5	13.3	.	16.6	14.6
R04-342	18.0	12.9	13.0	14.7	16.9	14.7	15.0	13.6	.	16.4	15.0
R04-522	11.8	10.3	10.2	15.4	13.3	11.1	11.5	10.6	.	13.3	11.9
R05-138	13.7	11.6	10.8	13.6	15.4	11.9	13.2	11.2	.	16.4	13.1
SC04-41	14.9	12.7	12.4	15.4	16.6	13.3	13.3	13.1	.	16.1	14.2
VS04-781	18.8	15.4	16.2	16.8	19.6	18.0	18.0	14.4	.	18.6	17.3
VS04-922	17.8	14.3	15.9	16.0	18.5	16.2	17.6	12.3	.	17.3	16.2
VS04-964	.	15.3	17.9	17.3	21.6	19.6	17.5	12.8	.	20.8	17.9
VS07-1023	12.6	12.2	10.9	14.4	14.7	11.2	10.4	10.4	.	14.0	12.3
VS22-537	12.4	10.8	10.8	12.5	12.7	11.3	12.2	10.3	.	14.4	11.9
Mean	14.1	12.5	12.0	15.1	16.1	12.9	13.3	12.2	.	16.2	.

TABLE 63 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

Delta

STRAIN/ VARIETY	Stoneville, MS	Stuttgart, AR	Area Mean
DILLON	9/29	10/4	10/2
AGS606RR	-5	2	-1
NC-ROY	7	4	5
G05-1102 RR	2	3	3
G06-2460 RR	-5	3	-1
N04-9646	6	3	4
N05-7353	-3	8	3
N05-7375	-3	-2	-2
N06-7023	3	-2	1
NCC04-5336R	4	2	3
NCC04-619	4	2	3
NCC05-1543	4	2	3
NCC06-1090	3	2	3
NCC06-5894R	6	3	4
R02-3065	-7	0	-3
R03-1250	-6	-6	-6
R04-342	-6	-6	-6
R04-522	-6	-5	-5
R05-138	-6	-6	-6
SC04-41	-3	8	3
VS04-781	3	3	3
VS04-922	10	3	7
VS04-964	19	8	14
VS07-1023	-6	3	-1
VS22-537	-7	-8	-7
Mean	0	1	1

TABLE 63 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(B)	Plymouth, NC(A)	Area Mean
DILLON	10/7	10/19	10/13
AGS606RR	1	-1	0
NC-ROY	11	2	6
G05-1102 RR	9	9	9
G06-2460 RR	1	-1	0
N04-9646	11	9	10
N05-7353	2	6	4
N05-7375	0	0	0
N06-7023	-2	1	0
NCC04-5336R	10	5	8
NCC04-619	3	0	2
NCC05-1543	3	6	4
NCC06-1090	-2	0	-1
NCC06-5894R	.	0	0
R02-3065	-1	-1	-1
R03-1250	-5	-4	-4
R04-342	-7	-4	-5
R04-522	-8	-4	-6
R05-138	-6	-3	-5
SC04-41	2	1	1
VS04-781	4	7	5
VS04-922	8	11	9
VS04-964	.	16	16
VS07-1023	6	6	6
VS22-537	-8	-3	-6
Mean	1	2	2

TABLE 63 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tifton, GA	Area Mean
DILLON	10/5	10/9	9/29	10/16	10/15	10/11	10/9
AGS606RR	-3	-2	-2	3	-5	-6	-3
NC-ROY	8	8	11	9	4	2	7
G05-1102 RR	6	6	3	11	6	2	6
G06-2460 RR	-1	-4	4	5	0	-6	0
N04-9646	11	11	14	13	2	2	9
N05-7353	3	1	-3	8	3	0	2
N05-7375	-1	3	3	4	0	-2	1
N06-7023	2	-2	1	5	0	2	1
NCC04-5336R	8	7	12	9	3	2	7
NCC04-619	8	7	7	8	3	0	6
NCC05-1543	7	1	2	7	-1	2	3
NCC06-1090	3	-2	-4	5	2	2	1
NCC06-5894R	7	4	9	8	4	2	6
R02-3065	-5	-2	-3	0	-6	2	-2
R03-1250	-3	-7	-8	-3	-5	4	-4
R04-342	-5	-9	-10	-3	-9	2	-6
R04-522	-8	-9	-9	-3	-6	0	-6
R05-138	-8	-10	-8	-4	-6	2	-6
SC04-41	3	3	6	2	0	0	2
VS04-781	7	8	13	7	-2	2	6
VS04-922	16	11	19	10	9	2	11
VS04-964	.	26	20	23	5	8	16
VS07-1023	7	7	9	13	3	-6	6
VS22-537	-12	-7	-10	-8	-6	-8	-8
Mean	2	2	3	5	0	0	2

TABLE 64 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

Delta

STRAIN/ VARIETY	Stoneville, MS	Stuttgart, AR	Area Mean
DILLON	34	35	34
AGS606RR	24	30	27
NC-ROY	30	37	34
G05-1102 RR	26	36	31
G06-2460 RR	24	31	28
N04-9646	24	34	29
N05-7353	26	34	30
N05-7375	26	30	28
N06-7023	22	34	28
NCC04-5336R	18	32	25
NCC04-619	18	29	24
NCC05-1543	16	29	22
NCC06-1090	24	32	28
NCC06-5894R	24	33	28
R02-3065	22	29	25
R03-1250	24	27	26
R04-342	26	25	25
R04-522	26	32	29
R05-138	20	27	24
SC04-41	28	36	32
VS04-781	42	50	46
VS04-922	28	35	31
VS04-964	62	50	56
VS07-1023	22	35	28
VS22-537	24	34	29
Mean	26	33	.

TABLE 64 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(B)	Plymouth, NC(A)	Area Mean
DILLON	30	46	37
AGS606RR	26	42	33
NC-ROY	44	46	46
G05-1102 RR	35	47	41
G06-2460 RR	36	45	40
N04-9646	43	44	45
N05-7353	34	41	38
N05-7375	31	43	37
N06-7023	26	40	33
NCC04-5336R	35	48	41
NCC04-619	32	41	36
NCC05-1543	28	36	32
NCC06-1090	26	40	32
NCC06-5894R	29	41	35
R02-3065	23	40	30
R03-1250	29	40	34
R04-342	21	38	28
R04-522	27	37	32
R05-138	24	39	30
SC04-41	.	46	41
VS04-781	56	57	57
VS04-922	39	39	39
VS04-964	61	58	61
VS07-1023	36	43	40
VS22-537	26	36	31
Mean	33	43	.

TABLE 64 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tifton, GA	Area Mean
DILLON	32	34	41	43	27	37	36
AGS606RR	27	29	37	37	23	30	30
NC-ROY	35	34	44	40	28	29	35
G05-1102 RR	33	38	46	43	29	37	38
G06-2460 RR	29	31	37	40	24	30	32
N04-9646	37	36	41	38	27	37	36
N05-7353	28	28	39	36	21	31	30
N05-7375	29	31	39	42	25	27	32
N06-7023	31	31	39	39	27	28	32
NCC04-5336R	29	28	38	38	15	22	28
NCC04-619	26	27	34	35	18	21	27
NCC05-1543	27	23	29	32	18	19	25
NCC06-1090	31	31	38	41	25	31	33
NCC06-5894R	29	32	38	39	20	26	31
R02-3065	28	32	36	37	20	29	30
R03-1250	30	31	38	39	20	28	31
R04-342	25	28	34	40	20	27	29
R04-522	27	29	37	38	26	31	31
R05-138	23	29	32	36	21	27	28
SC04-41	34	32	42	40	29	35	35
VS04-781	42	40	48	50	44	55	47
VS04-922	26	30	60	39	27	33	36
VS04-964	.	45	65	65	53	61	57
VS07-1023	33	33	42	38	28	39	35
VS22-537	32	27	35	41	36	29	33
Mean	30	32	40	40	26	32	.

TABLE 65 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

Delta

STRAIN/ VARIETY	Stoneville, MS	Stuttgart, AR	Area Mean
DILLON	1.0	1.0	1.0
AGS606RR	1.0	1.0	1.0
NC-ROY	1.0	1.0	1.0
G05-1102 RR	1.0	1.0	1.0
G06-2460 RR	1.0	1.0	1.0
N04-9646	1.0	1.0	1.0
N05-7353	1.0	1.0	1.0
N05-7375	1.0	1.0	1.0
N06-7023	1.0	1.0	1.0
NCC04-5336R	1.0	1.0	1.0
NCC04-619	1.0	1.0	1.0
NCC05-1543	1.0	1.0	1.0
NCC06-1090	1.0	1.0	1.0
NCC06-5894R	1.0	1.0	1.0
R02-3065	1.0	1.0	1.0
R03-1250	1.0	1.0	1.0
R04-342	1.0	1.0	1.0
R04-522	1.0	1.0	1.0
R05-138	1.0	1.0	1.0
SC04-41	1.0	1.0	1.0
VS04-781	1.0	1.0	1.0
VS04-922	1.0	1.0	1.0
VS04-964	1.0	1.0	1.0
VS07-1023	1.0	1.0	1.0
VS22-537	1.0	1.0	1.0
Mean	1.0	1.0	.

TABLE 65 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(B)	Plymouth, NC(A)	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
N04-9646	2.0	.	2.0
N05-7353	2.0	.	2.0
N05-7375	2.0	.	2.0
N06-7023	2.0	.	2.0
NCC04-5336R	2.0	.	2.0
NCC04-619	2.0	.	2.0
NCC05-1543	2.0	.	2.0
NCC06-1090	2.0	.	2.0
NCC06-5894R	2.0	.	2.0
R02-3065	2.0	.	2.0
R03-1250	2.0	.	2.0
R04-342	2.0	.	2.0
R04-522	2.0	.	2.0
R05-138	2.0	.	2.0
SC04-41	2.0	.	2.0
VS04-781	2.0	.	2.0
VS04-922	2.0	.	2.0
VS04-964	2.0	.	2.0
VS07-1023	2.0	.	2.0
VS22-537	2.0	.	2.0
Mean	2.0	.	.

TABLE 65 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tifton, GA	Area Mean
DILLON	1.0	3.0	2.0	3.0	1.0	2.0	2.0
AGS606RR	1.0	3.0	2.0	3.0	1.0	2.0	2.0
NC-ROY	1.0	3.0	2.0	3.0	1.0	2.0	2.0
G05-1102 RR	1.0	3.0	2.0	3.0	1.0	2.0	2.0
G06-2460 RR	1.0	3.0	2.0	3.0	1.0	2.0	2.0
N04-9646	1.0	3.0	2.0	3.0	1.0	2.0	2.0
N05-7353	1.0	3.0	2.0	3.0	1.0	2.0	2.0
N05-7375	1.0	3.0	2.0	3.0	1.0	2.0	2.0
N06-7023	1.0	3.0	2.0	3.0	1.0	2.0	2.0
NCC04-5336R	1.0	3.0	2.0	3.0	1.0	2.0	2.0
NCC04-619	1.0	3.0	2.0	3.0	1.0	2.0	2.0
NCC05-1543	1.0	3.0	2.0	3.0	1.0	2.0	2.0
NCC06-1090	1.0	3.0	2.0	3.0	1.0	2.0	2.0
NCC06-5894R	1.0	3.0	2.0	3.0	1.0	2.0	2.0
R02-3065	1.0	3.0	2.0	3.0	1.0	2.0	2.0
R03-1250	1.0	3.0	2.0	3.0	1.0	2.0	2.0
R04-342	1.0	3.0	2.0	3.0	1.0	2.0	2.0
R04-522	1.0	3.0	2.0	3.0	1.0	2.0	2.0
R05-138	1.0	3.0	2.0	3.0	1.0	2.0	2.0
SC04-41	1.0	3.0	2.0	3.0	1.0	2.0	2.0
VS04-781	1.0	3.0	2.0	3.0	1.0	2.0	2.0
VS04-922	1.0	3.0	2.0	3.0	1.0	2.0	2.0
VS04-964	1.0	3.0	2.0	3.0	1.0	2.0	2.0
VS07-1023	1.0	3.0	2.0	3.0	1.0	2.0	2.0
VS22-537	1.0	3.0	2.0	3.0	1.0	2.0	2.0
Mean	1.0	3.0	2.0	3.0	1.0	2.0	.

TABLE 66 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

Delta

STRAIN/ VARIETY	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
N04-9646	2.0	.	2.0
N05-7353	2.0	.	2.0
N05-7375	2.0	.	2.0
N06-7023	2.0	.	2.0
NCC04-5336R	2.0	.	2.0
NCC04-619	2.0	.	2.0
NCC05-1543	2.0	.	2.0
NCC06-1090	2.0	.	2.0
NCC06-5894R	2.0	.	2.0
R02-3065	2.0	.	2.0
R03-1250	2.0	.	2.0
R04-342	2.0	.	2.0
R04-522	2.0	.	2.0
R05-138	2.0	.	2.0
SC04-41	2.0	.	2.0
VS04-781	2.0	.	2.0
VS04-922	2.0	.	2.0
VS04-964	3.0	.	3.0
VS07-1023	3.0	.	3.0
VS22-537	2.0	.	2.0
Mean	2.1	.	.

TABLE 66 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(B)	Plymouth, NC(A)	Area Mean
DILLON	3.3	.	3.3
AGS606RR	3.0	.	3.0
NC-ROY	3.0	.	3.0
G05-1102 RR	3.0	.	3.0
G06-2460 RR	3.0	.	3.0
N04-9646	3.0	.	3.0
N05-7353	3.0	.	3.0
N05-7375	3.0	.	3.0
N06-7023	3.0	.	3.0
NCC04-5336R	2.8	.	2.8
NCC04-619	3.0	.	3.0
NCC05-1543	3.0	.	3.0
NCC06-1090	3.2	.	3.2
NCC06-5894R	3.0	.	3.0
R02-3065	2.8	.	2.8
R03-1250	3.0	.	3.0
R04-342	3.0	.	3.0
R04-522	3.0	.	3.0
R05-138	3.0	.	3.0
SC04-41	2.7	.	2.7
VS04-781	3.0	.	3.0
VS04-922	3.0	.	3.0
VS04-964	3.5	.	3.5
VS07-1023	2.8	.	2.8
VS22-537	3.0	.	3.0
Mean	3.0	.	.

TABLE 66 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VI FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tifton, GA	Area Mean
DILLON	2.8	.	1.8	.	1.5	2.3	2.1
AGS606RR	2.7	.	1.8	.	1.5	2.5	2.1
NC-ROY	2.3	.	1.8	.	1.5	1.7	1.8
G05-1102 RR	2.0	.	1.5	.	1.0	1.8	1.6
G06-2460 RR	1.7	.	1.5	.	1.5	2.2	1.7
N04-9646	2.2	.	2.3	.	1.5	1.5	1.9
N05-7353	2.5	.	1.8	.	1.5	1.7	1.9
N05-7375	2.2	.	2.3	.	1.5	1.7	1.9
N06-7023	2.7	.	1.7	.	1.5	1.5	1.8
NCC04-5336R	2.5	.	1.5	.	1.0	1.7	1.7
NCC04-619	2.7	.	1.5	.	1.5	1.3	1.8
NCC05-1543	2.7	.	2.0	.	1.5	2.7	2.2
NCC06-1090	2.8	.	2.3	.	1.5	2.8	2.4
NCC06-5894R	2.3	.	1.5	.	1.0	1.3	1.5
R02-3065	2.8	.	1.8	.	1.0	3.2	2.2
R03-1250	3.2	.	2.0	.	1.5	3.5	2.5
R04-342	3.3	.	2.2	.	1.5	3.7	2.7
R04-522	2.3	.	1.7	.	1.5	3.5	2.3
R05-138	2.2	.	1.8	.	1.5	2.2	1.9
SC04-41	2.5	.	1.5	.	1.2	1.5	1.7
VS04-781	3.0	.	2.3	.	2.0	2.2	2.4
VS04-922	3.0	.	2.5	.	2.0	2.8	2.6
VS04-964	.	.	3.2	.	2.0	1.8	2.3
VS07-1023	1.8	.	1.5	.	1.0	1.5	1.5
VS22-537	2.5	.	2.0	.	2.0	3.3	2.5
Mean	2.5	.	1.9	.	1.5	2.2	.

TABLE 67 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	DILLON	Centennial x Young		
2	AGS606RR			
3	NC-ROY	Holladay X Brim		
4	G07-1363 RR	G00-3213 X [BOGGS-RR(3) X N98-7288]	F5d	
5	G07-1450 RR	G00-3213 X [BOGGS-RR(3) X N98-7288]	F5d	
6	G07-1460 RR	G00-3213 X [BOGGS-RR(3) X N98-7288]	F5d	
7	N06-10009	Young x N6202	F4	Diversity 12.5%
8	N06-10029	Young x N6202	F4	Diversity 12.5%
9	N06-10237	Young x N6202	F4	Diversity 12.5%
10	N06-6	N99-510 X G98-1053		
11	N06-7280	N98-7265 x N7002	F4	Diversity, Drought 25%
12	N6202	N6201 x N95-7390	F4	25% Nakasennari, 25%
13	NCC07-8138	Md 99-6226x(N97-9677)	F4:8	
14	R03-1011	HBK 5990 x 98601	F5	
15	R05-3817	R96-3427 x 605	F5	
16	R07-10322	R97-1634 x V00-3824	F5	
17	R07-1035	S01-9209 x R01-2373	F5	
18	R07-1810	R00-1551 x R01-2346	F5	
19	TN08-098	TN99-117/MD96-5722	F6	
20	TN08-106	TN02-303/S98-1375	F6	
21	TN08-109	TN02-303/S98-1375	F6	
22	TN08-113	TN02-303/S98-1375	F6	
23	TN08-114	TN02-303/S98-1375	F6	
24	Young			
25	VS04-819	LT GIANT X KANRICH		
26	VS08-1028	PI379621 X KANRICH		
27	VS08-1033	PELLA X TOMAHOMARE		
28	VS08-1038	LT GIANT X PELLA		

**TABLE 68 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN PRELIMINARY TEST VI FOR YEAR 2010**

STRAIN/ VARIETY	SEED		AVG. RANK	MAT. INDEX	LODGING	HEIGHT	SEED		% PROTEIN	% OIL	HG TYPE	HG TYPE	HG TYPE	SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR
	YIELD	RANK					QUALITY	SIZE			1.2.5.7 Race 2	7 Race 3	1.3.5.6.7 Race 14					
DILLON	45.7	13	15	0	2.1	35	2.2	13.3	39.5	20.1	4	5	.	SS	3	P	G	T
AGS606RR	50.8	3	6	-1	2.0	33	2.5	14.2	40.4	18.9	5	1	.	R	1	W	T	T
NC-ROY	44.9	14	12	6	2.7	38	2.2	11.8	39.3	19.0	5	5	.	SS	3	W	G	Br
G07-1363 RR	40.1	20	19	3	1.7	38	2.7	11.5	40.5	18.3	5	1	.	R	1	W	T	T
G07-1450 RR	40.5	17	15	2	2.2	36	2.4	12.3	40.6	18.2	5	1	.	SS	3	W	T	T
G07-1460 RR	40.1	19	17	3	1.8	38	2.2	12.1	39.8	18.2	5	1	.	R	1	W	T	T
N06-10009	40.4	18	18	-1	2.8	41	2.5	15.3	40.5	19.4	5	5	.	SS	3	P	G	T
N06-10029	41.7	16	17	0	2.3	37	2.4	14.6	40.9	19.7	5	5	.	R	1	W	G	T
N06-10237	44.6	15	13	-1	2.6	36	2.5	14.1	41.1	19.2	5	4	.	R	1	S	G	T
N06-6	47.5	8	8	2	1.8	30	2.2	12.8	38.3	19.9	4	4	.	R	1	W	T	T
N06-7280	38.1	23	20	-1	2.1	34	2.2	12.7	39.3	20.1	5	5	.	S	5	P	G	T
N6202	39.4	22	19	1	2.4	37	2.5	17.0	42.5	18.5	5	4	.	R	1	P	G	T
NCC07-8138	51.6	2	5	-3	1.8	29	2.5	14.5	38.0	21.1	5	5	.	R	1	P	G	T
R03-1011	48.3	6	9	-2	2.2	32	2.5	14.8	39.9	19.3	5	2	.	SS	3	P	T	T
R05-3817	50.6	5	4	-5	1.6	32	2.5	14.8	37.6	21.3	5	5	.	R	1	W	G	T
R07-10322	52.5	1	4	-3	1.9	33	2.5	14.4	40.1	20.6	5	4	.	R	1	W	G	T
R07-1035	45.9	12	12	-4	2.1	35	2.5	14.4	40.0	18.4	3	2	.	R	1	W	T	T
R07-1810	48.3	7	11	-3	2.1	35	2.5	13.7	39.4	19.8	5	5	.	R	1	P	G	T
TN08-098	36.7	24	19	1	2.5	56	3.7	14.9	39.1	18.9	5	5	.	SS	3	P	G	Br
TN08-106	46.1	11	10	-6	1.4	29	2.5	12.6	35.4	21.6	3	3	.	R	1	W	T	T
TN08-109	50.7	4	7	-6	1.6	29	2.5	13.3	35.8	21.3	2	4	.	R	1	W	T	T
TN08-113	47.3	9	12	-6	1.8	32	2.5	13.7	37.7	20.5	4	5	.	SS	3	W	T	T
TN08-114	46.3	10	14	-6	1.4	30	2.5	13.1	37.1	21.0	2	3	.	SS	3	W	T	T
Young	39.7	21	18	2	2.8	43	2.4	12.8	40.1	20.0	5	5	.	MS	4	W	G	T
VS04-819	27.6	26	25	-1	4.3	44	2.6	17.0	40.3	18.5	5	5	.	S	5	P	T	Br
VS08-1028	27.2	27	26	4	2.9	60	2.5	15.3	40.7	18.7	5	5	.	R	1	P	T	T
VS08-1033	20.5	28	27	3	3.1	57	2.4	14.2	38.8	20.0	5	5	.	R	1	P	G	T
VS08-1038	27.7	25	26	0	3.3	59	3.1	13.5	38.4	18.7	5	5	.	S	5	P	T	T
Mean	42.2	.	.	-1	2.3	38	2.5	13.9	39.3	19.6	.	.	.	.	.	.	.	.
LSD(0.05)	6.8	.	.	3	0.7	6	0.6	1.4	1.3	0.9	.	.	.	.	.	.	.	.
CV(%)	14.9	.	.	-315	25.3	14	12.3	7.4	2.3	3.4	.	.	.	.	.	.	.	.

TABLE 69 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Clemson, SC	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Test Mean
DILLON	58.6	31.8	39.4	53.0	45.5	45.7
AGS606RR	63.1	33.9	49.4	55.1	52.5	50.8
NC-ROY	63.5	21.7	44.2	43.3	51.7	44.9
G07-1363 RR	58.4	24.9	42.1	30.4	44.5	40.1
G07-1450 RR	64.0	24.3	39.1	24.5	50.5	40.5
G07-1460 RR	61.3	25.3	44.4	23.9	45.5	40.1
N06-10009	53.9	23.9	46.8	29.6	47.9	40.4
N06-10029	57.1	22.8	43.4	36.8	48.6	41.7
N06-10237	55.7	27.9	45.8	39.7	53.8	44.6
N06-6	65.0	33.3	47.8	37.1	54.4	47.5
N06-7280	56.8	27.3	42.0	18.1	46.5	38.1
N6202	60.0	25.8	35.5	31.5	44.7	39.4
NCC07-8138	63.2	37.4	50.9	50.8	55.9	51.6
R03-1011	67.2	35.0	48.6	42.8	48.0	48.3
R05-3817	64.1	39.1	51.1	43.6	55.4	50.6
R07-10322	64.4	37.1	50.4	54.2	56.4	52.5
R07-1035	61.4	40.7	44.2	38.1	45.0	45.9
R07-1810	56.8	35.5	46.1	54.9	48.0	48.3
TN08-098	46.6	19.5	42.9	25.6	49.0	36.7
TN08-106	59.5	41.6	46.4	33.8	48.9	46.1
TN08-109	63.2	44.5	48.4	48.6	48.8	50.7
TN08-113	58.2	37.3	40.4	51.2	49.5	47.3
TN08-114	57.3	37.9	41.6	48.3	46.5	46.3
Young	54.0	21.8	41.9	30.6	50.4	39.7
VS04-819	32.9	17.7	36.2	21.8	29.3	27.6
VS08-1028	46.6	10.4	32.0	16.4	30.7	27.2
VS08-1033	29.8	9.2	28.2	19.2	16.4	20.5
VS08-1038	41.4	15.6	27.0	18.4	36.0	27.7
Mean	56.6	28.7	42.7	36.4	46.4	42.2
LSD(0.05)	7.1	6.1	9.9	11.3	10.4	6.8
CV(%)	6.2	10.3	11.3	15.1	10.7	14.9

TABLE 70 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Clemson, SC	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Test Mean
DILLON	20.9	19.5	.	20.0	19.9	20.1
AGS606RR	18.9	18.5	.	19.1	19.0	18.9
NC-ROY	21.0	17.5	.	18.7	18.9	19.0
G07-1363 RR	19.6	16.0	.	19.4	18.2	18.3
G07-1450 RR	19.3	16.3	.	18.2	19.2	18.2
G07-1460 RR	19.3	16.1	.	19.2	18.2	18.2
N06-10009	20.4	17.7	.	19.4	20.2	19.4
N06-10029	21.0	17.8	.	19.4	20.7	19.7
N06-10237	20.4	17.0	.	18.8	20.7	19.2
N06-6	20.3	19.0	.	20.8	19.5	19.9
N06-7280	20.8	20.1	.	19.4	20.1	20.1
N6202	19.0	17.4	.	18.3	19.3	18.5
NCC07-8138	21.5	20.1	.	21.2	21.5	21.1
R03-1011	19.5	19.7	.	19.4	18.4	19.3
R05-3817	21.8	19.8	.	21.3	22.3	21.3
R07-10322	20.5	19.9	.	20.3	21.6	20.6
R07-1035	19.3	17.2	.	18.1	18.8	18.4
R07-1810	19.7	19.2	.	19.7	20.6	19.8
TN08-098	19.8	17.8	.	18.6	19.3	18.9
TN08-106	21.4	20.4	.	22.1	22.5	21.6
TN08-109	21.3	20.1	.	22.1	21.9	21.3
TN08-113	20.6	19.4	.	20.6	21.4	20.5
TN08-114	21.4	20.9	.	21.0	20.7	21.0
Young	21.2	18.2	.	19.7	20.7	20.0
VS04-819	18.4	17.5	.	18.8	19.1	18.5
VS08-1028	19.0	16.7	.	20.0	19.2	18.7
VS08-1033	20.6	18.6	.	20.3	20.4	20.0
VS08-1038	19.1	17.8	.	18.1	19.6	18.7
Mean	20.2	18.4	.	19.7	20.1	.

TABLE 71 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Clemson, SC	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Test Mean
DILLON	39.8	39.3	.	40.0	39.1	39.5
AGS606RR	41.3	40.9	.	40.0	39.3	40.4
NC-ROY	38.0	40.0	.	39.6	39.6	39.3
G07-1363 RR	39.4	43.1	.	40.3	39.0	40.5
G07-1450 RR	40.4	42.1	.	40.9	38.9	40.6
G07-1460 RR	39.3	41.1	.	39.5	39.2	39.8
N06-10009	39.5	41.7	.	41.1	39.7	40.5
N06-10029	40.6	41.6	.	41.3	40.0	40.9
N06-10237	41.4	42.7	.	41.3	39.0	41.1
N06-6	38.1	38.0	.	39.0	38.2	38.3
N06-7280	39.0	40.0	.	39.9	38.3	39.3
N6202	42.1	43.6	.	43.7	40.7	42.5
NCC07-8138	38.0	37.4	.	37.8	38.9	38.0
R03-1011	40.2	40.1	.	40.5	38.9	39.9
R05-3817	38.8	38.1	.	37.5	36.1	37.6
R07-10322	40.6	38.6	.	40.1	41.0	40.1
R07-1035	39.7	40.2	.	40.9	39.3	40.0
R07-1810	39.7	39.1	.	40.2	38.6	39.4
TN08-098	39.4	39.7	.	39.9	37.3	39.1
TN08-106	36.0	35.6	.	36.1	33.9	35.4
TN08-109	36.3	35.6	.	36.3	35.0	35.8
TN08-113	37.5	37.8	.	37.7	37.7	37.7
TN08-114	36.4	38.4	.	37.2	36.2	37.1
Young	39.2	41.1	.	40.7	39.3	40.1
VS04-819	40.8	40.7	.	39.6	39.9	40.3
VS08-1028	39.8	42.4	.	40.4	40.0	40.7
VS08-1033	38.7	40.2	.	39.7	36.8	38.8
VS08-1038	38.3	39.9	.	41.0	34.6	38.4
Mean	39.2	40.0	.	39.7	38.4	.

TABLE 72 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Clemson, SC	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Test Mean
DILLON	14.7	13.5	11.0	14.0	.	13.3
AGS606RR	15.9	14.0	14.6	12.1	.	14.2
NC-ROY	14.8	10.7	10.1	11.6	.	11.8
G07-1363 RR	14.2	10.7	10.4	10.8	.	11.5
G07-1450 RR	15.0	10.9	12.1	11.1	.	12.3
G07-1460 RR	15.5	11.3	10.5	11.0	.	12.1
N06-10009	16.4	14.3	15.7	14.9	.	15.3
N06-10029	14.8	14.4	15.4	13.7	.	14.6
N06-10237	17.0	12.8	14.7	12.0	.	14.1
N06-6	15.4	12.4	10.5	12.9	.	12.8
N06-7280	15.7	12.9	11.2	11.1	.	12.7
N6202	16.6	18.1	17.4	15.8	.	17.0
NCC07-8138	15.9	14.2	14.6	13.3	.	14.5
R03-1011	15.1	16.4	14.0	13.7	.	14.8
R05-3817	16.1	15.0	14.7	13.5	.	14.8
R07-10322	15.6	14.8	13.2	13.9	.	14.4
R07-1035	15.2	15.2	14.1	13.3	.	14.4
R07-1810	15.7	14.4	12.7	12.1	.	13.7
TN08-098	15.5	14.8	14.1	15.1	.	14.9
TN08-106	15.4	13.0	10.7	11.5	.	12.6
TN08-109	16.2	13.3	11.9	11.8	.	13.3
TN08-113	15.0	14.7	12.0	13.0	.	13.7
TN08-114	15.8	11.9	12.1	12.8	.	13.1
Young	13.8	11.6	12.5	13.1	.	12.8
VS04-819	19.2	17.1	17.1	14.8	.	17.0
VS08-1028	17.2	15.4	14.8	14.0	.	15.3
VS08-1033	15.5	15.5	12.4	13.3	.	14.2
VS08-1038	15.4	14.9	11.1	12.8	.	13.5
Mean	15.7	13.9	13.1	13.0	.	.

TABLE 73 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Clemson, SC	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Test Mean
DILLON	10/17	10/8	10/20	9/29	10/6	10/10
AGS606RR	3	-3	-2	-5	1	-1
NC-ROY	7	10	3	7	2	6
G07-1363 RR	8	6	4	-4	1	3
G07-1450 RR	6	4	1	-4	1	2
G07-1460 RR	7	6	4	-4	1	3
N06-10009	-1	-1	0	-2	-4	-1
N06-10029	1	-2	4	-3	1	0
N06-10237	-1	-3	-1	-2	1	-1
N06-6	3	.	1	4	1	2
N06-7280	4	0	-1	-6	-4	-1
N6202	2	1	3	-4	1	1
NCC07-8138	-1	-3	-3	-5	-4	-3
R03-1011	-2	-2	-2	-7	1	-2
R05-3817	-6	-2	-3	-6	-7	-5
R07-10322	-1	-2	-4	-4	-6	-3
R07-1035	-2	-4	-2	-6	-4	-4
R07-1810	-2	-1	-3	-6	-4	-3
TN08-098	3	-1	-2	3	1	1
TN08-106	-4	-11	-2	-8	-6	-6
TN08-109	-6	-13	-2	-6	-6	-6
TN08-113	-2	-11	-2	-7	-6	-6
TN08-114	-5	-12	-3	-6	-6	-6
Young	5	0	1	4	2	2
VS04-819	-1	2	-2	-5	2	-1
VS08-1028	11	5	5	-1	2	4
VS08-1033	2	5	2	2	2	3
VS08-1038	3	-1	-3	-2	2	0
Mean	1	-1	0	-3	-1	.

TABLE 74 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Clemson, SC	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Test Mean
DILLON	43	36	34	28	36	35
AGS606RR	40	28	39	30	28	33
NC-ROY	44	44	32	32	36	38
G07-1363 RR	44	45	38	31	35	38
G07-1450 RR	42	43	34	26	35	36
G07-1460 RR	46	40	40	28	34	38
N06-10009	45	45	34	41	39	41
N06-10029	41	39	36	34	35	37
N06-10237	43	31	45	26	34	36
N06-6	37	28	38	18	29	30
N06-7280	40	34	34	31	32	34
N6202	44	34	38	29	38	37
NCC07-8138	34	23	38	24	25	29
R03-1011	40	30	36	26	30	32
R05-3817	43	27	38	22	30	32
R07-10322	39	30	40	26	30	33
R07-1035	42	30	46	24	35	35
R07-1810	40	32	44	26	33	35
TN08-098	59	57	54	58	50	56
TN08-106	36	27	36	17	29	29
TN08-109	35	26	36	22	27	29
TN08-113	38	30	38	24	31	32
TN08-114	36	25	39	25	28	30
Young	43	45	42	45	38	43
VS04-819	54	43	42	45	37	44
VS08-1028	59	57	62	70	54	60
VS08-1033	55	.	56	67	53	57
VS08-1038	68	60	56	69	43	59
Mean	44	37	41	33	35	.

TABLE 75 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Clemson, SC	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Test Mean
DILLON	2.8	1.7	2.0	2.0	2.3	2.1
AGS606RR	2.3	1.2	3.0	2.0	1.8	2.0
NC-ROY	3.3	2.0	2.0	2.0	4.0	2.7
G07-1363 RR	1.5	1.2	2.0	2.0	2.0	1.7
G07-1450 RR	2.0	1.8	3.0	2.0	2.3	2.2
G07-1460 RR	1.5	1.2	2.0	2.0	2.5	1.8
N06-10009	3.3	1.5	3.5	3.0	2.8	2.8
N06-10029	2.8	1.3	2.5	3.0	2.0	2.3
N06-10237	2.5	1.4	3.5	3.0	2.8	2.6
N06-6	1.0	1.4	2.5	2.0	2.0	1.8
N06-7280	2.3	1.5	2.0	2.0	2.5	2.1
N6202	3.0	1.7	3.0	2.0	2.5	2.4
NCC07-8138	1.5	1.1	3.0	2.0	1.5	1.8
R03-1011	2.8	1.1	2.5	2.0	2.5	2.2
R05-3817	1.5	1.0	1.5	2.0	1.8	1.6
R07-10322	2.3	1.2	2.5	2.0	1.8	1.9
R07-1035	2.5	1.1	3.0	2.0	2.0	2.1
R07-1810	2.0	1.2	2.5	2.0	2.8	2.1
TN08-098	2.3	1.5	2.5	3.0	3.0	2.5
TN08-106	1.0	1.0	1.5	2.0	1.5	1.4
TN08-109	1.0	1.0	2.0	2.0	2.0	1.6
TN08-113	2.5	1.1	2.0	2.0	1.5	1.8
TN08-114	1.5	1.0	1.0	2.0	1.5	1.4
Young	2.5	1.8	3.0	4.0	2.8	2.8
VS04-819	4.8	3.5	4.0	5.0	4.0	4.3
VS08-1028	2.8	1.4	2.5	5.0	3.0	2.9
VS08-1033	2.5	1.9	3.0	5.0	3.0	3.1
VS08-1038	3.8	2.3	2.0	5.0	3.3	3.3
Mean	2.3	1.5	2.5	2.6	2.4	.

TABLE 76 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VI FOR YEAR 2010

STRAIN/ VARIETY	Clemson, SC	Kinston, NC(B)	Plymouth, NC(A)	Stoneville, MS	Stuttgart, AR	Test Mean
DILLON	.	2.5	.	2.0	.	2.2
AGS606RR	.	3.0	.	2.0	.	2.5
NC-ROY	.	2.5	.	2.0	.	2.2
G07-1363 RR	.	2.5	.	3.0	.	2.7
G07-1450 RR	.	2.8	.	2.0	.	2.4
G07-1460 RR	.	2.5	.	2.0	.	2.2
N06-10009	.	3.0	.	2.0	.	2.5
N06-10029	.	2.8	.	2.0	.	2.4
N06-10237	.	3.0	.	2.0	.	2.5
N06-6	.	2.5	.	2.0	.	2.2
N06-7280	.	2.5	.	2.0	.	2.2
N6202	.	3.0	.	2.0	.	2.5
NCC07-8138	.	3.0	.	2.0	.	2.5
R03-1011	.	3.0	.	2.0	.	2.5
R05-3817	.	3.0	.	2.0	.	2.5
R07-10322	.	3.0	.	2.0	.	2.5
R07-1035	.	3.0	.	2.0	.	2.5
R07-1810	.	3.0	.	2.0	.	2.5
TN08-098	.	3.5	.	4.0	.	3.7
TN08-106	.	3.0	.	2.0	.	2.5
TN08-109	.	3.0	.	2.0	.	2.5
TN08-113	.	3.0	.	2.0	.	2.5
TN08-114	.	3.0	.	2.0	.	2.5
Young	.	2.8	.	2.0	.	2.4
VS04-819	.	3.3	.	2.0	.	2.6
VS08-1028	.	3.0	.	2.0	.	2.5
VS08-1033	.	2.8	.	2.0	.	2.4
VS08-1038	.	3.3	.	3.0	.	3.1
Mean	.	2.9	.	2.1	.	.

TABLE 77 - PARENTAGE OF STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	AGS758RR	Commercial check		
2	HASKELL RR	(Johnson x Braxton) x RR		
3	N7002	N7001 x Cook	F4	
4	N02-7084	Cook x Anand		
5	G04-2215 RR	G96-2272 X H7242 RR	F5d	
6	G04-2414 RR	G96-2272 X H7242 RR	F5d	
7	G05-1200 RR	G98-1420 X H7242 RR	F5d	
8	G06-2957 RR	G99-4158 X P97M50	F5d	
9	G06-3182 RR	G99-4158 X P97M50	F5d	
10	N04-9859	N94-7440 X N96-6733	F4	Diversity 12.5%
11	N05-7281	N96-6809 x N98-7265	F4	Diversity,Drought 25% PI
12	N05-7396	N7002 x N98-7265	F4	Diversity,Drought 12.5%
13	N05-7452	N7002 x 5601T	F4	Diversity 12.5% PI416937
14	N05-7462	5601T x N96-6809	F4	Diversity 25% PI 416937
15	N06-7564	NCROY X N8001	F4	Diversity 12.5% PI 416937
16	NCC04-14762R	TN96-58 x NC Roy RR, BC1F1	F4:11	
17	NCC04-624	N97-61 x TN96-64	F4:11	
18	NCC06-5754R	TN99-184xNC ROY RR, BC4F2	F4:9	
19	NCC06-7018R	N97-9612xNC ROY RR, BC4F2	F4:9	
20	NCC06-899	R97-1634xN97-9693	F4:9	
21	NCC06-929	R97-1634xN97-9693	F4:9	
22	SC04-375RR	N95-614/(SANTEE/{SC92- 2482(2)/[HAGOOD(2)/BC1RESNIKRR]})	F5	
23	SC04-386RR	N95-614/(SANTEE/{SC92- 2482(2)/[HAGOOD(2)/BC1RESNIKRR]})	F5	
24	SC04-417RR	N95-614/(SANTEE/{SC92- 2482(2)/[HAGOOD(2)/BC1RESNIKRR]})	F5	
25	SC06-301RR	N97-9658/SC01-783RR	F5	

**TABLE 78 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN UNIFORM TEST VII FOR YEAR 2010**

STRAIN/ VARIETY	AVERAGE		YIELD‡			PROTEIN			OIL		
	RANK	RANK	2010	09-10	08-10	2010	09-10	08-10	2010	09-10	08-10
AGS758RR	22	17	41.6	43.7	44.5	39.6	40.0	40.6	19.9	19.5	19.4
HASKELL RR	17	14	43.5	45.3	45.1	38.5	39.3	40.1	19.8	20.0	20.0
N7002	5	10	46.9	50.1	49.3	39.4	40.2	40.9	20.0	19.9	19.7
N02-7084	19	15	43.3	48.4	48.2	39.3	39.4	40.2	19.8	20.3	20.3
G04-2215 RR	10	12	44.7	47.0	47.0	37.5	38.0	38.6	21.5	20.8	20.5
G04-2414 RR	21	18	41.8	45.5	45.4	39.2	39.7	40.5	20.6	20.3	20.0
G05-1200 RR	15	14	43.7	48.3	.	40.0	40.4	.	20.1	20.5	.
G06-2957 RR	16	15	43.6	.	.	39.3	.	.	20.8	.	.
G06-3182 RR	6	10	45.9	.	.	38.4	.	.	19.4	.	.
N04-9859	23	18	40.7	.	.	39.8	.	.	19.7	.	.
N05-7281	11	12	44.5	46.6	46.5	38.8	39.4	40.0	21.5	21.3	21.2
N05-7396	14	14	43.9	.	.	39.5	.	.	21.6	.	.
N05-7452	12	14	44.4	47.5	48.6	38.6	39.6	40.3	20.5	20.3	20.1
N05-7462	7	12	45.4	48.1	49.0	38.1	38.8	39.2	21.4	21.4	21.3
N06-7564	3	8	47.1	49.1	.	40.6	40.8	.	19.6	19.7	.
NCC04-14762R	20	17	42.0	46.7	.	39.7	40.5	.	20.5	20.1	.
NCC04-624	24	17	40.3	45.2	46.3	37.9	39.1	39.9	21.0	20.8	20.6
NCC06-5754R	8	10	45.3	.	.	39.1	.	.	20.9	.	.
NCC06-7018R	9	10	45.2	.	.	39.8	.	.	20.0	.	.
NCC06-899	1	3	50.4	.	.	38.3	.	.	21.7	.	.
NCC06-929	2	7	48.6	.	.	39.1	.	.	21.4	.	.
SC04-375RR	4	8	47.1	49.9	50.1	39.9	40.3	40.7	20.8	20.6	20.5
SC04-386RR	18	15	43.4	45.8	46.9	40.5	39.5	39.8	20.2	21.0	21.2
SC04-417RR	25	20	40.1	44.9	46.0	38.1	38.8	39.6	21.0	21.1	21.1
SC06-301RR	13	16	44.0	.	.	39.6	.	.	21.0	.	.
Mean	.	.	44.3	.	.	39.1	.	.	20.6	.	.
LSD(0.05)	.	.	3.9	.	.	1.1	.	.	1.2	.	.
CV(%)	.	.	12.8	.	.	2.6	.	.	5.4	.	.

‡Data not included in mean: 2010 – Calhoun, GA
2009 – Calhoun, GA; Clemson, SC; Tallassee, AL (only yield was omitted)
2008 – Bossier City, LA; Florence, SC

TABLE 79 - GENERAL SUMMARY OF BOTANICAL TRAITS FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VII FOR YEAR 2010

STRAIN/ VARIETY	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SEED SIZE	FL. COLOR	PUB. COLOR	POD COLOR
AGS758RR	0	2.1	36	1.6	13.1			
HASKELL RR	3	2.2	40	1.5	14.5			
N7002	2	2.2	35	1.5	12.7	P	G	T
N02-7084	3	2.2	37	1.7	14.5			
G04-2215 RR	1	2.1	35	1.7	11.7	W	T	T
G04-2414 RR	4	2.1	40	1.6	12.6	P	T	T
G05-1200 RR	-2	2.1	36	1.6	13.4	P	T	T
G06-2957 RR	-1	2.1	37	1.6	12.5	W	T	T
G06-3182 RR	-3	2.1	34	1.6	12.0	P	T	T
N04-9859	1	2.2	33	1.6	12.1	P	G	
N05-7281	3	2.1	35	1.4	14.1	P	G	
N05-7396	2	2.1	38	1.5	14.2	W	G	
N05-7452	-1	2.1	33	1.5	11.1	P	G	
N05-7462	-1	2.2	38	1.5	14.6	W	G	
N06-7564	-1	2.2	37	1.7	13.5	W	G	
NCC04-14762R	-3	2.1	34	1.6	13.1	W	G	
NCC04-624	0	2.1	27	1.6	12.5	P	G	T
NCC06-5754R	0	2.0	30	1.8	13.5	S	G	T
NCC06-7018R	2	2.2	35	1.5	12.8	W	G	Br
NCC06-899	0	2.1	36	1.4	14.5	W	G	T
NCC06-929	4	2.1	32	1.7	14.6	W	G	
SC04-375RR	0	2.1	37	1.7	14.4	W	T	T
SC04-386RR	7	2.1	42	1.7	13.5	W	G	T
SC04-417RR	2	2.1	36	1.6	12.8	W	T	T
SC06-301RR	5	2.1	37	1.6	12.7	P	G	T
Mean	1	2.1	36	1.6	13.2			
LSD(0.05)	2	0.1	2	0.2	0.8			
CV(%)	268	7.1	9	18.0	6.7			

**TABLE 80 - GENERAL SUMMARY OF PEST REACTION FOR STRAIN/VARIETY
GROWN IN UNIFORM TEST VII FOR YEAR 2010**

STRAIN/ VARIETY	SCN HG TYPE	SCN HG TYPE	SCN HG TYPE	PRK	SRK	SMV G1	SC	SC	SDS
	1.2.5.7	7	1.3.5.6.7							GA	GA	REACTION	RATING	SCORE	DX
	Race 2	Race 3	Race 14						
AGS758 RR	5	1	.	2.8	1.0		R	1	.
HASKELL RR	5	5	.	2.0	1.8		R	1	.
N7002	5	5	.	4.5	3.0		MS	4	.
N02-7084	2	3	.	5.0	1.3		R	1	.
G04-2215 RR	5	1	.	3.3	1.0		R	1	.
G04-2414 RR	5	1	.	3.5	1.0		R	1	.
G05-1200 RR	4	1	.	2.5	1.0		R	1	.
G06-2957 RR	1	1	.	2.5	1.0		R	1	.
G06-3182 RR	4	1	.	4.0	1.0		R	1	.
N04-9859	5	5	.	4.3	5.0		R	1	.
N05-7281	5	5	.	3.8	5.0		S	5	.
N05-7396	5	5	.	4.0	5.0		MS	4	.
N05-7452	5	5	.	2.3	1.8		MS	4	.
N05-7462	5	5	.	4.3	1.3		SS	3	.
N06-7564	5	5	.	3.8	5.0		R	1	.
NCC04-14762R	5	5	.	3.8	5.0		R	1	.
NCC04-624	5	5	.	3.5	5.0		R	1	.
NCC06-5754R	5	4	.	3.3	4.8		R	1	.
NCC06-7018R	5	5	.	3.5	4.8		R	1	.
NCC06-899	5	5	.	3.3	1.0		R	1	.
NCC06-929	5	5	.	3.3	1.0		R	1	.
SC04-375RR	5	5	.	4.3	3.3		R	1	.
SC04-386RR	4	2	.	4.3	2.3		S	5	.
SC04-417RR	5	5	.	2.8	1.3		R	1	.
SC06-301RR	5	2	.	3.3	1.0		R	1	.

TABLE 81 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VII FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Plymouth, NC(A)	Area Mean
AGS758 RR	24.6	40.9	32.8
HASKELL RR	34.3	39.2	36.7
N7002	34.1	38.8	36.5
N02-7084	29.4	40.3	34.8
G04-2215 RR	40.2	31.8	36.0
G04-2414 RR	34.9	38.4	36.7
G05-1200 RR	37.7	38.5	38.1
G06-2957 RR	35.2	34.6	34.9
G06-3182 RR	38.0	34.5	36.2
N04-9859	35.5	34.7	35.1
N05-7281	37.1	40.1	38.6
N05-7396	35.3	37.8	36.6
N05-7452	39.7	40.2	39.9
N05-7462	39.5	36.2	37.8
N06-7564	34.6	43.3	38.9
NCC04-14762R	34.0	41.2	37.6
NCC04-624	43.4	39.2	41.3
NCC06-5754R	38.7	44.9	41.8
NCC06-7018R	40.4	38.3	39.4
NCC06-899	42.1	47.8	45.0
NCC06-929	36.5	43.1	39.8
SC04-375RR	37.5	41.5	39.5
SC04-386RR	27.9	37.1	32.5
SC04-417RR	34.4	37.6	36.0
SC06-301RR	34.1	36.8	35.5
Mean	36.0	39.1	37.5
LSD(0.05)	5.4	6.4	7.8
CV(%)	9.2	9.9	12.8

TABLE 81 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VII FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Calhoun,‡ GA	Clemson, SC	Fairhope, AL	Tifton, GA	Area Mean
AGS758 RR	46.1	37.2	38.6	37.2	28.4	55.9	59.0	30.9	43.5
HASKELL RR	35.3	43.6	41.4	34.5	27.0	59.9	64.0	29.9	44.1
N7002	35.0	42.8	50.1	40.8	30.9	63.6	63.9	42.2	48.3
N02-7084	48.0	37.6	36.9	34.3	25.1	58.3	64.2	38.9	45.5
G04-2215 RR	43.4	42.0	37.0	41.7	33.0	56.5	64.9	39.7	46.5
G04-2414 RR	41.3	37.1	35.5	34.7	29.1	55.2	65.9	30.6	42.9
G05-1200 RR	48.4	39.8	31.9	32.1	29.9	62.0	59.0	34.6	44.0
G06-2957 RR	52.3	38.1	36.9	37.8	29.2	52.7	64.9	38.2	45.8
G06-3182 RR	48.8	40.1	39.0	39.6	31.0	58.4	66.7	40.7	47.6
N04-9859	38.5	39.0	39.9	37.0	28.6	62.6	58.6	29.4	43.6
N05-7281	44.2	40.2	45.9	41.9	36.1	58.4	60.6	35.7	46.7
N05-7396	31.2	37.3	44.5	36.4	32.3	60.9	65.4	37.9	44.8
N05-7452	40.0	36.7	39.0	35.3	29.2	59.9	62.5	47.1	45.8
N05-7462	43.2	40.2	40.2	35.7	31.0	63.4	61.3	41.0	46.4
N06-7564	44.1	41.6	43.4	38.5	23.7	63.6	67.7	44.9	49.1
NCC04-14762R	40.6	44.8	36.4	31.7	27.6	59.4	63.3	29.9	43.7
NCC04-624	38.7	38.9	40.5	34.2	30.0	61.8	58.7	23.7	42.3
NCC06-5754R	49.4	43.1	43.2	36.9	35.2	64.1	64.5	26.7	46.8
NCC06-7018R	37.3	42.0	40.7	37.3	23.0	64.7	63.3	42.7	46.9
NCC06-899	46.9	43.8	44.6	42.4	28.9	68.6	72.0	39.0	51.0
NCC06-929	37.3	42.8	50.3	46.5	43.2	69.6	67.6	33.4	49.6
SC04-375RR	46.7	39.4	45.6	44.3	31.9	60.5	66.6	38.5	48.8
SC04-386RR	42.8	39.7	40.7	39.1	36.0	57.9	62.7	35.4	45.5
SC04-417RR	36.1	28.6	40.5	34.0	29.3	57.1	60.6	36.7	41.9
SC06-301RR	43.0	31.8	39.9	36.2	25.8	57.1	57.8	50.3	45.2
Mean	42.3	39.5	40.9	37.6	30.2	60.5	63.4	36.7	45.9
LSD(0.05)	7.6	6.3	7.8	6.7	12.6	5.7	4.1	5.7	4.4
CV(%)	11.0	9.7	11.6	10.8	25.4	5.7	3.9	9.5	11.4

‡Data not included in mean.

TABLE 81 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VII FOR YEAR 2010

West

STRAIN/ VARIETY	Bossier City, LA	Area Mean
AGS758 RR	45.9	45.9
HASKELL RR	52.8	52.8
N7002	57.9	57.9
N02-7084	45.4	45.4
G04-2215 RR	49.6	49.6
G04-2414 RR	44.7	44.7
G05-1200 RR	52.5	52.5
G06-2957 RR	45.0	45.0
G06-3182 RR	53.2	53.2
N04-9859	31.8	31.8
N05-7281	40.7	40.7
N05-7396	52.5	52.5
N05-7452	44.1	44.1
N05-7462	53.0	53.0
N06-7564	49.8	49.8
NCC04-14762R	38.3	38.3
NCC04-624	24.1	24.1
NCC06-5754R	42.1	42.1
NCC06-7018R	45.6	45.6
NCC06-899	56.5	56.5
NCC06-929	59.0	59.0
SC04-375RR	50.3	50.3
SC04-386RR	50.7	50.7
SC04-417RR	35.0	35.0
SC06-301RR	52.8	52.8
Mean	46.9	46.9
LSD(0.05)	11.5	.
CV(%)	14.9	.

TABLE 82 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plymouth, NC(A)	Test Mean
AGS758 RR	19.1	25.1	18.2	19.4	19.6	19.0	19.0	19.9
HASKELL RR	19.2	19.6	20.3	20.2	19.4	20.0	19.7	19.8
N7002	20.1	20.1	20.4	20.2	20.0	20.9	18.7	20.0
N02-7084	19.9	20.8	19.6	20.3	19.6	19.0	19.7	19.8
G04-2215 RR	25.1	25.1	19.4	20.3	20.7	20.7	19.4	21.5
G04-2414 RR	19.5	20.5	19.0	20.3	19.8	25.1	20.0	20.6
G05-1200 RR	19.8	21.5	19.0	20.1	20.0	20.5	19.8	20.1
G06-2957 RR	19.3	21.5	19.8	21.2	25.0	20.0	19.2	20.8
G06-3182 RR	19.3	20.2	18.5	19.8	19.6	19.8	18.6	19.4
N04-9859	20.0	20.2	19.9	19.7	19.1	19.8	19.3	19.7
N05-7281	20.7	21.0	20.5	25.0	21.1	21.9	20.2	21.5
N05-7396	20.8	22.4	21.8	21.1	20.2	25.0	19.8	21.6
N05-7452	19.7	22.2	21.0	20.4	20.3	20.7	19.2	20.5
N05-7462	20.9	22.4	21.1	21.7	20.9	22.7	20.2	21.4
N06-7564	18.9	20.5	19.0	20.8	20.2	19.1	18.7	19.6
NCC04-14762R	20.1	21.4	21.1	20.4	20.0	21.3	19.1	20.5
NCC04-624	20.9	21.5	21.3	21.0	20.5	21.6	20.1	21.0
NCC06-5754R	20.4	22.7	19.9	20.9	20.1	22.0	20.0	20.9
NCC06-7018R	19.4	19.7	20.4	21.4	19.9	20.3	19.3	20.0
NCC06-899	21.3	22.3	21.6	21.9	21.7	22.1	20.6	21.7
NCC06-929	21.2	21.1	21.0	21.8	21.5	22.0	20.8	21.4
SC04-375RR	20.1	21.0	20.7	25.1	19.7	20.2	18.8	20.8
SC04-386RR	19.8	20.4	20.4	20.2	19.9	21.4	19.6	20.2
SC04-417RR	19.9	22.2	21.0	21.0	21.0	21.8	20.1	21.0
SC06-301RR	20.1	25.1	20.3	21.0	20.3	20.5	20.1	21.0
Mean	20.2	21.6	20.2	21.0	20.4	21.1	19.6	.

TABLE 83 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plymouth, NC(A)	Test Mean
AGS758 RR	38.1	39.6	41.7	37.5	41.3	39.3	39.7	39.6
HASKELL RR	38.4	38.5	39.7	36.4	39.4	38.7	38.6	38.5
N7002	39.2	39.2	40.0	38.5	38.9	38.9	41.5	39.4
N02-7084	38.2	37.4	41.5	39.7	39.1	39.5	39.5	39.3
G04-2215 RR	37.1	36.1	39.8	36.4	37.5	37.0	38.6	37.5
G04-2414 RR	37.9	37.7	41.8	37.7	40.0	39.8	39.7	39.2
G05-1200 RR	39.9	37.9	42.0	39.5	40.7	39.9	40.2	40.0
G06-2957 RR	38.9	37.9	40.4	38.2	40.6	39.4	39.9	39.3
G06-3182 RR	38.2	37.5	39.9	37.1	38.7	37.8	39.6	38.4
N04-9859	38.5	38.6	41.1	38.3	39.7	40.5	41.6	39.8
N05-7281	38.4	37.7	40.7	38.8	37.9	38.4	39.7	38.8
N05-7396	38.3	36.3	41.3	38.1	39.7	41.4	41.2	39.5
N05-7452	38.2	36.1	39.1	38.4	38.7	38.8	41.0	38.6
N05-7462	37.9	36.1	39.0	37.3	38.6	38.5	39.4	38.1
N06-7564	39.0	37.9	41.4	40.1	45.1	39.9	41.1	40.6
NCC04-14762R	39.9	39.2	40.7	39.2	39.9	38.1	41.3	39.7
NCC04-624	37.4	36.3	38.4	38.0	39.2	36.9	39.0	37.9
NCC06-5754R	38.8	35.4	42.4	39.1	40.5	36.9	40.9	39.1
NCC06-7018R	38.8	39.7	39.8	39.8	40.1	39.1	41.3	39.8
NCC06-899	37.6	36.6	39.3	37.1	39.8	38.6	39.5	38.3
NCC06-929	36.8	38.9	40.3	40.0	39.8	38.1	39.7	39.1
SC04-375RR	37.7	38.0	40.6	38.7	40.1	39.4	45.1	39.9
SC04-386RR	39.3	38.1	40.9	38.5	45.0	39.7	41.7	40.5
SC04-417RR	37.9	35.0	39.4	37.0	39.6	37.4	40.4	38.1
SC06-301RR	39.0	37.9	40.7	38.6	41.2	39.3	40.7	39.6
Mean	38.4	37.6	40.5	38.3	40.0	38.8	40.4	.

TABLE 84 - SIZE (GRAMS PER 100 SEED) FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Bossier City, LA	Calhoun, GA	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plymouth, NC(A)	Tifton, GA	Test Mean
AGS758 RR	11.2	11.8	13.2	.	14.7	11.7	14.2	15.7	11.8	11.3	15.1	13.1
HASKELL RR	12.6	14.8	13.8	.	14.3	12.3	15.2	18.7	14.9	14.2	14.7	14.5
N7002	10.2	12.3	13.5	.	13.8	11.4	14.7	14.3	11.7	12.0	13.4	12.7
N02-7084	14.1	13.5	12.1	.	15.7	11.7	15.8	17.8	14.4	13.7	15.9	14.5
G04-2215 RR	9.8	10.4	13.3	.	11.5	9.5	14.8	12.8	11.3	11.3	12.1	11.7
G04-2414 RR	11.9	10.2	13.2	.	13.4	10.5	15.6	14.2	11.4	12.3	12.9	12.6
G05-1200 RR	11.9	11.2	13.2	.	14.1	11.6	16.2	16.1	13.0	10.9	16.0	13.4
G06-2957 RR	11.2	9.9	13.9	.	14.7	10.1	14.9	14.3	11.5	10.7	14.4	12.5
G06-3182 RR	10.5	10.6	12.0	.	12.8	9.6	14.5	13.6	11.9	10.6	14.1	12.0
N04-9859	10.5	11.1	11.1	.	12.6	9.4	16.2	14.9	11.7	11.9	11.8	12.1
N05-7281	12.2	13.6	13.1	.	13.6	12.5	15.7	17.6	14.3	13.6	14.6	14.1
N05-7396	12.6	12.7	13.0	.	13.8	12.3	17.1	16.9	14.8	13.7	15.3	14.2
N05-7452	9.1	8.6	13.9	.	12.2	8.6	13.8	12.5	9.9	9.7	12.7	11.1
N05-7462	13.4	12.2	13.1	.	15.3	12.5	16.7	16.5	15.5	13.1	17.2	14.6
N06-7564	12.9	12.9	13.5	.	13.6	10.0	16.6	15.8	12.3	12.5	14.6	13.5
NCC04-14762R	12.0	11.9	12.1	.	13.1	10.7	15.3	15.2	12.5	12.3	15.9	13.1
NCC04-624	11.0	10.8	14.1	.	13.4	9.9	16.6	14.7	10.8	9.8	13.9	12.5
NCC06-5754R	12.5	12.1	14.2	.	13.8	10.5	15.7	17.3	12.2	12.4	14.4	13.5
NCC06-7018R	9.9	12.7	14.2	.	12.8	9.5	15.2	14.9	13.0	11.5	14.4	12.8
NCC06-899	12.7	13.0	14.2	.	15.2	10.6	17.3	18.0	13.8	13.5	16.3	14.5
NCC06-929	13.8	13.6	13.9	.	16.4	12.9	16.4	19.0	12.9	13.5	14.1	14.6
SC04-375RR	13.5	12.8	13.2	.	15.5	11.2	16.8	17.6	14.3	12.3	17.2	14.4
SC04-386RR	11.6	12.6	14.2	.	14.3	11.3	16.0	15.1	12.4	13.1	14.0	13.5
SC04-417RR	11.3	11.5	14.2	.	14.2	10.3	15.2	14.7	11.6	11.5	13.3	12.8
SC06-301RR	9.7	12.7	14.9	.	13.2	10.9	15.3	13.4	11.8	11.8	13.0	12.7
Mean	11.7	12.0	13.4	.	13.9	10.9	15.7	15.7	12.6	12.1	14.4	.

TABLE 85 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Plymouth, NC(A)	Area Mean
AGS758 RR	10/30	10/27	10/29
HASKELL RR	2	2	2
N7002	1	4	2
N02-7084	4	2	3
G04-2215 RR	2	2	2
G04-2414 RR	2	3	2
G05-1200 RR	-1	-1	-1
G06-2957 RR	0	-1	-1
G06-3182 RR	-4	-1	-3
N04-9859	0	3	2
N05-7281	4	9	6
N05-7396	2	2	2
N05-7452	0	1	0
N05-7462	2	3	2
N06-7564	-1	0	-1
NCC04-14762R	-2	-1	-1
NCC04-624	0	2	1
NCC06-5754R	-4	0	-2
NCC06-7018R	2	1	1
NCC06-899	-1	1	0
NCC06-929	1	4	2
SC04-375RR	1	2	1
SC04-386RR	4	10	7
SC04-417RR	1	0	0
SC06-301RR	3	5	4
Mean	0	2	1

TABLE 85 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Calhoun, GA	Clemson, SC	Fairhope, AL	Area Mean
AGS758 RR	10/13	10/22	10/23	10/29	10/16	10/27	10/22	10/22
HASKELL RR	4	6	2	4	6	4	3	4
N7002	3	6	1	2	1	4	1	3
N02-7084	1	6	1	2	3	5	3	3
G04-2215 RR	1	7	-1	2	-2	4	1	2
G04-2414 RR	7	3	2	5	10	6	3	5
G05-1200 RR	-5	2	-6	1	-9	0	1	-2
G06-2957 RR	-1	0	-4	-4	-1	-1	0	-2
G06-3182 RR	-6	1	-5	-1	-7	-1	-1	-3
N04-9859	4	5	-3	-3	11	3	0	3
N05-7281	4	9	2	1	6	6	-2	4
N05-7396	1	4	2	4	6	3	1	3
N05-7452	1	0	-4	-1	3	0	0	0
N05-7462	1	0	-4	-2	-4	3	0	-1
N06-7564	0	2	-4	0	0	-1	-3	-1
NCC04-14762R	-6	0	-5	-4	-5	-1	-2	-3
NCC04-624	1	2	-1	-2	-2	3	3	1
NCC06-5754R	1	4	-4	-3	6	1	0	1
NCC06-7018R	2	8	3	3	2	6	3	4
NCC06-899	0	3	-1	2	1	3	2	1
NCC06-929	2	9	3	3	8	8	3	5
SC04-375RR	2	1	0	-1	0	2	0	1
SC04-386RR	7	12	7	9	8	8	4	8
SC04-417RR	1	7	1	3	2	3	0	2
SC06-301RR	1	12	2	7	8	6	0	5
Mean	1	4	-1	1	2	3	1	2

TABLE 85 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

West

STRAIN/ VARIETY	Bossier City, LA	Area Mean
AGS758 RR	10/20	10/20
HASKELL RR	1	1
N7002	0	0
N02-7084	4	4
G04-2215 RR	-3	-3
G04-2414 RR	2	2
G05-1200 RR	1	1
G06-2957 RR	1	1
G06-3182 RR	-3	-3
N04-9859	-6	-6
N05-7281	-5	-5
N05-7396	-4	-4
N05-7452	-5	-5
N05-7462	-5	-5
N06-7564	-4	-4
NCC04-14762R	-8	-8
NCC04-624	-6	-6
NCC06-5754R	-6	-6
NCC06-7018R	-6	-6
NCC06-899	-6	-6
NCC06-929	2	2
SC04-375RR	-2	-2
SC04-386RR	0	0
SC04-417RR	-3	-3
SC06-301RR	3	3
Mean	-2	-2

TABLE 86 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Plymouth, NC(A)	Area Mean
AGS758 RR	32	44	38
HASKELL RR	46	48	47
N7002	38	46	42
N02-7084	39	48	44
G04-2215 RR	41	49	45
G04-2414 RR	42	50	46
G05-1200 RR	38	46	42
G06-2957 RR	36	45	41
G06-3182 RR	36	45	41
N04-9859	30	44	37
N05-7281	34	48	41
N05-7396	44	48	46
N05-7452	40	45	43
N05-7462	46	44	45
N06-7564	34	48	41
NCC04-14762R	40	48	44
NCC04-624	32	40	36
NCC06-5754R	38	43	41
NCC06-7018R	44	46	45
NCC06-899	42	48	45
NCC06-929	34	43	39
SC04-375RR	39	48	44
SC04-386RR	38	54	46
SC04-417RR	45	47	46
SC06-301RR	38	47	43
Mean	39	47	.

TABLE 86 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tifton, GA	Area Mean
AGS758 RR	36	29	37	37	44	41	31	31	36
HASKELL RR	41	39	41	34	45	44	37	41	40
N7002	30	33	32	36	39	38	33	34	34
N02-7084	37	30	36	36	42	42	33	33	36
G04-2215 RR	35	29	33	33	42	42	30	31	35
G04-2414 RR	42	33	41	33	48	44	36	41	40
G05-1200 RR	35	28	37	34	40	41	32	33	35
G06-2957 RR	37	32	37	36	43	40	33	34	36
G06-3182 RR	37	27	35	32	37	37	29	31	33
N04-9859	36	25	36	29	41	39	32	30	34
N05-7281	33	32	34	36	46	38	29	29	35
N05-7396	37	31	38	38	44	42	33	30	37
N05-7452	32	24	33	32	42	38	29	29	32
N05-7462	36	32	38	37	42	43	40	27	37
N06-7564	39	32	37	36	44	42	32	31	37
NCC04-14762R	35	30	33	31	39	40	32	30	34
NCC04-624	27	23	23	23	33	33	27	27	27
NCC06-5754R	31	21	28	30	38	36	25	22	29
NCC06-7018R	30	32	35	35	40	41	33	29	34
NCC06-899	36	30	37	33	40	42	33	27	35
NCC06-929	28	27	34	33	37	36	26	27	31
SC04-375RR	35	30	41	38	44	42	35	29	37
SC04-386RR	44	30	45	40	51	46	37	43	42
SC04-417RR	36	24	38	34	43	44	35	31	36
SC06-301RR	36	31	36	35	42	42	32	37	36
Mean	35	29	36	34	42	41	32	32	.

TABLE 86 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

West

STRAIN/ VARIETY	Bossier City, LA	Area Mean
AGS758 RR	27	27
HASKELL RR	29	29
N7002	28	28
N02-7084	30	30
G04-2215 RR	23	23
G04-2414 RR	27	27
G05-1200 RR	27	27
G06-2957 RR	28	28
G06-3182 RR	24	24
N04-9859	21	21
N05-7281	25	25
N05-7396	30	30
N05-7452	23	23
N05-7462	32	32
N06-7564	29	29
NCC04-14762R	22	22
NCC04-624	17	17
NCC06-5754R	23	23
NCC06-7018R	26	26
NCC06-899	28	28
NCC06-929	23	23
SC04-375RR	30	30
SC04-386RR	28	28
SC04-417RR	26	26
SC06-301RR	30	30
Mean	26	.

TABLE 87 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Plymouth, NC(A)	Area Mean
AGS758 RR	2.0	.	2.0
HASKELL RR	3.0	.	3.0
N7002	3.0	.	3.0
N02-7084	3.0	.	3.0
G04-2215 RR	2.5	.	2.5
G04-2414 RR	2.5	.	2.5
G05-1200 RR	2.0	.	2.0
G06-2957 RR	2.5	.	2.5
G06-3182 RR	2.5	.	2.5
N04-9859	3.0	.	3.0
N05-7281	2.0	.	2.0
N05-7396	2.5	.	2.5
N05-7452	2.5	.	2.5
N05-7462	3.0	.	3.0
N06-7564	3.0	.	3.0
NCC04-14762R	2.5	.	2.5
NCC04-624	2.5	.	2.5
NCC06-5754R	1.0	.	1.0
NCC06-7018R	3.0	.	3.0
NCC06-899	2.5	.	2.5
NCC06-929	2.5	.	2.5
SC04-375RR	2.5	.	2.5
SC04-386RR	2.0	.	2.0
SC04-417RR	2.5	.	2.5
SC06-301RR	2.5	.	2.5
Mean	2.5	.	.

TABLE 87 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tifton, GA	Area Mean
AGS758 RR	1.0	1.0	3.0	3.6	2.0	3.0	1.0	2.0	2.1
HASKELL RR	1.0	1.0	3.0	3.6	2.0	3.0	1.0	2.0	2.1
N7002	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
N02-7084	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
G04-2215 RR	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
G04-2414 RR	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
G05-1200 RR	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
G06-2957 RR	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
G06-3182 RR	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
N04-9859	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
N05-7281	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
N05-7396	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
N05-7452	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
N05-7462	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
N06-7564	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
NCC04-14762R	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
NCC04-624	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
NCC06-5754R	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
NCC06-7018R	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
NCC06-899	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
NCC06-929	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
SC04-375RR	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
SC04-386RR	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	2.1
SC04-417RR	1.0	1.0	3.2	3.7	2.0	3.0	1.0	2.0	2.1
SC06-301RR	1.0	1.0	3.2	3.7	2.0	3.0	1.0	2.0	2.1
Mean	1.0	1.0	3.0	3.7	2.0	3.0	1.0	2.0	.

TABLE 88 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(A)	Blackville, SC(B)	Calhoun, GA	Clemson, SC	Fairhope, AL	Tifton, GA	Area Mean
AGS758 RR	2.2	1.7	.	.	1.7	.	1.5	1.7	1.7
HASKELL RR	1.8	1.5	.	.	1.5	.	1.5	1.8	1.6
N7002	2.0	1.5	.	.	1.5	.	1.5	1.5	1.6
N02-7084	2.3	1.7	.	.	1.7	.	1.5	2.3	1.9
G04-2215 RR	2.8	1.5	.	.	1.8	.	1.5	1.7	1.9
G04-2414 RR	2.5	1.5	.	.	1.5	.	1.5	1.8	1.8
G05-1200 RR	2.2	1.5	.	.	1.5	.	1.5	2.0	1.7
G06-2957 RR	2.3	1.5	.	.	1.8	.	1.5	1.5	1.7
G06-3182 RR	1.8	1.5	.	.	1.8	.	1.5	1.8	1.7
N04-9859	2.0	1.7	.	.	1.5	.	1.5	2.2	1.8
N05-7281	1.8	1.7	.	.	1.0	.	1.5	1.5	1.5
N05-7396	2.2	1.8	.	.	1.2	.	1.5	1.2	1.6
N05-7452	2.3	1.5	.	.	1.5	.	1.5	1.3	1.6
N05-7462	2.2	1.5	.	.	1.3	.	1.5	1.5	1.6
N06-7564	2.5	1.8	.	.	1.5	.	1.5	1.7	1.8
NCC04-14762R	2.2	1.7	.	.	1.5	.	1.5	1.7	1.7
NCC04-624	2.3	1.5	.	.	1.5	.	1.5	1.5	1.7
NCC06-5754R	2.8	1.8	.	.	1.3	.	1.5	2.2	1.9
NCC06-7018R	1.8	1.5	.	.	1.7	.	1.5	1.5	1.6
NCC06-899	1.8	1.5	.	.	1.3	.	1.5	1.5	1.5
NCC06-929	2.7	1.8	.	.	1.2	.	1.5	2.2	1.9
SC04-375RR	2.7	1.8	.	.	1.7	.	1.5	1.5	1.8
SC04-386RR	2.8	1.8	.	.	1.2	.	1.5	1.8	1.8
SC04-417RR	1.8	1.5	.	.	1.8	.	1.5	2.2	1.8
SC06-301RR	2.2	1.7	.	.	1.5	.	1.5	1.5	1.7
Mean	2.2	1.6	.	.	1.5	.	1.5	1.7	.

TABLE 88 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VII FOR YEAR 2010

West

STRAIN/ VARIETY	Bossier City, LA	Area Mean
AGS758 RR	1.0	1.0
HASKELL RR	1.0	1.0
N7002	1.0	1.0
N02-7084	1.0	1.0
G04-2215 RR	1.0	1.0
G04-2414 RR	1.0	1.0
G05-1200 RR	1.0	1.0
G06-2957 RR	1.0	1.0
G06-3182 RR	1.0	1.0
N04-9859	1.0	1.0
N05-7281	1.0	1.0
N05-7396	1.0	1.0
N05-7452	1.0	1.0
N05-7462	1.0	1.0
N06-7564	1.0	1.0
NCC04-14762R	1.0	1.0
NCC04-624	1.0	1.0
NCC06-5754R	1.0	1.0
NCC06-7018R	1.0	1.0
NCC06-899	1.0	1.0
NCC06-929	1.0	1.0
SC04-375RR	1.0	1.0
SC04-386RR	1.0	1.0
SC04-417RR	1.0	1.0
SC06-301RR	1.0	1.0
Mean	1.0	.

TABLE 89 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	AGS758RR	Commercial check		
2	HASKELL RR	(Johnson x Braxton) x RR		
3	N7002	N7001 x Cook	F4	
4	N02-7084	Cook x Anand		
5	G07-1366 RR	G00-3213 X [BOGGS-RR(3) X N98-7288]	F5d	
6	G07-3192 RR	G98-1053 X BOGGS-RR	F5d	
7	G07-3651 RR	G00-3213 X P97M50	F5d	
8	G07-3674 RR	G01-2633 X P97M50	F5d	
9	G07-3691 RR	G01-2633 X P97M50	F5d	
10	G07-3774 RR	G01-2633 X P97M50	F5d	
11	G07-3839 RR	G01-2633 X P97M50	F5d	
12	N02-8951	N96-6730 X N96-6732	F4	Diversity 25%
13	N04-8947	N96-6894 X N97-9812	F4	Diversity 50% PI 416937
14	N05-7260	N96-6809 x N96-7031	F4	Diversity 50% PI 416937
15	N06-7535	NC Roy x N8001	F4	Diversity 416937
16	N7103	NTCPR90-143 x Pearl		lodging resistant
17	NMS4-175-709	N7103 x PI 366122	F4	Diversity soja PI 366122
18	NMS4-1-83	N7103 x PI 366122	F4	Diversity soja PI 366122
19	SC07-1027RR	G00-3213/SC00-643	F5	
20	SC07-1029RR	G00-3213/SC00-643	F5	
21	SC07-108RR	N97-9658/SC01-783	F5	
22	SC07-1596RR	SC01-809/G99-3211	F5	
23	SC07-786RR	SC01-786/G00-3213	F5	
24	SC98-1930	F92-1792/MANOKIN	F5	Long-juvenile trait

**TABLE 90 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN PRELIMINARY TEST VII FOR YEAR 2010**

STRAIN/ VARIETY	SEED YIELD	RANK	AVG. RANK	MAT. INDEX	LOGGING	HEIGHT	SEED QUALITY	SIZE	% PROTEIN	% OIL	HG TYPE	HG TYPE	HG TYPE	SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR
											1.2.5.7 Race 2	7 Race 3	1.3.5.6.7 Race 14					
AGS758RR	35.0	16	13	0	2.0	41	1.6	11.7	39.9	18.6	5	2	.	R	1			
HASKELL RR	34.7	17	12	3	2.4	45	1.6	13.2	38.8	20.0	5	5	.	R	1			
N7002	35.8	10	10	4	2.0	38	1.6	11.8	39.1	19.6	5	5	.	MS	4	P	G	T
N02-7084	38.3	2	8	2	2.3	39	1.7	13.7	39.6	19.9	1	4	.	R	1			
G07-1366 RR	36.1	6	12	3	2.3	43	1.6	12.1	40.0	18.9	5	1	.	MS	4	W	T	T
G07-3192 RR	37.7	3	9	-1	2.1	41	1.6	10.2	40.3	18.2	4	1	.	R	1	W	T	T
G07-3651 RR	36.4	5	12	-1	2.6	43	1.7	11.3	39.9	19.1	5	1	.	R	1	P	T	T
G07-3674 RR	35.3	13	12	2	1.7	42	1.7	11.3	41.2	18.8	5	2	.	R	1	P	T	T
G07-3691 RR	34.6	18	13	2	2.0	43	1.7	11.6	39.5	19.9	5	1	.	R	1	P	T	T
G07-3774 RR	35.8	9	11	0	1.6	40	1.5	12.5	42.0	18.7	5	2	.	R	1	P	T	T
G07-3839 RR	36.6	4	10	3	2.1	43	1.8	13.8	40.1	19.6	5	2	.	R	1	P	T	T
N02-8951	32.7	21	15	2	1.7	34	1.7	15.0	41.2	19.3	5	5	.	MS	4	P	G	
N04-8947	35.3	14	12	6	1.7	38	1.7	11.4	37.6	21.6	5	5	.	R	1	P	G	
N05-7260	33.3	20	17	5	1.5	31	1.8	11.8	39.0	21.0	5	5	.	SS	3	P	G	
N06-7535	35.2	15	12	3	2.2	42	1.8	13.4	40.6	19.6	5	5	.	MS	4	P	G	
N7103	35.4	12	11	3	1.5	37	1.5	7.5	40.7	18.7	5	5	.	R	1	W	G	
NMS4-175-709	31.5	23	17	-2	1.7	35	1.5	10.0	41.1	20.0	5	5	.	MS	4			
NMS4-1-83	31.6	22	19	-1	2.0	36	1.5	10.2	41.4	19.3	5	5	.	SS	3			
SC07-1027RR	36.0	8	11	8	1.9	49	1.6	13.1	40.2	18.8	5	1	.	SS	3	W	T	T
SC07-1029RR	35.6	11	12	6	2.2	45	1.6	14.2	40.8	19.6	5	1	.	S	5	W	T	T
SC07-108RR	38.3	1	8	8	1.9	42	1.7	11.9	39.1	20.7	5	2	.	SS	3	P	G	T
SC07-1596RR	34.2	19	15	5	1.7	46	1.7	12.1	39.5	19.5	5	2	.	R	1	W	T	T
SC07-786RR	36.1	7	10	10	2.0	44	1.6	14.6	40.9	19.3	5	1	.	R	1	W	T	T
SC98-1930	29.1	24	18	-1	2.5	44	1.7	11.9	40.2	19.6	4	2	.	MS	4	W	G	T
Mean	35.0	.	.	3	2.0	41	1.6	12.1	40.1	19.5	.	.	.	.	.
LSD(0.05)	5.4	.	.	4	0.6	3	0.3	1.2	1.2	0.9	.	.	.	.	.
CV(%)	15.2	.	.	93	26.3	7	13.0	7.7	2.2	3.4	.	.	.	.	.

TABLE 91 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Test Mean
AGS758 RR	46.7	39.3	26.8	21.9	40.3	35.0
HASKELL RR	37.9	39.6	26.4	26.5	43.1	34.7
N7002	36.6	40.9	35.8	20.7	45.0	35.8
N02-7084	52.5	36.9	35.3	23.6	43.0	38.3
G07-1366 RR	48.7	36.3	31.6	27.2	36.6	36.1
G07-3192 RR	53.1	34.8	35.0	24.6	41.0	37.7
G07-3651 RR	48.9	36.6	32.3	24.4	39.8	36.4
G07-3674 RR	40.1	35.0	36.2	30.2	35.2	35.3
G07-3691 RR	40.4	36.4	27.5	27.9	40.7	34.6
G07-3774 RR	43.3	34.3	36.4	22.0	43.1	35.8
G07-3839 RR	44.5	36.4	34.4	26.7	40.8	36.6
N02-8951	41.5	27.5	32.3	21.5	40.6	32.7
N04-8947	37.2	39.3	39.2	27.1	33.6	35.3
N05-7260	39.8	38.5	34.0	20.8	33.5	33.3
N06-7535	36.4	39.0	30.3	25.3	44.8	35.2
N7103	43.2	40.7	26.2	23.6	43.2	35.4
NMS4-175-709	34.4	25.9	34.7	23.1	39.4	31.5
NMS4-1-83	40.5	34.0	31.2	20.9	31.4	31.6
SC07-1027RR	41.9	39.3	30.2	28.2	40.2	36.0
SC07-1029RR	46.3	35.0	32.2	28.4	35.9	35.6
SC07-108RR	51.6	43.1	34.7	25.5	36.9	38.3
SC07-1596RR	42.5	39.5	28.2	21.0	39.9	34.2
SC07-786RR	42.7	39.6	30.5	31.3	36.2	36.1
SC98-1930	34.8	16.7	29.1	25.0	40.1	29.1
Mean	42.7	36.0	32.1	24.9	39.3	35.0
LSD(0.05)	8.7	5.9	5.8	5.0	5.2	5.4
CV(%)	12.4	9.9	10.9	12.1	8.0	15.2

TABLE 92 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Test Mean
AGS758 RR	19.2	19.5	18.7	16.9	.	18.6
HASKELL RR	19.2	20.6	20.9	19.3	.	20.0
N7002	19.3	19.9	20.6	18.5	.	19.6
N02-7084	20.2	20.0	20.9	18.7	.	19.9
G07-1366 RR	18.9	19.7	19.9	17.3	.	18.9
G07-3192 RR	18.4	18.7	19.7	16.0	.	18.2
G07-3651 RR	19.2	19.4	20.7	17.1	.	19.1
G07-3674 RR	18.1	19.0	20.3	18.0	.	18.8
G07-3691 RR	19.2	20.4	20.3	19.6	.	19.9
G07-3774 RR	18.9	19.2	18.9	17.6	.	18.7
G07-3839 RR	19.0	21.6	19.8	17.9	.	19.6
N02-8951	20.3	19.5	19.8	17.8	.	19.3
N04-8947	20.8	22.1	22.4	21.0	.	21.6
N05-7260	20.8	21.7	21.3	20.3	.	21.0
N06-7535	18.7	20.9	20.0	18.6	.	19.6
N7103	19.3	18.1	20.6	17.0	.	18.7
NMS4-175-709	19.9	20.3	21.6	18.0	.	20.0
NMS4-1-83	19.6	19.0	21.0	17.6	.	19.3
SC07-1027RR	20.1	19.0	19.7	16.7	.	18.8
SC07-1029RR	20.4	19.9	19.9	18.2	.	19.6
SC07-108RR	20.6	20.9	21.6	19.7	.	20.7
SC07-1596RR	19.2	20.6	20.7	17.6	.	19.5
SC07-786RR	20.2	18.5	20.3	18.1	.	19.3
SC98-1930	19.9	19.8	19.6	19.2	.	19.6
Mean	19.5	19.9	20.4	18.2	.	.

TABLE 93 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Test Mean
AGS758 RR	38.3	39.7	39.3	42.2	.	39.9
HASKELL RR	38.7	39.3	36.5	41.0	.	38.8
N7002	38.3	40.1	37.4	40.6	.	39.1
N02-7084	38.1	39.6	40.2	40.8	.	39.6
G07-1366 RR	39.4	40.9	38.4	41.4	.	40.0
G07-3192 RR	40.1	41.5	37.5	42.2	.	40.3
G07-3651 RR	38.6	41.8	36.9	42.2	.	39.9
G07-3674 RR	40.2	41.8	39.4	43.3	.	41.2
G07-3691 RR	39.4	39.5	38.2	41.0	.	39.5
G07-3774 RR	40.5	41.6	40.9	45.1	.	42.0
G07-3839 RR	40.0	39.5	38.9	42.3	.	40.1
N02-8951	39.0	41.2	40.7	44.0	.	41.2
N04-8947	36.8	38.3	36.6	38.6	.	37.6
N05-7260	38.1	39.1	37.6	41.2	.	39.0
N06-7535	40.3	39.5	40.2	42.4	.	40.6
N7103	39.7	42.8	37.7	42.7	.	40.7
NMS4-175-709	40.1	40.6	40.5	43.4	.	41.1
NMS4-1-83	40.4	42.5	39.0	43.8	.	41.4
SC07-1027RR	38.7	40.9	38.3	42.8	.	40.2
SC07-1029RR	39.0	42.6	39.4	42.4	.	40.8
SC07-108RR	37.8	40.1	37.2	41.5	.	39.1
SC07-1596RR	39.2	38.8	37.4	42.7	.	39.5
SC07-786RR	38.8	41.1	40.9	42.7	.	40.9
SC98-1930	39.8	40.0	39.4	41.7	.	40.2
Mean	39.1	40.5	38.7	42.2	.	.

TABLE 94 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Test Mean
AGS758 RR	10.4	12.3	12.3	11.4	12.0	11.7
HASKELL RR	12.3	13.1	12.0	14.4	14.4	13.2
N7002	9.5	13.0	11.8	11.9	13.0	11.8
N02-7084	13.4	12.8	14.4	12.8	15.2	13.7
G07-1366 RR	10.3	12.6	11.6	12.8	13.3	12.1
G07-3192 RR	9.6	11.1	10.4	9.2	10.5	10.2
G07-3651 RR	10.4	12.0	11.8	10.5	11.9	11.3
G07-3674 RR	9.9	11.5	11.5	11.4	12.1	11.3
G07-3691 RR	8.9	13.2	11.6	11.4	12.7	11.6
G07-3774 RR	10.7	13.2	12.9	11.2	14.5	12.5
G07-3839 RR	11.8	14.3	14.6	13.4	15.0	13.8
N02-8951	14.8	12.6	16.9	14.8	15.9	15.0
N04-8947	11.2	10.8	10.6	12.8	11.4	11.4
N05-7260	11.0	12.6	12.4	11.3	11.7	11.8
N06-7535	10.7	15.0	14.1	13.7	13.6	13.4
N7103	6.9	10.0	6.6	6.3	7.5	7.5
NMS4-175-709	8.5	12.4	10.0	9.1	10.2	10.0
NMS4-1-83	8.8	12.8	9.5	9.2	10.7	10.2
SC07-1027RR	12.1	13.3	12.7	13.9	13.5	13.1
SC07-1029RR	12.8	14.6	13.8	14.4	15.6	14.2
SC07-108RR	11.7	12.2	11.7	13.0	11.1	11.9
SC07-1596RR	10.5	13.1	11.5	12.6	12.8	12.1
SC07-786RR	14.2	15.2	14.4	15.8	13.4	14.6
SC98-1930	10.5	13.3	12.1	11.9	11.5	11.9
Mean	10.9	12.8	12.1	12.1	12.6	.

TABLE 95 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Test Mean
AGS758 RR	10/14	10/22	10/26	.	10/27	10/22
HASKELL RR	4	3	2	.	4	3
N7002	1	4	3	.	6	4
N02-7084	0	3	1	.	4	2
G07-1366 RR	2	4	3	.	2	3
G07-3192 RR	-3	0	4	.	-3	-1
G07-3651 RR	-1	-2	0	.	0	-1
G07-3674 RR	5	1	-1	.	4	2
G07-3691 RR	4	3	-1	.	4	2
G07-3774 RR	3	-1	-1	.	0	0
G07-3839 RR	2	4	3	.	3	3
N02-8951	1	4	2	.	3	2
N04-8947	8	6	4	.	7	6
N05-7260	6	7	4	.	5	5
N06-7535	2	3	4	.	3	3
N7103	7	1	1	.	4	3
NMS4-175-709	-3	-5	1	.	-1	-2
NMS4-1-83	-1	-6	1	.	0	-1
SC07-1027RR	10	9	6	.	7	8
SC07-1029RR	8	6	5	.	6	6
SC07-108RR	10	9	4	.	8	8
SC07-1596RR	6	4	3	.	6	5
SC07-786RR	10	12	9	.	10	10
SC98-1930	-12	4	6	.	-1	-1
Mean	3	3	3	.	3	.

TABLE 96 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Test Mean
AGS758 RR	37	38	43	41	46	41
HASKELL RR	41	41	44	46	51	45
N7002	35	35	38	40	43	38
N02-7084	35	31	40	41	50	39
G07-1366 RR	39	39	42	43	51	43
G07-3192 RR	37	38	42	42	46	41
G07-3651 RR	41	41	44	42	50	43
G07-3674 RR	40	39	40	41	51	42
G07-3691 RR	41	39	44	41	49	43
G07-3774 RR	37	38	.	41	43	40
G07-3839 RR	40	38	40	43	52	43
N02-8951	29	32	36	35	39	34
N04-8947	31	36	36	39	46	38
N05-7260	31	25	33	30	38	31
N06-7535	38	38	44	44	47	42
N7103	35	31	38	36	44	36
NMS4-175-709	35	29	32	34	41	35
NMS4-1-83	33	34	40	33	41	36
SC07-1027RR	46	48	46	49	54	49
SC07-1029RR	40	39	48	47	52	45
SC07-108RR	38	38	45	43	50	42
SC07-1596RR	43	44	44	46	52	46
SC07-786RR	39	40	44	44	56	44
SC98-1930	41	38	42	48	53	44
Mean	38	37	41	41	48	.

TABLE 97 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Test Mean
AGS758 RR	1.3	2.5	3.0	1.0	2.0	2.0
HASKELL RR	1.3	2.8	3.0	1.7	3.0	2.4
N7002	1.0	2.0	3.0	1.3	3.0	2.0
N02-7084	1.3	3.5	2.0	1.0	3.5	2.3
G07-1366 RR	1.7	2.3	3.0	1.3	3.5	2.3
G07-3192 RR	1.7	2.2	2.5	1.0	3.0	2.1
G07-3651 RR	2.7	2.3	3.0	1.3	3.5	2.6
G07-3674 RR	1.0	2.0	1.5	1.0	3.0	1.7
G07-3691 RR	1.7	2.3	2.0	1.0	3.0	2.0
G07-3774 RR	1.0	1.7	1.5	1.0	3.0	1.6
G07-3839 RR	1.3	2.2	2.5	1.0	3.5	2.1
N02-8951	1.0	1.2	3.0	1.0	3.0	1.7
N04-8947	1.0	1.5	2.0	1.0	3.0	1.7
N05-7260	1.0	1.2	2.5	1.0	2.0	1.5
N06-7535	1.0	3.3	2.5	1.0	3.0	2.2
N7103	1.0	1.3	2.0	1.0	2.0	1.5
NMS4-175-709	1.3	1.3	2.0	1.0	3.0	1.7
NMS4-1-83	1.0	2.3	2.5	1.0	3.5	2.0
SC07-1027RR	1.3	2.0	2.5	1.0	2.5	1.9
SC07-1029RR	2.0	2.0	3.0	1.0	3.0	2.2
SC07-108RR	1.7	2.2	1.5	1.0	3.0	1.9
SC07-1596RR	1.0	2.2	1.0	1.0	3.0	1.7
SC07-786RR	1.0	1.8	3.0	1.0	3.5	2.0
SC98-1930	2.7	2.3	3.0	2.0	2.0	2.5
Mean	1.4	2.1	2.4	1.1	2.9	.

TABLE 98 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Plymouth, NC(A)	Test Mean
AGS758 RR	1.7	.	.	1.5	.	1.6
HASKELL RR	1.7	.	.	1.5	.	1.6
N7002	1.7	.	.	1.5	.	1.6
N02-7084	2.0	.	.	1.5	.	1.7
G07-1366 RR	1.7	.	.	1.5	.	1.6
G07-3192 RR	1.7	.	.	1.5	.	1.6
G07-3651 RR	1.8	.	.	1.5	.	1.7
G07-3674 RR	1.8	.	.	1.5	.	1.7
G07-3691 RR	1.8	.	.	1.5	.	1.7
G07-3774 RR	1.5	.	.	1.5	.	1.5
G07-3839 RR	2.2	.	.	1.5	.	1.8
N02-8951	2.0	.	.	1.5	.	1.7
N04-8947	2.0	.	.	1.5	.	1.7
N05-7260	2.2	.	.	1.5	.	1.8
N06-7535	2.2	.	.	1.5	.	1.8
N7103	1.5	.	.	1.5	.	1.5
NMS4-175-709	1.5	.	.	1.5	.	1.5
NMS4-1-83	1.5	.	.	1.5	.	1.5
SC07-1027RR	1.7	.	.	1.5	.	1.6
SC07-1029RR	1.7	.	.	1.5	.	1.6
SC07-108RR	1.8	.	.	1.5	.	1.7
SC07-1596RR	1.8	.	.	1.5	.	1.7
SC07-786RR	1.7	.	.	1.5	.	1.6
SC98-1930	2.0	.	.	1.5	.	1.7
Mean	1.8	.	.	1.5	.	.

TABLE 99 - PARENTAGE OF STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	SC01-803 RR	SC92-2482/{SC92-2482/[HAGOOD/(HAGOOD/BC1RESNIKRR)]}		
2	97M50	G93-2225(6) X RR		
3	N8001	N7001 x Cook	F4	
4	G04-1618 RR	PRICHARD-RR X SC96-1476	F5d	
5	G05-1209 RR	G98-1420 X H7242 RR	F5d	
6	G05-2468 RR	G98-2641 X H7242 RR	F5d	
7	G05-3758 RR	Prichard-RR X G94-3117	F6d	
8	G05-4237 RR	Prichard-RR X G94-3117	F6d	
9	G06-2507 RR	G98-1420 X H7242 RR	F5d	
10	G06-5287 RR	G98-2866 X H7242 RR	F6d	
11	G07-1185 RR	G00-3213 X(Boggs RR(2) X N97-9658)	F5d	
12	N04-8801	N98-7893 x N96-6717	F4	Diversity 12.5% PI
13	N04-8814	N98-7893 x N93-7133	F4	Diversity 25% Enrei, 12.5%
14	N04-8830	N98-7893 x NTC93PR-646	F4	Diversity 12.5% PI 416937,
15	N04-8866	NTCPR96-1215 x N96-6717	F4	Diversity 25% Tanbaguro,
16	N04-8884	NTCPR96-1215 x NTCPR93-646	F4	Diversity 25% Tanbaguro,
17	N05-7085	N94-7350 x N96-6717	F4	Diversity 37.5%
18	N05-7432	N7002 x N98-7265	F4	Diversity, Drought 12.5% PI
19	SC04-306RR	SC94-1075/SANTEE/{SC92-2482(2)/[HAGOOD(2)/BC1RESNIKRR]}	F5	
20	SC05-598RR	SC00-579RR/N97-9658	F5	
21	SC05-642RR	SC00-603RR/SC94-1573	F5	
22	SC06-676RR	SC01-809RR/G99-3211	F5	
23	SC06-708RR	SC01-809RR/G99-3211	F5	

**TABLE 100 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN UNIFORM TEST VIII FOR YEAR 2010**

STRAIN/ VARIETY	AVERAGE		YIELD‡			PROTEIN			OIL		
	RANK	RANK	2010	09-10	08-10	2010	09-10	08-10	2010	09-10	08-10
SC01-803RR	16	15	42.2	42.8	43.6	41.2	41.9	42.3	20.0	19.7	19.5
97M50	6	9	44.3	43.8	44.4	40.4	40.9	41.2	18.6	18.5	18.8
N8001	4	9	44.8	43.9	44.9	40.3	40.9	41.2	19.9	19.8	19.9
G04-1618 RR	2	5	46.7	45.9	46.8	38.8	40.0	40.5	19.3	19.5	19.6
G05-1209 RR	10	12	43.4	44.2	.	39.7	40.7	.	20.3	20.2	.
G05-2468 RR	18	15	41.9	42.7	.	39.5	40.5	.	20.4	20.3	.
G05-3758 RR	20	17	41.4	42.3	.	40.1	41.3	.	18.1	18.2	.
G05-4237 RR	17	14	42.2	42.6	.	39.8	40.8	.	19.1	19.3	.
G06-2507 RR	14	12	42.6	.	.	39.4	.	.	19.3	.	.
G06-5287 RR	9	12	43.5	.	.	40.3	.	.	19.4	.	.
G07-1185 RR	8	11	43.8	.	.	38.6	.	.	19.2	.	.
N04-8801	13	12	42.7	43.3	.	38.5	39.5	.	20.6	20.5	.
N04-8814	15	14	42.2	41.6	42.9	40.1	41.3	41.6	20.7	20.6	20.6
N04-8830	7	11	44.1	41.5	.	40.5	40.5	.	20.7	20.7	.
N04-8866	22	15	39.8	40.1	.	40.2	41.0	.	19.6	19.8	.
N04-8884	21	15	40.4	40.5	.	38.4	39.8	.	21.1	20.6	.
N05-7085	19	15	41.8	42.3	.	39.9	40.3	.	20.5	20.3	.
N05-7432	1	3	49.8	47.3	48.3	39.2	40.3	40.8	20.4	20.2	20.1
SC04-306RR	3	9	45.4	44.7	45.7	36.8	39.2	40.2	21.7	20.8	20.6
SC05-598RR	23	18	39.0	41.3	.	39.9	41.2	.	19.0	19.2	.
SC05-642RR	12	12	43.1	43.7	.	38.4	39.3	.	20.5	20.4	.
SC06-676RR	5	9	44.3	.	.	38.5	.	.	20.1	.	.
SC06-708RR	11	12	43.4	.	.	38.3	.	.	20.2	.	.
Mean	.	.	43.2	.	.	39.4	.	.	19.9	.	.
LSD(0.05)	.	.	4.1	.	.	1.4	.	.	1.2	.	.
CV(%)	.	.	11.4	.	.	3.1	.	.	5.3	.	.

‡Data not included in mean: 2010 – Tifton, GA
2009 – Kinston, NC(A) (only yield was omitted)

TABLE 101 - GENERAL SUMMARY OF BOTANICAL TRAITS FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VIII FOR YEAR 2010

STRAIN/ VARIETY	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SEED SIZE	FL. COLOR	PUB. COLOR	POD COLOR
SC01-803 RR	0	2.0	42	1.5	14.3			
97M50	-2	1.9	37	1.6	12.9			
N8001	1	1.9	39	1.5	14.0	P	G	T
G04-1618 RR	0	2.0	38	1.5	12.4	W	G	T
G05-1209 RR	1	2.0	45	1.6	12.7	P	T	T
G05-2468 RR	0	1.9	39	1.6	12.8	P	T	T
G05-3758 RR	4	2.0	42	1.4	12.5	W	G	T
G05-4237 RR	5	2.0	39	1.5	14.1	W	G	T
G06-2507 RR	0	1.9	39	1.6	13.0	P	T	T
G06-5287 RR	-5	1.9	37	1.5	12.3	P	T	T
G07-1185 RR	6	1.9	39	1.4	11.8	W	T	T
N04-8801	3	2.0	43	1.5	17.0	P	G	
N04-8814	5	2.0	33	1.5	15.4	P	G	
N04-8830	6	2.0	36	1.6	17.2	P	G	
N04-8866	1	1.9	32	1.6	19.9	P	G	
N04-8884	6	2.0	36	1.7	18.3	S	G	
N05-7085	3	2.0	37	1.4	16.5	P	G	
N05-7432	4	2.0	36	1.5	13.6	P	G	
SC04-306RR	0	1.9	35	1.6	12.9	W	G	T
SC05-598RR	3	2.0	43	1.4	13.4	W	G	T
SC05-642RR	5	1.9	42	1.6	13.8	W	G	T
SC06-676RR	2	1.9	38	1.5	13.2	W	T	T
SC06-708RR	5	1.9	45	1.6	13.5	W	G	T
Mean	2	2.0	39	1.5	14.2			
LSD(0.05)	3	0.1	2	0.2	1.3			
CV(%)	123	5.4	8	16.0	8.3			

**TABLE 102 - GENERAL SUMMARY OF PEST REACTION FOR STRAIN/VARIETY
GROWN IN UNIFORM TEST VIII FOR YEAR 2010**

STRAIN/ VARIETY	SCN HG TYPE	SCN HG TYPE	SCN HG TYPE	PRK	SRK	SMV G1	SC	SC	SDS
	1.2.5.7	7	1.3.5.6.7							REACTION	RATING	SCORE	DX
	Race 2	Race 3	Race 14	GA	GA				
SC01-803 RR	5	1	.	3.5	2.0		R	1	.
97M50	5	1	.	3.8	1.5		R	1	.
N8001	5	5	.	3.3	2.8		SS	3	.
G04-1618 RR	5	3	.	3.5	1.3		SS	3	.
G05-1209 RR	5	1	.	3.0	1.0		SS	3	.
G05-2468 RR	5	1	.	3.5	1.0		SS	3	.
G05-3758 RR	5	2	.	3.5	1.3		SS	3	.
G05-4237 RR	5	3	.	4.3	1.0		R	1	.
G06-2507 RR	5	2	.	3.8	1.3		R	1	.
G06-5287 RR	5	1	.	3.3	1.0		R	1	.
G07-1185 RR	5	2	.	3.3	1.0		S	5	.
N04-8801	5	4	.	4.0	5.0		SS	3	.
N04-8814	5	5	.	3.0	5.0		MS	4	.
N04-8830	5	4	.	4.3	5.0		R	1	.
N04-8866	5	4*	.	2.5	5.0		R	1	.
N04-8884	5	3	.	4.5	5.0		R	1	.
N05-7085	5	4	.	4.0	4.8		MS	4	.
N05-7432	5	3	.	4.3	5.0		MS	4	.
SC04-306RR	5	4	.	4.0	2.0		R	1	.
SC05-598RR	5	4	.	3.0	2.5		MS	4	.
SC05-642RR	5	1	.	5.0	1.3		R	1	.
SC06-676RR	5	1	.	4.8	1.5		R	1	.
SC06-708RR	5	1	.	4.3	1.0		R	1	.

* Less than 3 seed germinated so rating should be used with caution.

TABLE 103 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VIII FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Area Mean
SC01-803 RR	29.2	29.2
97M50	35.3	35.3
N8001	28.2	28.2
G04-1618 RR	34.1	34.1
G05-1209 RR	28.2	28.2
G05-2468 RR	30.8	30.8
G05-3758 RR	26.5	26.5
G05-4237 RR	27.8	27.8
G06-2507 RR	29.7	29.7
G06-5287 RR	32.7	32.7
G07-1185 RR	24.1	24.1
N04-8801	35.8	35.8
N04-8814	32.9	32.9
N04-8830	33.9	33.9
N04-8866	30.7	30.7
N04-8884	30.1	30.1
N05-7085	34.7	34.7
N05-7432	34.1	34.1
SC04-306RR	35.0	35.0
SC05-598RR	27.2	27.2
SC05-642RR	31.6	31.6
SC06-676RR	29.9	29.9
SC06-708RR	29.1	29.1
Mean	30.9	30.9
LSD(0.05)	4.1	.
CV(%)	8.1	.

TABLE 103 - SEED YIELD, IN BUSHEL PER ACRE, FOR STRAIN/VARIETY GROWN IN UNIFORM TEST VIII FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(B)	Clemson, SC	Fairhope, AL	Plains, GA	Tifton, ‡ GA	Area Mean
SC01-803 RR	48.7	41.5	33.5	55.9	57.7	28.8	31.4	44.4
97M50	47.6	40.5	34.0	58.8	63.9	29.7	48.4	45.8
N8001	45.5	42.1	40.3	61.6	63.3	32.7	43.9	47.6
G04-1618 RR	51.8	45.9	37.9	58.6	64.1	34.5	52.6	48.8
G05-1209 RR	49.6	47.0	32.6	54.4	59.7	32.2	37.3	45.9
G05-2468 RR	46.8	41.4	31.8	57.1	59.5	26.1	48.7	43.8
G05-3758 RR	60.2	34.5	31.3	49.8	54.9	32.3	46.5	43.8
G05-4237 RR	54.2	34.0	32.9	57.5	58.6	30.0	51.9	44.5
G06-2507 RR	47.7	44.1	35.5	60.5	55.6	25.2	40.2	44.8
G06-5287 RR	44.1	47.5	33.9	57.6	59.2	29.7	42.4	45.3
G07-1185 RR	42.7	47.8	42.5	57.2	58.9	33.1	44.1	47.0
N04-8801	41.6	41.8	32.4	58.4	56.2	32.7	38.5	43.8
N04-8814	42.3	36.4	38.4	57.1	56.3	32.4	28.3	43.8
N04-8830	48.9	44.4	41.8	53.2	57.7	29.0	35.5	45.8
N04-8866	39.1	48.1	19.0	52.5	58.8	30.5	42.8	41.4
N04-8884	46.8	34.9	25.8	58.2	59.3	27.9	39.9	42.1
N05-7085	46.7	41.4	30.4	57.6	57.0	24.9	44.7	43.0
N05-7432	50.3	47.8	50.4	60.3	63.4	42.1	49.1	52.4
SC04-306RR	46.9	41.5	43.4	53.4	63.3	34.2	49.5	47.1
SC05-598RR	42.9	33.5	34.6	51.3	60.7	22.6	38.8	40.9
SC05-642RR	47.6	43.6	34.5	58.0	55.1	31.2	50.2	45.0
SC06-676RR	47.8	40.2	34.3	60.6	62.3	35.1	41.7	46.7
SC06-708RR	53.6	42.3	35.3	57.2	58.6	27.5	39.0	45.8
Mean	47.5	41.8	35.1	56.8	59.3	30.6	42.8	45.2
LSD(0.05)	9.1	6.2	5.5	6.8	4.8	4.6	11.5	4.6
CV(%)	11.6	9.0	9.6	7.3	5.0	9.1	16.4	11.2

TABLE 104 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plains, GA	Test Mean
SC01-803 RR	25.1	19.1	19.9	18.9	19.1	17.6	19.9
97M50	18.5	19.7	20.1	18.5	17.5	17.2	18.6
N8001	19.7	19.8	20.0	19.4	21.5	19.0	19.9
G04-1618 RR	19.2	18.8	19.4	18.7	21.3	18.5	19.3
G05-1209 RR	20.3	19.6	20.7	20.3	20.9	19.9	20.3
G05-2468 RR	20.9	20.8	20.8	20.0	20.8	19.1	20.4
G05-3758 RR	18.6	18.3	17.7	17.8	18.3	17.7	18.1
G05-4237 RR	19.8	18.0	19.1	19.1	19.3	19.3	19.1
G06-2507 RR	18.7	19.5	19.8	19.0	20.9	18.0	19.3
G06-5287 RR	19.1	19.7	19.6	19.9	19.9	18.3	19.4
G07-1185 RR	19.6	19.0	20.0	18.8	19.3	18.3	19.2
N04-8801	21.5	20.6	19.8	20.3	20.9	20.5	20.6
N04-8814	21.0	21.6	20.3	20.1	21.2	20.2	20.7
N04-8830	21.5	19.9	21.1	20.9	21.0	19.7	20.7
N04-8866	19.7	.	20.3	19.4	20.5	18.2	19.6
N04-8884	25.0	20.6	19.9	20.2	20.9	19.8	21.1
N05-7085	19.1	19.6	19.7	20.3	25.1	19.4	20.5
N05-7432	20.0	20.7	20.4	20.4	20.7	20.0	20.4
SC04-306RR	21.7	21.8	21.1	21.4	23.3	20.9	21.7
SC05-598RR	19.6	19.9	18.4	19.0	19.5	17.6	19.0
SC05-642RR	20.0	18.4	20.3	25.0	20.9	18.6	20.5
SC06-676RR	20.5	19.8	19.6	20.3	20.8	19.5	20.1
SC06-708RR	20.7	19.7	21.0	19.8	20.7	19.5	20.2
Mean	20.4	19.8	20.0	19.9	20.6	19.0	.

TABLE 105 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plains, GA	Test Mean
SC01-803 RR	45.0	38.8	39.7	40.2	41.6	42.0	41.2
97M50	39.2	36.0	39.7	45.1	41.0	41.5	40.4
N8001	39.8	38.3	38.8	39.3	40.2	45.1	40.3
G04-1618 RR	39.4	37.7	38.9	39.2	37.6	39.9	38.8
G05-1209 RR	39.8	39.2	39.8	40.3	38.7	40.5	39.7
G05-2468 RR	39.0	38.4	38.7	40.0	39.6	41.2	39.5
G05-3758 RR	40.3	38.2	39.5	39.2	41.9	41.7	40.1
G05-4237 RR	38.7	38.1	39.1	39.8	40.9	42.2	39.8
G06-2507 RR	40.2	39.1	39.5	38.0	38.3	41.5	39.4
G06-5287 RR	40.8	39.1	39.2	41.2	40.3	41.4	40.3
G07-1185 RR	39.5	38.0	38.0	37.0	39.4	39.5	38.6
N04-8801	39.5	38.1	36.8	37.2	39.9	39.6	38.5
N04-8814	40.1	39.6	39.7	38.5	41.2	41.4	40.1
N04-8830	40.4	39.0	39.8	38.5	40.2	45.0	40.5
N04-8866	40.3	.	40.0	38.8	40.0	42.1	40.0
N04-8884	38.9	35.8	38.4	36.7	39.8	40.6	38.4
N05-7085	40.2	37.2	39.3	38.8	38.9	45.1	39.9
N05-7432	39.1	40.0	39.4	37.9	39.5	39.5	39.2
SC04-306RR	37.3	35.2	37.1	36.4	36.5	38.4	36.8
SC05-598RR	40.0	38.1	41.1	39.2	40.2	40.7	39.9
SC05-642RR	38.8	36.8	39.0	39.2	37.3	39.5	38.4
SC06-676RR	38.4	36.4	38.5	38.5	40.0	39.4	38.5
SC06-708RR	38.5	37.8	36.5	38.8	38.4	39.5	38.3
Mean	39.7	37.9	39.0	39.0	39.6	41.2	.

TABLE 106 - SIZE (GRAMS PER 100 SEED) FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(B)	Clemson, SC	Fairhope, AL	Kinston, NC(A)	Plains, GA	Tifton, GA	Test Mean
SC01-803 RR	13.8	13.8	.	14.4	15.8	13.3	13.9	15.1	14.3
97M50	11.0	11.5	.	13.9	14.5	13.1	12.1	14.4	12.9
N8001	12.1	13.4	.	13.7	16.2	13.2	14.0	15.7	14.0
G04-1618 RR	9.9	12.1	.	13.6	13.7	11.6	12.2	13.8	12.4
G05-1209 RR	11.9	12.4	.	13.0	13.1	11.9	12.7	13.9	12.7
G05-2468 RR	10.8	11.5	.	13.5	13.9	12.4	13.1	14.0	12.8
G05-3758 RR	11.8	12.2	.	13.2	13.0	11.9	12.6	12.9	12.5
G05-4237 RR	13.3	13.3	.	13.4	14.7	13.9	14.9	15.0	14.1
G06-2507 RR	10.2	13.0	.	14.1	13.8	12.6	11.9	15.6	13.0
G06-5287 RR	9.9	11.4	.	13.8	13.7	12.3	11.6	13.5	12.3
G07-1185 RR	9.7	12.1	.	14.0	12.2	11.3	11.8	11.6	11.8
N04-8801	15.5	18.8	.	14.1	18.5	16.4	17.4	18.0	17.0
N04-8814	13.3	15.6	.	14.0	17.5	14.5	15.5	17.5	15.4
N04-8830	15.3	18.5	.	13.9	18.5	17.2	17.3	19.7	17.2
N04-8866	16.9	22.0	.	13.8	23.4	19.4	22.2	21.6	19.9
N04-8884	16.2	17.2	.	14.2	21.1	17.8	20.0	21.2	18.3
N05-7085	13.2	17.6	.	15.2	18.6	17.1	17.4	16.4	16.5
N05-7432	12.6	14.2	.	14.2	15.3	12.3	13.4	13.1	13.6
SC04-306RR	12.3	11.7	.	14.8	14.3	10.7	12.9	13.3	12.9
SC05-598RR	11.2	12.8	.	14.2	14.6	12.4	14.7	13.9	13.4
SC05-642RR	13.3	14.3	.	13.8	13.6	11.8	14.5	15.5	13.8
SC06-676RR	12.2	12.3	.	14.1	14.2	13.0	12.7	14.0	13.2
SC06-708RR	12.3	13.4	.	14.3	14.8	12.4	13.7	14.0	13.5
Mean	12.6	14.1	.	14.0	15.6	13.6	14.5	15.4	.

TABLE 107 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Area Mean
SC01-803 RR	11/3	11/3
97M50	-1	-1
N8001	-2	-2
G04-1618 RR	-2	-2
G05-1209 RR	3	3
G05-2468 RR	-1	-1
G05-3758 RR	1	1
G05-4237 RR	7	7
G06-2507 RR	-2	-2
G06-5287 RR	-3	-3
G07-1185 RR	6	6
N04-8801	2	2
N04-8814	6	6
N04-8830	10	10
N04-8866	1	1
N04-8884	8	8
N05-7085	6	6
N05-7432	3	3
SC04-306RR	0	0
SC05-598RR	1	1
SC05-642RR	1	1
SC06-676RR	5	5
SC06-708RR	9	9
Mean	2	2

TABLE 107 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Clemson, SC	Fairhope, AL	Area Mean
SC01-803 RR	10/23	10/24	11/2	10/24	10/26
97M50	-5	0	-3	-1	-3
N8001	-3	8	-1	1	1
G04-1618 RR	-5	7	-1	1	0
G05-1209 RR	-3	7	0	-1	1
G05-2468 RR	-3	6	0	-1	1
G05-3758 RR	1	10	3	4	5
G05-4237 RR	1	13	2	3	5
G06-2507 RR	-5	6	0	1	1
G06-5287 RR	-11	-1	-4	-5	-5
G07-1185 RR	2	12	5	3	6
N04-8801	0	10	2	1	3
N04-8814	0	10	6	1	4
N04-8830	3	12	6	1	5
N04-8866	-5	6	1	0	1
N04-8884	3	11	8	1	6
N05-7085	-1	9	3	-1	3
N05-7432	1	12	3	1	4
SC04-306RR	0	5	-4	0	0
SC05-598RR	-2	9	4	0	3
SC05-642RR	5	14	2	0	5
SC06-676RR	-2	6	3	-1	2
SC06-708RR	-1	13	4	1	4
Mean	-1	8	2	0	2

TABLE 108 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Area Mean
SC01-803 RR	43	43
97M50	42	42
N8001	40	40
G04-1618 RR	42	42
G05-1209 RR	46	46
G05-2468 RR	46	46
G05-3758 RR	46	46
G05-4237 RR	43	43
G06-2507 RR	43	43
G06-5287 RR	40	40
G07-1185 RR	38	38
N04-8801	48	48
N04-8814	36	36
N04-8830	38	38
N04-8866	37	37
N04-8884	38	38
N05-7085	34	34
N05-7432	36	36
SC04-306RR	38	38
SC05-598RR	46	46
SC05-642RR	44	44
SC06-676RR	36	36
SC06-708RR	48	48
Mean	41	.

TABLE 108 - PLANT HEIGHT, IN INCHES, FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(B)	Clemson, SC	Fairhope, AL	Plains, GA	Tifton, GA	Area Mean
SC01-803 RR	42	39	40	42	39	46	43	42
97M50	37	31	33	41	35	42	39	37
N8001	36	36	37	43	38	43	39	39
G04-1618 RR	35	35	37	41	35	41	39	38
G05-1209 RR	42	41	44	47	43	49	45	44
G05-2468 RR	35	34	39	43	37	45	38	39
G05-3758 RR	46	38	39	42	41	47	41	42
G05-4237 RR	37	37	36	41	36	44	37	38
G06-2507 RR	40	32	37	41	39	43	39	39
G06-5287 RR	37	32	35	42	36	42	36	37
G07-1185 RR	38	39	36	39	37	45	40	39
N04-8801	41	40	40	48	41	46	44	43
N04-8814	32	28	32	39	32	41	28	33
N04-8830	34	33	37	38	34	44	34	36
N04-8866	35	33	30	40	24	33	25	31
N04-8884	32	35	33	38	34	41	39	36
N05-7085	35	36	33	38	31	45	37	37
N05-7432	34	36	33	38	35	44	33	36
SC04-306RR	34	30	35	38	35	38	33	35
SC05-598RR	40	33	40	49	41	47	45	42
SC05-642RR	42	39	39	44	35	46	43	41
SC06-676RR	39	33	37	40	36	43	41	39
SC06-708RR	43	39	42	46	45	50	47	45
Mean	38	35	37	42	36	44	39	.

TABLE 109 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

East

STRAIN/ VARIETY	Kinston, NC(A)	Area Mean
SC01-803 RR	2.5	2.5
97M50	2.0	2.0
N8001	2.0	2.0
G04-1618 RR	2.5	2.5
G05-1209 RR	2.5	2.5
G05-2468 RR	2.0	2.0
G05-3758 RR	2.5	2.5
G05-4237 RR	2.5	2.5
G06-2507 RR	2.0	2.0
G06-5287 RR	2.0	2.0
G07-1185 RR	2.0	2.0
N04-8801	3.0	3.0
N04-8814	2.5	2.5
N04-8830	2.5	2.5
N04-8866	2.0	2.0
N04-8884	2.5	2.5
N05-7085	2.5	2.5
N05-7432	2.5	2.5
SC04-306RR	2.0	2.0
SC05-598RR	2.5	2.5
SC05-642RR	2.0	2.0
SC06-676RR	2.0	2.0
SC06-708RR	2.0	2.0
Mean	2.3	.

TABLE 109 - PLANT LODGING SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(B)	Clemson, SC	Fairhope, AL	Plains, GA	Tifton, GA	Area Mean
SC01-803 RR	1.0	1.0	4.2	3.0	1.0	1.0	2.0	1.9
97M50	1.0	1.0	4.2	3.0	1.0	1.0	2.0	1.9
N8001	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
G04-1618 RR	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
G05-1209 RR	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
G05-2468 RR	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
G05-3758 RR	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
G05-4237 RR	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
G06-2507 RR	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
G06-5287 RR	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
G07-1185 RR	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
N04-8801	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
N04-8814	1.0	1.0	4.3	3.0	1.0	1.0	2.0	1.9
N04-8830	1.0	1.0	4.5	3.0	1.0	1.0	2.0	1.9
N04-8866	1.0	1.0	4.5	3.0	1.0	1.0	2.0	1.9
N04-8884	1.0	1.0	4.5	3.0	1.0	1.0	2.0	1.9
N05-7085	1.0	1.0	4.5	3.0	1.0	1.0	2.0	1.9
N05-7432	1.0	1.0	4.5	3.0	1.0	1.0	2.0	1.9
SC04-306RR	1.0	1.0	4.5	3.0	1.0	1.0	2.0	1.9
SC05-598RR	1.0	1.0	4.5	3.0	1.0	1.0	2.0	1.9
SC05-642RR	1.0	1.0	4.5	3.0	1.0	1.0	2.0	1.8
SC06-676RR	1.0	1.0	4.5	3.0	1.0	1.0	2.0	1.8
SC06-708RR	1.0	1.0	4.5	3.0	1.0	1.0	2.0	1.8
Mean	1.0	1.0	4.4	3.0	1.0	1.0	2.0	.

TABLE 110 - SEED QUALITY SCORES FOR STRAIN/VARIETY GROWN IN UNIFORM GROUP VIII FOR YEAR 2010

South

STRAIN/ VARIETY	Athens, GA(A)	Athens, GA(B)	Blackville, SC(B)	Clemson, SC	Fairhope, AL	Plains, GA	Tifton, GA	Area Mean
SC01-803 RR	1.7	1.7	.	.	1.0	1.5	1.5	1.5
97M50	1.5	1.8	.	.	1.5	1.5	1.5	1.6
N8001	1.5	1.5	.	.	1.5	1.5	1.5	1.5
G04-1618 RR	1.5	1.7	.	.	1.5	1.7	1.3	1.5
G05-1209 RR	1.5	1.7	.	.	1.5	1.8	1.3	1.6
G05-2468 RR	1.7	1.7	.	.	1.5	1.5	1.5	1.6
G05-3758 RR	1.5	2.0	.	.	1.0	1.5	1.2	1.4
G05-4237 RR	1.5	1.8	.	.	1.3	1.5	1.2	1.5
G06-2507 RR	1.7	1.8	.	.	1.3	1.5	1.5	1.6
G06-5287 RR	1.5	1.5	.	.	1.5	1.5	1.3	1.5
G07-1185 RR	1.5	1.7	.	.	1.0	1.5	1.2	1.4
N04-8801	1.5	1.7	.	.	1.5	1.7	1.3	1.5
N04-8814	1.7	1.5	.	.	1.5	1.5	1.3	1.5
N04-8830	1.5	1.7	.	.	1.5	2.0	1.2	1.6
N04-8866	1.5	1.7	.	.	1.5	1.7	1.5	1.6
N04-8884	1.5	1.7	.	.	1.5	2.5	1.3	1.7
N05-7085	1.5	1.5	.	.	1.5	1.5	1.0	1.4
N05-7432	1.5	1.7	.	.	1.5	1.5	1.2	1.5
SC04-306RR	1.7	1.5	.	.	1.5	2.0	1.2	1.6
SC05-598RR	1.7	1.5	.	.	1.5	1.5	1.0	1.4
SC05-642RR	1.8	1.8	.	.	1.5	1.7	1.3	1.6
SC06-676RR	1.7	1.8	.	.	1.0	1.7	1.5	1.5
SC06-708RR	1.7	1.5	.	.	1.5	2.0	1.2	1.6
Mean	1.6	1.7	.	.	1.4	1.7	1.3	.

TABLE 111 - PARENTAGE OF STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2010

	STRAIN/VARIETY	PARENTAGE	Fn	SPECIAL TRAITS
1	SC01-803 RR	SC92-2482/(SC92-		
2	97M50	G93-2225(6) X RR		
3	N8001	N7001 x Cook	F4	
4	Cook	Braxton x Bragg		
5	G07-1285 RR	G00-3083 X [H7242RR(3) X N97-9612]	F5d	
6	G07-1463 RR	G00-3213 X [BOGGS-RR(3) X N98-7288]	F5d	
7	G07-2879 RR	G00-3083 X AGS758RR	F5d	
8	G07-3496 RR	G00-3213 X P97M50	F5d	
9	G07-3557 RR	G00-3213 X P97M50	F5d	
10	G07-3772 RR	G01-2633 X P97M50	F5d	
11	G07-3796 RR	G01-2633 X P97M50	F5d	
12	N06-7187	N98-7265 x N93-110-6	F4	Slow Wilt 471938 (25%) &
13	SC07-1352RR	SC01-809/G00-3213	F5	
14	SC07-1455RR	SC01-809/G99-3211	F5	
15	SC07-1490RR	SC01-809/G99-3211	F5	
16	SC07-150RR	N97-9658/SC00-643	F5	
17	SC07-1518RR	SC01-809/G99-3211	F5	
18	SC07-912RR	G00-3213/SC00-643	F5	
19	SC97-1821	NK S83-30 x (Hutcheson x D87-4429).		Resistance to Mn

**TABLE 112 - GENERAL SUMMARY OF PERFORMANCE FOR STRAIN/VARIETY
GROWN IN PRELIMINARY TEST VIII FOR YEAR 2010**

STRAIN/ VARIETY	SEED YIELD	RANK	AVG. RANK	MAT. INDEX	LODGING	HEIGHT	SEED QUALITY	SIZE	% PROTEIN	% OIL	HG TYPE	HG TYPE	HG TYPE	SC RATING	SC SCORE	FL COLOR	PUB. COLOR	POD COLOR
											1.2.5.7 Race 2	7 Race 3	1.3.5.6.7 Race 14					
SC01-803 RR	42.0	1	4	0	1.6	46	1.7	13.8	41.1	19.3	4	1	.	R	1			
97M50	37.7	15	11	-3	2.1	41	1.8	12.2	40.4	18.5	5	1	.	R	1			
N8001	39.8	3	7	-2	2.3	40	1.8	13.7	39.8	19.8	5	5	.	SS	3	P	G	T
Cook	38.6	9	10	-3	2.6	41	1.8	14.1	41.1	19.6	5	5	.	R	1	P	T	T
G07-1285 RR	38.0	13	12	1	1.3	44	1.7	13.2	39.7	20.1	5	1	.	R	1	P	T	T
G07-1463 RR	37.7	16	12	0	2.3	42	1.5	13.4	40.4	19.1	5	1	.	R	1	W	T	T
G07-2879 RR	38.1	11	10	-2	1.6	40	1.7	12.6	40.1	19.3	5	1	.	R	1	P	T	T
G07-3496 RR	38.1	12	12	-1	2.0	42	1.8	13.7	39.6	19.7	5	1	.	R	1	P	T	T
G07-3557 RR	39.7	4	9	3	2.5	42	1.5	14.8	40.3	19.4	5	1	.	R	1	W	T	T
G07-3772 RR	37.8	14	13	2	1.8	44	2.0	14.4	41.0	19.5	5	1	.	R	1	P	T	T
G07-3796 RR	37.6	17	12	4	1.8	44	1.7	14.2	39.6	20.1	5	2	.	R	1	P	T	T
N06-7187	35.1	19	14	8	1.9	48	1.7	14.3	40.4	19.7	5	5	.	R	1	W	G	
SC07-1352RR	39.5	5	9	5	1.8	45	1.7	14.1	40.7	19.6	5	2	.	SS	3	W	T	T
SC07-1455RR	38.7	8	10	8	1.7	46	1.7	13.2	39.2	19.5	5	1	.	R	1	W	G	T
SC07-1490RR	38.3	10	12	5	1.7	47	1.7	13.8	40.3	20.5	5	1	.	R	1	W	G	T
SC07-150RR	39.1	7	10	4	1.6	43	1.5	13.4	40.8	19.2	5	5	.	S	5	P	G	T
SC07-1518RR	40.9	2	5	4	1.6	44	1.7	13.5	40.1	20.2	5	1	.	R	1	W	G	T
SC07-912RR	36.5	18	12	5	1.7	44	1.5	13.9	40.4	20.1	5	1	.	MS	4	W	T	T
SC97-1821	39.1	6	8	-2	1.6	40	1.7	15.9	41.0	19.6	5	1	.	R	1	P	T	
Mean	38.5	.	.	2	1.9	43	1.7	13.8	40.3	19.6	.	.	.	.	.
LSD(0.05)	4.7	.	.	4	0.5	3	0.4	1.1	1.2	0.7	.	.	.	.	.
CV(%)	11.8	.	.	162	24.9	7	15.6	5.7	2.1	2.7	.	.	.	.	.

TABLE 113 - SEED YIELD, IN BUSHELS PER ACRE, FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Test Mean
SC01-803 RR	53.5	43.6	30.4	40.5	42.0
97M50	46.6	38.3	31.8	34.3	37.7
N8001	53.3	46.7	30.3	28.8	39.8
Cook	46.6	47.1	29.2	31.5	38.6
G07-1285 RR	51.1	38.7	26.1	36.2	38.0
G07-1463 RR	47.8	45.2	29.7	28.2	37.7
G07-2879 RR	50.6	35.9	30.7	35.1	38.1
G07-3496 RR	51.1	41.1	27.0	33.2	38.1
G07-3557 RR	51.3	44.2	28.2	35.0	39.7
G07-3772 RR	50.5	43.2	26.6	31.1	37.8
G07-3796 RR	51.5	39.3	27.9	31.6	37.6
N06-7187	40.6	40.3	29.9	29.9	35.1
SC07-1352RR	54.5	40.2	28.2	35.1	39.5
SC07-1455RR	55.0	42.4	29.3	28.2	38.7
SC07-1490RR	47.5	39.8	27.7	38.1	38.3
SC07-150RR	48.2	41.0	28.4	38.5	39.1
SC07-1518RR	51.4	45.3	30.6	36.2	40.9
SC07-912RR	41.1	43.7	30.0	31.2	36.5
SC97-1821	47.0	46.6	31.2	31.7	39.1
Mean	49.4	42.2	29.1	33.4	38.5
LSD(0.05)	7.7	6.2	3.8	6.9	4.7
CV(%)	9.4	8.8	7.8	12.6	11.8

**TABLE 114 - OIL PERCENTAGES FOR STRAIN/VARIETY GROWN IN
PRELIMINARY GROUP VIII FOR YEAR 2010**

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Test Mean
SC01-803 RR	20.3	18.6	20.0	18.4	19.3
97M50	18.9	18.7	19.2	17.0	18.5
N8001	19.6	19.7	20.6	19.2	19.8
Cook	19.7	20.9	19.1	18.8	19.6
G07-1285 RR	20.3	20.2	20.4	19.6	20.1
G07-1463 RR	19.6	19.1	19.5	18.2	19.1
G07-2879 RR	19.5	19.1	20.4	18.1	19.3
G07-3496 RR	19.7	21.0	19.0	19.0	19.7
G07-3557 RR	19.7	19.6	19.7	18.5	19.4
G07-3772 RR	19.8	19.9	20.9	17.5	19.5
G07-3796 RR	20.4	20.9	20.4	18.8	20.1
N06-7187	20.3	20.0	19.6	18.8	19.7
SC07-1352RR	20.2	19.8	19.8	18.4	19.6
SC07-1455RR	20.3	19.6	20.6	17.6	19.5
SC07-1490RR	20.7	20.5	21.5	19.1	20.5
SC07-150RR	19.5	18.6	20.3	18.5	19.2
SC07-1518RR	20.6	20.9	20.5	18.9	20.2
SC07-912RR	20.7	20.4	20.3	18.7	20.1
SC97-1821	20.0	20.5	20.0	18.0	19.6
Mean	20.0	19.9	20.1	18.5	.

TABLE 115 - PROTEIN PERCENTAGES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Test Mean
SC01-803 RR	40.7	42.3	40.0	41.3	41.1
97M50	40.1	40.8	38.2	42.4	40.4
N8001	40.6	40.5	37.5	40.5	39.8
Cook	41.1	40.6	41.1	41.7	41.1
G07-1285 RR	39.7	40.0	39.3	39.9	39.7
G07-1463 RR	40.8	40.3	38.3	42.2	40.4
G07-2879 RR	40.2	41.1	37.6	41.5	40.1
G07-3496 RR	39.0	39.9	39.5	40.1	39.6
G07-3557 RR	40.4	40.3	39.5	41.0	40.3
G07-3772 RR	40.5	40.4	40.0	43.2	41.0
G07-3796 RR	39.9	39.0	38.5	41.3	39.6
N06-7187	38.8	41.1	40.8	40.8	40.4
SC07-1352RR	40.0	41.0	40.6	41.0	40.7
SC07-1455RR	38.6	38.8	39.0	40.5	39.2
SC07-1490RR	39.4	40.1	41.0	40.8	40.3
SC07-150RR	40.5	42.1	39.9	40.9	40.8
SC07-1518RR	39.2	39.4	41.0	40.9	40.1
SC07-912RR	39.8	40.5	39.7	41.6	40.4
SC97-1821	40.3	40.0	40.6	43.1	41.0
Mean	40.0	40.4	39.6	41.3	.

TABLE 116 - SEED SIZE IN GRAMS PER 100 SEED FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Test Mean
SC01-803 RR	14.0	14.1	13.0	14.2	13.8
97M50	11.5	14.1	11.6	11.7	12.2
N8001	13.0	14.8	12.9	14.1	13.7
Cook	12.8	14.2	14.8	14.6	14.1
G07-1285 RR	13.0	14.0	12.4	13.3	13.2
G07-1463 RR	13.2	13.9	12.7	13.7	13.4
G07-2879 RR	12.9	14.2	11.6	11.7	12.6
G07-3496 RR	13.2	14.0	13.4	14.3	13.7
G07-3557 RR	14.4	14.2	15.1	15.6	14.8
G07-3772 RR	15.0	13.1	14.1	15.3	14.4
G07-3796 RR	14.6	13.6	14.0	14.7	14.2
N06-7187	14.0	13.8	13.9	15.5	14.3
SC07-1352RR	14.3	14.1	13.9	14.1	14.1
SC07-1455RR	13.1	15.2	12.1	12.3	13.2
SC07-1490RR	13.3	14.3	13.4	14.0	13.8
SC07-150RR	12.9	14.9	11.8	14.2	13.4
SC07-1518RR	12.5	14.0	13.5	14.0	13.5
SC07-912RR	12.9	13.9	13.2	15.6	13.9
SC97-1821	15.8	15.0	16.4	16.6	15.9
Mean	13.5	14.2	13.4	14.2	.

TABLE 117 - RELATIVE MATURITY, DAYS EARLIER (-) OR LATER (+) THAN THE FIRST ENTRY FOR PRELIMINARY GROUP VIII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Test Mean
SC01-803 RR	10/20	10/30	10/31	.	10/27
97M50	-5	-5	1	.	-3
N8001	-1	-3	-2	.	-2
Cook	-4	-5	-1	.	-3
G07-1285 RR	6	-2	-1	.	1
G07-1463 RR	3	-4	1	.	0
G07-2879 RR	0	-3	-1	.	-2
G07-3496 RR	-2	-2	2	.	-1
G07-3557 RR	4	2	3	.	3
G07-3772 RR	4	0	2	.	2
G07-3796 RR	9	0	3	.	4
N06-7187	12	4	9	.	8
SC07-1352RR	9	3	2	.	5
SC07-1455RR	12	4	8	.	8
SC07-1490RR	9	1	3	.	5
SC07-150RR	9	1	2	.	4
SC07-1518RR	4	0	9	.	4
SC07-912RR	5	4	7	.	5
SC97-1821	-2	-4	-1	.	-2
Mean	4	-1	2	.	.

TABLE 118 - HEIGHT IN INCHES FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Test Mean
SC01-803 RR	49	43	48	46	46
97M50	42	38	44	40	41
N8001	37	38	40	43	40
Cook	43	36	44	43	41
G07-1285 RR	44	41	46	45	44
G07-1463 RR	42	40	40	44	42
G07-2879 RR	42	34	40	43	40
G07-3496 RR	43	38	44	43	42
G07-3557 RR	44	40	43	42	42
G07-3772 RR	45	45	44	43	44
G07-3796 RR	46	40	42	46	44
N06-7187	54	43	44	49	48
SC07-1352RR	46	41	48	48	45
SC07-1455RR	49	41	45	47	46
SC07-1490RR	47	45	48	47	47
SC07-150RR	42	41	46	46	43
SC07-1518RR	47	36	48	47	44
SC07-912RR	46	40	48	45	44
SC97-1821	41	37	40	41	40
Mean	45	40	44	45	.

TABLE 119 - LODGING SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Test Mean
SC01-803 RR	1.7	2.0	1.5	1.0	1.6
97M50	2.7	2.5	2.0	1.0	2.1
N8001	2.7	2.5	2.0	2.0	2.3
Cook	3.0	3.7	2.0	1.3	2.6
G07-1285 RR	1.0	1.7	1.5	1.0	1.3
G07-1463 RR	3.7	1.8	2.5	1.3	2.3
G07-2879 RR	2.0	1.5	2.0	1.0	1.6
G07-3496 RR	2.0	2.5	2.0	1.3	2.0
G07-3557 RR	2.7	2.8	2.5	2.0	2.5
G07-3772 RR	2.0	2.2	2.0	1.0	1.8
G07-3796 RR	2.0	2.2	2.0	1.0	1.8
N06-7187	2.3	2.3	2.0	1.0	1.9
SC07-1352RR	2.0	2.0	2.5	1.0	1.8
SC07-1455RR	2.0	1.8	2.0	1.0	1.7
SC07-1490RR	1.7	2.5	1.5	1.0	1.7
SC07-150RR	1.3	1.7	2.0	1.7	1.6
SC07-1518RR	1.7	1.7	2.5	1.0	1.6
SC07-912RR	2.0	1.8	2.0	1.0	1.7
SC97-1821	1.7	2.0	2.0	1.0	1.6
Mean	2.1	2.2	2.0	1.2	.

TABLE 120 - SEED QUALITY SCORE FOR STRAIN/VARIETY GROWN IN PRELIMINARY GROUP VIII FOR YEAR 2010

STRAIN/ VARIETY	Athens, GA(A)	Blackville, SC(A)	Kinston, NC(A)	Plains, GA	Test Mean
SC01-803 RR	2.0	.	.	1.5	1.7
97M50	2.2	.	.	1.5	1.8
N8001	2.2	.	.	1.5	1.8
Cook	2.0	.	.	1.7	1.8
G07-1285 RR	1.8	.	.	1.5	1.7
G07-1463 RR	1.5	.	.	1.5	1.5
G07-2879 RR	1.8	.	.	1.5	1.7
G07-3496 RR	2.2	.	.	1.5	1.8
G07-3557 RR	1.5	.	.	1.5	1.5
G07-3772 RR	2.5	.	.	1.5	2.0
G07-3796 RR	2.0	.	.	1.5	1.7
N06-7187	2.0	.	.	1.5	1.7
SC07-1352RR	1.8	.	.	1.7	1.7
SC07-1455RR	1.7	.	.	1.7	1.7
SC07-1490RR	1.8	.	.	1.5	1.7
SC07-150RR	1.5	.	.	1.5	1.5
SC07-1518RR	2.0	.	.	1.5	1.7
SC07-912RR	1.5	.	.	1.5	1.5
SC97-1821	1.8	.	.	1.5	1.7
Mean	1.9	.	.	1.5	.