

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 -----									
<u>Maturity Group V</u>									
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. 6911NR	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

Company/Brand	Variety	2011 Yield ¹						Statewide	
		Late-Planted		Early-Planted				Average ²	
		Griffin	Plains	Athens	Midville	Plains	Tifton	2011	2-Year
----- bu/acre -----									
<u>Maturity Group VII and VIII</u>									
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)

Company/Brand	Variety	2011 Yield ¹						Statewide	
		Late-Planted		Early-Planted				Average ²	
		Griffin	Plains	Athens	Midville	Plains	Tifton	2011	2-Year
----- bu/acre -----									
<u>Maturity Group VII and VIII - continued</u>									
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		North ³		Statewide ⁴	
		2011	2-Year Average	2011	2-Year Average	2011	2-Year Average
		----- bu/acre -----					
<u>Maturity Group V</u>							
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		North ³		Statewide ⁴	
		2011	2-Year Average	2011	2-Year Average	2011	2-Year Average
		----- bu/acre -----					
<u>Maturity Groups VI</u>							
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		North ³		Statewide ⁴	
		2011	2-Year Average	2011	2-Year Average	2011	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		North ³		Statewide ⁴	
		2011	2-Year Average	2011	2-Year Average	2011	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 bu/acre	2011 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group V</u>										
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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VI</u>										
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 bu/acre	2011 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII</u>										
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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII - continued</u>										
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 P₂O₅, and 79 lb K₂O/acre.

Previous Crop: Corn.

Management: Disked, subsoiled and bedded; Prowl, Basagran, Select, Ultra Blazer and Classic used for weed control; Tracer and Discipline used for 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 bu/acre	2011 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group V</u>										
SS	RT5760N	45.1	5 ¹	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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VI</u>										
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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII</u>										
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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII - continued</u>										
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 P₂O₅, and 80 lb K₂O/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 bu/acre	2011 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII</u>										
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 bu/acre	2011 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII - continued</u>										
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 P₂O₅, and 80 lb K₂O/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 bu/acre	2011 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group V</u>										
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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VI</u>										
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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII</u>										
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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII - continued</u>										
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 P₂O₅, and 60 lb K₂O/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 bu/acre	2011 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group V</u>										
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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VI</u>										
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: Applying coarse sandy loam.

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

Fertilization: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/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 bu/acre	2011 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII</u>										
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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII - continued</u>										
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 P₂O₅, and 90 lb K₂O/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 bu/acre	2011 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
<u>Maturity Group V</u>									
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 bu/acre	2011 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
<u>Maturity Group VI</u>									
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 bu/acre	Maturity date	Plant Ht in	Lodging ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
<u>Maturity Groups VII and VIII</u>									
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 bu/acre	Maturity date	Plant Ht in	Lodging ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
<u>Maturity Groups VII and VIII - continued</u>									
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 P₂O₅, and 105 lb K₂O/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 bu/acre	2011 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group V</u>										
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 bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VI</u>										
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: May 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 P₂O₅, and 175 lb K₂O/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.