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2011 Soybean, Sorghum Grain and Silage, and Summer Annual Forages Performance Tests

J. LaDon Day, Anton E. Coy and John D. Gassett, Editors

Department of Crop and Soil Sciences
Griffin Campus

Conversion Table

U.S. *Abbr.*	*Unit*	*Approximate Metric Equivalent*
	Length	
mi	mile	1.609 kilometers
yd	yard	0.9144 meters
ft *or* '	foot	30.48 centimeters
in *or* "	inch	2.54 centimeters
	Area	
sq mi *or* mi^2	square mile	2.59 square kilometers
acre	acre	0.405 hectares *or* 4047 square meters
sq ft *or* ft^2	square foot	0.093 square meters
	Volume/Capacity	
gal	gallon	3.785 liters
qt	quart	0.946 liters
pt	pint	0.473 liters
fl oz	fluid ounce	29.573 milliliters or 28.416 cubic centimeters
bu	bushel	35.238 liters
cu ft *or* ft^3	cubic foot	0.028 cubic meters
	Mass/Weight	
ton	ton	0.907 metric ton
lb	pound	0.453 kilogram
oz	ounce	28.349 grams

Metric *Abbr.*	*Unit*	*Approximate U.S. Equivalent*
	Length	
km	kilometer	0.62 mile
m	meter	39.37 inches *or* 1.09 yards
cm	centimeter	0.39 inch
mm	millimeter	0.04 inch
	Area	
ha	hectare	2.47 acres
	Volume/Capacity	
liter	liter	61.02 cubic inches *or* 1.057 quarts
ml	milliliter	0.06 cubic inch *or* 0.034 fluid ounce
cc	cubic centimeter	0.061 cubic inch *or* 0.035 fluid ounce
	Mass/Weight	
MT	metric ton	1.1 tons
kg	kilogram	2.205 pounds
g	gram	0.035 ounce
mg	milligram	3.5×10^{-5} ounce

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PREFACE

This research report presents the results of the 2011 statewide performance tests of soybean, sorghum grain and silage, and summer annual forages. The tests for various evaluations were conducted at several or all of the following locations: Tifton, Plains and Midville in the Coastal Plain region; Griffin and Athens in the Piedmont region; and Calhoun in the Limestone Valley region. For identification of the test site locations, consult the map inside the back cover of this report.

The University of Georgia soybean OVT trials are irrigated. In addition, during 2011 dryland soybean OVT trials were conducted at four locations – Midville, Plains, Tifton and Griffin – and are included in this report.

Agronomic information, such as plant height, lodging, disease occurrence, etc., is listed along with the yield data. Information concerning planting and harvest dates, soil type, and culture and fertilization practices used in each trial is included in footnotes. Since the average yield for several years gives a better indication of a variety's potential than one year's data, multiple-year yield summaries have been included.

In order to have a broad base of information, a number of varieties, including experimental lines, are included in the trials, but this does not imply that all are recommended for Georgia. Varieties best suited to a specific area or for a particular purpose, and agreed upon by College of Agricultural and Environmental Sciences agronomists, are presented in the 2012 Spring Planting Schedule for Georgia (available from your county Extension office). Pesticides used for production practices are included for the benefit of the reader and do not imply any endorsement or preferential treatment by the University of Georgia Agricultural Experiment Station. For additional information, contact your local county Extension agent or the nearest experiment station.

The least significant difference (LSD) at the 10% level has been included in the tables to aid in comparing hybrids. If the yields of any two hybrids exceed the LSD value or more, they may be considered different in yield ability. **Bolding** is used in the performance tables to indicate hybrids with yields statistically equal to the highest yielding entry in the test. The standard error (Std. Err.) of an entry mean is included at the bottom of each table to provide a general indicator of the level of precision of each experiment. The lower the value of the standard error of the entry mean, the more precise the experiment.

This report is one of four publications presenting the performance of agronomic crops in Georgia. For more information concerning other crops, refer to one of the following research reports: 2011 Corn Performance Tests (Annual Publication 101-3), 2010-2011 Small Grains Performance Tests (Annual Publication 100-3), 2010 Peanut, Cotton and Tobacco Performance Tests (Annual Publication 104-2) and 2010-2011 Canola data (www.swvt.uga.edu/canola.html)

This report, along with performance test information on other crops, is also available online at **www.swvt.uga.edu**. Additional information may be obtained by writing J. LaDon Day, Crop and Soil Sciences Department, University of Georgia, Griffin Campus, 1109 Experiment Street, Griffin, GA 30223-1797.

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CONTENTS

2011 SOYBEAN, SORGHUM GRAIN AND SILAGE, AND SUMMER ANNUAL FORAGES PERFORMANCE TESTS

J. LaDon Day, Anton E. Coy and John D. Gassett, Editors

The Season

The spring of 2011 began with abnormally dry soil, completely different than the March 2010 wet and cold soil conditions. However, during early spring most areas did have enough moisture for seeding. Planting progressed ahead of five-year averages. Plant stands and early season growth were good in most areas. In early May less than half of the state had adequate moisture due to a dry April. As the lack of rainfall and high temperatures continued into the end of May, two-thirds of the state was under a severe drought. Producers quickly fell behind in crop progress to either late planting their crops or not planting at all. Most of the non-irrigated crops were severely damaged beyond salvage from the high heat and lack of moisture. Irrigation, which began at planting, struggled to keep up over much of the state throughout the summer and fall. Stink bugs were a concern in some areas. Asian soybean rust did not develop into an issue for the majority of the state, but small amounts of the disease were found in four counties in southwest Georgia. Harvest conditions for this year were excellent compared to last year.

Rainfall amounts recorded monthly at the six test locations in Georgia during the 2011 growing season are presented in the following table. Seasonal rainfall totals were below normal across the state except in the Limestone Valley area around Calhoun. The average rainfall deficit was near 14 inches or 40% in the Piedmont and Coastal Plain regions, with the only exception being the Tifton area where the shortage was 18%. Extremely dry conditions persisted for the second year in the Plains area, whereas rainfall in northwest Georgia around Calhoun and surrounding counties was 4% above normal for the nine-month reporting period.

2011 Rainfall[1]

Month	Athens[2]	Calhoun[3]	Griffin	Midville	Plains	Tifton
	inches					
March	7.89	9.87	5.17	2.85	3.02	1.54
April	2.50	6.91	2.21	1.41	2.01	1.60
May	1.40	1.52	0.84	2.33	0.03	0.01
June	3.69	4.11	2.86	1.73	1.12	4.48
July	1.90	2.89	4.39	3.15	7.00	6.26
August	1.00	1.30	1.13	1.02	1.50	1.82
September	1.63	7.42	2.00	2.40	3.38	5.71
October	3.57	2.43	1.21	2.46	1.22	4.81
November	2.78	6.70	2.96	2.05	1.96	1.34
Total	26.36	43.15	22.77	19.40	21.24	27.57
Normal (9 mo)	35.92	41.54	36.54	32.60	35.23	33.65

1. Georgia data provided by Dr. Ian Flitcroft, Griffin Campus, Griffin, Ga.
2. Plant Sciences Farm.
3. Floyd County location.

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Georgia soybean producers planted 155,000 acres this year, the same as during 2006 but a 43% decrease from last year and 67% less than two years ago. The state per acre yield for soybeans was 23 bushels, the same as nine years ago in 2002. This reflects a downward seed yield trend from the 30 bushel range of the last four years. Soybean production was 3.34 million bushels, 50% less than last year and the least produced in nine years. Sorghum producers planted 50,000 acres in Georgia this year, 9% more than last year. Land used for forage production in Georgia declined 12% below last year, and totaled 570,000 acres, 19% less than two years ago.

SOYBEAN

Summary of Early-Planted MG V and VI Soybean Variety Performance at Six Locations, 2011

Company/Brand	Variety	2011 Yield[1]						Statewide Average	
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	2011	2-Year
		bu/acre							
Maturity Group V									
A.M. Bickley	AMB 59LL	21.3	**33.9**	55.7	70.9	**40.4**	47.7	**45.0**	.
AGSouth	AGS5911LL	20.3	27.2	57.4	63.3	34.6	50.1	42.1	.
AGSouth	AGS597RR	**28.8**	27.8	56.9	65.7	**45.3**	**52.9**	**46.2**	.
AGSouth	AGS 568RR	21.2	32.6	58.6	61.9	37.5	**59.8**	**45.3**	**46.5**
Asgrow	AG5832	22.2	26.0	54.9	54.5	29.9	**56.8**	40.7	.
Croplan Genetics	R2C5820	20.7	**38.5**	61.5	66.8	24.7	**52.9**	**44.2**	.
Dyna-Gro	39RY57	19.0	24.0	**73.5**	71.8	**38.6**	43.6	**45.1**	.
GoSoy	5911LL	21.2	**33.6**	52.9	70.1	**41.2**	47.3	**44.4**	.
NK	S57-K3 Brand	24.1	30.4	57.0	71.8	34.5	**61.0**	**46.5**	.
Pioneer	95Y20	22.9	25.7	62.5	57.7	32.4	**55.3**	42.7	**46.3**
Pioneer	95Y70	20.6	**39.5**	46.6	62.3	29.6	**52.7**	41.9	43.7
Pioneer	95Y71	**27.3**	19.2	**68.9**	67.9	**39.0**	**64.7**	**47.8**	.
Progeny	P 5610 RY	23.8	32.4	**64.7**	64.3	18.4	32.1	39.3	42.1
Progeny	P 5655 RY	24.4	20.6	53.5	65.3	34.4	44.1	40.4	.
Progeny	P 5711 RY	**25.4**	22.2	**68.3**	**79.8**	**51.9**	33.2	**46.8**	.
Progeny	P 5811 RY	18.0	26.0	62.2	58.2	27.1	48.4	40.0	.
Public Variety	Osage	21.1	23.0	63.4	68.7	24.7	42.4	40.5	43.3
Public Variety	Ozark	23.6	20.8	**65.0**	69.1	31.4	43.8	42.3	**44.2**
SS	LL511N	21.9	25.9	60.2	68.7	19.5	39.2	39.3	42.5
SS	LL540N	21.6	24.9	59.7	63.6	35.4	47.1	42.1	.
SS	LL595N	19.8	24.6	55.2	65.7	35.0	50.0	41.7	41.5
SS	RT5160N	19.8	15.4	57.9	**73.9**	**37.8**	**55.6**	43.4	**45.1**
SS	RT5471N	23.1	22.5	51.6	52.0	10.9	**53.6**	35.6	38.6
SS	RT5760N	**29.1**	**35.6**	62.1	62.0	**40.4**	**54.4**	**47.3**	**45.4**
SS	RT5930N	22.4	**35.8**	49.3	61.2	12.5	**51.7**	38.8	.
SS	RT5960N	19.2	31.2	57.5	53.3	23.2	**60.8**	40.9	42.1
SS	SS Exp. 5112R2	24.6	24.0	59.2	57.7	23.6	45.2	39.1	.
SS	SS LL590N	**27.5**	16.3	59.1	58.2	11.3	45.0	36.2	.
SS	SS5510NR2	15.3	25.4	52.3	43.4	**42.4**	45.0	37.3	.
SS	SS5511NR2	21.9	28.4	59.6	62.6	34.2	44.5	41.9	.
Terral-REV™	56R21™	22.3	27.6	61.8	64.9	26.5	43.9	41.2	43.1
Terral-REV™	56R63™	21.6	30.1	57.8	**72.6**	36.2	**57.8**	**46.0**	.
Terral-REV™	57R21™	**24.8**	**34.1**	60.3	61.4	**37.8**	36.1	42.4	**44.1**
USG	Allen RR	22.8	25.6	60.2	62.2	27.7	49.6	41.4	.
VT	Glenn	17.3	22.8	**68.0**	59.6	29.4	35.4	38.8	.
Average		22.3	27.3	59.3	63.8	31.4	48.7	42.1	43.5
LSD at 10% Level		4.3	6.2	8.9	7.9	14.3	13.5	4.0	2.7
Std. Err. of Entry Mean		1.8	2.6	2.8	3.4	61	5.7	1.7	1.1

Summary of Early-Planted MG V and VI Soybean Variety Performance at Six Locations, 2011 (Continued)

Company/Brand	Variety	2011 Yield[1]						Statewide Average	
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	2011	2-Year
		bu/acre							
Maturity Group VI									
A.M. Bickley	AMB 60LL	16.5	19	**42.2**	**67.3**	15.1	41.2	33.6	.
AGSouth	AGS6011LL	15.6	15.8	**46.1**	**66.5**	24.5	40.6	34.9	.
AR	R04-342	22.3	28.8	**63.6**	**74.2**	21.6	40.9	41.9	**46.5**
Asgrow	AG6132	18.8	**39.6**	**48.0**	61.9	41.5	42.0	42.0	.
Asgrow	AG6732	22.1	34.6	**51.3**	49.5	**56.4**	**68.0**	47.0	.
Asgrow	AG6931	**26.1**	**44.0**	**61.4**	59.5	**62.5**	36.2	**48.3**	**45.9**
Croplan Genetics	R2C6810	20.8	**37.8**	**46.1**	63.2	46.0	38.8	42.1	.
Dyna-Gro	36RY68	**22.9**	34.4	**56.1**	53.8	51.9	54.0	45.5	**45.2**
Dyna-Gro	V61N9RR	19.9	**36.6**	**50.0**	62.9	42.0	50.5	43.7	**45.4**
GoSoy	6111LL	12.8	16.0	**49.8**	**68.3**	10.4	41.6	33.2	.
NK	S61-Q2	10.9	26.2	**49.9**	63.8	50.0	51.8	42.1	.
Progeny	P 6710 RY	20.9	**38.2**	**47.9**	57.9	50.7	49.6	44.2	**43.5**
Public Variety	Musen	22.0	**42.2**	**43.4**	55.7	**67.7**	**63.5**	**49.1**	**45.7**
Public Variety	NC Roy	**23.2**	**40.8**	**64.2**	**68.2**	54.3	**58.2**	**51.5**	**49.6**
SS	RT6207N	17.1	21.6	**47.1**	64.5	32.0	49.1	38.6	**44.9**
SS	RT6451N	**26.8**	33.0	**52.7**	61.4	21.0	51.7	41.1	**40.7**
SS	RT6988N	16.1	29.5	**48.5**	**67.1**	47.9	49.1	43.0	**42.6**
SS	SS 6810NR2	18.8	**41.5**	**44.6**	**64.7**	48.2	44.6	43.7	**42.3**
SS	SS Exp. 6911NR2	17.2	**45.3**	**55.7**	**69.8**	55.6	53.4	**49.5**	.
UGA	G05-1102RR	21.4	26.4	**54.5**	59.3	49.4	45.7	42.8	**43.2**
UGA	G06-2460RR	20.5	21.1	**52.7**	**66.4**	48.1	46.9	42.6	**45.7**
USG	620nRR	18.2	**41.3**	**57.3**	**70.1**	50.5	**57.6**	**49.2**	**49.2**
USG	76G10L	17.9	21.5	**58.2**	**68.9**	30.6	38.8	39.3	.
USG	76S90R2	20.2	**39.8**	**51.5**	61.0	33.3	49.6	42.6	**43.4**
Average		19.5	32.3	51.8	63.6	42.1	48.5	43.0	44.9
LSD at 10% Level		3.9	8.8	N.S.[1]	9.5	12.0	12.6	4.4	N.S.
Std. Err. of Entry Mean		1.6	3.7	5.0	4.0	5.1	5.3	1.9	1.2

1. Yields calculated at 13% moisture.
2. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Summary of Early- and Late-Planted MG VII and VIII Soybean Variety Performance at Six Locations, 2011

		2011 Yield[1]						Statewide Average[2]	
		Late-Planted		Early-Planted					
Company/Brand	Variety	Griffin	Plains	Athens	Midville	Plains	Tifton	2011	2-Year
		bu/acre							
Maturity Group VII and VIII									
AGSouth	AGS758RR	30.2	**42.5**	25.0	55.1	45.6	64.5	43.8	.
AgSouth	AGS Prichard RR	30.6	**43.1**	23.7	39.6	43.6	64.4	40.8	39.2
AgSouth	AGS Woodruff	35.8	37.5	**30.5**	59.0	**53.8**	63.8	**46.7**	45.0
Asgrow	AG7231	35.1	31.8	**29.3**	57.4	45.2	**75.8**	45.8	45.2
Asgrow	AG7532	29.1	36.5	**26.9**	55.2	**59.5**	**71.4**	**46.4**	.
Croplan Genetics	1R2C75	32.4	**43.3**	25.1	47.2	**48.3**	67.1	43.9	.
Croplan Genetics	1R2C76	**42.6**	**45.1**	**26.6**	57.9	**54.1**	**71.1**	**49.6**	.
Croplan Genetics	R2C7390	**36.5**	**44.4**	24.7	59.4	**58.7**	**71.7**	**49.2**	.
Dyna-Gro	34RY75	**40.4**	39.6	**32.7**	**61.1**	**55.3**	**70.0**	**49.9**	.
Dyna-Gro	35K73	27.7	**44.9**	25.9	53.7	**52.5**	67.4	45.4	**45.6**
Dyna-Gro	V76N9RR	31.2	**43.7**	**29.4**	**60.9**	**51.3**	66.6	**47.2**	**46.3**
NK	S78-G6	31.9	41.4	20.3	57.3	**55.7**	68.1	45.8	.
NK	S79-B9 Brand	28.2	**43.6**	**27.6**	54.0	**47.9**	67.1	44.8	44.9
Pioneer	97M50	34.8	39.1	24.1	54.3	43.5	**72.0**	44.6	43.8
Progeny	P 7310 RY	28.1	**43.8**	**30.9**	**68.0**	41.7	**73.1**	**47.6**	**47.8**
Public Variety	Cook	**39.3**	38.5	**30.0**	**61.8**	**51.8**	67.7	**48.2**	.
Public Variety	Motte	33.5	39.2	**29.9**	56.1	**49.6**	66.1	45.7	**45.4**
Public Variety	Musen	19.8	**42.1**	25.5	**59.6**	**54.3**	65.6	44.5	.
Public Variety	NC Raleigh	31.8	41.4	**26.5**	55.6	**58.3**	62.4	**46.0**	**45.4**
Public Variety	Santee	33.8	**44.3**	**29.1**	55.0	**57.1**	**73.9**	**48.9**	**46.8**
SC	SC01-803	22.7	41.6	24.7	47.3	**51.5**	58.9	41.1	39.7
SC	SC03-062	31.9	**51.0**	**27.4**	53.2	**59.7**	60.0	**47.2**	**45.6**
SC	SC04-375	26.6	37.8	**30.5**	**62.8**	44.8	**70.7**	45.5	.
SS	RT7270N	24.8	29.5	24.3	54.2	31.9	67.3	38.7	40.1
SS	RT7999N	33.0	41.6	22.5	46.1	37.0	61.2	40.2	39.4
SS	SS7511NR2	27.6	31.5	**27.8**	46.7	**48.0**	68.2	41.7	.
UGA	G03-1187RR	27.1	37.4	24.2	54.2	36.4	**71.5**	41.8	42.7
UGA	G04-1618RR	24.1	**42.0**	**27.0**	**62.2**	**49.6**	**74.7**	**46.6**	**45.8**
UGA	G04-2215RR	34.5	**42.2**	20.3	53.8	**54.9**	69.7	45.9	45.1
UGA	G05-4237RR	27.6	41.7	23.4	43.8	**52.7**	63.3	42.1	42.5
UGA	G06-2507RR	32.3	**44.3**	**28.4**	50.9	**55.7**	62.5	45.6	44.5
UGA	G06-3182RR	**36.8**	**47.1**	21.0	56.0	**56.6**	**73.1**	**48.4**	**46.2**
UGA	G07-1185RR	33.9	35.0	**29.1**	53.2	46.7	59.2	42.8	43.7
UGA	G07-1285RR	23.5	**42.6**	23.8	44.8	44.8	64.7	40.7	.
UGA	G07-1366RR	30.7	**49.4**	**28.1**	43.9	**52.2**	55.0	43.2	.
UGA	G07-2879RR	**40.5**	**44.5**	20.8	50.8	47.2	67.2	45.2	.
UGA	G07-3192RR	27.5	39.6	14.5	46.7	46.2	60.9	39.2	.
UGA	G07-3496RR	32.4	**44.2**	25.9	50.7	44.3	61.6	43.2	.
UGA	G07-3557RR	**36.9**	**48.3**	**27.3**	55.4	**52.2**	60.1	**46.7**	.
UGA	G07-3651RR	33.3	**46.1**	26.0	59.0	45.5	64.1	45.7	.
UGA	G07-3839RR	28.9	**45.6**	**31.1**	50.4	**51.3**	58.2	44.3	.
UGA	G09PR-54326R2	26.6	**46.3**	23.3	54.2	47.1	67.3	44.1	.
UGA	G09PR-54329R2	28.7	37.0	22.5	54.5	44.3	59.4	41.1	.
UGA	G09PR-54362R2	30.3	41.6	23.9	**59.7**	36.8	**76.5**	44.8	.
UGA	G09PR-54378R2	31.6	37.8	**29.3**	**61.2**	**52.9**	68.3	**46.9**	.

Summary of Early- and Late-Planted MG VII and VIII Soybean Variety Performance at Six Locations, 2011 (Continued)

		2011 Yield[1]						Statewide Average[2]	
		Late-Planted		Early-Planted					
Company/Brand	Variety	Griffin	Plains	Athens	Midville	Plains	Tifton	2011	2-Year
		---------- bu/acre ----------							
Maturity Group VII and VIII - continued									
USG	7732nRR	25.9	31.7	**26.6**	**60.6**	44.7	65.1	42.4	41.6
USG	77S40R2	27.9	40.6	18.7	**60.7**	41.6	65.0	42.4	43.9
Average		31.1	41.4	25.9	54.6	49	66.5	44.7	44
LSD at 10% Level		6.6	9.2	6.4	8.4	12.2	6.6	3.9	2.5
Std. Err. of Entry Mean		2.8	3.9	2.7	3.6	5.2	2.8	1.7	1.1

1. Yields calculated at 13% moisture.
2. All six locations.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Regional Summary of Early-Planted MG V and VI Soybean Variety Performance, 2011

Company or Brand Name	Variety	Yield[1] South[2] 2011	South[2] 2-Year Average	North[3] 2011	North[3] 2-Year Average	Statewide[4] 2011	Statewide[4] 2-Year Average
		bu/acre					
Maturity Group V							
A.M. Bickley	AMB 59LL	**53.0**	.	**37.0**	.	**45.0**	.
AGSouth	AGS5911LL	**49.3**	.	**35.0**	.	42.1	.
AGSouth	AGS597RR	**54.6**	.	**37.8**	.	**46.2**	.
AGSouth	AGS 568RR	**53.0**	**49.5**	**37.5**	**43.4**	**45.3**	**46.5**
Asgrow	AG5832	**47.1**	.	**34.4**	.	40.7	.
Croplan Genetics	R2C5820	**48.1**	.	**40.2**	.	**44.2**	.
Dyna-Gro	39RY57	**51.3**	.	**38.9**	.	**45.1**	.
GoSoy	5911LL	**52.9**	.	**35.9**	.	**44.4**	.
NK	S57-K3 Brand	**55.8**	.	**37.2**	.	**46.5**	.
Pioneer	95Y20	**48.5**	**47.7**	**37.0**	**44.9**	42.7	**46.3**
Pioneer	95Y70	**48.2**	**47.5**	**35.6**	40.0	41.9	43.7
Pioneer	95Y71	**57.2**	.	**38.5**	.	**47.8**	.
Progeny	P 5610 RY	**38.3**	41.6	**40.3**	**42.7**	39.3	42.1
Progeny	P 5655 RY	**47.9**	.	**32.8**	.	40.4	.
Progeny	P 5711 RY	**55.0**	.	**38.7**	.	**46.8**	.
Progeny	P 5811 RY	**44.6**	.	**35.4**	.	40.0	.
Public Variety	Osage	**45.3**	43.8	**35.8**	**42.8**	40.5	43.3
Public Variety	Ozark	**48.1**	45.6	**36.5**	**42.7**	42.3	**44.2**
SS	LL511N	**42.5**	42.9	**36.0**	**42.1**	39.3	42.5
SS	LL540N	**48.7**	.	**35.4**	.	42.1	.
SS	LL595N	**50.3**	46.4	**33.2**	36.5	41.7	41.5
SS	RT5160N	**55.8**	**50.4**	**31.1**	39.9	43.4	**45.1**
SS	RT5471N	**38.9**	39.4	**32.4**	37.8	35.6	38.6
SS	RT5760N	**52.3**	**47.4**	**42.3**	**43.4**	**47.3**	**45.4**
SS	RT5930N	**41.8**	.	**35.8**	.	38.8	.
SS	RT5960N	**45.8**	44.4	**36.0**	39.7	40.9	42.1
SS	SS Exp. 5112R2	**42.2**	.	**35.9**	.	39.1	.
SS	SS LL590N	**38.2**	.	**34.3**	.	36.2	.
SS	SS5510NR2	**43.6**	.	**31.0**	.	37.3	.
SS	SS5511NR2	**47.1**	.	**36.6**	.	41.9	.
Terral-REV™	56R21™	**45.1**	45.0	**37.2**	**41.3**	41.2	43.1
Terral-REV™	56R63™	**55.5**	.	**36.5**	.	**46.0**	.
Terral-REV™	57R21™	**45.1**	46.0	**39.7**	**42.2**	42.4	44.1
USG	Allen RR	**46.5**	.	**36.2**	.	41.4	.
VT	Glenn	**41.5**	.	**36.0**	.	38.8	.
Average		48.0	45.5	36.3	41.4	42.1	43.5
LSD at 10% Level		N.S.[5]	3.5	N.S.	4.0	4.0	2.7
Std. Err. of Entry Mean		3.0	1.5	1.7	1.7	1.7	1.1

Regional Summary of Early-Planted MG V and VI Soybean Variety Performance, 2011 (Continued)

Company or Brand Name	Variety	Yield[1] South[2] 2011	South[2] 2-Year Average	North[3] 2011	North[3] 2-Year Average	Statewide[4] 2011	Statewide[4] 2-Year Average
		bu/acre					
Maturity Groups VI							
A.M. Bickley	AMB 60LL	**41.2**	.	25.9	.	33.6	.
AGSouth	AGS6011LL	**43.9**	.	25.8	.	34.9	.
AR	R04-342	**45.5**	**45.7**	**38.2**	**47.2**	41.9	**46.5**
Asgrow	AG6132	**48.4**	.	35.5	.	42.0	.
Asgrow	AG6732	**58.0**	.	36.0	.	47.0	.
Asgrow	AG6931	**52.7**	**46.4**	**43.8**	**45.4**	**48.3**	**45.9**
Croplan Genetics	R2C6810	**49.3**	.	34.9	.	42.1	.
Dyna-Gro	36RY68	**53.3**	**46.7**	**37.8**	**43.6**	45.5	**45.2**
Dyna-Gro	V61N9RR	**51.8**	**46.9**	35.5	**43.9**	43.7	**45.4**
GoSoy	6111LL	**40.1**	.	26.2	.	33.2	.
NK	S61-Q2	**55.2**	.	29.0	.	42.1	.
Progeny	P 6710 RY	**52.7**	**47.0**	35.7	**39.9**	44.2	**43.5**
Public Variety	Musen	**62.3**	**52.8**	35.9	**38.5**	**49.1**	**45.7**
Public Variety	NC Roy	**60.2**	**53.0**	**42.7**	**46.2**	**51.5**	**49.6**
SS	RT6207N	**48.6**	**48.2**	28.6	**41.6**	38.6	**44.9**
SS	RT6451N	**44.7**	**40.4**	37.5	**41.1**	41.1	**40.7**
SS	RT6988N	**54.7**	**48.0**	31.4	**37.1**	43.0	**42.6**
SS	SS 6810NR2	**52.5**	**45.6**	35.0	**39.0**	43.7	**42.3**
SS	SS Exp. 6911NR2	**59.6**	.	**39.4**	.	**49.5**	.
UGA	G05-1102RR	**51.5**	**45.0**	34.1	**41.4**	42.8	**43.2**
UGA	G06-2460RR	**53.8**	**49.2**	31.4	**42.1**	42.6	**45.7**
USG	620nRR	**59.4**	**52.1**	**38.9**	**46.4**	**49.2**	**49.2**
USG	76G10L	**46.1**	.	32.5	.	39.3	.
USG	76S90R2	**48.0**	**44.8**	37.1	**42.1**	42.6	**43.4**
Average		51.4	47.5	34.5	42.4	43.0	44.9
LSD at 10% Level		N.S.	N.S.	6.1	N.S.	4.4	N.S.
Std. Err. of Entry Mean		2.8	1.6	2.6	1.7	1.9	1.2

1. Yields calculated at 13% moisture.
2. Midville, Plains and Tifton.
3. Athens, Calhoun and Griffin.
4. All six locations.
5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore a LSD value was not calculated.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Regional Summary of Early- and Late-Planted MG VII and VIII Soybean Variety Performance, 2011

Company or Brand Name	Variety	Yield[1] South[2] 2011	South[2] 2-Year Average	North[3] 2011	North[3] 2-Year Average	Statewide[4] 2011	Statewide[4] 2-Year Average
		bu/acre					
Maturity Groups VII and VIII							
AGSouth	AGS758RR	51.9	.	27.6	.	43.8	.
AgSouth	AGS Prichard RR	47.7	40.8	27.1	35.9	40.8	39.2
AgSouth	AGS Woodruff	53.5	46.4	**33.2**	**42.4**	**46.7**	45.0
Asgrow	AG7231	52.6	47.0	**32.2**	**41.6**	45.8	45.2
Asgrow	AG7532	**55.6**	.	28.0	.	**46.4**	.
Croplan Genetics	1R2C75	51.5	.	28.8	.	43.9	.
Croplan Genetics	1R2C76	**57.1**	.	**34.6**	.	**49.6**	.
Croplan Genetics	R2C7390	**58.5**	.	30.6	.	**49.2**	.
Dyna-Gro	34RY75	**56.5**	.	**36.6**	.	**49.9**	.
Dyna-Gro	35K73	**54.6**	**48.0**	26.8	**40.9**	45.4	**45.6**
Dyna-Gro	V76N9RR	**55.6**	**50.7**	30.3	37.6	**47.2**	**46.3**
NK	S78-G6	**55.6**	.	26.1	.	45.8	.
NK	S79-B9 Brand	53.2	47.6	27.9	**39.5**	44.8	44.9
Pioneer	97M50	52.2	45.8	29.4	**39.8**	44.6	43.8
Progeny	P 7310 RY	**56.7**	**49.9**	29.5	**43.7**	**47.6**	**47.8**
Public Variety	Cook	**55.0**	.	**34.6**	.	**48.2**	.
Public Variety	Motte	52.7	47.0	**31.7**	**42.2**	45.7	**45.4**
Public Variety	Musen	**55.4**	.	22.6	.	44.5	.
Public Variety	NC Raleigh	**54.4**	**48.3**	29.1	**39.5**	**46.0**	**45.4**
Public Variety	Santee	**57.6**	**50.3**	**31.5**	**39.8**	**48.9**	**46.8**
SC	SC01-803	49.8	41.5	23.7	36.2	41.1	39.7
SC	SC03-062	**55.9**	**48.6**	29.7	**39.4**	**47.2**	**45.6**
SC	SC04-375	**54.0**	.	28.5	.	45.5	.
SS	RT7270N	45.7	41.8	24.6	36.7	38.7	40.1
SS	RT7999N	46.5	41.6	27.8	34.9	40.2	39.4
SS	SS7511NR2	48.6	.	27.7	.	41.7	.
UGA	G03-1187RR	49.9	45.8	25.7	36.5	41.8	42.7
UGA	G04-1618RR	**57.1**	**49.3**	25.6	38.7	**46.6**	**45.8**
UGA	G04-2215RR	**55.1**	47.8	27.4	**39.8**	45.9	45.1
UGA	G05-4237RR	50.4	44.1	25.5	**39.4**	42.1	42.5
UGA	G06-2507RR	53.3	44.9	30.3	**43.8**	45.6	44.5
UGA	G06-3182RR	**58.2**	**50.7**	28.9	37.2	**48.4**	**46.2**
UGA	G07-1185RR	48.5	44.6	**31.5**	**41.9**	42.8	43.7
UGA	G07-1285RR	49.2	.	23.7	.	40.7	.
UGA	G07-1366RR	50.1	.	29.4	.	43.2	.
UGA	G07-2879RR	52.4	.	30.6	.	45.2	.
UGA	G07-3192RR	48.4	.	21.0	.	39.2	.
UGA	G07-3496RR	50.2	.	29.1	.	43.2	.
UGA	G07-3557RR	**54.0**	.	**32.1**	.	**46.7**	.
UGA	G07-3651RR	53.7	.	29.7	.	45.7	.
UGA	G07-3839RR	51.4	.	30.0	.	44.3	.
UGA	G09PR-54326R2	53.7	.	25.0	.	44.1	.
UGA	G09PR-54329R2	48.8	.	25.6	.	41.1	.
UGA	G09PR-54362R2	53.6	.	27.1	.	44.8	.
UGA	G09PR-54378R2	**55.1**	.	30.4	.	**46.9**	.

Regional Summary of Early- and Late-Planted MG VII and VIII Soybean Variety Performance, 2011 (Continued)

Company or Brand Name	Variety	Yield[1] South[2] 2011	South[2] 2-Year Average	North[3] 2011	North[3] 2-Year Average	Statewide[4] 2011	Statewide[4] 2-Year Average
		bu/acre					
Maturity Groups VII and VII-continued							
USG	7732nRR	50.5	42.4	26.2	**39.9**	42.4	41.6
USG	77S40R2	51.9	46.9	23.3	38.0	42.4	43.9
Average		52.8	46.3	28.5	39.4	44.7	44.0
LSD at 10% Level		4.6	2.7	5.5	5.0	3.9	2.5
Std. Err. of Entry Mean		2.0	1.2	2.3	2.2	1.7	1.1

1. Yields calculated at 13% moisture.
2. Midville, Plains and Tifton.
3. Athens Early-Planted and Griffin Late-Planted.
4. All six locations.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Tifton, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre		bu/acre	date	in	rating	gm	rating	rating
Maturity Group V										
SS	RT5960N	**48.7**	3	**60.8**	09/17	33	1.3	15.0	2.3	1.0
Pioneer	95Y70	**48.4**	12	**52.7**	09/17	37	1.7	13.7	1.8	1.0
AGSouth	AGS 568RR	**48.1**	4	**59.8**	09/15	29	1.3	15.1	1.7	1.0
Pioneer	95Y20	**48.0**	8	**55.3**	09/15	29	1.0	13.7	2.0	1.0
SS	RT5760N	**44.8**	9	**54.4**	09/20	31	1.7	14.9	2.8	1.0
SS	RT5160N	**44.0**	7	**55.6**	09/12	31	1.3	15.1	2.8	1.0
SS	RT5471N	**42.2**	10	**53.6**	09/16	27	1.0	14.3	1.8	1.0
SS	LL595N	**39.3**	15	50.0	09/15	34	1.0	13.6	2.7	1.0
Public Variety	Ozark	37.9	26	43.8	09/13	25	1.0	14.3	2.0	1.0
Terral-REV™	56R21™	36.8	25	43.9	09/13	29	1.0	13.3	2.2	1.0
SS	LL511N	36.4	29	39.2	09/12	21	1.0	14.0	2.5	1.0
Public Variety	Osage	36.2	28	42.4	09/16	24	1.0	12.7	2.8	1.0
Terral-REV™	57R21™	34.8	30	36.1	09/14	35	1.3	13.2	2.5	1.0
Progeny	P 5610 RY	29.4	33	32.1	09/15	29	1.7	16.0	2.3	1.0
Pioneer	95Y71	.	1	**64.7**	09/15	34	1.3	14.1	2.0	1.0
NK	S57-K3 Brand	.	2	**61.0**	09/17	29	1.7	14.6	2.5	1.0
Terral-REV™	56R63™	.	5	**57.8**	09/14	34	1.3	13.9	1.9	1.0
Asgrow	AG5832	.	6	**56.8**	09/18	48	2.3	14.4	2.3	1.0
Croplan Genetics	R2C5820	.	11[T]	**52.9**	09/14	27	1.0	15.6	2.3	1.0
AGSouth	AGS597RR	.	11[T]	**52.9**	09/17	30	1.7	15.4	2.0	1.0
SS	RT5930N	.	13	**51.7**	09/17	31	1.7	14.9	2.3	1.0
AGSouth	AGS5911LL	.	14	50.1	09/15	30	1.0	12.9	2.2	1.0
USG	Allen RR	.	16	49.6	09/19	27	1.3	15.8	1.5	1.0
Progeny	P 5811 RY	.	17	48.4	09/15	31	2.0	13.2	2.3	1.0
A.M. Bickley	AMB 59LL	.	15	47.7	09/15	28	1.0	13.0	2.0	1.0
GoSoy	5911LL	.	19	47.3	09/14	31	1.0	13.0	2.2	1.0
SS	LL540N	.	20	47.1	09/13	31	1.0	14.1	2.1	1.0
SS	SS Exp. 5112R2	.	21	45.2	09/11	28	1.0	14.3	3.2	1.0
SS	SS LL590N	.	22[T]	45.0	09/12	29	1.3	14.6	2.7	1.0
SS	SS5510NR2	.	22[T]	45.0	09/14	41	2.0	14.1	3.3	1.0
SS	SS5511NR2	.	23	44.5	09/15	29	1.0	16.2	2.3	1.0
Progeny	P 5655 RY	.	24	44.1	09/13	35	1.3	13.3	2.8	1.0
Dyna-Gro	39RY57	.	27	43.6	09/17	33	1.3	14.9	2.5	1.0
VT	Glenn	.	31	35.4	09/12	21	1.0	14.6	3.0	1.0
Progeny	P 5711 RY	.	32	33.2	09/19	31	1.7	14.5	2.8	1.0
Average		41.1		48.7 [5]	09/15	31	1.3	14.3	2.4	1.0
LSD at 10% Level		9.4		13.5	02	4	0.6	0.8	0.5	-
Std. Err. of Entry Mean		3.0		5.7	01	2	0.3	0.3	0.2	-

Tifton, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VI										
Public Variety	Musen	58.5	2	**63.5**	10/21	33	1.7	14.0	1.7	1.0
USG	620nRR	52.4	4	**57.6**	09/22	33	1.0	15.1	2.0	1.0
Public Variety	NC Roy	49.0	3	**58.2**	10/16	23	1.0	13.3	1.7	1.0
Dyna-Gro	36RY68	49.0	5	54.0	10/21	31	1.0	15.4	2.2	1.0
USG	76S90R2	47.0	10[T]	49.6	10/20	28	1.0	15.6	2.2	1.0
Progeny	P 6710 RY	43.6	10[T]	49.6	10/13	30	1.0	15.7	2.0	1.0
UGA	G06-2460RR	43.6	12	46.9	09/23	27	1.0	12.9	1.9	1.0
SS	RT6207N	43.2	11[T]	49.1	09/17	30	1.0	12.1	2.2	1.0
SS	RT6451N	41.5	8	51.7	10/09	31	1.3	13.0	1.8	1.0
SS	RT6988N	41.1	11[T]	49.1	10/05	31	1.3	14.8	2.2	1.0
Dyna-Gro	V61N9RR	40.5	9	50.5	09/22	27	1.0	14.9	2.8	1.0
UGA	G05-1102RR	40.0	13	45.7	10/08	32	1.0	14.2	2.0	1.0
SS	SS 6810NR2	38.8	14	44.6	10/21	28	1.0	15.2	2.0	1.0
Asgrow	AG6931	37.0	21	36.2	10/19	29	1.3	16.1	2.3	1.0
AR	R04-342	36.1	18	40.9	09/15	22	1.0	14.8	2.2	1.0
Asgrow	AG6732	.	1	**68.0**	10/21	31	1.0	14.9	2.2	1.0
SS	SS Exp. 6911NR2	.	6	53.4	10/17	29	1.0	15.9	2.0	1.0
NK	S61-Q2	.	7	51.8	09/19	30	1.0	15.3	2.3	1.0
Asgrow	AG6132	.	15	42.0	10/11	30	1.0	15.6	2.5	1.0
GoSoy	6111LL	.	16	41.6	09/14	25	1.0	14.7	3.2	1.0
A.M. Bickley	AMB 60LL	.	17	41.2	09/14	25	1.0	14.5	3.0	1.0
AGSouth	AGS6011LL	.	19	40.6	09/16	25	1.0	14.9	3.3	1.0
USG	76G10L	.	20[T]	38.8	09/13	25	1.0	14.7	3.3	1.0
Croplan Genetics	R2C6810	.	20[T]	38.8	10/21	28	1.0	15.2	2.0	1.0
Average		44.1		48.5 [6]	10/04	29	1.1	14.7	2.3	1.0
LSD at 10% Level		7.2		12.6	02	3	0.3	1.2	0.4	-
Std. Err. of Entry Mean		3.2		5.3	01	1	0.1	0.5	0.2	-

Tifton, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre		bu/acre	date	in	rating	gm	rating	rating
Maturity Group VII and VIII										
UGA	G04-1618RR	**59.4**	3	**74.7**	10/17	31	2.0	14.2	1.5	1.0
UGA	G06-3182RR	**56.7**	5[T]	**73.1**	10/07	32	1.0	14.3	2.2	1.0
Public Variety	Santee	**56.0**	4	**73.9**	10/14	39	1.7	16.6	2.0	1.0
Progeny	P 7310 RY	**56.0**	5[T]	**73.1**	10/17	28	1.0	17.5	2.2	1.0
Dyna-Gro	V76N9RR	**55.3**	22	66.6	10/20	39	1.7	15.1	1.7	1.0
Pioneer	97M50	**53.9**	6	**72.0**	10/13	35	1.7	15.0	1.7	1.0
Asgrow	AG7231	**53.3**	2	**75.8**	10/20	33	1.0	16.6	2.2	1.0
UGA	G04-2215RR	**52.7**	13	69.7	10/16	28	1.0	12.9	1.8	1.0
NK	S79-B9 Brand	**52.5**	21[T]	67.1	10/20	40	1.7	18.7	1.8	1.0
UGA	G07-1185RR	**52.1**	41	59.2	10/20	37	1.0	11.9	1.7	1.0
UGA	G03-1187RR	**51.7**	8	**71.5**	10/11	35	1.3	16.0	1.8	1.0
AGSouth	AGS Prichard RR	**51.4**	29	64.4	10/26	39	2.0	14.8	1.7	1.0
AGSouth	AGS Woodruff	**51.0**	31	63.8	10/14	34	1.7	16.2	1.8	1.0
SC	SC03-062	**50.5**	39	60.0	10/23	31	1.7	15.9	1.7	1.0
Public Variety	Motte	**50.4**	23	66.1	10/23	36	2.0	15.8	2.0	1.0
USG	77S40R2	**50.4**	26	65.0	10/10	28	1.0	15.8	2.0	1.0
Public Variety	NC Raleigh	**50.3**	34	62.4	10/16	31	2.3	14.9	2.2	1.0
SS	RT7999N	**50.2**	36	61.2	10/24	44	2.0	17.2	2.0	1.0
Dyna-Gro	35K73	**49.9**	18	67.4	10/14	36	1.3	15.7	1.8	1.0
UGA	G06-2507RR	**49.5**	33	62.5	10/14	38	1.0	14.0	1.8	1.0
SS	RT7270N	**48.9**	19[T]	67.3	10/14	41	1.7	14.0	2.3	1.0
UGA	G05-4237RR	**48.3**	32	63.3	10/20	34	1.7	15.1	1.8	1.0
USG	7732nRR	**46.1**	25	65.1	10/21	37	2.3	17.1	1.8	1.0
SC	SC01-803	**43.5**	42	58.9	10/22	43	1.3	16.8	1.8	1.0
UGA	G09PR-54362R2	.	1	**76.5**	10/14	37	1.3	15.2	1.7	1.0
Croplan Genetics	R2C7390	.	7	**71.7**	10/14	29	1.0	17.1	2.2	1.0
Asgrow	AG7532	.	9	**71.4**	10/19	35	1.3	16.4	1.8	1.0
Croplan Genetics	1R2C76	.	10	**71.1**	10/18	32	1.0	14.7	1.8	1.0
SC	SC04-375	.	11	**70.7**	10/13	30	1.0	17.4	2.2	1.0
Dyna-Gro	34RY75	.	12	**70.0**	10/19	35	1.3	15.4	1.7	1.0
UGA	G09PR-54378R2	.	14	68.3	10/13	40	1.3	14.6	1.8	1.0
SS	SS7511NR2	.	15	68.2	10/17	38	2.3	16.9	2.2	1.0
NK	S78-G6	.	16	68.1	10/17	37	1.0	19.9	2.3	1.0
Public Variety	Cook	.	17	67.7	10/23	41	2.0	17.8	2.0	1.0
UGA	G09PR-54326R2	.	19[T]	67.3	10/10	34	1.0	13.1	2.0	1.0
UGA	G07-2879RR	.	20	67.2	10/19	35	1.0	16.2	2.0	1.0
Croplan Genetics	1R2C75	.	21[T]	67.1	10/18	36	1.7	16.4	2.0	1.0
Public Variety	Musen	.	24	65.6	10/13	39	1.3	14.3	1.7	1.0
UGA	G07-1285RR	.	27	64.7	10/22	39	1.0	16.8	1.8	1.0
AGSouth	AGS758RR	.	28	64.5	10/14	37	1.7	14.8	2.2	1.0

Tifton, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VII and VIII - continued										
UGA	G07-3651RR	.	30	64.1	10/13	41	1.7	14.2	1.5	1.0
UGA	G07-3496RR	.	35	61.6	10/18	39	1.7	15.8	1.7	1.0
UGA	G07-3192RR	.	37	60.9	10/04	34	1.0	12.2	1.8	1.0
UGA	G07-3557RR	.	38	60.1	10/19	38	1.7	16.6	1.8	1.0
UGA	G09PR-54329R2	.	40	59.4	10/07	36	1.0	14.7	1.7	1.0
UGA	G07-3839RR	.	43	58.2	10/18	32	1.0	18.8	2.0	1.0
UGA	G07-1366RR	.	44	55.0	10/08	40	1.7	13.7	1.7	1.0
Average		51.7		66.5 [7]	10/16	36	1.4	15.6	1.9	1.0
LSD at 10% Level		N.S.[8]		6.6	03	4	0.6	0.9	0.4	-
Std. Err. of Entry Mean		1.6		2.8	01	2	0.3	0.4	0.1	-

* 2010-2011.

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 20.4% and df for EMS = 64.
6. CV = 18.9% and df for EMS = 46.
7. CV = 7.3% and df for EMS = 92.
8. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 5, 2011.

Harvested: Maturity Group V - October 17, 2011.
Maturity Group VI - October 27, 2011.
Maturity Group VII and VIII - October 27, 2011.

Seeding Rate: Eight seeds per foot in 30" rows.

Soil Type: Tifton sandy loam.

Soil Test: P = High, K = Medium, and pH = 6.4.

Fertilization: 6 lb N, 18 lb P_2O_5, and 79 lb K_2O/acre.

Previous Crop: Corn.

Management: Disked, subsoiled and bedded; Prowl, Basagran, Select, Ultra Blazer and Classic used for weed control; Tracer and Discipline used or insect control; Telone II used for nematode control; irrigated 11 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre		bu/acre	date	in	rating	gm	rating	rating
Maturity Group V										
SS	RT5760N	**45.1**	5[T]	**40.4**	10/05	32	1.3	.	.	1.0
AGSouth	AGS 568RR	**43.7**	9	37.5	10/07	29	1.3	.	.	1.0
Terral-REV™	57R21™	**41.6**	8[T]	**37.8**	11/14	29	1.7	.	.	1.0
SS	RT5160N	**40.8**	8[T]	**37.8**	10/06	30	1.0	.	.	1.0
SS	LL595N	**39.6**	12	35.0	10/08	30	1.3	.	.	1.0
Pioneer	95Y20	**39.2**	17	32.4	10/13	27	1.0	.	.	1.0
Public Variety	Ozark	**39.2**	18	31.4	10/04	27	1.0	.	.	1.0
Pioneer	95Y70	**38.5**	20	29.6	10/15	28	1.0	.	.	1.0
Terral-REV™	56R21™	**37.0**	24	26.5	10/03	25	1.0	.	.	1.0
Progeny	P 5610 RY	34.9	29	18.4	10/10	24	1.0	.	.	1.0
Public Variety	Osage	32.4	25[T]	24.7	10/04	24	1.0	.	.	1.0
SS	RT5960N	31.4	27	23.2	10/12	25	1.0	.	.	1.0
SS	LL511N	28.0	28	19.5	10/10	19	1.0	.	.	1.0
SS	RT5471N	24.8	32	10.9	10/03	17	1.0	.	.	1.3
Progeny	P 5711 RY	.	1	**51.9**	10/07	28	1.0	.	.	1.0
AGSouth	AGS597RR	.	2	**45.3**	10/05	27	1.3	.	.	1.0
SS	SS5510NR2	.	3	**42.4**	10/03	39	1.0	.	.	1.0
GoSoy	5911LL	.	4	**41.2**	10/09	29	1.7	.	.	1.0
A.M. Bickley	AMB 59LL	.	5[T]	**40.4**	10/09	33	1.3	.	.	1.0
Pioneer	95Y71	.	6	**39.0**	09/29	31	1.7	.	.	1.0
Dyna-Gro	39RY57	.	7	**38.6**	10/06	28	1.3	.	.	1.0
Terral-REV™	56R63™	.	10	36.2	10/10	31	1.7	.	.	1.0
SS	LL540N	.	11	35.4	09/30	28	1.3	.	.	1.3
AGSouth	AGS5911LL	.	13	34.6	10/09	27	1.3	.	.	1.0
NK	S57-K3 Brand	.	14	34.5	10/13	29	1.0	.	.	1.0
Progeny	P 5655 RY	.	15	34.4	10/07	31	1.0	.	.	1.0
SS	SS5511NR2	.	16	34.2	10/09	29	1.3	.	.	1.0
Asgrow	AG5832	.	19	29.9	10/12	45	1.3	.	.	1.0
VT	Glenn	.	21	29.4	10/07	25	1.0	.	.	1.3
USG	Allen RR	.	22	27.7	10/07	25	1.7	.	.	1.0
Progeny	P 5811 RY	.	23	27.1	10/10	25	1.0	.	.	1.0
Croplan Genetics	R2C5820	.	25[T]	24.7	10/09	25	1.0	.	.	1.0
SS	SS Exp. 5112R2	.	26	23.6	10/05	27	1.0	.	.	1.0
SS	RT5930N	.	30	12.5	10/08	25	1.0	.	.	1.0
SS	SS LL590N	.	31	11.3	10/06	25	1.0	.	.	1.0
Average		36.9		31.4[5]	10/08	28	1.2	.	.	1.0
LSD at 10% Level		9.4		14.3	-	4	N.S.[6]			N.S.
Std. Err. of Entry Mean		2.9		6.1	-	2	0.2			0.1

Plains, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VI										
Public Variety	Musen	**54.0**	1	**67.7**	10/19	42	2.0	.	.	1.0
Asgrow	AG6931	**50.9**	2	**62.5**	10/21	39	2.0	.	.	1.0
Public Variety	NC Roy	**50.6**	5	54.3	10/16	30	1.3	.	.	1.0
SS	RT6988N	**45.7**	13	47.9	10/16	32	1.0	.	.	1.0
UGA	G06-2460RR	**45.2**	12	48.1	10/12	30	1.0	.	.	1.0
USG	620nRR	**44.8**	8	50.5	10/12	35	1.7	.	.	1.0
SS	SS 6810NR2	**44.4**	11	48.2	10/17	35	1.3	.	.	1.0
Dyna-Gro	36RY68	**43.9**	6	51.9	10/19	36	1.3	.	.	1.0
Progeny	P 6710 RY	**43.8**	7	50.7	10/18	31	1.0	.	.	1.0
UGA	G05-1102RR	**43.5**	10	49.4	10/18	34	1.0	.	.	1.0
Dyna-Gro	V61N9RR	**43.5**	15	42.0	10/14	28	1.0	.	.	1.0
SS	RT6207N	**41.3**	18	32.0	10/15	25	1.0	.	.	1.0
AR	R04-342	**36.3**	21	21.6	10/07	23	1.3	.	.	1.0
USG	76S90R2	**34.9**	17	33.3	10/17	26	1.0	.	.	1.0
SS	RT6451N	**30.6**	22	21.0	10/15	29	1.0	.	.	1.0
Asgrow	AG6732	.	3	**56.4**	10/22	33	1.0	.	.	1.0
SS	SS Exp. 6911NR2	.	4	55.6	10/18	29	1.0	.	.	1.0
NK	S61-Q2	.	9	50.0	10/12	33	1.0	.	.	1.0
Croplan Genetics	R2C6810	.	14	46.0	10/19	31	1.0	.	.	1.0
Asgrow	AG6132	.	16	41.5	10/18	35	1.7	.	.	1.0
USG	76G10L	.	19	30.6	10/13	26	1.0	.	.	1.0
AGSouth	AGS6011LL	.	20	24.5	10/14	25	1.0	.	.	1.0
A.M. Bickley	AMB 60LL	.	23	15.1	10/15	23	1.3	.	.	1.3
GoSoy	6111LL	.	24	10.4	10/12	22	1.0	.	.	1.0
Average		43.6		42.1[7]	10/16	31	1.2	.	.	1.0
LSD at 10% Level		N.S.		12.0	04	5	0.4			-
Std. Err. of Entry Mean		2.6		5.1	01	2	0.2			-

Plains, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VII and VIII										
Public Variety	NC Raleigh	**53.5**	4	**58.3**	10/24	33	2.0	.	.	1.3
SC	SC03-062	**52.2**	1	**59.7**	10/28	36	2.3	.	.	1.0
UGA	G06-3182RR	**50.6**	6	**56.6**	10/22	35	1.3	.	.	1.0
AGSouth	AGS Woodruff	**50.5**	12	**53.8**	10/29	35	1.7	.	.	1.0
Dyna-Gro	35K73	**50.1**	15	**52.5**	10/21	41	2.0	.	.	1.0
Public Variety	Santee	**49.9**	5	**57.1**	10/23	40	2.3	.	.	1.0
UGA	G05-4237RR	**49.3**	14	**52.7**	10/26	37	1.3	.	.	1.0
UGA	G04-2215RR	**48.9**	9	**54.9**	10/26	33	1.3	.	.	1.0
Dyna-Gro	V76N9RR	**48.5**	19[T]	**51.3**	10/25	35	2.3	.	.	1.3
Public Variety	Motte	**48.4**	20[T]	**49.6**	10/26	38	2.7	.	.	1.0
NK	S79-B9 Brand	**48.3**	23	**47.9**	10/23	40	1.7	.	.	1.0
UGA	G06-2507RR	**48.2**	7[T]	**55.7**	10/25	38	1.0	.	.	1.0
SC	SC01-803	**47.3**	18	**51.5**	10/25	37	1.7	.	.	1.0
UGA	G07-1185RR	**46.9**	26	46.7	10/26	28	1.3	.	.	1.0
Asgrow	AG7231	**45.8**	30	45.2	10/24	33	2.0	.	.	1.0
UGA	G04-1618RR	**44.9**	20[T]	**49.6**	10/23	33	2.3	.	.	1.0
USG	77S40R2	**43.9**	37	41.6	10/23	27	1.0	.	.	1.0
Progeny	P 7310 RY	**43.8**	36	41.7	10/25	28	1.0	.	.	1.0
UGA	G03-1187RR	**43.7**	40	36.4	10/24	29	1.0	.	.	1.0
Pioneer	97M50	**41.9**	35	43.5	10/23	33	1.7	.	.	1.0
AGSouth	AGS Prichard RR	**40.1**	34	43.6	10/26	36	2.7	.	.	1.0
USG	7732nRR	**40.0**	32	44.7	10/23	38	2.3	.	.	1.3
SS	RT7999N	**37.7**	38	37.0	10/24	35	1.7	.	.	1.0
SS	RT7270N	**35.7**	41	31.9	10/22	33	1.7	.	.	1.0
Asgrow	AG7532	.	2	**59.5**	10/22	33	2.0	.	.	1.0
Croplan Genetics	R2C7390	.	3	**58.7**	10/24	34	1.7	.	.	1.0
NK	S78-G6	.	7[T]	**55.7**	10/24	40	2.3	.	.	1.0
Dyna-Gro	34RY75	.	8	**55.3**	10/24	35	1.7	.	.	1.0
Public Variety	Musen	.	10	**54.3**	10/20	39	1.7	.	.	1.0
Croplan Genetics	1R2C76	.	11	**54.1**	10/24	36	1.7	.	.	1.0
UGA	G09PR-54378R2	.	13	**52.9**	10/21	34	1.7	.	.	1.0
UGA	G07-3557RR	.	16[T]	**52.2**	10/27	39	2.7	.	.	1.0
UGA	G07-1366RR	.	16[T]	**52.2**	10/20	36	1.7	.	.	1.0
Public Variety	Cook	.	17	**51.8**	10/25	39	2.3	.	.	1.0
UGA	G07-3839RR	.	19[T]	**51.3**	10/25	35	1.0	.	.	1.0
Croplan Genetics	1R2C75	.	21	**48.3**	10/23	34	2.0	.	.	1.0
SS	SS7511NR2	.	22	**48.0**	11/25	33	2.0	.	.	1.0
UGA	G07-2879RR	.	24	47.2	10/26	37	1.3	.	.	1.0
UGA	G09PR-54326R2	.	25	47.1	10/19	37	1.3	.	.	1.0
UGA	G07-3192RR	.	27	46.2	10/17	35	1.0	.	.	1.7

Plains, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VII and VIII - continued										
AGSouth	AGS758RR	.	28	45.6	10/23	37	2.3	.	.	1.3
UGA	G07-3651RR	.	29	45.5	10/20	37	1.7	.	.	1.0
SC	SC04-375	.	31[T]	44.8	10/23	31	1.3	.	.	1.0
UGA	G07-1285RR	.	31[T]	44.8	10/25	36	1.3	.	.	1.0
UGA	G07-3496RR	.	33[T]	44.3	10/29	36	2.0	.	.	1.0
UGA	G09PR-54329R2	.	33[T]	44.3	10/19	35	1.0	.	.	1.7
UGA	G09PR-54362R2	.	39	36.8	10/24	31	1.3	.	.	1.0
Average		46.3		49.0[8]	10/24	35	1.7	.	.	1.1
LSD at 10% Level		N.S.		12.2	N.S.	5	0.8			0.3
Std. Err. of Entry Mean		7.6		5.2	05	2	0.3			0.1

* 2010-2011.

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 33.4% and df for EMS = 68.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 20.8% and df for EMS = 46.
8. CV = 18.3% and df for EMS = 92.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted:	June 1, 2011.
Harvested:	October 24, 2011.
Seeding Rate:	Eight seeds per foot in 30" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = Medium, K = High, and pH = 6.3.
Fertilization:	28 lb N, 80 lb P_2O_5, and 80 lb K_2O/acre.
Previous Crop:	Corn.
Management:	Disked, bedded and rototilled; Reflex, Prowl and Classic used for weed control; Mustang Mix used for insect control; irrigated 12 inches.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Plains, Georgia:
Late-Planted Soybean Variety Performance, 2011, Irrigated

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre		bu/acre	date	in	rating	gm	rating	rating
Maturity Group VII and VIII										
Public Variety	Santee	**46.8**	12[T]	**44.3**	10/25	34	2.7	.	.	1.0
UGA	G06-3182RR	**46.3**	4	**47.1**	10/24	27	2.0	.	.	1.0
SC	SC03-062	**45.8**	1	**51.0**	10/28	29	2.3	.	.	1.3
Dyna-Gro	V76N9RR	**45.4**	15	**43.7**	10/26	24	1.7	.	.	1.3
Dyna-Gro	35K73	**42.9**	9	**44.9**	10/25	30	1.3	.	.	1.0
NK	S79-B9 Brand	**42.8**	16	**43.6**	10/25	28	2.3	.	.	1.3
UGA	G06-2507RR	**42.4**	12[T]	**44.3**	10/25	26	1.7	.	.	1.0
UGA	G04-2215RR	**42.0**	21	**42.2**	10/24	27	1.3	.	.	1.0
UGA	G04-1618RR	**41.5**	23	**42.0**	10/24	30	1.7	.	.	1.0
Public Variety	NC Raleigh	**41.0**	26[T]	41.4	10/24	24	1.7	.	.	1.7
UGA	G03-1187RR	**40.7**	34	37.4	10/24	24	1.7	.	.	1.3
Public Variety	Motte	**40.4**	29	39.2	10/25	34	3.0	.	.	1.0
UGA	G05-4237RR	**39.7**	24	41.7	10/26	29	1.7	.	.	1.0
AGSouth	AGS Prichard RR	**39.1**	18	**43.1**	10/29	30	2.0	.	.	1.0
UGA	G07-1185RR	**39.1**	37	35.0	10/27	27	1.0	.	.	1.0
USG	77S40R2	**39.0**	27	40.6	.	23	1.7	.	.	1.0
Pioneer	97M50	**39.0**	30	39.1	10/24	31	1.7	.	.	1.3
Progeny	P 7310 RY	**38.8**	14	**43.8**	10/25	23	1.3	.	.	1.0
AGSouth	AGS Woodruff	**38.5**	33	37.5	10/27	23	1.7	.	.	1.0
Asgrow	AG7231	**38.5**	38	31.8	10/25	24	2.0	.	.	1.0
SC	SC01-803	**37.4**	25[T]	41.6	10/25	33	1.7	.	.	1.0
SS	RT7999N	**36.7**	25[T]	41.6	10/27	31	1.3	.	.	1.3
USG	7732nRR	**34.7**	39	31.7	10/24	29	3.0	.	.	1.0
SS	RT7270N	**31.2**	41	29.5	10/23	27	2.0	.	.	1.7
UGA	G07-1366RR	.	2	**49.4**	10/22	32	2.0	.	.	1.0
UGA	G07-3557RR	.	3	**48.3**	10/30	35	2.3	.	.	1.0
UGA	G09PR-54326R2	.	5	**46.3**	10/17	30	1.7	.	.	1.0
UGA	G07-3651RR	.	6	**46.1**	10/20	33	2.0	.	.	1.0
UGA	G07-3839RR	.	7	**45.6**	10/25	30	1.0	.	.	1.0
Croplan Genetics	1R2C76	.	8	**45.1**	10/25	26	2.3	.	.	1.0
UGA	G07-2879RR	.	10	**44.5**	10/27	31	1.3	.	.	1.0
Croplan Genetics	R2C7390	.	11	**44.4**	10/24	25	2.3	.	.	1.0
UGA	G07-3496RR	.	13	**44.2**	10/26	31	1.3	.	.	1.0
Croplan Genetics	1R2C75	.	17	**43.3**	10/24	29	2.7	.	.	1.0
UGA	G07-1285RR	.	19	**42.6**	10/26	33	1.3	.	.	1.0
AGSouth	AGS758RR	.	20	**42.5**	10/23	28	2.3	.	.	1.0
Public Variety	Musen	.	22	**42.1**	10/18	31	1.3	.	.	1.0
UGA	G09PR-54362R2	.	25[T]	41.6	10/24	31	1.7	.	.	1.0
NK	S78-G6	.	26[T]	41.4	10/25	28	2.0	.	.	1.0
UGA	G07-3192RR	.	28[T]	39.6	10/21	29	2.0	.	.	2.0

Plains, Georgia:
Late-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre		bu/acre	date	in	rating	gm	rating	rating
Maturity Group VII and VIII - continued										
Dyna-Gro	34RY75	.	28[T]	39.6	10/25	27	2.0	.	.	1.0
Public Variety	Cook	.	31	38.5	10/25	33	2.7	.	.	1.0
UGA	G09PR-54378R2	.	32[T]	37.8	10/22	30	1.7	.	.	1.7
SC	SC04-375	.	32[T]	37.8	10/22	27	2.0	.	.	2.0
UGA	G09PR-54329R2	.	35	37.0	10/20	29	1.7	.	.	1.7
Asgrow	AG7532	.	36	36.5	10/24	27	1.7	.	.	1.0
SS	SS7511NR2	.	40	31.5	10/25	26	2.0	.	.	1.0
Average		40.4		41.4 [5]	10/24	29	1.9	.	.	1.1
LSD at 10% Level		N.S.[6]		9.2	02	4	0.8			0.3
Std. Err. of Entry Mean		2.4		3.9	01	2	0.3			0.2

* 2010-2011.

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 16.5% and df for EMS = 92.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: July 19, 2011.
Harvested: November 8, 2011.
Seeding Rate: Eight seeds per foot in 30" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.3.
Fertilization: 28 lb N, 80 lb P_2O_5, and 80 lb K_2O/acre.
Previous Crop: Corn.
Management: Disked, bedded, and rototilled; Reflex, Prowl, Basagran and Classic used for weed control; Mustang Max used for insect control; irrigated 6 inches.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Midville, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre		bu/acre	date	in	rating	gm	rating	rating
Maturity Group V										
SS	RT5160N	**66.5**	2	**73.9**	09/24	39	1.7	16.1	2.2	1.7
SS	LL511N	**64.2**	8[T]	68.7	09/24	29	1.0	15.8	2.3	1.3
Public Variety	Osage	**62.9**	8[T]	68.7	09/23	33	1.0	15.0	2.5	2.0
Terral-REV™	57R21™	**61.6**	22	61.4	09/27	40	2.7	14.8	3.0	1.0
Terral-REV™	56R21™	**61.0**	13	64.9	09/24	35	2.0	15.7	2.2	1.3
SS	LL595N	**60.5**	11[T]	65.7	09/25	41	1.3	14.6	2.3	2.0
Progeny	P 5610 RY	**60.4**	14	64.3	09/21	35	1.7	17.7	2.5	1.3
Public Variety	Ozark	**59.8**	7	69.1	09/23	33	2.0	16.5	2.2	1.0
AGSouth	AGS 568RR	56.8	21	61.9	09/23	38	1.3	15.9	2.0	1.7
Pioneer	95Y20	55.9	26[T]	57.7	09/20	33	1.0	15.1	2.2	1.7
Pioneer	95Y70	55.4	18	62.3	09/21	41	3.3	14.1	1.7	1.0
SS	RT5960N	53.2	28	53.3	09/27	37	1.7	16.2	2.8	1.7
SS	RT5760N	52.4	20	62.0	09/25	38	2.0	15.7	2.3	1.0
SS	RT5471N	51.2	29	52.0	09/27	29	1.7	15.4	2.0	1.7
Progeny	P 5711 RY	.	1	**79.8**	09/27	33	2.3	18.0	2.2	1.0
Terral-REV™	56R63™	.	3	**72.6**	09/27	37	3.0	16.8	2.0	1.0
NK	S57-K3 Brand	.	4[T]	71.8	09/29	37	2.0	15.9	2.3	1.0
Dyna-Gro	39RY57	.	4[T]	71.8	09/24	35	2.0	17.3	2.0	1.0
A.M. Bickley	AMB 59LL	.	5	70.9	09/24	38	1.0	14.9	1.8	1.0
GoSoy	5911LL	.	6	70.1	09/23	36	1.0	14.8	1.8	1.0
Pioneer	95Y71	.	9	67.9	09/11	35	1.7	15.0	1.8	1.0
Croplan Genetics	R2C5820	.	10	66.8	09/26	35	1.7	17.9	2.2	1.0
AGSouth	AGS597RR	.	11[T]	65.7	09/24	36	2.3	16.6	1.8	1.0
Progeny	P 5655 RY	.	12	65.3	09/23	40	1.7	15.6	2.0	1.0
SS	LL540N	.	15	63.6	09/10	34	2.0	14.3	2.0	1.3
AGSouth	AGS5911LL	.	16	63.3	09/22	35	1.3	14.4	2.0	1.0
SS	SS5511NR2	.	17	62.6	09/22	35	2.0	18.0	2.2	1.3
USG	Allen RR	.	19	62.2	09/27	35	2.0	14.9	1.8	1.0
SS	RT5930N	.	23	61.2	09/27	39	2.3	15.4	2.2	1.0
VT	Glenn	.	24	59.6	09/26	26	1.0	17.3	2.5	1.7
SS	SS LL590N	.	25[T]	58.2	09/15	33	1.7	15.8	2.5	2.0
Progeny	P 5811 RY	.	25[T]	58.2	09/22	39	2.7	14.3	2.0	1.3
SS	SS Exp. 5112R2	.	26[T]	57.7	09/16	35	1.0	14.6	3.0	1.7
Asgrow	AG5832	.	27	54.5	09/28	55	3.3	15.4	2.5	1.7
SS	SS5510NR2	.	30	43.4	09/26	53	3.0	14.1	3.3	1.0
Average		58.7		63.8[5]	09/23	37	1.9	15.7	2.2	1.3
LSD at 10% Level		7.8		7.9	04	4	0.5	1.1	0.4	N.S.[6]
Std. Err. of Entry Mean		1.7		3.4	02	2	0.2	0.5	0.2	0.2

Midville, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VI										
AR	R04-342	**64.8**	1	**74.2**	09/28	28	1.7	19.4	2.3	1.3
SS	RT6207N	**60.0**	12	64.5	10/04	36	3.0	14.7	2.2	1.0
Public Variety	NC Roy	**59.5**	6	**68.2**	10/08	38	2.3	14.4	1.5	1.0
USG	620nRR	**59.1**	2	**70.1**	09/26	42	2.7	15.5	2.2	1.0
UGA	G06-2460RR	58.9	10	**66.4**	09/29	37	1.0	14.6	2.0	1.0
SS	RT6988N	57.2	8	**67.1**	10/06	40	1.7	16.0	1.5	1.0
Dyna-Gro	V61N9RR	56.5	15	62.9	10/01	37	2.0	17.0	2.0	1.3
Progeny	P 6710 RY	53.7	21	57.9	10/12	43	2.3	14.5	2.2	1.0
SS	SS 6810NR2	53.6	11	**64.7**	10/11	43	2.3	15.2	2.0	1.0
USG	76S90R2	52.4	18	61.0	10/19	45	2.0	16.9	1.8	1.0
UGA	G05-1102RR	51.6	20	59.3	10/07	41	1.7	15.0	2.2	1.0
Asgrow	AG6931	51.2	19	59.5	10/15	46	2.3	18.8	2.2	1.0
SS	RT6451N	49.1	17	61.4	10/09	43	2.0	15.3	2.0	1.0
Dyna-Gro	36RY68	47.3	23	53.8	10/16	43	1.7	17.3	1.7	1.0
Public Variety	Musen	46.0	22	55.7	10/05	45	2.7	13.9	1.7	1.0
SS	SS Exp. 6911NR2	.	3	**69.8**	10/12	43	1.7	16.5	2.0	1.0
USG	76G10L	.	4	**68.9**	09/21	33	2.0	17.2	2.0	1.3
GoSoy	6111LL	.	5	**68.3**	09/22	35	2.0	18.4	2.3	2.0
A.M. Bickley	AMB 60LL	.	7	**67.3**	09/17	31	1.7	16.5	2.3	1.7
AGSouth	AGS6011LL	.	9	**66.5**	09/27	33	2.0	17.5	2.5	1.3
NK	S61-Q2	.	13	63.8	09/26	43	2.7	17.2	2.2	1.0
Croplan Genetics	R2C6810	.	14	63.2	10/12	43	1.7	15.8	1.8	1.0
Asgrow	AG6132	.	16	61.9	10/09	47	2.0	16.2	2.2	1.0
Asgrow	AG6732	.	24	49.5	10/09	41	1.3	14.6	2.2	1.0
Average		54.7		63.6 [7]	10/04	40	2.0	16.2	2.0	1.1
LSD at 10% Level		5.8		9.5	04	4	0.8	1.5	0.3	0.4
Std. Err. of Entry Mean		2.3		4.0	02	1	0.3	0.6	0.1	0.2

Midville, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VII and VIII										
Progeny	P 7310 RY	**61.0**	1	**68.0**	10/11	36	1.0	19.3	1.8	1.0
USG	77S40R2	54.0	8	**60.7**	10/13	39	1.0	16.0	1.8	1.0
Dyna-Gro	V76N9RR	53.4	7	**60.9**	10/20	39	2.3	16.4	1.7	1.0
UGA	G04-1618RR	51.2	3	**62.2**	10/17	37	2.3	15.8	1.7	1.0
SS	RT7270N	51.2	26[T]	54.2	10/17	42	2.0	14.5	2.2	1.0
Asgrow	AG7231	50.3	15	57.4	10/14	30	1.0	17.9	1.7	1.0
UGA	G06-3182RR	48.9	18	56.0	10/12	38	2.0	13.7	1.5	1.0
USG	7732nRR	48.8	9	**60.6**	10/17	43	3.0	17.3	1.5	1.0
Dyna-Gro	35K73	48.8	29	53.7	10/14	43	2.0	15.6	1.8	1.3
Public Variety	Motte	48.6	17	56.1	10/20	45	2.7	15.3	2.3	1.0
Public Variety	Santee	48.5	23	55.0	10/19	47	2.0	17.7	1.7	1.3
Public Variety	NC Raleigh	48.3	19	55.6	10/19	38	2.7	14.1	1.8	1.0
Pioneer	97M50	48.1	25	54.3	10/15	42	3.0	14.6	1.7	1.0
UGA	G04-2215RR	47.3	28	53.8	10/15	40	1.7	13.7	1.7	1.0
UGA	G03-1187RR	46.9	26[T]	54.2	10/13	41	2.0	15.7	1.5	1.0
NK	S79-B9 Brand	46.7	27	54.0	10/14	44	2.3	17.1	1.7	1.0
SC	SC03-062	45.9	30[T]	53.2	10/21	42	2.3	16.0	2.0	1.3
AGSouth	AGS Woodruff	45.4	13[T]	59.0	10/20	40	1.7	16.5	1.7	1.0
SS	RT7999N	41.7	38	46.1	10/15	48	1.7	15.6	1.8	1.0
UGA	G07-1185RR	40.1	30[T]	53.2	10/23	44	2.0	13.5	2.3	1.0
UGA	G06-2507RR	39.6	31	50.9	10/19	41	1.3	16.1	1.8	1.0
UGA	G05-4237RR	38.9	41	43.8	10/22	40	2.0	16.3	1.8	1.0
SC	SC01-803	37.7	35	47.3	10/22	46	1.3	17.2	1.5	1.0
AGSouth	AGS Prichard RR	32.6	42	39.6	10/24	38	3.3	15.2	2.7	1.0
SC	SC04-375	.	2	**62.8**	10/19	41	2.0	17.1	2.0	1.0
Public Variety	Cook	.	4	**61.8**	10/20	42	3.0	16.3	2.0	1.0
UGA	G09PR-54378R2	.	5	**61.2**	10/15	45	2.0	14.4	1.5	1.0
Dyna-Gro	34RY75	.	6	**61.1**	10/15	41	1.0	15.8	1.7	1.0
UGA	G09PR-54362R2	.	10	**59.7**	10/18	45	1.3	15.8	1.5	1.0
Public Variety	Musen	.	11	**59.6**	10/14	42	2.0	15.8	1.7	1.0
Croplan Genetics	R2C7390	.	12	59.4	10/15	37	1.3	19.2	2.0	1.0
UGA	G07-3651RR	.	13[T]	59.0	10/14	45	2.7	14.0	1.7	1.0
Croplan Genetics	1R2C76	.	14	57.9	10/19	42	2.0	16.7	1.7	1.0
NK	S78-G6	.	16	57.3	10/17	49	2.0	18.8	2.0	1.0
UGA	G07-3557RR	.	20	55.4	10/23	47	2.7	17.6	2.0	1.0
Asgrow	AG7532	.	21	55.2	10/19	37	2.3	17.5	2.0	1.0
AGSouth	AGS758RR	.	22	55.1	10/15	41	2.3	15.4	1.8	1.0
UGA	G09PR-54329R2	.	24	54.5	10/14	40	1.3	15.6	1.7	1.0
UGA	G09PR-54326R2	.	26[T]	54.2	10/13	43	1.0	14.6	1.7	1.3
UGA	G07-2879RR	.	32	50.8	10/19	40	2.0	16.7	1.7	1.0

Midville, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VII and VIII - continued										
UGA	G07-3496RR	.	33	50.7	10/19	43	2.0	17.1	1.7	1.0
UGA	G07-3839RR	.	34	50.4	10/17	43	1.3	18.6	1.7	1.0
Croplan Genetics	1R2C75	.	36	47.2	10/21	37	2.0	18.3	2.0	1.0
SS	SS7511NR2	.	37[T]	46.7	10/21	40	2.3	19.2	1.8	1.0
UGA	G07-3192RR	.	37[T]	46.7	10/11	41	1.3	14.8	1.8	1.0
UGA	G07-1285RR	.	39	44.8	10/16	45	1.0	18.0	1.7	1.0
UGA	G07-1366RR	.	40	43.9	10/13	45	2.0	13.8	1.5	1.0
Average		46.8		54.6 [8]	10/17	42	2.0	16.2	1.8	1
LSD at 10% Level		6.5		8.4	01	4	0.8	1.5	0.3	N.S.
Std. Err. of Entry Mean		2.3		3.6	01	2	0.3	0.6	0.1	0.1

* 2010-2011.

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 9.0% and df for EMS = 68.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 11.0% and df for EMS = 46.
8. CV = 11.4% and df for EMS = 92.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 12, 2011.
Harvested: October 25, 2011.
Seeding Rate: Eight seeds per foot in 30" rows.
Soil Type: Tifton sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.3.
Fertilization: 25 lb N, 50 lb P_2O_5, and 60 lb K_2O/acre.
Previous Crop: Cotton.
Management: Disked, subsoiled and bedded, rototilled; Acumen, Valor, Gramoxone, Reflex, Storm, Basagran and Select used for weed control; Steward, Discipline, Lorsban, Dimilin and Mustang Max used for insect control; Telone II used for nematode control; irrigated 16 inches.

Test conducted by A. Coy, R. Brooke, D. Dunn, K. Cobb and R. Milton.

Griffin, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre		bu/acre	date	in	rating	gm	rating	rating
Maturity Group V										
Pioneer	95Y20	**59.8**	8	62.5	09/23	41	1.8	14.0	1.5	1.0
Public Variety	Osage	**58.5**	7	63.4	09/21	34	1.0	15.2	1.5	1.0
Terral-REV™	56R21™	**57.8**	11	61.8	09/25	42	1.2	14.1	1.5	1.0
Public Variety	Ozark	**57.4**	5	**65.0**	09/21	40	1.0	17.4	1.5	1.0
Progeny	P 5610 RY	**57.3**	6	**64.7**	09/30	42	1.5	20.7	2.0	1.0
SS	LL511N	**56.4**	14[T]	60.2	09/24	30	1.0	15.4	1.5	1.0
AGSouth	AGS 568RR	**56.0**	19	58.6	09/30	44	1.0	15.8	1.5	1.0
Terral-REV™	57R21™	**53.2**	13	60.3	09/25	48	2.0	15.6	1.8	1.0
SS	RT5960N	52.2	22	57.5	10/04	46	1.8	17.9	1.5	1.0
SS	RT5160N	51.6	20	57.9	09/23	45	1.7	15.5	1.5	1.0
SS	RT5760N	51.3	10	62.1	10/06	40	1.5	16.5	1.5	1.0
SS	LL595N	48.0	27	55.2	09/29	45	1.0	16.1	1.5	1.0
SS	RT5471N	47.5	32	51.6	09/23	39	1.0	14.5	1.5	1.0
Pioneer	95Y70	47.2	34	46.6	10/03	42	2.2	16.6	1.5	1.0
Dyna-Gro	39RY57	.	1	**73.5**	09/26	41	1.7	18.6	1.7	1.0
Pioneer	95Y71	.	2	**68.9**	09/26	42	1.8	14.8	1.5	1.0
Progeny	P 5711 RY	.	3	**68.3**	09/25	41	2.0	17.7	1.5	1.0
VT	Glenn	.	4	**68.0**	09/21	36	1.0	18.7	2.2	1.0
Progeny	P 5811 RY	.	9	62.2	09/25	42	1.5	14.6	1.5	1.0
Croplan Genetics	R2C5820	.	12	61.5	09/28	43	1.0	20.2	1.8	1.0
USG	Allen RR	.	14[T]	60.2	10/05	43	1.2	15.7	1.5	1.0
SS	LL540N	.	15	59.7	09/22	39	1.2	14.8	1.5	1.0
SS	SS5511NR2	.	16	59.6	09/29	39	1.3	20.2	1.7	1.0
SS	SS Exp. 5112R2	.	17	59.2	09/18	41	14.3	15.0	1.5	1.0
SS	SS LL590N	.	18	59.1	09/22	42	1.2	15.9	1.5	1.0
Terral-REV™	56R63™	.	21	57.8	09/28	43	2.5	17.0	1.7	1.0
AGSouth	AGS5911LL	.	23	57.4	09/29	38	1.0	15.3	1.5	1.0
NK	S57-K3 Brand	.	24	57.0	10/06	40	1.7	16.5	1.5	1.0
AGSouth	AGS597RR	.	25	56.9	10/01	45	1.8	15.8	1.5	1.0
A.M. Bickley	AMB 59LL	.	26	55.7	09/27	43	1.0	15.6	1.5	1.0
Asgrow	AG5832	.	28	54.9	09/28	56	2.3	15.9	1.5	1.0
Progeny	P 5655 RY	.	29	53.5	09/23	50	1.7	13.8	1.5	1.0
GoSoy	5911LL	.	30	52.9	09/28	40	1.0	14.9	1.5	1.0
SS	SS5510NR2	.	31	52.3	09/25	55	1.2	16.2	1.7	1.0
SS	RT5930N	.	33	49.3	10/02	45	2.3	15.3	1.8	1.0
Average		53.9		59.3[5]	09/27	42	1.8	16.2	1.6	1.0
LSD at 10% Level		7.0		8.9	03	4	N.S.[6]	1.2	0.2	-
Std. Err. of Entry Mean		2.9		2.8	01	2	2.3	0.5	0.1	-

Griffin, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VI										
Public Variety	NC Roy	**62.5**	1	**64.2**	10/17	40	1.0	13.7	1.7	1.0
Asgrow	AG6931	**62.0**	3	**61.4**	10/19	40	1.3	16.4	2.0	1.0
AR	R04-342	**60.6**	2	**63.6**	09/27	37	1.0	16.9	1.5	1.0
USG	620nRR	**60.4**	5	**57.3**	10/06	42	1.2	14.1	1.5	1.0
Dyna-Gro	36RY68	**59.5**	6	**56.1**	10/17	41	1.0	14.7	1.7	1.0
USG	76S90R2	**57.4**	10	**51.5**	10/18	33	1.0	14.0	2.0	1.0
Dyna-Gro	V61N9RR	**55.7**	12	**50.0**	10/12	37	1.0	16.6	1.5	1.0
UGA	G06-2460RR	**55.1**	9[T]	**52.7**	10/10	36	1.0	13.9	1.5	1.0
UGA	G05-1102RR	**54.2**	8	**54.5**	10/17	42	1.0	14.5	1.7	1.0
Progeny	P 6710 RY	**54.0**	17	**47.9**	10/19	36	1.0	13.5	1.8	1.0
SS	RT6207N	**53.6**	18	**47.1**	10/11	34	1.0	12.9	1.5	1.0
SS	SS 6810NR2	**53.3**	20	**44.6**	10/18	33	1.0	12.7	2.2	1.0
SS	RT6988N	**52.8**	15	**48.5**	10/14	38	1.0	13.9	1.5	1.0
SS	RT6451N	**50.1**	9[T]	**52.7**	10/16	40	1.0	14.3	1.5	1.0
Public Variety	Musen	**49.4**	21	**43.4**	10/19	35	1.0	11.2	1.5	1.0
USG	76G10L	.	4	**58.2**	09/25	38	1.0	14.2	1.5	1.0
SS	SS Exp. 6911NR2	.	7	**55.7**	10/17	41	1.0	14.6	1.7	1.0
Asgrow	AG6732	.	11	**51.3**	10/18	41	1.0	12.7	2.0	1.0
NK	S61-Q2	.	13	**49.9**	10/06	41	1.2	15.3	1.5	1.0
GoSoy	6111LL	.	14	**49.8**	09/25	33	1.0	14.4	1.5	1.0
Asgrow	AG6132	.	16	**48.0**	10/18	38	1.0	14.2	1.8	1.0
Croplan Genetics	R2C6810	.	19[T]	**46.1**	10/18	33	1.0	13.7	1.8	1.0
AGSouth	AGS6011LL	.	19[T]	**46.1**	09/25	34	1.0	13.4	1.7	1.0
A.M. Bickley	AMB 60LL	.	22	**42.2**	09/26	29	1.0	13.3	1.5	1.0
Average		56.0		51.8[7]	10/11	37	1.0	14.1	1.7	1.0
LSD at 10% Level		N.S.		N.S.	03	6	N.S.	1.2	0.2	-
Std. Err. of Entry Mean		2.4		5.0	01	2	0.1	0.5	0.1	*

* 2010-2011.

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 11.0% and df for EMS = 68.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 8.7% and df for EMS = 46.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 18, 2011

Harvested: Maturity Group V - October 21, 2011.
Maturity Group VI - October 24, 2011.

Seeding Rate: Eight seeds per foot in 30" rows.

Soil Type: Appling coarse sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 5.8.

Fertilization: 30 lb N, 60 lb P_2O_5, and 90 lb K_2O/acre.

Previous Crop: Wheat.

Management: Chisle plowed, disked and rototilled; Treflan used for weed control; Karate used for insect control; irrigated 20 inches.

Test conducted by J. Gassett and G. Ware.

Griffin, Georgia:
Late-Planted Soybean Variety Performance, 2011, Irrigated

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre		bu/acre	date	in	rating	gm	rating	rating
Maturity Group VII and VIII										
UGA	G06-2507RR	**45.5**	18	32.3	10/28	37	1.0	14.4	1.5	1.0
Pioneer	97M50	**44.7**	10	34.8	11/02	36	1.0	15.7	1.7	1.0
Public Variety	Motte	**44.0**	14	33.5	11/01	37	1.0	14.8	1.7	1.0
Progeny	P 7310 RY	**42.8**	31	28.1	10/30	28	1.0	18.9	1.5	1.0
SC	SC03-062	**41.7**	19[T]	31.9	11/02	36	1.0	14.4	1.5	1.0
USG	7732nRR	**41.7**	38	25.9	11/02	37	1.0	16.3	1.5	1.0
AGSouth	AGS Woodruff	**41.4**	8	35.8	11/03	38	1.0	16.9	1.5	1.0
UGA	G07-1185RR	**40.9**	12	33.9	11/04	36	1.0	13.5	1.5	1.0
Asgrow	AG7231	**40.4**	9	35.1	11/02	36	1.0	17.7	1.8	1.0
Dyna-Gro	35K73	**40.3**	33	27.7	10/30	35	1.0	16.7	1.5	1.0
UGA	G04-2215RR	**40.1**	11	34.5	11/01	31	1.0	13.2	1.5	1.0
Public Variety	NC Raleigh	**39.6**	20	31.8	10/31	37	1.7	15.2	1.8	1.0
UGA	G05-4237RR	**39.6**	34[T]	27.6	11/03	31	1.2	15.3	1.5	1.0
Public Variety	Santee	**38.6**	13	33.8	10/30	39	1.0	16.6	1.5	1.0
UGA	G06-3182RR	**37.9**	6	**36.8**	11/01	34	1.0	15.4	1.5	1.0
NK	S79-B9 Brand	**37.0**	30	28.2	11/02	37	1.0	16.1	1.5	1.0
USG	77S40R2	**36.3**	32	27.9	11/02	28	1.0	15.5	1.5	1.0
UGA	G04-1618RR	**36.2**	40	24.1	11/03	31	1.2	13.7	1.5	1.0
Dyna-Gro	V76N9RR	**35.5**	22	31.2	11/03	37	1.0	14.7	1.5	1.0
SC	SC01-803	**34.5**	42	22.7	11/05	33	1.0	16.3	1.5	1.0
AGSouth	AGS Prichard RR	**34.4**	24	30.6	11/05	37	1.0	14.3	1.5	1.0
SS	RT7999N	**34.0**	16	33.0	11/01	35	1.0	16.2	1.7	1.0
UGA	G03-1187RR	**33.1**	36	27.1	11/04	35	1.2	15.5	1.5	1.0
SS	RT7270N	**33.1**	39	24.8	11/02	34	1.0	14.1	1.5	1.0
Croplan Genetics	1R2C76	.	1	**42.6**	10/28	39	1.0	16.4	1.5	1.0
UGA	G07-2879RR	.	2	**40.5**	10/31	38	1.0	16.4	1.5	1.0
Dyna-Gro	34RY75	.	3	**40.4**	10/28	34	1.2	15.2	1.5	1.0
Public Variety	Cook	.	4	**39.3**	10/30	41	1.0	17.4	1.5	1.0
UGA	G07-3557RR	.	5	**36.9**	11/04	40	1.0	19.5	1.5	1.0
Croplan Genetics	R2C7390	.	7	**36.5**	10/29	31	1.0	20.4	1.5	1.0
UGA	G07-3651RR	.	15	33.3	10/28	38	1.0	16.1	1.5	1.0
Croplan Genetics	1R2C75	.	17[T]	32.4	10/31	38	1.0	18.8	1.5	1.0
UGA	G07-3496RR	.	17[T]	32.4	10/31	38	1.0	17.5	1.5	1.0
NK	S78-G6	.	19[T]	31.9	11/01	37	1.0	18.9	1.7	1.0
UGA	G09PR-54378R2	.	21	31.6	11/03	38	1.0	13.4	1.5	1.0
UGA	G07-1366RR	.	23	30.7	11/02	34	1.0	15.7	1.5	1.0
UGA	G09PR-54362R2	.	25	30.3	10/31	38	1.0	14.2	1.8	1.0
AGSouth	AGS758RR	.	26	30.2	10/30	35	1.0	14.1	1.5	1.0
Asgrow	AG7532	.	27	29.1	11/01	32	1.0	17.2	1.5	1.0
UGA	G07-3839RR	.	28	28.9	11/03	36	1.2	16.8	1.5	1.0

Griffin, Georgia:
Late-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VII and VIII - continued										
UGA	G09PR-54329R2	.	29	28.7	11/01	32	1.0	15.4	1.5	1.0
SS	SS7511NR2	.	34[T]	27.6	11/04	36	1.0	18.9	1.5	1.0
UGA	G07-3192RR	.	35	27.5	10/30	31	1.0	13.9	1.5	1.0
UGA	G09PR-54326R2	.	37[T]	26.6	10/31	35	1.0	13.8	1.5	1.0
SC	SC04-375	.	37[T]	26.6	10/30	30	1.2	15.5	1.5	1.0
UGA	G07-1285RR	.	41	23.5	11/03	33	1.0	15.2	1.5	1.0
Public Variety	Musen	.	43	19.8	10/30	33	1.0	12.7	1.5	1.0
Average		38.9		31.1 [5]	11/01	35	1.0	15.8	1.5	1.0
LSD at 10% Level		N.S.[6]		6.6	03	4	0.4	1.1	0.2	-
Std. Err. of Entry Mean		7.0		2.8	01	2	0.1	0.1	0.1	-

* 2010-2011.

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 15.6% and df for EMS = 92.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: June 22, 2011.
Harvested: November 15, 2011.
Seeding Rate: Eight seeds per foot in 30" rows.
Soil Type: Pacolet coarse sandy loam.
Soil Test: P = High, K = High, and pH = 5,7.
Fertilization: 30 lb N, 60 lb P_2O_5, and 90 lb K_2O/acre.
Previous Crop: Corn.
Management: Chisel plowed, disked and rototilled; Treflan, Blazer and Classic used for weed control; Lorsban and Karate used for insect control; irrigated 15 inches.

Test conducted by J. Gassett and G. Ware.

Athens, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated

Company or Brand Name	Variety	2-Year Average Yield	2011 Data						
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]
		bu/acre		bu/acre	date	in	rating	gm	rating
Maturity Group V									
SS	RT5760N	**43.0**	1	**29.1**	10/14	22	1.0	14.1	2.1
Pioneer	95Y20	**40.3**	13	22.9	10/03	20	1.0	15.1	2.3
AGSouth	AGS 568RR	**39.8**	21[T]	21.2	10/01	20	1.0	15.3	1.7
SS	RT5160N	**39.5**	26[T]	19.8	10/05	21	1.0	14.5	2.7
SS	RT5471N	**39.4**	12	23.1	10/07	19	1.0	14.5	2.0
Public Variety	Ozark	**39.1**	11	23.6	09/30	21	1.0	14.4	2.0
SS	LL511N	**38.3**	18[T]	21.9	09/28	16	1.0	13.4	2.2
Progeny	P 5610 RY	**38.1**	10	23.8	09/29	21	1.0	15.3	2.3
Terral-REV™	57R21™	**37.7**	6	**24.8**	09/30	27	1.0	14.8	2.2
Public Variety	Osage	**37.0**	22	21.1	10/01	18	1.0	13.3	3.2
SS	LL595N	**35.5**	26[T]	19.8	10/14	22	1.0	14.1	2.7
Pioneer	95Y70	**35.4**	24	20.6	10/16	24	1.0	15.7	1.8
SS	RT5960N	**35.2**	27	19.2	10/14	23	1.0	15.6	3.5
Terral-REV™	56R21™	**35.1**	16	22.3	09/29	22	1.0	14.4	2.2
AGSouth	AGS597RR	.	2	**28.8**	10/04	23	1.0	15.2	1.8
SS	SS LL590N	.	3	**27.5**	10/02	21	1.0	15.4	2.7
Pioneer	95Y71	.	4	**27.3**	10/06	23	1.0	14.6	2.0
Progeny	P 5711 RY	.	5	**25.4**	10/04	22	1.0	16.4	2.0
SS	SS Exp. 5112R2	.	7	24.6	10/09	21	1.0	12.4	3.2
Progeny	P 5655 RY	.	8	24.4	10/02	24	1.0	14.3	2.7
NK	S57-K3 Brand	.	9	24.1	10/16	21	1.0	15.5	2.5
USG	Allen RR	.	14	22.8	10/11	23	1.0	13.5	2.3
SS	RT5930N	.	15	22.4	10/10	22	1.0	14.5	2.2
Asgrow	AG5832	.	17	22.2	10/05	23	1.0	14.1	2.3
SS	SS5511NR2	.	18[T]	21.9	09/30	21	1.0	15.1	2.2
SS	LL540N	.	19[T]	21.6	10/05	19	1.0	15.2	2.3
Terral-REV™	56R63™	.	19[T]	21.6	10/09	24	1.0	16.6	2.3
A.M. Bickley	AMB 59LL	.	20	21.3	10/10	21	1.0	14.4	2.0
GoSoy	5911LL	.	21[T]	21.2	10/07	22	1.0	13.8	1.8
Croplan Genetics	R2C5820	.	23	20.7	09/28	21	1.0	15.4	2.2
AGSouth	AGS5911LL	.	25	20.3	10/05	21	1.0	13.7	2.3
Dyna-Gro	39RY57	.	28	19.0	10/08	22	1.0	15.9	2.0
Progeny	P 5811 RY	.	29	18.0	09/30	20	1.0	13.3	2.3
VT	Glenn	.	30	17.3	09/26	16	1.0	12.4	1.8
SS	SS5510NR2	.	31	15.3	09/25	18	1.0	13.3	2.2
Average		38.1		22.3[4]	10/05	21	1.0	14.6	2.3
LSD at 10% Level		N.S.[5]		4.3	06	2	-	1.2	0.4
Std. Err. of Entry Mean		1.5		1.8	02	1	-	0.5	0.2

Athens, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2011 Data						
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]
		bu/acre		bu/acre	date	in	rating	gm	rating
Maturity Group VI									
SS	RT6451N	**40.1**	1	**26.8**	10/16	26	1.0	13.1	1.7
AR	R04-342	**39.8**	5	22.3	09/28	24	1.0	16.1	2.2
Asgrow	AG6931	**39.6**	2	**26.1**	10/30	30	1.0	17.1	1.8
UGA	G05-1102RR	**38.4**	8	21.4	10/17	25	1.0	15.0	1.8
Public Variety	NC Roy	**38.1**	3	**23.2**	10/23	26	1.0	11.9	1.5
UGA	G06-2460RR	**37.8**	11	20.5	10/12	24	1.0	15.0	1.7
Dyna-Gro	V61N9RR	**37.0**	13	19.9	10/12	20	1.0	15.0	2.0
Dyna-Gro	36RY68	**36.8**	4	**22.9**	10/27	26	1.0	14.5	1.7
USG	620nRR	**36.8**	15	18.2	10/08	29	1.0	15.1	2.3
SS	RT6207N	**36.5**	18	17.1	10/04	23	1.0	12.9	1.7
Progeny	P 6710 RY	**35.3**	9	20.9	10/23	27	1.0	13.5	1.8
USG	76S90R2	**35.1**	12	20.2	10/26	27	1.0	14.0	1.7
SS	SS 6810NR2	**33.9**	14[T]	18.8	10/26	26	1.0	14.2	1.7
Public Variety	Musen	**31.9**	7	22.0	10/25	31	1.0	11.7	1.8
SS	RT6988N	**28.8**	20	16.1	10/17	26	1.0	17.5	2.2
Asgrow	AG6732	.	6	22.1	10/24	27	1.3	14.2	1.8
Croplan Genetics	R2C6810	.	10	20.8	10/25	26	1.0	13.7	1.8
Asgrow	AG6132	.	14[T]	18.8	10/23	30	1.0	14.2	2.5
USG	76G10L	.	16	17.9	09/25	21	1.0	14.8	2.7
SS	SS Exp. 6911NR2	.	17	17.2	10/21	25	1.0	14.2	1.5
A.M. Bickley	AMB 60LL	.	19	16.5	09/27	25	1.0	14.6	2.7
AGSouth	AGS6011LL	.	21	15.6	09/26	22	1.0	14.2	2.3
GoSoy	6111LL	.	22	12.8	09/25	22	1.0	14.0	2.3
NK	S61-Q2	.	23	10.9	10/06	22	1.0	14.9	2.3
Average		36.4		19.5 [6]	10/14	25	1.0	14.4	2.0
LSD at 10% Level		N.S.		3.9	04	3	N.S.	0.8	0.4
Std. Err. of Entry Mean		1.5		1.6	02	1	0.1	0.4	0.2

Athens, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data						
			Rank	Yield[1]	Maturity	Plant Ht	Lodging[2]	Wt of 100 Seed	Seed Quality[3]
				bu/acre	date	in	rating	gm	rating
Maturity Groups VII and VIII									
Progeny	P 7310 RY	**44.6**	3	**30.9**	10/28	24	1.0	18.1	1.5
AGSouth	AGS Woodruff	**43.4**	4[T]	**30.5**	11/07	28	1.0	16.9	1.5
Asgrow	AG7231	**42.9**	8[T]	**29.3**	10/30	25	1.0	16.1	1.5
UGA	G07-1185RR	**42.8**	9[T]	**29.1**	11/11	28	1.0	13.7	1.5
UGA	G06-2507RR	**42.0**	10	**28.4**	11/04	25	1.0	14.7	1.5
NK	S79-B9 Brand	**41.9**	13	**27.6**	11/02	36	1.0	15.7	1.5
Dyna-Gro	35K73	**41.5**	21[T]	25.9	10/31	29	1.0	16.7	1.5
UGA	G04-1618RR	**41.2**	16	**27.0**	10/30	27	1.0	12.9	1.5
Public Variety	Santee	**41.0**	9[T]	**29.1**	10/31	30	1.0	14.0	1.5
Public Variety	Motte	**40.4**	6	**29.9**	11/02	30	1.0	14.6	1.5
SS	RT7270N	**40.4**	26	24.3	10/29	27	1.0	14.4	1.5
UGA	G03-1187RR	**39.9**	27	24.2	10/31	28	1.0	14.8	1.5
Dyna-Gro	V76N9RR	**39.8**	7	**29.4**	10/31	33	1.0	14.3	1.5
USG	77S40R2	**39.7**	38	18.7	10/30	23	1.0	14.5	1.5
UGA	G04-2215RR	**39.6**	37[T]	20.3	11/02	22	1.0	11.7	1.5
Public Variety	NC Raleigh	**39.3**	19	**26.5**	10/30	29	1.0	13.8	1.5
UGA	G05-4237RR	**39.3**	32	23.4	11/01	26	1.0	13.6	1.5
USG	7732nRR	**38.1**	18[T]	**26.6**	10/30	29	1.0	15.2	1.5
SC	SC01-803	**37.8**	25[T]	24.7	11/06	31	1.0	16.3	1.5
AGSouth	AGS Prichard RR	**37.5**	31	23.7	11/04	31	1.0	12.7	1.5
SC	SC03-062	**37.2**	14	**27.4**	11/05	27	1.0	14.1	1.5
UGA	G06-3182RR	**36.5**	35	21.0	10/31	24	1.0	14.0	1.5
SS	RT7999N	**35.8**	34[T]	22.5	11/04	28	1.0	14.9	1.5
Pioneer	97M50	**34.8**	28	24.1	11/03	27	1.0	15.0	1.5
Dyna-Gro	34RY75	.	1	**32.7**	10/31	32	1.0	15.5	1.5
UGA	G07-3839RR	.	2	**31.1**	11/02	27	1.0	17.7	1.5
SC	SC04-375	.	4[T]	**30.5**	10/31	27	1.0	14.9	1.5
Public Variety	Cook	.	5	**30.0**	11/01	30	1.0	16.6	1.7
UGA	G09PR-54378R2	.	8[T]	**29.3**	10/31	33	1.0	13.2	1.5
UGA	G07-1366RR	.	11	**28.1**	11/02	29	1.0	15.7	1.5
SS	SS7511NR2	.	12	**27.8**	10/26	27	1.0	16.8	1.5
UGA	G07-3557RR	.	15	**27.3**	11/11	32	1.0	17.3	1.5
Asgrow	AG7532	.	17	**26.9**	10/30	28	1.0	16.2	1.5
Croplan Genetics	1R2C76	.	18[T]	**26.6**	11/02	28	1.0	15.8	1.5
UGA	G07-3651RR	.	20	26.0	10/30	28	1.0	13.7	1.5
UGA	G07-3496RR	.	21[T]	25.9	11/04	26	1.0	16.0	1.5
Public Variety	Musen	.	22	25.5	10/27	31	1.0	12.1	1.5
Croplan Genetics	1R2C75	.	23	25.1	10/25	28	1.0	16.2	1.5
AGSouth	AGS758RR	.	24	25.0	10/30	28	1.0	13.3	1.5
Croplan Genetics	R2C7390	.	25[T]	24.7	10/29	24	1.0	17.4	1.5

Athens, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2011 Data						
			Rank	Yield[1]	Maturity	Plant Ht	Lodging[2]	Wt of 100 Seed	Seed Quality[3]
				bu/acre	date	in	rating	gm	rating
Maturity Groups VII and VIII - continued									
UGA	G09PR-54362R2	.	29	23.9	10/31	30	1.0	13.7	1.5
UGA	G07-1285RR	.	30	23.8	11/05	27	1.0	15.9	1.5
UGA	G09PR-54326R2	.	33	23.3	10/29	28	1.0	12.3	1.5
UGA	G09PR-54329R2	.	34[T]	22.5	10/28	28	1.0	14.6	1.5
UGA	G07-2879RR	.	36	20.8	11/08	26	1.0	14.6	1.5
NK	S78-G6	.	37[T]	20.3	11/05	27	1.0	17.2	1.5
UGA	G07-3192RR	.	39	14.5	10/31	25	1.0	11.7	1.5
Average		39.9		25.9 [7]	11/01	28	1.0	14.9	1.5
LSD at 10% Level		N.S.		6.4	03	2	-	1.3	N.S.
Std. Err. of Entry Mean		2.0		2.7	01	1	-	0.6	0.1

* 2010-2011

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. CV = 14.1% and df for EMS = 68.
5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
6. CV = 14.6% and df for EMS = 46.
7. CV = 18.1% and df for EMS = 92.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 31, 2011.

Harvested: Maturity Group V - October 24, 2011.
Maturity Group VI - October 31, 2011.
Maturity Group VII & VIII - November 18, 2011.

Seeding Rate: Eight seeds per foot in 30" rows.

Soil Type: Cecil coarse sandy loam.

Soil Test: Maturity Group V - P = High, K = Medium, and pH = 6.3.
Maturity Group VI - P = Medium, K = High, and pH = 6.6.
Maturity Group VII & VIII - P = High, K = Medium, and pH = 6.3.

Fertilization: 14 lb N, 52 lb P_2O_5, and 105 lb K_2O/acre.

Previous Crop: Grain sorghum.

Management: Chisel plowed and disked; Valor XLT, Prowl and one cultivation used for weed control; Endigo used for insect control; Telone II used for nematode control; irrigated 6 inches.

Test conducted by E.D. Wood, G.E. Bishop, S.L. Finnerty, W.E. Baxter, H.B. Chambers, C.T. Collins, H.J. Yeomans, R.B. Baerne, and J.J. Griffin.

Calhoun, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre		bu/acre	date	in	rating	gm	rating	rating
Maturity Group V										
Pioneer	95Y70	**37.3**	1	**39.5**	10/11	42	1.2	15.4	1.7	1.0
SS	RT5760N	**35.9**	4	**35.6**	10/07	38	1.2	16.9	1.7	1.0
Terral-REV™	57R21™	**35.5**	5	**34.1**	10/04	41	1.2	12.9	1.5	1.0
Pioneer	95Y20	**34.6**	19	25.7	10/06	34	1.0	12.9	1.8	1.0
AGSouth	AGS 568RR	**34.2**	8	32.6	10/03	39	1.2	14.8	1.5	1.0
Public Variety	Osage	**32.9**	25	23.0	09/29	34	1.0	11.6	1.8	1.0
Progeny	P 5610 RY	**32.5**	9	32.4	10/01	39	1.0	15.1	1.5	1.0
SS	RT5960N	**31.7**	10	31.2	10/15	40	1.2	17.6	2.2	1.0
SS	LL511N	**31.5**	18	25.9	09/27	29	1.0	10.9	2.2	1.0
Public Variety	Ozark	**31.5**	29	20.8	09/28	40	1.2	11.9	1.7	1.0
Terral-REV™	56R21™	**30.8**	15	27.6	09/30	38	1.3	13.0	1.7	1.0
SS	RT5160N	**28.4**	33	15.4	09/27	41	1.2	10.3	1.7	1.0
SS	RT5471N	**26.3**	27	22.5	10/01	36	1.2	12.1	1.7	1.0
SS	LL595N	**25.9**	23	24.6	10/03	41	1.0	12.2	2.0	1.0
Croplan Genetics	R2C5820	.	2	**38.5**	09/28	37	1.2	16.0	1.5	1.0
SS	RT5930N	.	3	**35.8**	10/05	42	1.2	14.5	1.7	1.0
A.M. Bickley	AMB 59LL	.	6	**33.9**	10/03	38	1.0	13.1	1.8	1.0
GoSoy	5911LL	.	7	**33.6**	09/29	35	1.0	12.6	1.7	1.0
NK	S57-K3 Brand	.	11	30.4	10/22	38	1.0	15.4	2.0	1.0
Terral-REV™	56R63™	.	12	30.1	10/05	40	1.5	14.6	1.8	1.0
SS	SS5511NR2	.	13	28.4	10/03	40	1.0	14.7	1.5	1.0
AGSouth	AGS597RR	.	14	27.8	10/08	40	1.2	14.4	1.7	1.0
AGSouth	AGS5911LL	.	16	27.2	10/05	39	1.0	13.4	1.8	1.0
Asgrow	AG5832	.	17[T]	26.0	10/15	43	1.3	17.0	1.7	1.0
Progeny	P 5811 RY	.	17[T]	26.0	10/09	41	1.5	14.1	1.8	1.0
USG	Allen RR	.	20	25.6	10/09	39	1.0	12.8	1.5	1.0
SS	SS5510NR2	.	21	25.4	10/04	34	1.0	13.8	2.2	1.0
SS	LL540N	.	22	24.9	09/24	37	1.2	12.1	1.7	1.0
Dyna-Gro	39RY57	.	24[T]	24.0	10/01	40	1.5	13.6	1.5	1.0
SS	SS Exp. 5112R2	.	24[T]	24.0	09/28	38	1.7	11.1	2.0	1.0
VT	Glenn	.	26	22.8	09/28	31	1.0	11.4	1.8	1.0
Progeny	P 5711 RY	.	28	22.2	10/05	43	1.0	13.9	1.5	1.0
Progeny	P 5655 RY	.	30	20.6	09/30	46	1.5	11.0	1.7	1.0
Pioneer	95Y71	.	31	19.2	10/02	39	1.3	12.0	1.8	1.0
SS	SS LL590N	.	32	16.3	09/26	37	1.2	11.8	1.8	1.0
Average		32.1		27.3 [5]	10/03	38	1.2	13.5	1.7	1.0
LSD at 10% Level		N.S.[6]		6.2	07	5	0.3	1.9	0.4	-
Std. Err. of Entry Mean		2.8		2.6	03	2	0.1	0.8	0.2	-

Calhoun, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year* Average Yield	2011 Data							
			Rank	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
				bu/acre	date	in	rating	gm	rating	rating
Maturity Group VI										
USG	620nRR	**41.7**	5	**41.3**	10/16	42	1	20.1	2.0	1.0
AR	R04-342	**41.1**	16	28.8	10/22	36	1	19.0	2.2	1.2
Dyna-Gro	V61N9RR	**39.0**	11	**36.6**	10/23	36	1	19.1	1.8	1.0
Public Variety	NC Roy	**38.1**	6	**40.8**	10/23	37	1	15.4	1.0	1.2
SS	RT6207N	**34.7**	19	21.6	10/14	33	1	16.1	1.8	1.2
Asgrow	AG6931	**34.6**	2	**44.0**	10/25	40	1	19.9	1.5	1.0
Dyna-Gro	36RY68	**34.4**	13	34.4	10/21	37	1	16.9	1.7	1.0
Public Variety	Musen	**34.1**	3	**42.2**	10/17	39	1	14.1	1.0	1.0
USG	76S90R2	**33.8**	7	**39.8**	10/23	36	1	17.8	1.3	1.0
UGA	G06-2460RR	**33.3**	21	21.1	10/20	32	1	19.6	1.5	1.0
SS	RT6451N	**33.0**	14	33.0	10/22	37	1	15.8	1.2	1.0
UGA	G05-1102RR	**31.4**	17	26.4	10/20	39	1	18.2	1.8	1.0
Progeny	P 6710 RY	**30.5**	9	**38.2**	10/20	39	1	17.1	1.5	1.0
SS	SS 6810NR2	**29.8**	4	**41.5**	10/20	39	1	17.3	1.3	1.0
SS	RT6988N	**29.6**	15	29.5	10/23	40	1	19.5	1.3	1.0
SS	SS Exp. 6911NR2	.	1	**45.3**	10/19	38	1	17.5	1.3	1.0
Asgrow	AG6132	.	8	**39.6**	10/22	40	1	17.0	1.7	1.2
Croplan Genetics	R2C6810	.	10	**37.8**	10/21	36	1	17.4	1.5	1.0
Asgrow	AG6732	.	12	34.6	10/13	38	1	16.4	1.7	1.0
NK	S61-Q2	.	18	26.2	10/18	39	1	19.4	2.3	1.0
USG	76G10L	.	20	21.5	10/09	37	1	14.2	2.5	1.5
A.M. Bickley	AMB 60LL	.	22	19.0	10/10	32	1	13.8	2.5	1.3
GoSoy	6111LL	.	23	16.0	10/07	33	1	14.4	2.3	1.3
AGSouth	AGS6011LL	.	24	15.8	10/09	32	1	16.3	2.7	1.5
Average		34.6		32.3 [7]	10/18	37	1	17.2	1.7	1.1
LSD at 10% Level		N.S.		8.8	09	5	-	1.2	0.3	0.3
Std. Err. of Entry Mean		2.6		3.7	04	2	-	0.5	0.1	0.1

Calhoun, Georgia:
Early-Planted Soybean Variety Performance, 2011, Irrigated
(Continued)

* 2010-2011.

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 16.8% and df for EMS = 68.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 19.8% and df for EMS = 46.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted:	June 19, 2011.
Harvested:	Maturity Group V - October 27, 2011. Maturity Group VI - November 8, 2011.
Seeding Rate:	Eight seeds per foot in 30" rows.
Soil Type:	Rome gravelly clay loam.
Soil Test:	Maturity Group V - P = High, K = Very High, and pH = 5.4. Maturity Group VI - P = High, K = Very High, and pH = 5.6.
Fertilization:	40 lb N, 65 lb P_2O_5, and 175 lb K_2O/acre.
Previous Crop:	Maturity Group V - Corn. Maturity Group VI - Small grain.
Management:	Moldboard plowed, disked and rototilled; Treflan, Classic, Flexstar and two cultivations used for weed control; Endigo and Temik applied for insect control; irrigated 11 inches.

Test conducted by J. Gassett, G. Ware and J. Stubbs.

Summary of Dryland Early-Planted Soybean Variety Performance at Four Locations, 2011

Company/Brand	Variety	Yield[1]				Yield Averages		
		Griffin[2]	Midville	Plains	Tifton	Statewide	South[3]	North[2]
		bu/acre						
Maturity Group V								
AGSouth	AGS5911LL	**18.1**	9.1	12.7	**34.5**	**18.6**	**18.8**	**18.1**
AGSouth	AGS 568RR	12.0	**12.4**	**15.3**	**32.9**	**18.2**	**20.2**	12.0
Asgrow	AG5832	10.5	**10.6**	12.4	**23.4**	14.2	15.5	10.5
Pioneer	95Y20	11.8	**9.5**	9.7	**15.9**	11.7	11.7	11.8
Pioneer	95Y70	**14.2**	**10.9**	**16.1**	**28.5**	**17.4**	**18.5**	**14.2**
Pioneer	95Y71	9.5	**9.9**	**13.6**	**22.3**	13.8	15.3	9.5
Public Variety	Osage	1.7	**11.5**	12.8	**23.2**	12.3	15.9	1.7
SS	LL511N	8.3	8.9	11.7	**28.1**	14.3	**16.2**	8.3
SS	LL595N	10.9	**12.0**	11.6	**27.8**	**15.6**	**17.2**	10.9
SS	RT5160N	11.1	7.9	11.3	**9.3**	9.9	9.5	11.1
SS	SS5511NR2	11.9	**10.5**	9.4	**23.6**	13.9	14.5	11.9
Average		10.9	10.3	12.4	24.5	14.5	15.8	10.9
LSD at 10% Level		5.2	2.9	2.9	N.S.[4]	3.6	4.6	5.2
Std. Err. of Entry Mean		2.1	1.2	1.2	5.6	1.5	1.9	2.1
Maturity Group VI								
Asgrow	AG6132	**12.1**	**7.4**	22.3	**22.5**	**16.1**	**17.4**	**12.1**
Asgrow	AG6732	5.7	**8.4**	25.8	**24.8**	**16.2**	**19.7**	5.7
Asgrow	AG6931	**10.4**	**9.7**	**27.9**	**41.1**	**22.3**	**26.2**	**10.4**
Croplan Genetics	R2C6810	**13.9**	**13.5**	**27.5**	**18.6**	**18.4**	**19.9**	**13.9**
Dyna-Gro	V61N9RR	**10.8**	**7.1**	17.8	**28.6**	**16.0**	**17.8**	**10.8**
GoSoy	6111LL	3.6	**6.1**	12.7	**21.0**	**10.9**	**13.3**	3.6
NK	S61-Q2	6.4	**8.4**	12.3	**19.9**	**11.7**	**13.5**	6.4
SS	RT6207N	2.7	**9.0**	10.1	**31.6**	**13.4**	**16.9**	2.7
SS	SS 6810NR2	9.9	**11.3**	**28.7**	**25.0**	**18.7**	**21.6**	9.9
USG	620nRR	5.1	**8.6**	14.1	**42.8**	**17.6**	**21.8**	5.1
Average		8.1	9.0	19.9	27.6	16.1	18.8	8.1
LSD at 10% Level		3.9	N.S.[4]	2.5	N.S.	N.S.	N.S.	3.9
Std. Err. of Entry Mean		1.6	1.6	1.0	7.3	1.9	2.5	6.1
Maturity Group VII & VIII								
AGSouth	AGS Prichard RR	**8.5**	10.9	**27.3**	**49.9**	**24.2**	**29.4**	**8.5**
AGSouth	AGS Woodruff	**13.6**	14.1	**28.8**	**40.7**	**24.3**	**27.9**	**13.6**
Asgrow	AG7231	**13.1**	11.2	24.9	**34.9**	**21.0**	**23.7**	**13.1**
Asgrow	AG7532	**13.6**	7.6	**28.8**	**39.5**	**22.4**	**25.3**	**13.6**
Dyna-Gro	V76N9RR	**8.4**	9.5	**27.6**	**52.2**	**24.5**	**29.8**	**8.4**
NK	S78-G6	**6.7**	13.1	**27.4**	**46.0**	**23.3**	**28.8**	**6.7**
Pioneer	97M50	**18.0**	**19.4**	22.5	**53.3**	**28.3**	**31.8**	**18.0**
Progeny	P 7310 RY	**10.4**	9.9	**29.5**	**37.1**	**21.7**	**25.5**	**10.4**
Public Variety	Santee	**8.4**	11.4	**28.4**	**48.2**	**24.1**	**29.3**	**8.4**
SS	SS7511NR2	**11.0**	10.9	23.1	**44.6**	**22.4**	**26.2**	**11.0**
Average		11.2	11.8	26.8	44.6	23.6	27.8	11.2
LSD at 10% Level		N.S.[4]	5.1	3.9	N.S.	N.S.	N.S.	N.S.
Std. Err. of Entry Mean		3.3	2.1	1.6	7.3	1.6	1.9	3.3

1. Yields calculated at 13% moisture.
2. Maturity Group V and VI - Griffin Early-Planted; Maturity Group VII and VIII - Griffin Late-Planted.
3. Midville, Plains and Tifton.
4. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Tifton, Georgia:
Dryland Early-Planted Soybean Variety Performance, 2011

Company or Brand Name	Variety	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre	date	in	rating	gm	rating	rating
Maturity Group V								
AGSouth	AGS5911LL	**34.5**	09//14	20	1.0	12.2	2.2	2.3
AGSouth	AGS 568RR	**32.9**	09//15	19	1.0	13.5	2.2	2.3
Pioneer	95Y70	**28.5**	09//20	21	1.0	13.8	2.0	2.0
SS	LL511N	**28.1**	09//10	14	1.0	13.0	3.3	2.7
SS	LL595N	**27.8**	09//16	23	1.0	13.4	3.2	1.7
SS	SS5511NR2	**23.6**	09//07	17	1.0	13.4	3.0	2.5
Asgrow	AG5832	**23.4**	09//20	43	1.7	13.8	2.8	2.3
Public Variety	Osage	**23.2**	09//10	14	1.0	12.3	3.2	2.7
Pioneer	95Y71	**22.3**	09//09	17	1.0	12.9	3.0	2.3
Pioneer	95Y20	**15.9**	09//10	16	1.0	13.0	2.9	3.0
SS	RT5160N	**9.3**	09//10	15	1.0	13.8	2.7	3.0
Average		24.5 [5]	09//13	20	1.1	13.2	2.8	2.4
LSD at 10% Level		N.S.[6]	03	4	0.2	0.9	0.6	N.S.
Std. Err. of Entry Mean		5.6	01	2	0.1	0.4	0.2	0.4
Maturity Group V								
USG	620nRR	**42.8**	10/14	21	1.0	13.5	2.8	1.3
Asgrow	AG6931	**41.1**	10/10	21	1.0	19.4	1.7	1.7
SS	RT6207N	**31.6**	10/13	19	1.0	11.3	2.3	1.7
Dyna-Gro	V61N9RR	**28.6**	10/20	22	1.0	14.5	3.2	1.0
SS	SS 6810NR2	**25.0**	10/08	19	1.0	19.1	2.2	1.7
Asgrow	AG6732	**24.8**	10/04	20	1.0	17.9	1.8	1.3
Asgrow	AG6132	**22.5**	10/01	20	1.0	16.9	2.5	2.0
GoSoy	6111LL	**21.0**	09/22	18	1.0	14.2	3.3	2.0
NK	S61-Q2	**19.9**	10/03	19	1.0	12.8	2.5	2.3
Croplan Genetics	R2C6810	**18.6**	09/22	18	1.0	19.0	1.7	2.0
Average		27.6 [7]	10/05	20	1.0	15.9	2.4	1.7
LSD at 10% Level		N.S.	N.S.	N.S.	-	1.2	0.6	N.S.
Std. Err. of Entry Mean		7.3	07	2	-	0.5	0.2	0.4
Maturity Group VII & VIII								
Pioneer	97M50	**53.3**	10/29	29	1.0	16.2	1.5	1.0
Dyna-Gro	V76N9RR	**52.2**	10/30	31	1.0	18.5	1.8	1.0
AgSouth	AGS Prichard RR	**49.9**	11/04	37	1.5	17.0	1.5	1.0
Public Variety	Santee	**48.2**	10/27	33	1.0	19.5	1.5	1.0
NK	S78-G6	**46.0**	10/29	33	1.0	21.2	2.3	1.0
SS	SS7511NR2	**44.6**	10/21	27	1.0	17.8	2.0	1.0
AgSouth	AGS Woodruff	**40.7**	11/04	27	1.0	19.1	1.5	1.0
Asgrow	AG7532	**39.5**	10/29	23	1.0	18.4	2.0	1.0
Progeny	P 7310 RY	**37.1**	11/03	22	1.0	19.4	2.5	1.0
Asgrow	AG7231	**34.9**	10/31	26	1.0	18.6	2.3	1.0
Average		44.6 [8]	10/30	29	1.1	18.5	1.9	1.0
LSD at 10% Level		N.S.	N.S.	5	N.S.	1.4	0.4	-
Std. Err. of Entry Mean		7.3	03	2	0.2	0.5	0.2	-

Tifton, Georgia:
Dryland Early-Planted Soybean Variety Performance, 2011
(Continued)

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 39.2% and df for EMS = 20.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 45.9% and df for EMS = 18.
8. CV = 22.9% and df for EMS = 9.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted:	May 11, 2011.
Harvested:	November 15, 2011.
Seeding Rate:	Eight seeds per foot in 30" rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = Medium, K = Medium, and pH = 6.4.
Fertilization:	19 lb N, 50 lb P_2O_5, and 100 lb K_2O/acre.
Previous Crop:	Cotton.
Management:	Disked, subsoiled and bedded, and rototilled; Prowl and Basagran used for

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Dryland Early-Planted Soybean Variety Performance, 2011

Company or Brand Name	Variety	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre	date	in	rating	gm	rating	rating
Maturity Group V								
Pioneer	95Y70	**16.1**	40828	37	1.0	15.1	2.5	1.7
AGSouth	AGS 568RR	**15.3**	40832	31	1.0	13.0	2.8	2.0
Pioneer	95Y71	**13.6**	40818	29	1.0	14.4	2.5	1.3
Public Variety	Osage	12.8	40802	26	1.0	11.7	2.5	1.7
AGSouth	AGS5911LL	12.7	40824	29	1.0	13.8	2.8	2.0
Asgrow	AG5832	12.4	40812	49	2.7	13.7	2.5	1.7
SS	LL511N	11.7	40802	21	1.0	13.1	3.2	2.0
SS	LL595N	11.6	40813	37	1.0	13.9	2.3	2.0
SS	RT5160N	11.3	40802	31	1.0	14.0	2.5	3.0
Pioneer	95Y20	9.7	40802	29	1.0	13.1	2.5	2.0
SS	SS5511NR2	9.4	40802	31	1.0	13.8	2.8	2.0
Average		12.4 [5]	40812	32	1.2	13.6	2.6	1.9
LSD at 10% Level		2.9	04	3	0.5	N.S.[6]	N.S.	0.7
Std. Err. of Entry Mean		1.2	02	1	0.2	0.7	0.3	0.3
Maturity Group VI								
SS	SS 6810NR2	**28.7**	10/18	35	1.0	16.1	1.7	1.3
Asgrow	AG6931	**27.9**	10/24	38	1.0	20.2	1.7	1.0
Croplan Genetics	R2C6810	**27.5**	10/20	35	1.0	16.5	1.7	1.0
Asgrow	AG6732	25.8	10/18	32	1.0	16.4	2.0	1.7
Asgrow	AG6132	22.3	10/22	37	1.0	15.7	2.3	2.0
Dyna-Gro	V61N9RR	17.8	10/27	26	1.0	15.6	2.7	1.3
USG	620nRR	14.1	10/24	34	1.0	15.1	3.0	2.0
GoSoy	6111LL	12.7	09/21	26	1.0	14.1	2.8	2.3
NK	S61-Q2	12.3	10/27	30	1.0	16.0	2.5	1.7
SS	RT6207N	10.1	09/29	24	1.0	12.7	2.7	2.0
Average		19.9 [7]	10/17	32	1.0	15.8	2.3	1.6
LSD at 10% Level		2.5	04	3	-	2.4	0.6	0.7
Std. Err. of Entry Mean		1.0	02	1	-	1.0	0.3	0.3
Maturity Group VII & VIII								
Progeny	P 7310 RY	**29.5**	10/23	30	1.0	16.2	1.7	1.0
AGSouth	AGS Woodruff	**28.8**	11/01	38	1.0	15.5	1.7	1.0
Asgrow	AG7532	**28.8**	10/22	33	1.0	18.7	1.8	2.0
Public Variety	Santee	**28.4**	10/21	40	1.0	17.2	2.0	2.0
Dyna-Gro	V76N9RR	**27.6**	10/24	40	1.0	19.3	2.0	1.7
NK	S78-G6	**27.4**	10/30	43	1.0	19.0	2.0	1.7
AGSouth	AGS Prichard RR	**27.3**	10/29	42	1.0	16.3	2.0	1.0
Asgrow	AG7231	24.9	10/22	36	1.0	16.7	2.2	1.3
SS	SS7511NR2	23.1	10/20	37	1.0	16.9	2.3	1.0
Pioneer	97M50	22.5	10/30	38	1.0	16.9	1.5	1.3
Average		26.8 [8]	10/25	38	1.0	17.3	1.9	1.4
LSD at 10% Level		3.9	04	4	-	N.S.	N.S.	0.5
Std. Err. of Entry Mean		1.6	02	2	-	0.9	0.3	0.2

Plains, Georgia:
Dryland Early-Planted Soybean Variety Performance, 2011
(Continued)

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 16.6% and df for EMS = 20.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 8.8% and df for EMS = 18.
8. CV = 10.2% and df for EMS = 18.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted:	May 23, 2011
Harvested:	November 9, 2011.
Seeding Rate:	Eight seeds per foot in 30" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = High, K = Very High, and pH = 5.9.
Fertilization:	0 lb N, 0 lb P_2O_5, and 0 lb K_2O/acre.
Previous Crop:	Corn.
Management:	Disked, bedded and rototilled: Reflex, Prowl and Classic used for weed control;

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Midville, Georgia:
Dryland Early-Planted Soybean Variety Performance, 2011

Company or Brand Name	Variety	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre	date	in	rating	gm	rating	rating
Maturity Group V								
AGSouth	AGS 568RR	**12.4**	40803	31	1.0	12.0	1.8	2.3
SS	LL595N	**12.0**	40804	33	1.0	11.5	2.0	2.0
Public Variety	Osage	**11.5**	40798	24	1.0	10.7	2.3	3.7
Pioneer	95Y70	**10.9**	40808	35	1.0	12.0	2.0	2.3
Asgrow	AG5832	**10.6**	40808	39	1.0	11.8	2.0	2.0
SS	SS5511NR2	**10.5**	40795	27	1.0	12.1	1.8	2.7
Pioneer	95Y71	**9.9**	40797	27	1.0	11.3	2.8	3.0
Pioneer	95Y20	**9.5**	40798	27	1.0	11.8	2.0	3.0
AGSouth	AGS5911LL	9.1	40802	27	1.0	11.8	2.2	2.7
SS	LL511N	8.9	40807	23	1.0	12.3	2.2	3.0
SS	RT5160N	7.9	40796	28	1.0	12.5	2.0	4.0
Average		10.3 [5]	40801	29	1.0	11.8	2.1	2.8
LSD at 10% Level		2.9	08	3	-	N.S.[6]	0.5	1.1
Std. Err. of Entry Mean		1.2	03	1	-	0.4	0.2	0.5
Maturity Group VI								
Croplan Genetics	R2C6810	**13.5**	10/30	28	1.0	14.1	1.6	1.0
SS	SS 6810NR2	**11.3**	10/31	31	1.0	13.5	1.6	1.0
Asgrow	AG6931	**9.7**	10/30	32	1.0	15.0	1.8	1.0
SS	RT6207N	**9.0**	09/20	25	1.0	11.4	2.0	1.0
USG	620nRR	**8.6**	09/27	31	1.0	12.1	2.5	2.0
Asgrow	AG6732	**8.4**	10/24	29	1.0	13.9	2.2	1.0
NK	S61-Q2	**8.4**	10/01	31	1.0	13.9	2.3	3.0
Asgrow	AG6132	**7.4**	10/22	35	1.0	13.8	1.5	1.5
Dyna-Gro	V61N9RR	**7.1**	10/07	21	1.0	14.5	2.5	1.3
GoSoy	6111LL	**6.1**	09/08	27	1.0	12.5	2.7	3.0
Average		9.0 [7]	10/11	29	1.0	13.5	2.1	1.6
LSD at 10% Level		N.S.	09	3	-	0.9	0.6	0.7
Std. Err. of Entry Mean		1.6	04	1	-	0.4	0.2	0.3
Maturity Group VII & VIII								
Pioneer	97M50	**19.4**	10/31	33	1.0	14.8	1.7	1.0
AGSouth	AGS Woodruff	14.1	11/01	32	1.0	15.0	1.7	1.0
NK	S78-G6	13.1	11/01	33	1.0	16.3	2.0	1.0
Public Variety	Santee	11.4	10/30	41	1.0	14.5	1.8	1.0
Asgrow	AG7231	11.2	10/27	31	1.0	13.9	1.7	1.0
AGSouth	AGS Prichard RR	10.9	10/31	35	1.0	13.4	1.7	1.0
SS	SS7511NR2	10.9	10/31	31	1.0	15.4	1.5	1.0
Progeny	P 7310 RY	9.9	10/30	27	1.0	15.1	1.7	1.0
Dyna-Gro	V76N9RR	9.5	10/30	39	1.3	13.4	1.7	1.0
Asgrow	AG7532	7.6	10/30	29	1.0	14.9	1.7	1.0
Average		11.8 [8]	10/30	33	1.0	14.7	1.7	1.0
LSD at 10% Level		5.1	N.S.	4	-	1.2	N.S.	-
Std. Err. of Entry Mean		2.1	02	1	-	0.5	0.2	-

Midville, Georgia:
Dryland Early-Planted Soybean Variety Performance, 2011
(Continued)

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 20.0% and df for EMS = 20.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 32.1% and df for EMS = 18.
8. CV = 30.7% and df for EMS = 18.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted:	May 12, 2011.
Harvested:	November 9, 2011.
Seeding Rate:	Eight seeds per foot in 30" rows.
Soil Type:	Tifton sandy loam.
Soil Test:	P = High, K = High, and pH = 6.0.
Fertilization:	25 lb N, 0 lb P_2O_5, and 60 lb K_2O/acre.
Previous Crop:	Cotton.
Management:	Disked, subsoiled and bedded; Acumen, Storm and Prefix used for weed

Test conducted by A. Coy, R. Brooke, D. Dunn, K. Cobb and R. Milton.

Griffin, Georgia:
Dryland Early-Planted Soybean Variety Performance, 2011

Company or Brand Name	Variety	Yield[1]	Maturity	Plant Ht	Lodg.[2]	Wt of 100 Seed	Seed Quality[3]	Shatt.[4]
		bu/acre	date	in	rating	gm	rating	rating
Maturity Group V								
AGSouth	AGS5911LL	**18.1**	40819	24	1.0	12.4	1.5	1.7
Pioneer	95Y70	**14.2**	40826	23	1.0	14.2	1.8	1.3
AgSouth	AGS 568RR	12.0	40817	18	1.0	14.6	1.5	2.5
SS	SS5511NR2	11.9	40810	21	1.0	13.6	1.5	3.0
Pioneer	95Y20	11.8	40817	20	1.0	12.5	2.0	1.5
SS	RT5160N	11.1	40813	20	1.0	12.8	1.5	3.0
SS	LL595N	10.9	40815	22	1.0	12.2	2.2	1.5
Asgrow	AG5832	10.5	40817	26	1.0	13.0	1.5	3.0
Pioneer	95Y71	9.5	40812	20	1.0	12.8	2.0	2.5
SS	LL511N	8.3	40810	16	1.0	12.4	2.2	1.7
Public Variety	Osage	1.7	40811	15	1.0	12.0	1.7	3.3
Average		10.9 [5]	40815	20	1.0	12.9	1.8	2.3
LSD at 10% Level		5.2	06	4	-	0.8	0.2	1.0
Std. Err. of Entry Mean		2.1	02	1	-	0.3	0.1	0.4
Maturity Group VI								
Croplan Genetics	R2C6810	**13.9**	10/27	19	1.0	15.4	1.8	1.0
Asgrow	AG6132	**12.1**	10/29	23	1.0	15.4	1.8	1.8
Dyna-Gro	V61N9RR	**10.8**	10/26	19	1.0	16.0	1.5	1.3
Asgrow	AG6931	**10.4**	10/27	18	1.0	16.9	1.7	1.0
SS	SS 6810NR2	9.9	10/27	18	1.0	15.0	1.8	1.0
NK	S61-Q2	6.4	10/24	17	1.0	15.5	1.7	2.0
Asgrow	AG6732	5.7	10/19	17	1.0	13.0	2.0	1.2
USG	620nRR	5.1	10/16	16	1.0	14.6	1.8	2.7
GoSoy	6111LL	3.6	10/02	16	1.0	15.8	2.2	3.0
SS	RT6207N	2.7	10/20	15	1.0	13.4	1.5	1.5
Average		8.1 [6]	10/22	18	1.0	15.1	1.8	1.7
LSD at 10% Level		3.9	09	4	-	1.4	N.S.[7]	1.0
Std. Err. of Entry Mean		1.6	04	2	-	0.6	0.2	0.4
Maturity Group VII & VIII								
Pioneer	97M50	**18.0**	11/03	24	100%	14.5	1.5	1.0
AGSouth	AGS Woodruff	**13.6**	11/02	18	100%	15.2	1.5	1.0
Asgrow	AG7532	**13.6**	11/01	24	100%	14.6	1.5	1.0
Asgrow	AG7231	**13.1**	11/01	22	100%	15.2	1.5	1.0
SS	SS7511NR2	**11.0**	11/03	18	100%	16.2	1.5	1.0
Progeny	P 7310 RY	**10.4**	10/31	17	100%	16.2	1.5	1.0
AGSouth	AGS Prichard RR	**8.5**	11/06	19	100%	12.0	1.5	1.0
Dyna-Gro	V76N9RR	**8.4**	10/31	20	100%	12.0	1.5	1.0
Public Variety	Santee	**8.4**	11/03	19	100%	14.3	1.5	1.0
NK	S78-G6	**6.7**	11/04	19	100%	16.5	1.7	1.0
Average		11.2 [8]	11/02	20	100%	14.7	1.5	1.0
LSD at 10% Level		N.S.	N.S.	N.S.	-	N.S.	N.S.	-
Std. Err. of Entry Mean		3.3	01	2	-	0.7	0.1	-

Griffin, Georgia:
Dryland Early-Planted Soybean Variety Performance, 2011
(Continued)

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 34.0% and df for EMS = 20.
6. CV = 34.4% and df for EMS = 18.
7. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
8. CV = 50.9% and df for EMS = 18.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted:	June 22, 2011.
Harvested:	November 15, 2011.
Seeding Rate:	Eight seeds per foot in 30" rows.
Soil Type:	Cecil sandy clay loam.
Soil Test:	P = Medium, K = High, and pH = 6.0.
Fertilization:	30 lb N, 60 lb P_2O_5, and 90 lb K_2O/acre.
Previous Crop:	Wheat.
Management:	Chisel plowed, disked and rototilled; Treflan used for weed control;

Test conducted by J. Gassett and G. Ware.

Greenhouse Ratings for Resistance to Three Species of Root-knot Nematode and Soybean Cyst Nematode, 2011

Company or Brand Name	Variety	Root-knot nematode			Cyst nematode	
		Southern[1]	Peanut[2]	Javanese[3]	Race 3[4]	Race 9[5]
		---------- rating[6] ----------			----- reaction[7] -----	
A.M. Bickley	AMB 59LL	5.0	4.0	5.0	S	S
A.M. Bickley	AMB 60LL	5.0	4.5	1.5	S	S
AgSouth	AGS Prichard RR	1.0	4.5	4.5	R	R
AgSouth	AGS Woodruff	2.0	4.5	4.0	R	S
AGSouth	AGS568RR	3.0	5.0	4.8	R	R
AGSouth	AGS5911LL	5.0	3.8	4.8	S	S
AGSouth	AGS597RR	5.0	4.8	5.0	M	S
AGSouth	AGS6011LL	5.0	4.0	2.5	M	S
AGSouth	AGS758RR	1.0	2.0	2.0	R	S
AR	R04-342	4.0	3.8	3.5	R	S
Asgrow	AG5832	5.0	5.0	5.0	R	R
Asgrow	AG6132	2.5	4.0	4.0	R	S
Asgrow	AG6732	2.3	5.0	4.5	R	S
Asgrow	AG6931	1.8	4.5	4.8	R	S
Asgrow	AG7231	1.0	5.0	2.3	S	S
Asgrow	AG7532	3.8	4.8	5.0	R	S
Croplan Genetics	1R2C75	5.0	5.0	3.0	R	S
Croplan Genetics	1R2C76	3.0	4.5	4.8	R	M
Croplan Genetics	R2C5820	2.8	4.5	3.5	S	S
Croplan Genetics	R2C6810	4.5	3.0	2.5	S	S
Croplan Genetics	R2C7390	2.8	3.5	5.0	S	S
Dyna-Gro	34RY75	3.5	4.5	5.0	R	R
Dyna-Gro	35K73	5.0	4.5	4.0	S	S
Dyna-Gro	36RY68	4.0	3.8	3.0	R	S
Dyna-Gro	39RY57	4.0	4.5	5.0	S	S
Dyna-Gro	V61N9RR	2.5	5.0	4.8	R	R
Dyna-Gro	V76N9RR	5.0	5.0	5.0	R	R
GoSoy	5911LL	5.0	3.3	4.8	R	S
GoSoy	6111LL	5.0	4.3	2.8	S	S
NK	S57-K3 Brand	5.0	4.8	4.5	R	R
NK	S61-Q2	4.3	5.0	5.0	R	S
NK	S78-G6	1.5	4.8	5.0	R	R
NK	S79-B9 Brand	2.5	4.5	5.0	R	S
Pioneer	95Y20	1.8	3.5	4.8	R	R
Pioneer	95Y70	1.3	4.8	5.0	S	S
Pioneer	95Y71	5.0	5.0	5.0	S	S
Pioneer	97M50	1.5	4.3	4.5	R	S
Progeny	P 5610 RY	3.8	3.8	3.0	S	S
Progeny	P 5655 RY	4.5	4.8	4.3	R	R
Progeny	P 5711 RY	3.3	5.0	4.3	R	S
Progeny	P 5811 RY	-[8]	3.8	2.0	S	S
Progeny	P 6710 RY	2.5	3.8	2.5	R	S
Progeny	P 7310 RY	2.0	4.0	4.0	R	S
Public Variety	Motte	3.0	3.8	2.5	R	S
Public Variety	Musen	1.8	5.0	5.0	R	R

Greenhouse Ratings for Resistance to Three Species of Root-knot Nematode and Soybean Cyst Nematode, 2011 (Continued)

Company or Brand Name	Variety	Root-knot nematode			Cyst nematode	
		Southern[1]	Peanut[2]	Javanese[3]	Race 3[4]	Race 9[5]
		---------- rating[6] ----------			----- reaction[7] -----	
Public Variety	NC Raleigh	5.0	5.0	5.0	S	S
Public Variety	NC Roy	5.0	5.0	5.0	S	S
Public Variety	OSAGE	-	4.8	2.0	S	S
Public Variety	OZARK	5.0	4.8	5.0	S	S
Public Variety	Santee	3.0	4.8	5.0	R	S
SC	SC01-803	3.0	4.8	4.5	R	S
SC	SC03-062	5.0	4.0	4.5	S	S
SC	SC04-375	2.8	4.8	4.5	R	S
SS	LL511N	5.0	4.0	1.5	S	S
SS	LL540N	5.0	5.0	3.3	M	S
SS	LL595N	5.0	4.8	4.0	S	S
SS	RT5160N	5.0	5.0	5.0	R	R
SS	RT5471N	5.0	5.0	5.0	R	R
SS	RT5760N	2.8	3.3	2.0	R	R
SS	RT5930N	2.5	5.0	3.8	R	R
SS	RT5960N	3.3	3.8	2.5	R	R
SS	RT6207N	5.0	4.8	5.0	R	S
SS	RT6451N	1.5	4.3	4.5	R	S
SS	RT6988N	5.0	3.8	1.8	S	S
SS	RT7270N	4.3	4.5	3.5	R	S
SS	RT7999N	1.8	4.5	4.5	R	R
SS	SS 6810NR2	1.8	3.3	2.5	R	S
SS	SS Exp. 5112NR2	5.0	4.3	4.0	R	R
SS	SS Exp. 6911NR2	4.8	3.5	3.3	S	S
SS	SS LL590N	5.0	2.0	2.5	S	S
SS	SS5510NR2	-	3.8	4.5	S	S
SS	SS5511NR2	2.0	3.0	3.8	S	S
SS	SS7511NR2	4.5	4.3	5.0	M	R
Terral-REV™	56R21™	3.0	4.5	4.8	R	S
Terral-REV™	56R63™	4.8	4.8	5.0	R	R
Terral-REV™	57R21™	4.3	5.0	5.0	S	S
UGA	G03-1187RR	2.3	1.8	1.5	R	S
UGA	G04-1618RR	1.5	4.8	4.8	R	R
UGA	G04-2215RR	1.0	4.8	3.8	R	S
UGA	G05-1102RR	2.3	2.5	3.3	R	S
UGA	G05-4237RR	1.0	2.5	5.0	R	R
UGA	G06-2460RR	1.0	3.3	4.0	R	S
UGA	G06-2507RR	2.0	3.8	5.0	R	S
UGA	G06-3182RR	1.0	2.8	1.8	R	S
UGA	G07-1185RR	1.3	2.5	2.8	R	S
UGA	G07-1285RR	3.5	4.8	4.0	R	M
UGA	G07-1366RR	1.8	3.5	4.0	R	S
UGA	G07-2879RR	1.3	5.0	4.5	R	S
UGA	G07-3192RR	1.5	4.0	3.5	R	S
UGA	G07-3496RR	1.5	4.3	4.8	R	S

Greenhouse Ratings for Resistance to Three Species of Root-knot Nematode and Soybean Cyst Nematode, 2011 (Continued)

Company or Brand Name	Variety	Root-knot nematode			Cyst nematode	
		Southern[1]	Peanut[2]	Javanese[3]	Race 3[4]	Race 9[5]
		---------- rating[6] ----------			----- reaction[7] -----	
UGA	G07-3557RR	2.3	3.5	5.0	R	S
UGA	G07-3651RR	1.8	3.3	3.5	R	S
UGA	G07-3839RR	1.3	3.8	4.8	R	M
UGA	G09PR-54326R2	1.8	4.3	2.3	R	S
UGA	G09PR-54329R2	1.5	3.5	3.0	M	S
UGA	G09PR-54362R2	5.0	3.5	2.8	R	S
UGA	G09PR-54378R2	2.8	1.5	1.8	R	S
USG	620nRR	5.0	4.5	5.0	R	R
USG	76G10L	5.0	5.0	4.3	S	S
USG	76S90R2	4.3	4.0	2.3	S	S
USG	7732nRR	1.8	3.3	2.0	S	S
USG	77S40R2	4.3	4.8	3.8	S	S
USG	Allen RR	4.0	4.5	3.8	S	S
VT	Glenn	5.0	3.8	2.3	S	S
Check Varieties	AGS Benning	2.0	3.8	3.3	R	S
	Boggs	1.0	2.5	2.3	R	S
	Bossier	5.0	4.5	2.8	S	S
	CNS	5.0	5.0	5.0	S	S
	Cook	3.0	4.5	4.3	S	S
	G93-9009	1.0	1.0	1.0	R	R
	G93-9106	1.0	1.0	1.0	R	R
	GaSoy17	5.0	5.0	5.0	S	S
	Hagood	1.3	4.5	5.0	R	S
	Hartwig	1.8	4.5	4.0	R	R
	Haskell	1.5	2.5	2.3	S	S
	Prichard	1.0	5.0	5.0	R	R
	LSD (0.10)	0.8	0.8	0.8		

1. *Meloidogyne incognita.*
2. *Meloidogyne arenaria.*
3. *Meloidogyne javanica.*
4. The cyst indices on the differentials were: Peking = 0 (-), Pickett = 0 (-), PI88788 = 0 (-), PI90763 = 0 (-).
5. The cyst indices on the differentials were: Peking = 71 (+), Pickett = 103 (+), PI88788 = 0 (-), PI90763 = 9 (-).
6. Rating: 1 (few galls) to 5 (many galls).
7. Reaction: R = Resistant (generally < 3 white females or cysts per plant).
   S = Susceptible (generally > 3 white females or cysts per plant).
   M = Mixed reaction.
8. - = All reps missing due to poor germ.

Ratings for soybean cyst nematode and root-knot nematode provided by S.L. Finnerty, R.S. Hussey, G.E. Bishop, E.D. Wood, and H.R. Boerma.

Sources of Seed for the 2011 Soybean Variety Tests

Brand or Variety Name	Company and Address
AGSouth, AGS	AGSouth Genetics, LLC, P.O. Box 72246, Albany, GA 31708-2246.
A.M. Bickley, AMB	A.M. Bickley, PO Box 91, Marshallville, GA 31057.
AR	University of Arkansas, 115 Plant Science Bldg., Fayetteville, AR 72701.
Asgrow	Monsanto Company, 800 N. Lindbergh Blvd., St. Louis, MO 63167.
Croplan Genetics	Winfield Solutions, LLC, 949 Winleaf Drive, Collierville, TN 38017.
Dyna-Gro	Crop Production Services, 114 W. 12th St., Suite D, Tifton, GA 31974.
GoSoy	Stratton Seed Company, 1530 Hwy 79 South, Stuttgart, AR 72160.
NK	Syngenta Seeds, Inc., 13760 Appomattox Circle, Laurinburg, NC 28352.
Pioneer	Pioneer Hi-Bred International, Inc., 700 Boulevard South, Suite 302, Huntsville, AL 35806.
Progeny	Progeny Ag Products, 1529 Hwy 193 South, Wynne, AR 72396.
SC	Clemson University, Dept. ESPS, Room 213-B P&AS, Box 340315, Clemson, SC 29634.
SS	Southern States Coop, P.O. Box 26234, Richmond, VA 23260.
Terral-REV™	Terral Seed, Inc., P.O. Box 826, Lake Providence, LA 71254.
UGA	University of Georgia, CAGT, 111 Riverbend Road, Athens, GA 30602.
USG	UniSouth Genetics, Inc., 2640-C Nolensville Road, Nashville, TN 37211.
Public Varieties	
Cook	Georgia Seed Development Commission, 2420 S. Milledge Ave., Athens, GA 30605.
Glenn	Virginia Tech, 509 Latham Hall 0404, Blacksburg, VA 24061.
Motte, Musen, Santee	Clemson University, Dept. ESPS, Room 213-B P&AS, Box 340315, Clemson, SC 29634.
NC Raleigh, NC Roy	NC Foundation Seed, 8220 Riley Hill Road, Zebulon, NC 27597.
Osage, Ozark	University of Arkansas, 115 Plant Science Bldg., Fayetteville, AR 72701.

GRAIN SORGHUM

Tifton, Georgia:
Early-Planted Grain Sorghum Hybrid Performance, 2011
Nonirrigated

Company or Brand Name	Hybrid	Yield[1]	2-Year Average Yield	Test Wt.	50% Bloom[2]	Plant Ht.	Lodging	Bird Damage[3]
		bu/acre	bu/acre	lb/bu	days	in	%	%
SS	SS800	**71.9**	**78.2**	37.2	.	38	0	41
SS	SS650	54.3	**62.5**	42.8	.	41	0	40
Advanta	AG3101	49.4	.	40.2	.	45	0	40
DeKalb	DKS53-67	47.5	**71.1**	38.4	.	43	0	43
Alta Seeds	AG3201	46.8	**55.4**	41.8	.	39	0	40
Pioneer	84P80	43.6	.	41.0	.	41	0	43
Dyna-Gro	772B	43.3	.	41.9	.	39	0	40
Pioneer	83P17	42.6	**65.5**	34.1	.	45	0	43
Southern States	SS560	29.4	**48.6**	40.7	.	37	0	38
Average		47.6 [4]	63.6	39.8	.	41	0	41
LSD at 10% Level		12.0	N.S.[6]	3.0		3	-	N.S.
Std. Err. of Entry Mean		4.9	3.7	1.2		1	-	4

1. Yields calculated at 14% moisture.
2. Days from planting to 50% bloom.
3. Percent of grain head damaged.
4. CV = 20.7% and df for EMS = 24.
5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: April 15. 2011.
Harvested: September 16, 2011.
Seeding Rate: 100,000 seed/acre in 30" rows.
Soil Type: Tift loamy sand.
Soil Test: P = Medium, K = Medium, and pH = 5.8.
Fertilization: Preplant: 50 lb N, 80 lb P_2O_5, and 90 lb K_2O/acre. Sidedress: 113 lb N/acre.
Previous Crop: Peanuts.
Management: Disked, subsoiled and bedded, and rototilled; Atrazine 4L used for weed control; Lorsban used for insect control.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Tifton, Georgia:
Late-Planted Grain Sorghum Hybrid Performance, 2011
Nonirigated

Company or Brand Name	Hybrid	Yield[1]	2-Year Average Yield	Test Wt.	50% Bloom[2]	Plant Ht.	Lodging	Disease[3]	Bird Damage[4]
		bu/acre	bu/acre	lb/bu	days	in	%	rating	%
Pioneer	84P80	**119.5**	.	50.7	62	52	0	1.8	23
Dyna-Gro	772B	93.3	.	50.8	65	54	0	2.0	22
Alta Seeds	AG3201	87.2	**72.3**	48.2	59	51	0	1.8	24
DeKalb	DKS53-67	82.2	**81.1**	51.7	62	48	0	2.0	27
SS	SS800	78.6	**74.5**	46.6	61	45	0	1.9	20
Pioneer	83P17	73.3	**91.6**	49.6	64	50	0	1.1	16
SS	SS650	57.9	**50.5**	48.2	59	52	0	2.2	47
Advanta	AG3101	52.7	.	47.2	57	57	0	2.3	35
Southern States	SS560	37.0	**43.9**	41.4	54	48	0	2.3	40
Average		75.8 [5]	69.0	48.3	60	51	0	1.9	28
LSD at 10% Level		16.2	N.S.[6]	1.7	3	4	-	0.5	13
Std. Err. of Entry Mean		6.5	4.1	0.7	1	2	-	0.2	5

1. Yields calculated at 14% moisture.
2. Days from planting to 50% bloom.
3. Rated 1 = resistant to 5 = susceptible to foliar diseases.
4. Percent of grain head damaged.
5. CV = 17.7% and df for EMS = 24.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: June 20, 2011.
Harvested: October 17, 2011.
Seeding Rate: 100,000 seed/acre in 30" rows.
Soil Type: Tift loamy sand.
Soil Test: P = Medium, K = Medium, and pH = 5.8.
Fertilization: Preplant: 50 lb N, 80 lb P_2O_5, and 90 lb K_2O/acre. Sidedress: 113 lb N/acre.
Previous Crop: Peanuts.
Management: Disked, subsoiled and bedded, and rototilled; 24-D Amine and Atrazine used for weed control; Lorsban used for insect control.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Plains, Georgia:
Early-Planted Grain Sorghum Hybrid Performance, 2011
Nonirrigated

Company or Brand Name	Hybrid	Yield[1]	2-Year Average Yield	Test Wt.	50% Bloom[2]	Plant Ht.	Lodging	Bird Damage[3]
		bu/acre	bu/acre	lb/bu	days	in	%	%
Pioneer	83P17	**63.0**	**75.2**	53.7	.	41	1	23
DeKalb	DKS53-67	**57.0**	**79.4**	52.9	.	38	2	35
Alta Seeds	AG3201	45.3	**70.3**	51.9	.	34	2	30
Pioneer	84P80	42.9	.	54.1	.	37	2	23
Southern States	SS560	37.4	59.4	51.2	.	33	1	40
Dyna-Gro	772B	35.1	.	49.3	.	31	2	38
Advanta	AG3101	32.7	.	52.7	.	36	2	30
SS	SS650	31.0	61.0	49.9	.	31	1	45
SS	SS800	22.1	51.5	52.1	.	31	2	20
Average		40.7 [4]	66.1	52.0	.	35	2	31
LSD at 10% Level		6.8	14.9	1.3		4	-	12
Std. Err. of Entry Mean		2.8	6.2	0.5		2	-	5

1. Yields calculated at 14% moisture.
2. Days from planting to 50% bloom.
3. Percent of grain head damaged.
4. CV = 13.9% and df for EMS = 24.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	April 20, 2011.
Harvested:	September 19, 2011.
Seeding Rate:	100,000 seed/acre in 30" rows.
Soil Type:	Greenville sandy loam.
Soil Test:	P = High, K = Very High, and pH = 5.9.
Fertilization:	Preplant: 28 lb N, 80 lb P_2O_5, and 80 lb K_2O/acre. Sidedress: 50 lb N/acre.
Previous Crop:	Cotton.
Management:	Disked, subsoiled and bedded, and rototillied; Atrazine and Permit wused for weed control.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Plains, Georgia:
Late-Planted Grain Sorghum Hybrid Performance, 2011
Nonirrigated

Company or Brand Name	Hybrid	Yield[1]	2-Year Average Yield	Test Wt.	50% Bloom[2]	Plant Ht.	Lodging	Disease[3]	Bird Damage[4]
		bu/acre	bu/acre	lb/bu	days	in	%	rating	%
Advanta	AG3101	**61.7**	.	56.0	66	43	1	2.0	1
Dyna-Gro	772B	**61.2**	.	54.5	64	44	3	1.5	0
Pioneer	84P80	**59.0**	.	55.4	66	42	4	2.0	4
DeKalb	DKS53-67	**58.3**	**37.9**	56.0	66	43	3	1.8	1
SS	SS650	**56.3**	**43.4**	55.8	63	42	1	2.0	10
Pioneer	83P17	**55.2**	**42.6**	51.1	67	43	1	2.0	1
Alta Seeds	AG3201	54.6	**39.9**	55.7	62	44	1	2.0	8
SS	SS800	54.5	**42.5**	54.0	60	40	0	2.0	3
Southern States	SS560	40.6	**37.0**	56.2	54	33	0	2.0	8
Average		55.7 [5]	40.5	55.0	63	41	2	1.9	4
LSD at 10% Level		6.8	N.S.[6]	1.1	2	3	N.S.	0.3	5
Std. Err. of Entry Mean		2.8	5.4	0.5	1	1	1	0.1	2

1. Yields calculated at 14% moisture.
2. Days from planting to 50% bloom.
3. Rated 1 = resistant to 5 = susceptible to foliar diseases.
4. Percent of grain head damaged.
5. CV = 36.8% and df for EMS = 25.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: July 20, 2011.
Harvested: December 1, 2011.
Seeding Rate: 100,000 seed/acre in 30" rows.
Soil Type: Greenville sandy loam.
Soil Test: P = High, K = Very High, and pH = 5.9.
Fertilization: Preplant: 28 lb N, 80 lb P_2O_5, and 80 lb K_2O/acre. Sidedress: 100 lb N/acre.
Previous Crop: Cotton.
Management: Disked, subsoiled and bedded, and rototilled; Atrazine used for weed control; Mustang Max used for insect control.

Test conducted by A. Coy, R. Brooke, D. Dunn and R. Pines.

Griffin, Georgia:
Early-Planted Grain Sorghum Hybrid Performance, 2011
Nonirrigated

Company or Brand Name	Hybrid	Yield[1]	2-Year Average Yield	Test Wt.	50% Bloom[2]	Plant Ht.	Lodging	Bird Damage[3]
		bu/acre	bu/acre	lb/bu	days	in	%	%
DeKalb	DKS53-67	**86.9**	**70.5**	59.0	59	53	31	0
Pioneer	83P17	**80.8**	**65.4**	56.9	60	58	5	0
Advanta	AG3101	**75.5**	.	57.1	60	58	99	0
Pioneer	84P80	**73.7**	.	55.4	59	54	88	0
Alta Seeds	AG3201	**72.3**	**57.1**	53.5	58	53	94	0
Southern States	SS560	**69.2**	50.3	56.2	53	43	19	14
SS	SS650	**68.8**	50.5	54.1	58	56	99	0
SS	SS800	**67.0**	47.4	53.6	58	52	89	0
Dyna-Gro	772B	**62.0**	.	54.4	61	54	86	0
Average		72.9 [4]	56.9	55.6	58	53	68	2
LSD at 10% Level		N.S.[5]	13.7	1.0	2	2	17	-
Std. Err. of Entry Mean		6.2	5.7	0.4	1	1	7	-

1. Yields calculated at 14% moisture.
2. Days from planting to 50% bloom.
3. Percent of grain head damaged.
4. CV = 16.9% and df for EMS = 24.
5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: May 24, 2011.
Harvested: September 9, 2011.
Seeding Rate: 100,000 seed/acre in 30" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Medium, K = High, and pH = 5.5.
Fertilization: Preplant: 30 lb N, 60 lb P_2O_5, and 90 lb K_2O/acre. Sidedress: 100 lb N/acre.
Previous Crop: Wheat.
Management: Moldboard plowed, disked and rototilled; Dual Magnum used for weed control.

Test conducted by J. Gassett and G. Ware.

Griffin, Georgia:
Late-Planted Grain Sorghum Hybrid Performance, 2011
Nonirrigated

Company or Brand Name	Hybrid	Yield[1]	2-Year Average Yield	Test Wt.	50% Bloom[2]	Plant Ht.	Lodging	Disease[3]	Bird Damage[4]
		bu/acre	bu/acre	lb/bu	days	in	%	rating	%
Pioneer	84P80	**70.6**	.	54.1	63	41	0	.	7
Southern States	SS560	**60.7**	**58.5**	57.4	51	35	0	.	20
DeKalb	DKS53-67	**58.3**	**76.8**	52.6	67	41	0	.	3
SS	SS650	**58.3**	**65.7**	55.8	55	41	0	.	18
Pioneer	83P17	**57.0**	**74.8**	51.7	66	40	0	.	5
Alta Seeds	AG3201	**55.4**	**66.4**	54.9	58	37	0	.	13
SS	SS800	**53.7**	**66.2**	55.6	55	39	0	.	7
Advanta	AG3101	**49.4**	.	55.7	62	37	0	.	6
Dyna-Gro	772B	**47.5**	.	53.1	66	39	0	.	2
Average		56.8 [5]	68.1	54.6	60	39	0	.	9
LSD at 10% Level		N.S.[6]	N.S.	1.2	3	N.S.	-		10
Std. Err. of Entry Mean		4.5	5.0	0.4	1	1	-		4

1. Yields calculated at 14% moisture.
2. Days from planting to 50% bloom.
3. Rated 1 = resistant to 5 = susceptible to foliar diseases.
4. Percent of grain head damaged.
5. CV = 16.0% and df for EMS = 16.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: June 29, 2011.
Harvested: October 18, 2011.
Seeding Rate: 100,000 seed/acre in 30" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = High, K = High, and pH = 5.6.
Fertilization: Preplant: 30 lb N, 60 lb P_2O_5, and 90 lb K_2O/acre. Sidedress: 100 lb N/acre.
Previous Crop: Wheat grain.
Management: Moldboard plowed, disked and rototilled; Dual Magnum used for weed control.

Test conducted by J. Gassett and G. Ware.

Grain Sorghum Hybrid Resistance to Insect and Bird Damage-2011

Xinzhi Ni and G. David Buntin

Nine grain sorghum hybrids were evaluated for resistance to sorghum midge and bird damage in 2011. Although their damage was relatively low in general in 2011, nine insect pests were observed on sorghum in south Georgia. They could be listed in order of importance as follows: sorghum midge, leaf-footed bug, fall armyworm, corn leaf aphid, chinch bug, sorghum head worm complex (mainly sorghum webworm and corn earworm) and stink bugs (southern green and brown stink bugs). Diseases were of minimal importance in our experimental plots in 2011.

The hybrids were planted with four replications on April 26, 2011. The flowering date (or days to anthesis) was recorded in June. The flowering time (50% panicles are flowering) of the nine hybrids was between 51 and 63 days after planting. The fall armyworm and aphid damage was assessed in May and June. Because the foliar damage ratings were low in general, the data were not included in the table. Sorghum midge and bird damage was rated on July 27, 2011. Midge damage was rated according to the visual estimates of grain loss. Grain loss caused by midge infestation can be separated from other factors using the whitish-cast skins hanging at the tip of glumes during pre-harvest examination. Sorghum midge damage was assessed according to the following rating scale: Very Good = 0-15% of empty glumes on any of the sorghum panicles in an experimental plot; Good = a few empty glumes (16-30%) observed on a panicle; Fair = 31-75% of empty glumes on a sorghum panicle; and Poor = majority of sorghum panicles with more than three quarters (> 75%) of empty glumes. In addition, the assessment of bird damage on developing kernels was based on the following scale: Very Good (VG) = less than 10% grain loss; Good (G) = 11-25% loss; Fair (F) = 26-50% loss; and Poor (P) = over 50% loss of grains per panicle. The bird damage could be reduced by timely harvest of the crop in general.

The sorghum midge is a cyclic insect pest in grain sorghum production in the southern Coastal Plain region. The overall damage caused by sorghum midge is usually high on late-flowering hybrids. Midge damage was very low (rated as < 30% grain loss) in general for 2011 with the April planting, which could also be the result of relatively dry weather conditions. For midge resistance, most of the hybrids (six of the nine entries) showed no damage and were rated as Very Good (VG). The three hybrids that showed the most midge damage in 2011 were 84P80, 772B and AG3101, although the damage ratings were not greater than 30%. In addition, all entries showed bird damage during evaluation on July 27, which was three months after planting and about one month after flowering. All bird damage ratings were also relatively low (≤ 25%). The hybrids AG3201, 84P80 and 772B showed less bird damage than the other six hybrids.

It is highly recommended that growers use available insect- and disease-resistant hybrids, which is one of the most economical pest management strategies for sorghum production in our region. The information on both insect and bird damage might vary based on planting dates, with later plantings tending to have increased insect pest pressure. For further integrated insect management information, please consult with your local county agent and/or Extension entomologists.

This test was maintained and flowering-date data were collected by Penny Tapp from the Crop Genetics and Breeding Research Unit, USDA-ARS, Coastal Plain Experiment Station, UGA-Tifton, Georgia.

Evaluation of Grain Sorghum Hybrids for Resistance to Insect and Bird Damage, 2011, Tifton, Georgia[1]

Brand	Hybrid	Days to Anthesis[2]	Midge Resistance [3]		Bird-feeding resistance[4]	
			2011	2+ years	2011	2+ years
SS	SS 560	52	VG	VG-	G	G-
SS	SS 800	59	VG	VG	G	G-
SS	SS 650	61	VG	VG	G	VG
Dekalb	DKS53-67	61	VG	G+	G	G
Pioneer	83P17	64	VG	G	G	VG-
Alta Seeds	AG3201	61	VG	.	VG	.
Pioneer	84P80	59	VG	.	VG	.
Dyna-Gro	772B	57	VG	.	VG	.
Alta Seeds	AG3101	61	G	.	G	.

1. The test plots were maintained with irrigation.
2. Days from planting to 50% bloom.
3. For sorghum midge resistance: Very Good (VG) = 0-15%, Good (G) = 16-30%, Fair (F) = 31-75%, and Poor (P) = >75% glumes are without grains on a panicle.
4. Bird-feeding resistance: Very Good (VG) = less than 10% loss; Good (G) = 11-25% loss; Fair (F) = 26-50% loss; and Poor (P) = over 50% loss.

SORGHUM FOR SILAGE

Tifton, Georgia:
Evaluation of Sorghum Hybrids for Silage, 2011, Irrigated

Company or Brand Name	Hybrid Name or Number	Forage Yields Dry	Forage Yields Green	Plant Height	Dry Matter	2-Yr. Avg Dry Yield	Disease[1]
		--- tons/acre ---		in	%	tons/acre	rating
Moss	4Ever Green	**13.0**	**47.4**	146	28	**11.4**	1.4
Moss	Millennium BMR	**12.7**	33.1	118	38	**10.7**	1.1
Grabow	86S	**12.4**	35.9	128	35	.	1.0
Alta Seeds	AF7401	10.1	30.7	76	33	8.6	1.3
Coffey	Exp100BMR	10.1	29.0	93	35	9.0	1.5
SS	SS2010BDF	10.1	35.3	84	29	.	1.3
Moss	4Ever Green BMR	10.0	42.1	128	24	9.2	1.3
Southern States	SS1515F	9.9	26.9	79	38	9.4	1.1
Coffey	Exp816BMR	9.7	25.4	106	39	8.8	1.5
Grabow	81F	9.5	29.9	82	32	.	1.3
Moss	Desparado BMR	8.7	29.6	85	30	.	1.3
Alta Seeds	AF7301	8.2	23.3	96	36	7.4	1.4
Grabow	80F BMR6	8.2	30.9	80	26	.	1.0
Advanta	AF7201	8.0	21.7	95	37	.	1.5
Grabow	X8208 BMR	7.4	20.9	109	35	.	1.5
Average		9.8 [2]	30.8 [3]	100	33	9.3	1.3
LSD at 10% Level		1.8	4.6	8	5	1.0	N.S.[4]
Std. Err. of Entry Mean		1.9	1.9	3	2	0.4	0.2
Ratoon or Regrowth Crop							
Moss	4Ever Green	**12.3**	**37.1**	137	34	**12.6**	1.3
Grabow	86S	7.8	23.4	129	33	.	2.8
Grabow	81F	7.5	19.0	90	40	.	2.8
Moss	Millennium BMR	7.4	21.0	124	35	7.8	2.8
Moss	4Ever Green BMR	7.4	23.3	130	32	6.4	1.8
SS	SS2010BDF	6.9	20.3	85	34	.	2.5
Grabow	80F BMR6	6.4	18.1	82	35	.	2.5
Alta Seeds	AF7401	6.3	17.1	79	37	6.5	2.3
Advanta	AF7201	6.2	15.8	100	40	.	3.5
Southern States	SS1515F	6.1	16.5	83	36	6.7	2.3
Moss	Desparado BMR	5.9	16.8	84	35	.	2.8
Coffey	Exp100BMR	5.6	16.9	104	33	5.7	2.8
Grabow	X8208 BMR	5.5	15.4	110	36	.	3.3
Alta Seeds	AF7301	5.5	15.2	94	36	5.0	3.6
Coffey	Exp816BMR	5.4	15.9	99	35	5.0	3.0
Average		6.8 [5]	19.4 [6]	102	35	7.0	2.6
LSD at 10% Level		1.3	3.7	8	3	0.9	0.8
Std. Err. of Entry Mean		0.6	1.6	4	1	0.4	0.3

Tifton, Georgia:
Evaluation of Sorghum Hybrids for Silage, 2011, Irrigated
(Continued)

1. Rated 1 = resistant to 5 = susceptible to foliar diseases.
2. CV = 14.9% and df for EMS = .42
3. CV = 12.6% and df for EMS = 42.
4. The F-test indicates no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
5. CV = 16.5% and df for EMS = 42.
6. CV = 16.0% and df for EMS = 42.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	April 18, 2011.
Harvested:	July 28, 2011. Ratoon: December 6, 2011.
Seeding Rate:	100,000 seed/acre in 30" rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = High, K = Medium, and pH = 6.1.
Fertilization:	Preplant: 35 lb N, 70 lb P_2O_5, and 105 lb K_2O/acre. Sidedress: 112 lb N/acre.
Previous Crop:	Soybeans.
Management:	Disked, subsoiled and bedded; Atrazine 4L, Prowl and cultivated for weed control; Lorsban used for insect control; Telone II used for nematode control; irrigated 10 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Griffin, Georgia:
Evaluation of Sorghum Hybrids for Silage, 2011

Company or Brand Name	Hybrid Name or Number	Forage Yields		Plant Height	Dry Matter	2-Yr. Avg Dry Yield
		Dry	Green			
		--- tons/acre ---		in	%	tons/acre
Grabow	81F	**4.6**	14.8	58	31	.
Sorghum Partners	1990	**4.3**	**18.9**	82	23	.
Moss	4Ever Green	**4.2**	**18.9**	83	22	**6.2**
Alta Seeds	AF7301	**3.8**	13.7	75	28	**4.1**
Advanta	AF7201	**3.8**	8.6	74	45	.
Moss	Millennium BMR	**3.8**	12.7	74	29	**3.4**
Grabow	86S	**3.8**	13.4	82	28	.
Grabow	80F BMR6	3.5	14.5	50	24	.
Southern States	SS1515F	3.5	11.6	56	30	**4.8**
SS	SS2010BDF	3.3	13.3	55	25	.
Coffey	Exp100BMR	3.1	12.5	58	25	**4.4**
Grabow	X8208 BMR	3.1	9.5	71	32	.
Moss	Desparado BMR	3.0	10.6	56	28	.
Sorghum Partners	Headless Trudan	3.0	12.6	80	24	.
Alta Seeds	AF7401	3.0	12.3	60	24	**4.0**
Coffey	Exp816BMR	2.9	9.5	63	31	**3.6**
Moss	4Ever Green BMR	2.4	10.6	73	22	**4.3**
Average		3.5 [1]	12.8 [2]	68	28	4.4
LSD at 10% Level		0.9	3.8	8	3	N.S.[3]
Std. Err. of Entry Mean		0.4	1.6	3	1	0.5

1. CV = 22.6% and df for EMS = 48.
2. CV = 25.0% and df for EMS = 48.
3. The F-test indicates no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: May 24, 2011.
Harvested: September 2011.
Seeding Rate: 150,000 seed/acre in 30" rows.
Soil Type: Pacolet coarse sandy loam.
Soil Test: P = Medium, K = High, and pH = 6.0.
Fertilization: Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre. Sidedress: 100 lb N/acre.
Previous Crop: Wheat.
Management: Moldboard plowed, disked and rototilled; Dual Magnum used for weed control.

Test conducted by J. Gassett and G. Ware.

SUMMER ANNUAL FORAGES

Tifton, Georgia:
Evaluation of Summer Annual Forage, 2011
and Two-Year Average Yields, 2010-2011

Company or Brand Name	Hybrid Name or Number	Clipping Dates 6-30-11	8-19-11	10-17-11	Season Total	2-Year Average
		---------- dry matter yield - pounds per acre ----------				
Sorghum x Sudangrass						
Moss	Mega Green	**11311**	**11204**	**10425**	**32940**	**26532**
Gayland Ward	Super Sugar	**11999**	**10790**	**9359**	**32149**	.
Gayland Ward	Sweet For Ever	**8860**	**12186**	**10360**	**31407**	.
Alta Seeds	AS9301	**11246**	**11554**	8016	**30816**	22866
SS	SS211A	**8412**	**11701**	**10422**	**30535**	.
Sorghum Partners	Headless Trudan	**8967**	**11090**	**10040**	**30097**	.
SS	SS140BMR	**11394**	**10749**	7549	**29692**	.
Dyna-Gro	710F	**10957**	**10221**	**8511**	**29689**	.
SS	SS220BMR	**10112**	**11124**	8340	**29576**	22792
Grabow	8201 BMR6	**8107**	**9305**	**11738**	**29150**	.
Gayland Ward	GW 300 BMR	**11550**	**11012**	6535	**29097**	.
Moss	SU-2-LM	**10235**	**10210**	**8599**	**29045**	**24338**
Gayland Ward	GW 2120	**13842**	**8979**	6121	**28941**	.
Coffey	Exp2010BMR	**12432**	**9574**	5953	**27960**	21535
Moss	SU-2-LM BMR	**9651**	**10147**	7514	27312	.
Coffey	Maxi Gain bmr	**11092**	**8855**	7116	27064	.
Alta Seeds	AS6401	**11084**	**9104**	6847	27035	22556
Alta Seeds	AS6402	**10340**	**10406**	6279	27025	21767
Coffey	Exp3010BMR	**11643**	**10095**	4751	26490	20957
SS	SS240BD	**10640**	**9380**	5700	25720	.
Gayland Ward	Ensile Master	**9854**	**10198**	5477	25529	.
Coffey	Surpass XL bmr	**9912**	**9215**	6136	25264	.
SS	SS130BMR	**12067**	**8396**	3417	23881	16750
Dyna-Gro	725F	**10278**	**8850**	3288	22416	.
Sorghum Partners	1990	**10671**	**7993**	3228	21893	.
Advanta	XS6503	**9489**	**8965**	2612	21066	.
Average		10621	10050	7090	27761 [1]	22233
LSD at 10% Level		N.S.[2]	N.S.	3366	5264	2730
Std. Err. of Entry Mean		1307	1140	1603	2507	1210
Pearl Millet						
Pennington	Pennleaf	**12022**	**8708**	**4703**	**25432**	.
SS	SS-635	**11502**	**8396**	**5330**	**25228**	.
Ga CPES	Tifleaf 3	**11317**	**8329**	**5272**	**24918**	22217
Plantation Seeds	Sawan 1001	8483	**7648**	**6153**	**22284**	.
SS	SS-501	6784	**7116**	**5264**	19165	.
Average		10022	8039	5344	23405 [3]	22217
LSD at 10% Level		3278	N.S.	N.S.	3815	-
Std. Err. of Entry Mean		1325	626	553	1542	-

Tifton, Georgia:
Evaluation of Summer Annual Forage, 2011
and Two-Year Average Yields, 2010-2011 (Continued)

1. CV = 18.1% and df for EMS = 100.
2. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
3. CV = 14.8% and df for EMS = 16.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	April 18, 2011.
Seeding Rate:	Sorghum x Sudangrass: 100,000 seed/acre in 30" rows. Millet: 4 lb seed/acre in 30" rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = High, K = Medium, and pH = 6.1.
Fertilization:	Preplant: 35 lb N, 75 lb P_2O_5, and 105 lb K_2O/acre. Sidedress: 50 lb N/acre, plus lb N/acre after 1st and 2nd harvests.
Previous Crop:	Soybeans.
Management:	Disked, subsoiled and bedded, and rototilled; Atrazine 4L and Prowl used for weed control; Lorsban used for insect control; Telone II used for nematode control; irrigated 10 inches.

Test conducted by A. Coy, R. Brooke and D. Dunn.

Griffin, Georgia:
Evaluation of Summer Annual Forage, 2011
and Two-Year Average Yields, 2010-2011

Company or Brand Name	Hybrid Name or Number	Clipping Dates 7-07-11	8-03-11	10-17-11	Season Total	2-Year Average
		--------- dry matter yield - pounds per acre ---------				
Sorghum x Sudangrass						
Alta Seeds	AS6401	**2354**	**4105**	**5801**	**12259**	**12633**
Moss	Mega Green	**2095**	**3712**	**4952**	**10759**	**11578**
Sorghum Partners	1990	**2263**	**3711**	**4631**	**10605**	.
Gayland Ward	Ensile Master	**1834**	**3860**	**4718**	**10412**	.
Sorghum Partners	Headless Trudan	**1603**	**3379**	**5310**	**10292**	.
SS	SS211A	**2135**	**3626**	4524	**10285**	.
Coffey	Surpass XL bmr	**1923**	**3168**	**4863**	9954	.
Moss	SU-2-LM	**2091**	**3068**	3996	9155	**13214**
Gayland Ward	Sweet For Ever	**1855**	**3031**	4090	8976	.
Advanta	XS6503	**1676**	**3071**	4129	8875	.
Dyna-Gro	710F	**1906**	**2825**	4124	8855	.
Alta Seeds	AS6402	**1697**	**3650**	3468	8815	**10169**
SS	SS240BD	**1725**	**3054**	3779	8557	.
SS	SS140BMR	**1867**	**3449**	3183	8499	.
Gayland Ward	Super Sugar	**2242**	**3125**	2893	8260	.
Gayland Ward	GW 300 BMR	**1849**	**2812**	3466	8127	.
Moss	SU-2-LM BMR	**1691**	**2880**	3462	8033	.
Alta Seeds	AS9301	**1746**	**3455**	2799	8001	**11222**
Grabow	8201 BMR6	**2137**	**3061**	2780	7977	.
Dyna-Gro	725F	**1513**	**3043**	3268	7824	.
Gayland Ward	GW 2120	**2050**	**2650**	2988	7689	.
Coffey	Exp3010BMR	**1927**	**2581**	3126	7634	**12388**
SS	SS220BMR	**1756**	**2613**	2619	6988	**11169**
Coffey	Maxi Gain bmr	**1394**	**2716**	2712	6823	.
Coffey	Exp2010BMR	**1407**	**2640**	2729	6776	**10307**
SS	SS130BMR	**1406**	**2772**	10	4187	**6998**
Average		1851	3156	3632	8639 [1]	11075
LSD at 10% Level		N.S.[2]	N.S.	1226	2085	N,S.
Std. Err. of Entry Mean		228	383	520	885	544

Pearl Millet		Clipping Dates 7-12-11	8-04-11	10-17-11		
SS	SS-501	**5992**	**1887**	**3076**	**10955**	.
Ga CPES	Tifleaf 3	4458	**2703**	**3152**	**10313**	9558
Plantation Seeds	Sawan 1001	3728	**2021**	**3556**	**9305**	.
SS	SS-635	4208	**2024**	**3007**	**9238**	.
Pennington	Pennleaf	3835	**2076**	**2825**	**8735**	.
Average		4444	2142	3123	9709 [3]	9558
LSD at 10% Level		1160	N.S.	N.S.	N. S.	-
Std. Err. of Entry Mean		460	242	318	640	-

Griffin, Georgia:
Evaluation of Summer Annual Forage, 2011
and Two-Year Average Yields, 2010-2011 (Continued)

1. CV = 20.1% and df for EMS = 75.
2. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
3. CV = 13.2% and df for EMS = 12.

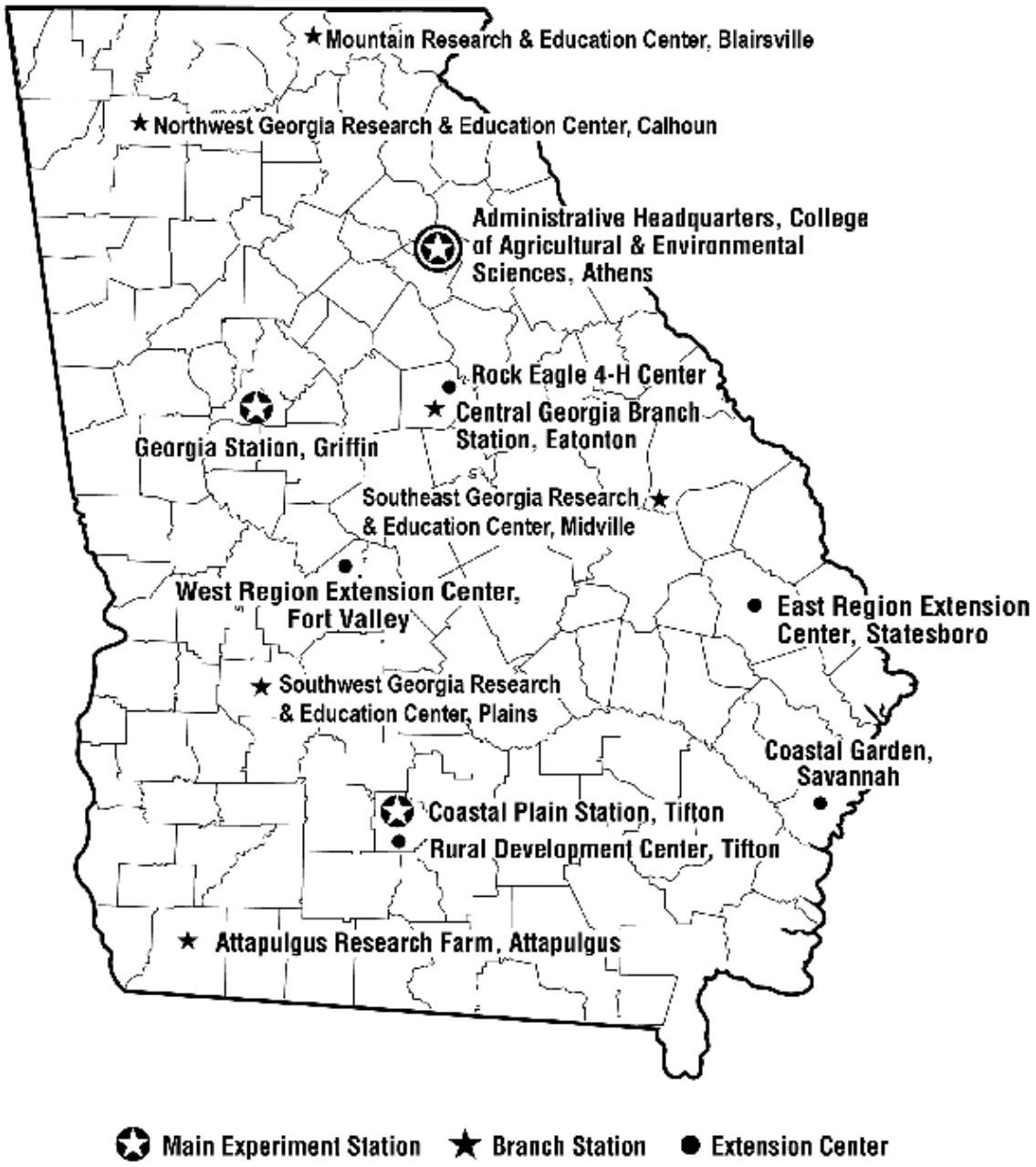
Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	May 24, 2011.
Seeding Rate:	Sorghum x Sudangrass: 100,000 seed/acre in 30" rows. Millet: 4 lb seed/acre in 30" rows.
Soil Type:	Cecil sandy loam.
Soil Test:	P = Medium, K = High, and pH = 6.0.
Fertilization:	Preplant: 50 lb N, 100 lb P_2O_5, and 150 lb K_2O/acre. Sidedress: 50 lb N/acre, plus lb N/acre after 1st and 2nd harvests.
Previous Crop:	Ryegrass forage.
Management:	Moldboard plowed, disked, and rototilled; Dual Magnum used for weed control.

Test conducted by J. Gassett and G. Ware.

Sources of Seed for the 2011 Grain Sorghum, Silage Sorghum and Summer Annual Forage Tests

Brand or Variety Name	Company and Address
Advanta, Alta Seeds	Advanta US, Inc., P.O. Drawer 2420, Hereford, TX 79015.
Coffey	Coffey Forage Seeds, Inc., 2106 S. Date St., Plainview, TX 79072.
DeKalb	Monsanto Company, 982 U.S. Hwy. 77, Bishop, TX 78343.
Dyna-Gro	Crop Production Services, 114 W. 12th St., Suite D, Tifton, GA 31974.
FL	University of Florida, NFREC, 3925 Hwy 71, Marianna, FL 32446.
Ga CPES	The University of Georgia, Crop & Soil Sciences Dept., Tifton Campus, 2360 Rainwater Rd., Tifton, GA 31793-0748.
Gayland Ward	Gayland Ward Seed Co. Inc., 4395 US Hwy 60, Hereford, TX 79045.
Grabow	Agratech Seed, P.O. Box 88823, Atlanta, GA 30356.
Moss	Walter Moss Seed Company, P.O. Box 21114, Waco, TX 76702.
Pennington	Pennington Seed, P.O. Box 290, Madison, GA 30650.
Pioneer	Pioneer Hi-Bred International, Inc., 700 Boulevard South, Suite 302, Huntsville, AL 35802.
Plantation Seeds	Mixon Seed, 1113 Pretoria Road, P.O. Box 398, Newton, GA 39870.
Sorghum Partners	Sorghum Partners Inc., P.O. Box 189, New Deal, TX 79350.
SS, Southern States	Southern States Coop, P.O. Box 26234, Richmond, VA 23260.


Mountain Research & Education Center, Blairsville
Northwest Georgia Research & Education Center, Calhoun
Administrative Headquarters, College of Agricultural & Environmental Sciences, Athens
Rock Eagle 4-H Center
Central Georgia Branch Station, Eatonton
Georgia Station, Griffin
Southeast Georgia Research & Education Center, Midville
West Region Extension Center, Fort Valley
East Region Extension Center, Statesboro
Southwest Georgia Research & Education Center, Plains
Coastal Garden, Savannah
Coastal Plain Station, Tifton
Rural Development Center, Tifton
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Robert Shulstad, Associate Dean

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ADDRESS CORRECTION REQUESTED

"CERTIFIED SEED DOESN'T COST ... IT PAYS"

HERE'S WHY:

- Known performance of varieties adapted to your area.
- A pedigree record that begins with the release of breeder seed and continues until it reaches the consumer as certified (blue tag) seed.
- Field inspected for trueness to variety and inseparable from other crop and weed seed.
- Certified seed can only be conditioned in an approved facility.
- Certified seed must meet High Quality standards as to germination and purity.
- Free of noxious weeds.

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Association, Inc. (706-542-2351)