

SOYBEAN

Summary of Soybean Variety Performance at Six Locations, 2013

Company/Brand	Variety	2013 Yield ¹						Statewide Average ²	
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	2013	2-Year
----- bu/acre -----									
Maturity Group V									
AGSouth	AGS 5911LL	56.7	42.8	70.1	56.2	69.7	61.5	59.5	59.4
AR	R04-1250RR	56.3	43.1	54.0	49.5	71.1	48.7	53.8	.
AR	R04-1268RR	59.4	45.3	49.2	44.9	70.2	52.0	53.5	.
AR	UA 5612	59.1	37.8	62.7	47.5	80.5	44.8	55.4	56.9
AgSouth	AGS 533 LL	58.2	48.2	61.9	50.3	76.5	63.2	59.7	.
AgSouth	AGS 568RR	56.8	44.8	58.0	49.9	79.7	51.2	56.7	.
Armor	53-R16	61.8	49.1	58.0	45.9	71.6	56.5	57.2	.
Armor	53-R88	53.3	53.1	61.1	47.5	73.5	68.8	59.5	.
Armor	55-R22	55.1	45.0	59.9	44.8	72.1	59.6	56.1	.
Armor	X1413	62.4	53.3	60.7	47.6	63.8	63.4	58.5	.
Armor	X1425	52.2	37.7	58.6	46.7	75.4	48.9	53.3	.
Asgrow	AG5534	56.3	44.8	55.2	54.3	74.3	48.6	55.6	.
Asgrow	AG5634	57.8	40.2	51.8	48.3	68.2	61.9	54.7	.
Bayer	HBK LL4950	64.1	48.8	53.6	54.0	74.9	65.4	60.1	.
Bayer	HBK LL5350	59.3	50.1	66.7	55.1	72.0	58.7	60.3	.
Bayer	HBK RY5221	53.2	42.0	59.1	45.7	43.9	60.1	50.7	.
Bayer	HBK RY5421	61.4	38.6	54.8	52.1	74.7	54.4	56.0	56.1
Croplan Genetics	R2C5103	59.4	48.7	62.7	50.0	66.6	62.3	58.3	.
Croplan Genetics	R2C5673	62.2	47.9	53.4	54.9	84.1	68.8	61.9	.
Go Soy	5312 LL	54.9	46.1	57.7	49.2	73.1	57.8	56.5	.
Go Soy	5410 LL	58.6	48.4	64.7	50.2	80.6	56.4	59.8	57.5
Halo	5:01	58.6	47.9	63.9	53.9	76.1	65.5	61.0	.
Halo	5:26	56.7	50.0	73.1	47.1	67.7	51.9	57.7	.
Halo	5:45	61.8	54.0	63.0	56.9	73.4	56.5	60.9	.
Halo	X530	52.4	39.9	54.1	50.7	70.5	49.7	52.9	.
NK	S57-K3 Brand	63.7	43.6	52.0	53.1	80.1	62.6	59.2	.
NK	NK S52-Y2 Brand	59.8	56.1	64.6	57.5	65.6	63.5	61.2	.
Pioneer	95Y61	55.6	39.2	68.0	50.4	77.2	63.1	58.9	59.2
Pioneer	95Y70	56.9	41.6	52.8	52.6	78.2	48.8	55.2	56.2
Pioneer	95Y71	61.5	42.9	58.7	56.0	74.5	47.3	56.8	56.7
Pioneer	95Y80	59.6	48.1	55.4	51.9	74.6	59.3	58.1	.
Pioneer	P54T94R	58.0	48.6	64.1	51.9	77.6	59.7	60.0	.
Public Variety	NC Miller	60.5	49.0	67.5	47.6	78.2	44.5	57.9	.
Public Variety	Osage	53.6	48.3	66.1	48.5	68.7	44.6	55.0	57.2
Public Variety	Ozark	52.5	45.8	63.6	48.9	74.2	49.3	55.7	55.4
SS	5513N R2	59.0	41.5	57.4	52.3	77.0	65.1	58.7	.
SS	5711 R2	54.7	40.9	65.2	45.4	82.9	61.8	58.5	.
SS	5911 R2	54.6	39.0	56.6	42.2	77.7	46.4	52.8	.
SS	LL595N	51.8	49.1	66.2	51.8	69.7	60.0	58.1	56.7
SS	SS5511NR2	53.0	43.1	60.8	53.3	74.6	53.1	56.3	56.2
Schillinger	5220.RC	61.3	54.1	65.9	47.2	63.7	60.7	58.8	59.3
Schillinger	557.RC	50.0	44.5	55.4	43.5	71.7	55.4	53.4	56.4
Terral-REV®	56R21™	54.6	41.2	58.4	51.2	76.8	49.9	55.4	55.0
Terral-REV®	56R63™	61.8	40.3	56.2	51.8	79.1	68.2	59.6	59.0
Terral-REV®	57R21™	51.9	44.3	60.7	51.9	72.9	59.5	56.9	55.8
Terral-REV®	59R13™	52.5	44.8	69.4	49.1	59.7	50.9	54.4	55.5
Average		57.3	45.5	60.3	50.3	73.0	56.7	57.2	57.0
LSD at 10% Level		6.2	5.9	10.0	3.9	5.3	6.8	2.9	3.5
Std. Err. of Entry Mean		2.6	2.5	3.7	1.7	2.3	2.9	1.2	1.0

Summary of Soybean Variety Performance at Six Locations, 2013 (Continued)

Company/Brand	Variety	2013 Yield ¹						Statewide Average ²	
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	2013	2-Year
----- bu/acre -----									
Maturity Group VI									
Armor	X1426	59.7	36.0	67.8	45.5	77.2	47.9	55.7	.
Armor	X1427	52.0	27.4	55.4	58.2	81.4	34.8	51.5	.
Asgrow	AG6534	64.2	34.8	67.8	53.9	71.1	44.8	56.1	.
Asgrow	AG6834	54.8	31.5	52.3	58.8	81.3	53.0	55.3	.
CG	3R2C67	56.2	33.5	68.6	57.0	77.8	28.1	53.5	.
CG	R2C6192	62.9	44.1	62.5	47.5	78.6	39.9	55.9	.
CG	R2C6810	54.0	33.5	58.7	58.5	73.2	59.9	56.3	57.5
Dyna-Gro	36RY68	52.1	31.6	46.4	55.1	74.4	51.8	51.9	55.9
Dyna-Gro	S61RY93	59.5	36.1	50.1	45.9	74.4	44.1	51.7	.
Dyna-Gro	S65RY73	59.4	38.6	57.4	49.5	84.3	64.8	59.0	.
Dyna-Gro	S69RY34	50.8	27.7	53.0	57.1	70.6	47.4	51.1	.
NK	S67-R6 Brand	59.9	37.9	57.2	58.6	81.2	63.4	59.7	61.6
NK	S68-D4	55.0	32.4	49.6	46.8	69.2	52.1	50.8	.
Public Variety	Musen	48.3	27.6	45.2	53.0	76.8	47.8	49.8	53.5
Public Variety	NC Roy	55.2	28.1	47.9	54.9	78.1	43.8	51.3	.
SS	6713N R2	53.0	33.4	55.6	55.9	75.4	34.4	51.3	.
SS	SS 6810NR2	53.1	34.7	56.6	54.2	74.9	61.2	55.8	57.8
Average		55.9	33.5	56.0	53.6	76.5	48.2	53.9	57.3
LSD at 10% Level		6.8	4.3	9.8	3.9	4.5	7.7	N.S.	2.4
Std. Err. of Entry Mean		2.8	1.8	4.1	1.6	1.9	3.2	1.5	1.0

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).

Summary of MG VII and VIII Soybean Variety Performance at Six Locations, 2013

Company/Brand	Variety	2013 Yield ¹						Statewide ²	
		Late-Planted		Early-Planted				Average	
		Griffin	Tifton	Athens	Midville	Plains	Tifton	2013	2-Year
----- bu/acre -----									
Maturity Group VII and VIII									
AGSouth	AGS 828 RR	48.6	24.3	68.3	54.8	83.2	48.2	54.6	58.3
AgSouth	AGS 70R26	47.4	32.7	68.4	57.4	76.8	59.2	57.0	.
AgSouth	AGS 75R27	47.0	32.6	75.3	53.1	74.4	63.3	57.6	.
AgSouth	AGS 767 RR	42.5	33.7	73.9	54.1	76.3	55.1	55.9	55.0
AgSouth	AGS Prichard RR	38.6	32.6	62.0	55.2	71.2	57.0	52.8	53.5
AgSouth	AGS Woodruff	46.6	28.3	79.6	55.5	80.3	74.6	60.8	61.5
AgSouth	AGS787 RR	52.2	24.8	69.2	50.4	76.3	65.3	56.4	56.6
Armor	X1428	47.1	20.2	69.7	54.4	71.8	58.7	53.6	.
Asgrow	AG7733	45.8	38.7	73.1	60.1	86.4	67.6	61.9	59.7
Asgrow	AG7934	47.5	29.4	74.6	55.9	81.9	70.3	59.9	.
Bayer	HBK R7028	44.5	29.5	70.2	50.6	72.9	64.3	55.3	53.6
Bayer	HBK RY7523	48.9	28.0	73.2	55.4	66.3	59.5	55.2	.
CG	3R2C70	57.7	24.8	73.6	56.8	73.4	46.2	55.4	.
CG	R2C7390	46.4	28.5	72.3	55.3	82.7	66.8	58.7	.
Croplan Genetics	R2C7622	48.4	40.2	74.2	47.2	78.5	54.3	57.1	58.1
Dyna-Gro	34RY75	54.6	39.9	83.4	47.3	81.1	58.3	60.8	61.3
Dyna-Gro	SX13875R	53.1	29.1	68.4	52.0	73.4	65.8	57.0	.
NK	S74-M3 Brand	41.3	38.8	79.8	57.4	86.2	54.5	59.7	58.2
NK	S77-T7 Brand	50.4	35.7	68.2	50.3	85.4	62.6	58.8	60.4
NK	S78-G6 Brand	39.9	34.0	65.8	53.6	76.5	63.5	55.5	54.8
Pioneer	97M50	40.3	33.1	63.5	54.7	76.0	67.8	55.9	55.7
Public Variety	Cook	47.3	33.4	56.4	55.0	74.4	54.9	53.6	54.8
Public Variety	Motte	45.3	31.4	63.9	52.3	75.1	60.6	54.7	54.5
Public Variety	N7003CN	44.6	17.2	67.4	59.5	76.4	48.3	52.2	.
Public Variety	NC Raleigh	47.0	19.3	71.8	55.0	79.5	66.5	56.5	.
Public Variety	Santee	45.4	30.6	66.2	52.9	78.8	67.0	56.8	55.5
SC	SC03-062	45.6	23.3	68.2	56.9	75.0	68.6	56.2	58.0
SC	SC04-306	42.1	26.1	67.8	57.5	80.5	52.0	54.3	55.3
SC	SC07-108	43.2	30.1	73.0	55.9	80.3	43.5	54.3	.
SC	SC07-1518	47.8	34.1	72.6	58.4	76.3	65.0	59.0	.
SS	SS7511NR2	42.3	32.4	69.1	54.8	81.6	61.9	57.0	58.5
UGA	G00-3213	50.4	37.9	77.2	56.9	77.4	82.8	63.8	.
UGA	G00-3880	37.9	16.6	77.0	48.0	79.6	57.9	52.8	.
UGA	G06-3182RR	48.7	24.8	68.9	54.5	80.7	73.6	58.5	59.6
UGA	G08-3279RR	47.4	27.1	65.8	55.4	75.4	64.1	55.9	56.0
UGA	G08-4200RR	30.1	30.7	63.9	53.4	75.5	76.0	54.9	57.6
UGA	G08-5122RR	40.6	30.5	66.7	56.3	71.2	69.4	55.8	57.6
UGA	G09-3202R2	35.0	26.6	65.0	46.6	77.0	62.9	52.2	.
UGA	G10PR-224R2	38.6	35.6	70.9	58.4	83.1	62.8	58.2	.
UGA	G10PR-56248R2	46.4	27.4	69.8	54.3	70.7	64.9	55.6	56.4
UGA	G10PR-56264R2	53.8	36.9	72.0	58.5	81.4	67.1	61.6	.
UGA	G10PR-56330R2	33.2	30.2	63.4	55.5	75.7	74.8	55.5	.
UGA	G10PR-56444R2	44.6	33.7	73.6	59.1	82.4	71.0	60.7	.
UGA	G10PR-86R2	45.1	31.2	78.2	54.6	83.3	64.8	59.6	.
UGA	G12PR-6354AR2	45.3	30.8	69.1	48.3	78.0	56.4	54.7	.

Summary of MG VII and VIII Soybean Variety Performance at Six Locations, 2013 (Continued)

Company/Brand	Variety	2013 Yield ¹						Statewide ²	
		Late-Planted		Early-Planted				Average	
		Griffin	Tifton	Athens	Midville	Plains	Tifton	2013	2-Year
----- bu/acre -----									
Maturity Group VII and VIII - continued									
UGA	G12PR-6354BR2	43.6	32.9	67.3	58.7	78.3	58.2	56.5	.
UGA	G12PR-7R2	43.2	18.4	77.5	53.3	77.3	83.1	58.8	.
USG	77S13R	48.2	26.1	70.4	52.7	70.9	56.7	54.2	.
USG	77S40R2	54.2	28.8	73.9	54.3	79.5	55.7	57.7	56.8
USG	77S63R	59.3	33.4	69.0	53.4	76.7	61.9	58.9	.
Average		45.7	29.9	70.4	54.4	77.7	62.7	56.8	57.1
LSD at 10% Level		7.3	7.2	8.2	3.8	5.3	8.0	5.8	3.5
Std. Err. of Entry Mean		3.1	2.3	3.5	1.6	2.2	3.4	2.5	1.5

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 MG V and VI Soybean Variety Performance, 2013

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide ⁴	
		2013	2-Year Average	2013	2-Year Average	2013	2-Year Average
----- bu/acre -----							
<u>Maturity Group V</u>							
AGSouth	AGS 5911LL	62.4	59.5	56.6	59.3	59.5	59.4
AR	R04-1250RR	56.5	.	51.1	.	53.8	.
AR	R04-1268RR	55.7	.	51.3	.	53.5	.
AR	UA 5612	57.6	56.7	53.2	57.1	55.4	56.9
AgSouth	AGS 533 LL	63.3	.	56.1	.	59.7	.
AgSouth	AGS 568RR	60.3	.	53.2	.	56.7	.
Armor	53-R16	58.0	.	56.3	.	57.2	.
Armor	53-R88	63.3	.	55.8	.	59.5	.
Armor	55-R22	58.8	.	53.3	.	56.1	.
Armor	X1413	58.3	.	58.8	.	58.5	.
Armor	X1425	57.0	.	49.5	.	53.3	.
Asgrow	AG5534	59.1	.	52.1	.	55.6	.
Asgrow	AG5634	59.5	.	49.9	.	54.7	.
Bayer	HBK LL4950	64.8	.	55.5	.	60.1	.
Bayer	HBK LL5350	61.9	.	58.7	.	60.3	.
Bayer	HBK RY5221	49.9	.	51.4	.	50.7	.
Bayer	HBK RY5421	60.4	58.9	51.6	53.3	56.0	56.1
Croplan Genetics	R2C5103	59.6	.	56.9	.	58.3	.
Croplan Genetics	R2C5673	69.2	.	54.5	.	61.9	.
Go Soy	5312 LL	60.0	.	52.9	.	56.5	.
Go Soy	5410 LL	62.4	58.0	57.3	57.0	59.8	57.5
Halo	5:01	65.2	.	56.8	.	61.0	.
Halo	5:26	55.6	.	59.9	.	57.7	.
Halo	5:45	62.3	.	59.6	.	60.9	.
Halo	X530	56.9	.	48.8	.	52.9	.
NK	S57-K3 Brand	65.2	.	53.1	.	59.2	.
NK	S52-Y2 Brand	62.2	.	60.2	.	61.2	.
Pioneer	95Y61	63.6	63.6	54.3	54.8	58.9	59.2
Pioneer	95Y70	59.9	58.3	50.4	54.1	55.2	56.2
Pioneer	95Y71	59.3	57.0	54.3	56.4	56.8	56.7
Pioneer	95Y80	61.9	.	54.4	.	58.1	.
Pioneer	P54T94R	63.1	.	56.9	.	60.0	.
Public Variety	NC Miller	56.8	.	59.0	.	57.9	.
Public Variety	Osage	53.9	56.1	56.0	58.2	55.0	57.2
Public Variety	Ozark	57.5	56.5	54.0	54.3	55.7	55.4
SS	5513N R2	64.8	.	52.6	.	58.7	.
SS	5711 R2	63.3	.	53.6	.	58.5	.
SS	5911 R2	55.5	.	50.1	.	52.8	.
SS	LL595N	60.5	59.9	55.7	53.6	58.1	56.7
SS	SS5511NR2	60.3	56.1	52.3	56.2	56.3	56.2
Schillinger	5220.RC	57.2	55.9	60.4	62.6	58.8	59.3
Schillinger	557.RC	56.8	55.8	49.9	56.9	53.4	56.4
Terral-REV®	56R21™	59.3	56.2	51.4	53.8	55.4	55.0
Terral-REV®	56R63™	66.4	63.9	52.8	54.1	59.6	59.0
Terral-REV®	57R21™	61.5	56.8	52.3	54.7	56.9	55.8
Terral-REV®	59R13™	53.2	54.5	55.6	56.5	54.4	55.5
Average		60.0	57.9	54.4	56.1	57.2	57.0
LSD at 10% Level		N.S. ⁵	N.S.	4.9	3.5	2.9	3.5
Std. Err. of Entry Mean		1.3	7.2	2.1	1.5	1.2	1.0

Regional Summary of MG V and VI Soybean Variety Performance, 2013 (Continued)

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide ⁴	
		2013	2-Year Average	2013	2-Year Average	2013	2-Year Average
----- bu/acre -----							
Maturity Group VI							
Armor	X1426	56.8	.	54.5	.	55.7	.
Armor	X1427	58.1	.	44.9	.	51.5	.
Asgrow	AG6534	56.6	.	55.6	.	56.1	.
Asgrow	AG6834	64.4	.	46.2	.	55.3	.
CG	3R2C67	54.3	.	52.8	.	53.5	.
CG	R2C6192	55.4	.	56.5	.	55.9	.
CG	R2C6810	63.9	.	48.8	.	56.3	57.5
Dyna-Gro	36RY68	60.4	.	43.4	.	51.9	55.9
Dyna-Gro	S61RY93	54.8	.	48.6	.	51.7	.
Dyna-Gro	S65RY73	66.2	.	51.8	.	59.0	.
Dyna-Gro	S69RY34	58.4	.	43.8	.	51.1	.
NK	S67-R6 Brand	67.8	.	51.7	.	59.7	61.6
NK	S68-D4	56.0	.	45.7	.	50.8	.
Public Variety	Musen	59.2	.	40.4	.	49.8	53.5
Public Variety	NC Roy	58.9	.	43.7	.	51.3	.
SS	6713N R2	55.2	.	47.3	.	51.3	.
SS	SS 6810NR2	63.4	.	48.1	.	55.8	57.8
Average		59.4	.	48.5	.	53.9	57.3
LSD at 10% Level		N.S.		6.3		N.S.	2.4
Std. Err. of Entry Mean		1.4		2.7		1.5	1.0

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 MG VII and VIII Soybean Variety Performance, 2013

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide ⁴	
		2013	2-Year Average	2013	2-Year Average	2013	2-Year Average
----- bu/acre -----							
Maturity Group VII and VIII							
AGSouth	AGS 828 RR	52.6	62.2	58.4	50.4	54.6	58.3
AgSouth	AGS 70R26	56.6	.	57.9	.	57.0	.
AgSouth	AGS 75R27	55.9	.	61.2	.	57.6	.
AgSouth	AGS 767 RR	54.8	58.0	58.2	49.1	55.9	55.0
AgSouth	AGS Prichard RR	54.0	57.9	50.3	44.7	52.8	53.5
AgSouth	AGS Woodruff	59.7	63.5	63.1	57.4	60.8	61.5
AgSouth	AGS787 RR	54.2	58.9	60.7	52.1	56.4	56.6
Armor	X1428	51.3	.	58.4	.	53.6	.
Asgrow	AG7733	63.2	63.8	59.4	51.6	61.9	59.7
Asgrow	AG7934	59.4	.	61.0	.	59.9	.
Bayer	HBK R7028	54.3	55.8	57.3	49.2	55.3	53.6
Bayer	HBK RY7523	52.3	.	61.0	.	55.2	.
CG	3R2C70	50.3	.	65.6	.	55.4	.
CG	R2C7390	58.3	.	59.3	.	58.7	.
Croplan Genetics	R2C7622	55.1	60.5	61.3	53.2	57.1	58.1
Dyna-Gro	34RY75	56.6	63.4	69.0	57.2	60.8	61.3
Dyna-Gro	SX13875R	55.1	.	60.7	.	57.0	.
NK	S74-M3 Brand	59.2	60.6	60.6	53.5	59.7	58.2
NK	S77-T7 Brand	58.5	64.0	59.3	53.3	58.8	60.4
NK	S78-G6 Brand	56.9	58.2	52.8	48.1	55.5	54.8
Pioneer	97M50	57.9	59.4	51.9	48.3	55.9	55.7
Public Variety	Cook	54.4	59.9	51.8	44.4	53.6	54.8
Public Variety	Motte	54.8	58.4	54.6	46.8	54.7	54.5
Public Variety	N7003CN	50.3	.	56.0	.	52.2	.
Public Variety	NC Raleigh	55.1	.	59.4	.	56.5	.
Public Variety	Santee	57.3	59.1	55.8	48.2	56.8	55.5
SC	SC03-062	55.9	62.1	56.9	49.6	56.2	58.0
SC	SC04-306	54.0	59.1	54.9	47.8	54.3	55.3
SC	SC07-108	52.5	.	58.1	.	54.3	.
SC	SC07-1518	58.4	.	60.2	.	59.0	.
SS	SS7511NR2	57.7	61.7	55.7	52.1	57.0	58.5
UGA	G00-3213	63.7	.	63.8	.	63.8	.
UGA	G00-3880	50.5	.	57.4	.	52.8	.
UGA	G06-3182RR	58.4	63.7	58.8	51.3	58.5	59.6
UGA	G08-3279RR	55.5	59.1	56.6	49.6	55.9	56.0
UGA	G08-4200RR	58.9	63.1	47.0	46.5	54.9	57.6
UGA	G08-5122RR	56.9	63.0	53.7	46.7	55.8	57.6
UGA	G09-3202R2	53.3	.	50.0	.	52.2	.
UGA	G10PR-224R2	60.0	.	54.8	.	58.2	.
UGA	G10PR-56248R2	54.3	59.2	58.1	50.8	55.6	56.4
UGA	G10PR-56264R2	61.0	.	62.9	.	61.6	.
UGA	G10PR-56330R2	59.0	.	48.3	.	55.5	.
UGA	G10PR-56444R2	61.6	.	59.1	.	60.7	.
UGA	G10PR-86R2	58.5	.	61.7	.	59.6	.
UGA	G12PR-6354AR2	53.4	.	57.2	.	54.7	.

Regional Summary of MG VII and VIII Soybean Variety Performance, 2013 (Continued)

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide ⁴	
		2013	2-Year Average	2013	2-Year Average	2013	2-Year Average
----- bu/acre -----							
Maturity Group VII and VIII - continued							
UGA	G12PR-6354BR2	57.0	.	55.5	.	56.5	.
UGA	G12PR-7R2	58.0	.	60.3	.	58.8	.
USG	77S13R	51.6	.	59.3	.	54.2	.
USG	77S40R2	54.6	57.9	64.0	54.5	57.7	56.8
USG	77S63R	56.3	.	64.1	.	58.9	.
Average		56.2	60.5	58.1	50.3	56.8	57.1
LSD at 10% Level		5.8	N.S. ⁵	8.1	5.2	5.8	3.5
Std. Err. of Entry Mean		2.5	1.5	3.5	2.2	2.5	1.5

1. Yields calculated at 13% moisture.
2. Midville, Plains, Tifton, and Tifton Late-Planted..
3. Athens and Griffin Late-Planted.
4. Five locations with total of 6 tests.
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).

Tifton, Georgia: Soybean Variety Performance, 2013, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2013 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
Maturity Group V										
Terral-REV®	56R63™	64.5	2	68.2	09/26	37	1.3	12.6	1.2	1.0
Pioneer	95Y61	61.0	9	63.1	09/24	31	1.0	13.6	1.5	1.0
SS	LL595N	57.3	17	60.0	09/23	31	1.0	11.5	1.5	1.0
AGSouth	AGS 5911LL	57.2	14	61.5	09/24	28	1.0	11.3	1.5	1.0
Schillinger	557.RC	52.5	26	55.4	09/22	28	1.0	12.1	1.5	1.0
Terral-REV®	57R21™	51.7	20	59.5	09/19	37	1.7	12.7	1.7	1.0
SS	SS5511NR2	51.2	28	53.1	09/18	31	1.0	15.6	1.7	1.0
Bayer	HBK RY5421	51.0	27	54.4	09/19	28	1.0	12.0	1.3	1.0
Schillinger	5220.RC	50.7	15	60.7	09/17	35	1.0	13.9	1.5	1.0
AR	UA 5612	50.0	42	44.8	09/17	31	1.3	10.8	1.5	1.0
Terral-REV®	59R13™	49.6	32	50.9	09/21	28	1.0	12.3	1.3	1.0
Pioneer	95Y71	49.2	40	47.3	09/16	29	1.0	11.2	1.5	1.0
Go Soy	5410 LL	48.7	25	56.4	09/15	33	1.0	13.4	1.5	1.0
Pioneer	95Y70	48.4	37	48.8	09/25	37	1.0	10.4	1.0	1.0
Public Variety	Ozark	47.3	35	49.3	09/18	30	1.0	13.1	1.2	1.0
Public Variety	Osage	46.9	43	44.6	09/13	25	1.0	10.6	1.3	1.0
Terral-REV®	56R21™	46.3	33	49.9	09/18	31	1.0	11.6	1.5	1.0
Croplan Genetics	R2C5673	.	1 ^T	68.8	09/23	35	1.0	13.3	1.5	1.0
Armor	53-R88	.	1 ^T	68.8	09/23	31	1.0	15.2	1.3	1.0
Halo	5:01	.	3	65.5	09/15	35	1.0	13.5	1.8	1.0
Bayer	HBK LL4950	.	4	65.4	09/16	33	1.0	14.0	1.7	1.0
SS	5513N R2	.	5	65.1	09/23	35	1.0	13.1	1.7	1.0
NK S52-Y2 Brand	NK S52-Y2 Brand	.	6	63.5	09/15	29	1.0	16.2	1.7	1.0
Armor	X1413	.	7	63.4	09/09	37	1.7	14.5	1.8	1.0
AgSouth	AGS 533 LL	.	8	63.2	09/15	35	1.0	13.6	1.7	1.0
NK	S57-K3 Brand	.	10	62.6	09/26	33	1.0	12.5	2.0	1.0
Croplan Genetics	R2C5103	.	11	62.3	09/13	36	1.3	15.5	1.7	1.0
Asgrow	AG5634	.	12	61.9	09/21	41	2.3	14.8	2.0	1.0
SS	5711 R2	.	13	61.8	09/23	32	1.0	15.2	1.7	1.0
Bayer	HBK RY5221	.	16	60.1	09/15	39	2.3	16.7	3.0	1.0
Pioneer	P54T94R	.	18	59.7	09/19	29	1.0	12.9	1.7	1.0
Armor	55-R22	.	19	59.6	09/21	29	1.0	15.0	1.5	1.0
Pioneer	95Y80	.	21	59.3	09/25	29	1.0	12.8	1.2	1.0
Bayer	HBK LL5350	.	22	58.7	09/23	26	1.0	11.7	1.8	1.0
Go Soy	5312 LL	.	23	57.8	09/17	39	2.0	13.6	1.7	1.0
Halo	5:45	.	24 ^T	56.5	09/22	29	1.0	10.9	1.3	1.0
Armor	53-R16	.	24 ^T	56.5	09/18	32	1.0	11.6	2.0	1.0
AR	R04-1268RR	.	29	52.0	09/16	28	1.0	11.1	1.7	1.0
Halo	5:26	.	30	51.9	09/19	28	1.0	15.5	1.5	1.0
AgSouth	AGS 568RR	.	31	51.2	09/20	31	1.0	11.8	1.0	1.0
Halo	X530	.	34	49.7	09/17	41	1.3	13.3	1.7	1.0
Armor	X1425	.	36	48.9	10/02	25	1.0	11.4	2.0	1.0
AR	R04-1250RR	.	38	48.7	09/20	29	1.0	12.2	1.3	1.0
Asgrow	AG5534	.	39	48.6	09/19	31	1.0	13.0	2.3	1.0
SS	5911 R2	.	41	46.4	10/01	26	1.0	11.0	2.0	1.0
Public Variety	NC Miller	.	44	44.5	09/20	25	1.0	13.5	2.2	1.0
Average		52.0		56.7 ⁵	09/20	32	1.1	13.0	1.6	1.0
LSD at 10% Level		9.3		6.8	03	3	0.4	1.0	0.4	-
Std. Err. of Entry Mean		2.3		2.9	01	1	0.2	0.4	0.2	-

Tifton, Georgia: Soybean Variety Performance, 2013, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2013 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>										
NK	S67-R6 Brand	63.4	2	63.4	10/05	33	1.0	12.9	1.5	1.0
SS	SS 6810NR2	60.8	3	61.2	10/12	33	1.0	15.9	2.0	1.0
CG	R2C6810	60.7	4	59.9	10/12	31	1.0	13.6	1.8	1.0
Dyna-Gro	36RY68	53.3	7	51.8	10/10	29	1.0	12.7	1.8	1.0
Public Variety	Musen	52.6	9	47.8	10/10	33	1.0	12.2	1.7	1.0
Dyna-Gro	S65RY73	.	1	64.8	10/07	31	1.0	12.2	1.5	1.0
Asgrow	AG6834	.	5	53.0	10/11	33	1.0	13.5	1.5	1.0
NK	S68-D4	.	6	52.1	10/06	33	1.0	13.5	1.3	1.0
Armor	X1426	.	8	47.9	10/07	24	1.0	10.8	1.8	1.0
Dyna-Gro	S69RY34	.	10	47.4	10/07	35	1.0	12.9	1.5	1.0
Asgrow	AG6534	.	11	44.8	10/08	30	1.0	11.1	1.5	1.0
Dyna-Gro	S61RY93	.	12	44.1	10/05	25	1.0	10.2	1.7	1.0
Public Variety	NC Roy	.	13	43.8	10/02	29	1.0	12.2	1.2	1.0
CG	R2C6192	.	14	39.9	10/04	25	1.0	10.5	2.2	1.0
Armor	X1427	.	15	34.8	09/28	29	1.0	11.1	1.7	1.0
SS	6713N R2	.	16	34.4	10/04	26	1.0	11.5	1.3	1.0
CG	3R2C67	.	17	28.1	10/03	27	1.0	10.7	1.5	1.0
Average		58.2		48.2 ⁶	10/06	30	1.0	12.2	1.6	1.0
LSD at 10% Level		6.2		7.7	02	3	-	N.S. ⁷	N.S.	-
Std. Err. of Entry Mean		1.9		3.2	01	1	-	0.7	0.2	-
<u>Maturity Group VII and VIII</u>										
UGA	G08-4200RR	73.0	3	76.0	10/04	40	2.0	11.6	1.5	1.0
UGA	G06-3182RR	70.9	6	73.6	10/14	33	1.0	13.5	1.7	1.0
AgSouth	AGS Woodruff	70.8	5	74.6	10/16	32	1.0	16.1	1.3	1.0
SC	SC03-062	68.7	10	68.6	10/17	31	1.0	14.4	1.7	1.0
UGA	G08-5122RR	67.1	9	69.4	10/14	41	2.0	13.6	1.3	1.0
NK	S77-T7 Brand	65.8	28	62.6	10/15	35	1.0	13.3	1.3	1.0
SS	SS7511NR2	63.9	29 ^T	61.9	10/12	37	1.0	14.5	1.7	1.0
AgSouth	AGS787 RR	63.8	18	65.3	10/09	35	1.0	13.9	1.3	1.0
UGA	G10PR-56248R2	62.8	20	64.9	10/13	39	1.0	13.9	1.5	1.0
NK	S78-G6 Brand	62.8	24	63.5	10/14	35	1.0	17.8	1.5	1.0
Croplan Genetics	R2C7622	62.7	44	54.3	10/17	29	1.0	12.7	1.5	1.0
Pioneer	97M50	62.6	11	67.8	10/09	33	1.0	14.1	1.5	1.0
AGSouth	AGS 828 RR	61.7	47	48.2	10/13	41	2.0	11.1	1.5	1.0
Public Variety	Motte	61.1	30	60.6	10/09	45	3.0	12.8	1.5	1.0
Public Variety	Santee	60.7	14	67.0	10/14	41	2.0	14.7	1.2	1.0
Dyna-Gro	34RY75	60.5	34	58.3	10/16	29	1.0	12.9	1.7	1.0
Asgrow	AG7733	60.2	112	67.6	10/16	35	1.0	17.6	1.5	1.0
UGA	G08-3279RR	58.7	23	64.1	10/16	41	1.0	14.1	1.5	1.0
AgSouth	AGS Prichard RR	57.3	37	57.0	10/18	43	2.0	12.5	1.3	1.0
Public Variety	Cook	56.5	42	54.9	10/14	36	1.0	14.8	1.5	1.0
USG	77S40R2	54.6	40	55.7	10/13	32	1.0	13.4	1.8	1.0
AgSouth	AGS 767 RR	54.1	41	55.1	10/11	31	1.0	10.9	1.5	1.0
NK	S74-M3 Brand	53.8	43	54.5	10/11	35	1.0	14.9	1.7	1.0
Bayer	HBK R7028	53.5	22	64.3	10/12	38	1.0	15.0	1.5	1.0
SC	SC04-306	48.7	45	52.0	10/15	37	1.0	12.9	1.5	1.0

Tifton, Georgia: Soybean Variety Performance, 2013, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2013 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
Maturity Group VII and VIII - continued										
UGA	G12PR-7R2	.	1	83.1	10/14	34	1.0	18.5	1.5	1.0
UGA	G00-3213	.	2	82.8	10/13	33	1.0	17.2	1.5	1.0
UGA	G10PR-56330R2	.	4	74.8	10/16	37	1.0	15.1	1.7	1.0
UGA	G10PR-56444R2	.	7	71.0	10/15	33	1.0	14.2	1.5	1.0
Asgrow	AG7934	.	8	70.3	10/16	37	1.0	15.4	1.7	1.0
UGA	G10PR-56264R2	.	13	67.1	10/14	43	1.0	13.3	1.5	1.0
CG	R2C7390	.	15	66.8	10/14	31	1.0	15.8	1.5	1.0
Public Variety	NC Raleigh	.	16	66.5	10/12	35	2.0	14.1	1.5	1.0
Dyna-Gro	SX13875R	.	17	65.8	10/16	36	1.0	14.6	1.8	1.0
SC	SC07-1518	.	19	65.0	10/17	37	1.0	14.6	1.7	1.0
UGA	G10PR-86R2	.	21	64.8	10/15	40	3.0	15.9	1.5	1.0
AgSouth	AGS 75R27	.	25	63.3	10/13	30	1.0	14.1	2.2	1.0
UGA	G09-3202R2	.	26	62.9	10/13	38	1.0	14.0	1.5	1.0
UGA	G10PR-224R2	.	27	62.8	10/13	37	1.0	13.0	1.3	1.0
USG	77S63R	.	29 ¹	61.9	10/14	33	1.0	13.8	1.8	1.0
Bayer	HBK RY7523	.	31	59.5	10/17	31	1.0	13.3	1.8	1.0
AgSouth	AGS 70R26	.	32	59.2	10/01	41	1.0	11.9	1.5	1.0
Armor	X1428	.	33	58.7	10/11	41	1.0	13.5	1.5	1.0
UGA	G12PR-6354BR2	.	35	58.2	10/10	37	1.0	12.9	1.3	1.0
UGA	G00-3880	.	36	57.9	10/13	35	1.0	14.6	1.5	1.0
USG	77S13R	.	38	56.7	10/02	36	1.0	13.0	1.5	1.0
UGA	G12PR-6354AR2	.	39	56.4	10/11	37	2.0	15.0	1.5	1.0
Public Variety	N7003CN	.	46	48.3	10/17	38	2.0	14.0	1.8	1.0
CG	3R2C70	.	48	46.2	10/01	35	1.0	13.0	1.5	1.0
SC	SC07-108	.	49	43.5	10/12	33	2.0	11.3	1.5	1.0
Average		61.5		62.7 ⁸	10/13	36	1.3	14.1	1.5	1.0
LSD at 10% Level		11.8		8.0	01	2	-	1.6	N.S.	-
Std. Err. of Entry Mean		2.7		3.4	01	1	-	0.6	0.1	-

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 = 8.8% and df for EMS = 90.
6. CV = 11.6% and df for EMS = 32.
- 7 The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
8. CV = 9.5% and df for EMS = 98.

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 21, 2013.

Harvested: Maturity Group V - October 4, 2013.
Maturity Group VI - October 16, 2013.
Maturity Group VII and VIII - October 28, 2013.

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

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Medium, and pH = 6.0.

Fertilization: 0 lb N, 0 lb P₂O₅, and 0 lb K₂O/acre.

Previous Crop: Corn.

Management: Disked, subsoiled, bedded, rototilled; Prowl, Select, Basagran and Ultra Blazer used for weed control; R+B135acer and Bifenthrin used for insect control; Telone II used for nematode control; Domark used for fungal control; irrigated 5 inches.

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

Tifton, Georgia: Late-Planted Soybean Variety Performance, 2013, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2013 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
Maturity Group VII and VIII										
Croplan Genetics	R2C7622	.	1	40.2	11/03	20	1.0	15.0	1.5	1.0
Dyna-Gro	34RY75	.	2	39.9	11/04	20	1.0	15.2	1.5	1.0
NK	S74-M3 Brand	.	3	38.8	11/04	18	1.0	17.3	1.5	1.0
Asgrow	AG7733	.	4	38.7	11/04	21	1.0	14.5	1.7	1.0
UGA	G00-3213	.	5	37.9	11/06	13	1.0	17.2	1.5	1.0
UGA	G10PR-56264R2	.	6	36.9	11/03	18	1.0	13.7	1.3	1.0
NK	S77-T7 Brand	.	7	35.7	11/04	20	1.0	14.1	1.5	1.0
UGA	G10PR-224R2	.	8	35.6	11/04	18	1.0	13.8	1.7	1.0
SC	SC07-1518	.	9	34.1	11/03	19	1.0	15.0	1.2	1.0
NK	S78-G6 Brand	.	10	34.0	11/03	20	1.0	16.1	1.7	1.0
UGA	G10PR-56444R2	.	11 ^T	33.7	11/06	16	1.0	14.7	1.3	1.0
AgSouth	AGS 767 RR	.	11 ^T	33.7	11/06	14	1.0	14.2	1.3	1.0
Public Variety	Cook	.	12 ^T	33.4	11/04	18	1.0	16.4	1.8	1.0
USG	77S63R	.	12 ^T	33.4	11/06	18	1.0	17.1	1.8	1.0
Pioneer	97M50	.	13	33.1	11/06	21	1.0	13.8	1.5	1.0
UGA	G12PR-6354BR2	.	14	32.9	11/04	17	1.0	15.0	1.7	1.0
AgSouth	AGS 70R26	.	15	32.7	11/06	19	1.0	14.5	1.7	1.0
AgSouth	AGS 75R27	.	16 ^T	32.6	11/08	18	1.0	16.2	1.8	1.0
AgSouth	AGS Prichard RR	.	16 ^T	32.6	11/06	18	1.0	14.8	1.5	1.0
SS	SS7511NR2	.	17	32.4	11/03	18	1.0	14.9	1.5	1.0
Public Variety	Motte	.	18	31.4	11/03	21	1.0	13.2	1.3	1.0
UGA	G10PR-86R2	.	19	31.2	11/04	19	1.0	14.5	1.5	1.0
UGA	G12PR-6354AR2	.	20	30.8	11/02	17	1.0	14.7	1.3	1.0
UGA	G08-4200RR	.	21	30.7	11/06	21	1.0	13.4	1.7	1.0
Public Variety	Santee	.	22	30.6	11/02	22	1.0	15.5	1.5	1.0
UGA	G08-5122RR	.	23	30.5	11/07	20	1.0	15.1	1.7	1.0
UGA	G10PR-56330R2	.	24	30.2	11/04	18	1.0	12.9	1.7	1.0
SC	SC07-108	.	25	30.1	11/03	20	1.0	13.8	1.3	1.0
Bayer	HBK R7028	.	26	29.5	11/04	19	1.0	15.2	1.5	1.0
Asgrow	AG7934	.	27	29.4	11/06	18	1.0	14.9	1.5	1.0
Dyna-Gro	SX13875R	.	28	29.1	11/07	18	1.0	16.6	1.7	1.0
USG	77S40R2	.	29	28.8	11/04	17	1.0	15.7	1.7	1.0
CG	R2C7390	.	30	28.5	11/04	14	1.0	16.4	1.3	1.0
AgSouth	AGS Woodruff	.	31	28.3	11/05	17	1.0	15.1	1.5	1.0
Bayer	HBK RY7523	.	32	28.0	11/06	17	1.0	16.9	1.5	1.0
UGA	G10PR-56248R2	.	33	27.4	11/04	19	1.0	14.6	1.5	1.0
UGA	G08-3279RR	.	34	27.1	11/05	18	1.0	15.8	1.3	1.0
UGA	G09-3202R2	.	35	26.6	11/03	18	1.0	13.1	2.0	1.0
SC	SC04-306	.	36 ^T	26.1	11/02	17	1.0	12.9	1.7	1.0
USG	77S13R	.	36 ^T	26.1	11/05	19	1.0	14.5	1.5	1.0
CG	3R2C70	.	37 ^T	24.8	11/01	18	1.0	13.4	1.5	1.0
UGA	G06-3182RR	.	37 ^T	24.8	11/03	17	1.0	13.0	1.7	1.0
AgSouth	AGS787 RR	.	37 ^T	24.8	11/04	13	1.0	15.7	1.8	1.0
AGSouth	AGS 828 RR	.	38	24.3	11/04	18	1.0	14.2	1.7	1.0
SC	SC03-062	.	39	23.3	11/04	17	1.0	14.3	1.5	1.0

Tifton, Georgia:
Late-Planted Soybean Variety Performance, 2013, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2013 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
Maturity Group VII and VIII - continued										
Armor	X1428	.	40	20.2	11/05	17	1.0	16.9	1.5	1.0
Public Variety	NC Raleigh	.	41	19.3	11/05	20	1.0	13.8	1.7	1.0
UGA	G12PR-7R2	.	42	18.4	11/06	17	1.0	17.1	1.7	1.0
Public Variety	N7003CN	.	43	17.2	11/05	18	1.0	17.4	1.5	1.0
UGA	G00-3880	.	44	16.6	11/04	19	1.0	16.1	1.5	1.0
Average		.		29.9 ⁵	11/04	18	1.0	14.9	1.6	1.0
LSD at 10% Level				7.2	02	2	-	1.6	0.4	-
Std. Err. of Entry Mean				2.3	01	1	-	0.5	0.1	-

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 = 17.7% and df for EMS = 98.

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 29, 2013.

Harvested: November 13, 2013.

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

Soil Type: Tifton sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 6.0.

Fertilization: 0 lb N, 50 lb P₂O₅, and 100 lb K₂O/acre. Sidedress: 130 lb N/acre.

Previous Crop: Wheat.

Management: Disked, field conditioned, rototilled: Prowl, Dual Magnum and Select used for weed control; Tracer and Bifenthrin used for insect control; Domark used for fungal control.

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

Plains, Georgia: Soybean Variety Performance, 2013, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2013 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
Maturity Group V										
Pioneer	95Y70	68.4	8 ^T	78.2	10/04	37	2.3	.	.	1.0
Pioneer	95Y61	67.8	11	77.2	10/08	35	1.7	.	.	1.0
Go Soy	5410 LL	66.3	3	80.6	10/04	39	1.0	.	.	1.0
Terral-REV®	56R63™	66.1	7	79.1	10/05	35	2.3	.	.	1.0
SS	LL595N	63.6	34 ^T	69.7	10/05	37	1.3	.	.	1.0
Bayer	HBK RY5421	63.2	18	74.7	10/05	31	1.0	.	.	1.0
Public Variety	Ozark	63.2	22	74.2	10/04	33	1.3	.	.	1.0
Terral-REV®	56R21™	63.0	13	76.8	10/05	36	1.7	.	.	1.0
AR	UA 5612	61.9	4	80.5	10/05	29	1.0	.	.	1.0
AGSouth	AGS 5911LL	60.4	34 ^T	69.7	10/10	31	1.0	.	.	1.0
Schillinger	557.RC	60.1	29	71.7	10/03	31	1.0	.	.	1.0
Public Variety	Osage	59.9	35	68.7	10/05	25	1.0	.	.	1.0
Schillinger	5220.RC	59.5	41	63.7	10/01	42	1.3	.	.	1.0
Terral-REV®	57R21™	58.9	26	72.9	10/04	38	2.7	.	.	1.0
Pioneer	95Y71	57.3	20	74.5	10/04	34	1.3	.	.	1.0
SS	SS5511NR2	56.3	19 ^T	74.6	10/05	31	1.0	.	.	1.0
Terral-REV®	59R13™	56.3	42	59.7	10/06	33	1	.	.	1.0
Croplan Genetics	R2C5673	.	1	84.1	10/05	37	1.7	.	.	1.0
SS	5711 R2	.	2	82.9	10/07	33	1.0	.	.	1.0
NK	S57-K3 Brand	.	5	80.1	10/07	33	1.7	.	.	1.0
AgSouth	AGS 568RR	.	6	79.7	10/04	33	1.3	.	.	1.0
Public Variety	NC Miller	.	8 ^T	78.2	10/06	31	1.0	.	.	1.0
SS	5911 R2	.	9	77.7	10/11	30	1.0	.	.	1.0
Pioneer	P54T94R	.	10	77.6	10/11	30	1.0	.	.	1.0
SS	5513N R2	.	12	77.0	10/07	36	1.3	.	.	1.0
AgSouth	AGS 533 LL	.	15	76.5	10/02	43	1.0	.	.	1.0
Halo	5:01	.	15	76.1	10/01	40	1.7	.	.	1.0
Armor	X1425	.	16	75.4	10/11	25	1.0	.	.	1.0
Bayer	HBK LL4950	.	17	74.9	10/07	39	1.7	.	.	1.0
Pioneer	95Y80	.	19 ^T	74.6	10/08	33	1.7	.	.	1.0
Asgrow	AG5534	.	21	74.3	10/04	39	1.3	.	.	1.0
Armor	53-R88	.	23	73.5	10/05	30	1.0	.	.	1.0
Halo	5:45	.	24	73.4	10/05	30	1.0	.	.	1.0
Go Soy	5312 LL	.	25	73.1	10/02	45	2.0	.	.	1.0
Armor	55-R22	.	27	72.1	10/05	31	1.0	.	.	1.0
Bayer	HBK LL5350	.	28	72.0	10/05	25	1.0	.	.	1.0
Armor	X1413	.	30	71.6	10/02	31	1.0	.	.	1.0
AR	R04-1250RR	.	31	71.1	10/03	37	1.3	.	.	1.0
Halo	X530	.	32	70.5	10/05	46	2.3	.	.	1.0
AR	R04-1268RR	.	33	70.2	10/04	32	1.0	.	.	1.0

Plains, Georgia: Soybean Variety Performance, 2013, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2013 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 - (continued)</u>										
Asgrow	AG5634	.	36	68.2	10/03	38	2.7	.	.	1.0
Halo	5:26	.	37	67.7	10/01	31	1.0	.	.	1.0
Croplan Genetics	R2C5103	.	38	66.6	10/02	39	1.7	.	.	1.0
NK S52-Y2 Brand	NK S52-Y2 Brand	.	39	65.6	10/01	38	1.0	.	.	1.0
Armor	53-R16	.	40	63.8	09/28	40	1.0	.	.	1.0
Bayer	HBK RY5221	.	43	43.9	10/11	39	2.7	.	.	1.0
Average		61.9		73.0 ⁵	10/05	35	1.4	.	.	1.0
LSD at 10% Level		N.S. ⁶		5.3	02	3	0.6			-
Std. Err. of Entry Mean		2.2		2.3	01	1	0.2			-
<u>Maturity Group VI</u>										
Public Variety	Musen	69.9	9	76.8	10/15	40	2.7	.	.	1.0
NK	S67-R6 Brand	69.7	4	81.2	10/15	39	1.0	.	.	1.0
Dyna-Gro	36RY68	65.5	12 ^T	74.4	10/14	37	1.7	.	.	1.0
SS	SS 6810NR2	65.1	11	74.9	10/14	33	1.0	.	.	1.0
CG	R2C6810	63.6	13	73.2	10/14	35	1.3	.	.	1.0
Dyna-Gro	S61RY73	.	1	84.3	10/13	36	2.0	.	.	1.0
Armor	X1427	.	2	81.4	10/10	35	1.7	.	.	1.0
Asgrow	AG6834	.	3	81.3	10/16	39	1.3	.	.	1.0
CG	R2C6192	.	5	78.6	10/08	31	1.0	.	.	1.0
Public Variety	NC Roy	.	6	78.1	10/14	32	3.0	.	.	1.0
CG	3R2C67	.	7	77.8	10/10	35	1.0	.	.	1.0
Armor	X1426	.	8	77.2	10/12	31	1.0	.	.	1.0
SS	6713N R2	.	10	75.4	10/11	32	1.0	.	.	1.0
Dyna-Gro	S65RY93	.	12 ^T	74.4	10/12	27	1.0	.	.	1.0
Asgrow	AG6534	.	14	71.1	10/15	31	1.0	.	.	1.0
Dyna-Gro	S69RY34	.	15	70.6	10/14	40	2.3	.	.	1.0
NK	S68-D4	.	16	69.2	10/09	38	2.0	.	.	1.0
Average		66.8		76.5 ⁷	10/12	35	1.5	.	.	1.0
LSD at 10% Level		N.S.		N.S.	N.S.	2	0.6			-
Std. Err. of Entry Mean		2.2		1.9	01	1	0.3			-
<u>Maturity Group VII and VIII</u>										
AGSouth	AGS 828 RR	81.3	5	83.2	10/17	37	2.7	.	.	1.0
UGA	G06-3182RR	78.7	13	80.7	10/16	35	1.7	.	.	1.0
SC	SC04-306	78.6	14	80.5	10/19	42	2.3	.	.	1.0
NK	S77-T7 Brand	77.9	3	85.4	10/18	37	2.3	.	.	1.0
Asgrow	AG7733	76.7	1	86.4	10/13	39	1.3	.	.	1.0
Dyna-Gro	34RY75	76.4	12	81.1	10/17	39	2.3	.	.	1.0
Public Variety	Santee	75.1	18	78.8	10/16	39	2.7	.	.	1.0
UGA	G08-5122RR	74.8	42 ^T	71.2	10/18	41	3.0	.	.	1.0
Public Variety	Cook	74.1	38 ^T	74.4	10/17	41	2.3	.	.	1.0
Pioneer	97M50	72.7	32	76.0	10/18	36	2.0	.	.	1.0

Plains, Georgia: Soybean Variety Performance, 2013, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2013 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
Maturity Group VII and VIII - (continued)										
UGA	G08-3279RR	72.0	35	75.4	10/18	41	2.3	.	.	1.0
AgSouth	AGS787 RR	71.7	31 ^T	76.3	10/15	37	1.7	.	.	1.0
UGA	G10PR-56248R2	71.3	44	70.7	10/14	42	1.7	.	.	1.0
AgSouth	AGS Woodruff	71.1	15 ^T	80.3	10/17	39	2.3	.	.	1.0
AgSouth	AGS Prichard RR	70.9	42 ^T	71.2	10/22	43	3.0	.	.	1.0
Public Variety	Motte	70.4	36	75.1	10/20	41	2.7	.	.	1.0
SS	SS7511NR2	69.8	10	81.6	10/19	39	2.7	.	.	1.0
Croplan Genetics	R2C7622	69.4	19	78.5	10/17	37	1.7	.	.	1.0
AgSouth	AGS 767 RR	69.3	31 ^T	76.3	10/13	37	1.0	.	.	1.0
SC	SC03-062	68.8	37	75.0	10/20	40	3.0	.	.	1.0
UGA	G08-4200RR	68.5	34	75.5	10/13	38	2.7	.	.	1.0
USG	77S40R2	68.3	17 ^T	79.5	10/16	36	1.7	.	.	1.0
NK	S74-M3 Brand	67.3	2	86.2	10/16	39	1.3	.	.	1.0
Bayer	HBK R7028	65.1	40	72.9	10/14	37	2.3	.	.	1.0
NK	S78-G6 Brand	62.1	29	76.5	10/18	38	2.7	.	.	1.0
UGA	G10PR-86R2	.	4	83.3	10/15	37	3.0	.	.	1.0
UGA	G10PR-224R2	.	6	83.1	10/14	39	2.0	.	.	1.0
CG	R2C7390	.	7	82.7	10/11	35	1.7	.	.	1.0
UGA	G10PR-56444R2	.	8	82.4	10/17	39	2.7	.	.	1.0
Asgrow	AG7934	.	9	81.9	10/18	43	1.3	.	.	1.0
UGA	G10PR-56264R2	.	11	81.4	10/14	39	2.3	.	.	1.0
SC	SC07-108	.	15 ^T	80.3	10/19	41	3.0	.	.	1.0
UGA	G00-3880	.	16	79.6	10/14	39	2.7	.	.	1.0
Public Variety	NC Raleigh	.	17 ^T	79.5	10/19	36	3.0	.	.	1.0
UGA	G12PR-6354BR2	.	20	78.3	10/14	38	2.3	.	.	1.0
UGA	G12PR-6354AR2	.	21	78.0	10/16	43	2.3	.	.	1.0
UGA	G00-3213	.	22	77.4	10/14	39	2.0	.	.	1.0
UGA	G12PR-7R2	.	23	77.3	10/13	39	3.0	.	.	1.0
UGA	G09-3202R2	.	24	77.0	10/16	39	3.0	.	.	1.0
AgSouth	AGS 70R26	.	25	76.8	10/14	41	2.0	.	.	1.0
USG	77S63R	.	26	76.7	10/17	37	1.0	.	.	1.0
Public Variety	N7003CN	.	30	76.4	10/17	35	2.0	.	.	1.0
SC	SC07-1518	.	31 ^T	76.3	10/19	43	2.0	.	.	1.0
UGA	G10PR-56330R2	.	33	75.7	10/17	40	2.3	.	.	1.0
AgSouth	AGS 75R27	.	38 ^T	74.4	10/16	36	1.0	.	.	1.0
Dyna-Gro	SX13875R	.	39 ^T	73.4	10/18	35	1.0	.	.	1.0
CG	3R2C70	.	39 ^T	73.4	10/14	41	1.7	.	.	1.0
Armor	X1428	.	41	71.8	10/14	40	2.3	.	.	1.0
USG	77S13R	.	43	70.9	10/14	42	2.0	.	.	1.0
Bayer	HBK RY7523	.	45	66.3	10/18	35	1.0	.	.	1.0
Average		72.1		77.7 ⁸	10/16	39	2.2	.	.	1.0
LSD at 10% Level		N.S.		5.3	-	3	0.7			-
Std. Err. of Entry Mean		2.7		2.2	-	1	0.3			-

Plains, Georgia: Soybean Variety Performance, 2013, Irrigated (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 = 5.4% and df for EMS = 90.
6. The F-test indicated no statistical differences at the $\alpha = 0.10$ probability level; therefore, an LSD value was not calculated.
7. CV = 4.2% and df for EMS = 32.
8. CV = 5.0% and df for EMS = 98.

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, 2013.

Harvested: October 24, 2013.

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

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = Very High, and pH = 6.3.

Fertilization: 10 lb N, 46 lb P_2O_5 , and 0 lb K_2O /acre.

Previous Crop: Cotton.

Management: Disked, chisel plowed, rototilled; Ultra Blazer used for weed control; Endigo used for insect control; Domark used for fungal control; irrigated 2 inches.

Test conducted by A. Coy, R. Brooke, D. Dunn, B. McCranie, W. Jones, and D. Pearce.

Midville, Georgia: Soybean Variety Performance, 2013, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2013 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
Maturity Group V										
Pioneer	95Y71	64.5	4	56.0	10/16	34	2.0	.	.	1.0
Bayer	HBK RY5421	62.4	14	52.1	10/14	27	1.3	.	.	1.0
Pioneer	95Y61	61.9	19	50.4	10/15	30	1.3	.	.	1.0
Public Variety	Osage	61.5	28	48.5	10/12	25	1.0	.	.	1.0
Terral-REV®	56R63™	61.2	16 ^T	51.8	10/15	37	2.7	.	.	1.0
AGSouth	AGS 5911LL	61.0	3	56.2	10/16	31	2.0	.	.	1.0
SS	SS5511NR2	60.8	10	53.3	10/10	31	1.0	.	.	1.0
Terral-REV®	57R21™	59.9	15 ^T	51.9	10/14	35	3.0	.	.	1.0
Terral-REV®	56R21™	59.4	17	51.2	10/15	33	2.7	.	.	1.0
Go Soy	5410 LL	59.0	21	50.2	10/08	30	1.0	.	.	1.0
Public Variety	Ozark	58.9	27	48.9	10/09	27	2.7	.	.	1.0
SS	LL595N	58.8	16 ^T	51.8	10/13	28	1.0	.	.	1.0
AR	UA 5612	58.2	31 ^T	47.5	10/14	29	2.3	.	.	1.0
Pioneer	95Y70	58.0	12	52.6	10/18	33	2.7	.	.	1.0
Terral-REV®	59R13™	57.6	26	49.1	10/13	32	1.3	.	.	1.0
Schillinger	5220.RC	57.5	32	47.2	10/13	32	1.7	.	.	1.0
Schillinger	557.RC	55.0	40	43.5	10/12	27	1.0	.	.	1.0
NK S52-Y2 Brand	NK S52-Y2 Brand	.	1	57.5	10/14	31	1.0	.	.	1.0
Halo	5:45	.	2	56.9	10/15	28	2.0	.	.	1.0
Bayer	HBK LL5350	.	5	55.1	10/12	27	1.0	.	.	1.0
Croplan Genetics	R2C5673	.	6	54.9	10/16	33	2.3	.	.	1.0
Asgrow	AG5534	.	7	54.3	10/16	33	1.7	.	.	1.0
Bayer	HBK LL4950	.	8	54.0	10/07	33	1.0	.	.	1.0
Halo	5:01	.	9	53.9	10/09	35	1.7	.	.	1.0
NK	S57-K3 Brand	.	11	53.1	10/17	30	1.7	.	.	1.0
SS	5513N R2	.	13	52.3	10/14	34	2.0	.	.	1.0
Pioneer	95Y80	.	15 ^T	51.9	10/15	30	1.7	.	.	1.0
Pioneer	P54T94R	.	15 ^T	51.9	10/09	28	1.0	.	.	1.0
Halo	X530	.	18	50.7	10/11	40	2.0	.	.	1.0
AgSouth	AGS 533 LL	.	20	50.3	10/07	33	1.0	.	.	1.0
Croplan Genetics	R2C5103	.	22	50.0	10/11	35	1.7	.	.	1.0
AgSouth	AGS 568RR	.	23	49.9	10/12	29	2.3	.	.	1.0
AR	R04-1250RR	.	24	49.5	10/11	29	2.0	.	.	1.0
Go Soy	5312 LL	.	25	49.2	10/12	37	1.5	.	.	1.0
Asgrow	AG5634	.	29	48.3	10/12	34	3.0	.	.	1.0
Public Variety	NC Miller	.	30 ^T	47.6	10/11	27	1.0	.	.	1.0
Armor	X1413	.	30 ^T	47.6	10/08	37	1.3	.	.	1.0
Armor	53-R88	.	31 ^T	47.5	10/15	27	1.7	.	.	1.0
Halo	5:26	.	33	47.1	10/09	28	1.7	.	.	1.0
Armor	X1425	.	34	46.7	10/13	27	1.0	.	.	1.0
Armor	53-R16	.	35	45.9	10/11	25	1.7	.	.	1.0
Bayer	HBK RY5221	.	36	45.7	10/11	35	3.0	.	.	1.0
SS	5711 R2	.	37	45.4	10/14	31	1.7	.	.	1.0
AR	R04-1268RR	.	38	44.9	10/10	26	1.3	.	.	1.0
Armor	55-R22	.	39	44.8	10/13	29	1.3	.	.	1.0
SS	5911 R2	.	41	42.2	10/17	27	1.0	.	.	1.0
Average		59.7		50.3 ⁵	10/12	31	1.7	.	.	1.0
LSD at 10% Level		N.S. ⁶		3.9	03	3	0.7			-
Std. Err. of Entry Mean		1.3		1.7	01	1	0.3			-

Midville, Georgia: Soybean Variety Performance, 2013, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2013 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
Maturity Group VI										
NK	S67-R6 Brand	65.9	2	58.6	10/19	35	2.7	.	.	1.0
CG	R2C6810	63.4	3	58.5	10/17	31	1.0	.	.	1.0
Dyna-Gro	36RY68	62.2	8	55.1	10/21	33	2.0	.	.	1.0
SS	SS 6810NR2	61.4	10	54.2	10/20	31	2.0	.	.	1.0
Public Variety	Musen	57.1	12	53.0	10/20	35	3.0	.	.	1.0
Asgrow	AG6834	.	1	58.8	10/19	31	2.0	.	.	1.0
Armor	X1427	.	4	58.2	10/19	25	1.0	.	.	1.0
Dyna-Gro	S69RY34	.	5	57.1	10/17	34	2.0	.	.	1.0
CG	3R2C67	.	6	57.0	10/18	29	1.0	.	.	1.0
SS	6713N R2	.	7	55.9	10/18	29	1.0	.	.	1.0
Public Variety	NC Roy	.	9	54.9	10/17	27	2.7	.	.	1.0
Asgrow	AG6534	.	11	53.9	10/18	25	1.0	.	.	1.0
Dyna-Gro	S65RY73	.	13	49.5	10/19	29	2.0	.	.	1.0
CG	R2C6192	.	14	47.5	10/15	31	1.0	.	.	1.0
NK	S68-D4	.	15	46.8	10/10	28	2.0	.	.	1.0
Dyna-Gro	S61RY93	.	16	45.9	10/12	28	1.0	.	.	1.0
Armor	X1426	.	17	45.5	10/16	25	1.0	.	.	1.0
Average		62.0		53.6 ⁷	10/17	30	1.7	.	.	1.0
LSD at 10% Level		4.5		3.9	01	1	N.S.			-
Std. Err. of Entry Mean		1.0		1.6	01	1	0.1			-
Maturity Group VII and VIII										
NK	S74-M3 Brand	63.6	8 ^T	57.4	10/21	27	1.0	.	.	1.0
SC	SC03-062	63.1	9 ^T	56.9	10/24	33	3.0	.	.	1.0
SS	SS7511NR2	62.7	18 ^T	54.8	10/24	27	1.0	.	.	1.0
Asgrow	AG7733	62.6	1	60.1	10/21	33	1.0	.	.	1.0
Public Variety	Cook	61.4	17 ^T	55.0	10/20	32	2.0	.	.	1.0
UGA	G08-5122RR	60.4	11	56.3	10/22	33	2.0	.	.	1.0
AgSouth	AGS Woodruff	60.3	13 ^T	55.5	10/22	24	2.0	.	.	1.0
UGA	G08-4200RR	60.3	26 ^T	53.4	10/23	33	1.0	.	.	1.0
UGA	G06-3182RR	59.4	21	54.5	10/17	31	1.0	.	.	1.0
USG	77S40R2	59.4	23 ^T	54.3	10/20	22	1.0	.	.	1.0
SC	SC04-306	59.0	7	57.5	10/23	32	1.3	.	.	1.0
AgSouth	AGS 767 RR	57.5	24	54.1	10/20	29	2.0	.	.	1.0
AGSouth	AGS 828 RR	57.3	18 ^T	54.8	10/20	31	2.0	.	.	1.0
NK	S77-T7 Brand	57.3	35	50.3	10/20	25	1.0	.	.	1.0
UGA	G08-3279RR	57.0	14 ^T	55.4	10/22	33	3.0	.	.	1.0
NK	S78-G6 Brand	56.4	25	53.6	10/20	35	2.0	.	.	1.0
Public Variety	Motte	56.2	31	52.3	10/23	34	2.3	.	.	1.0
Dyna-Gro	34RY75	56.0	38	47.3	10/20	31	2.3	.	.	1.0
Bayer	HBK R7028	55.8	33	50.6	10/18	33	1.0	.	.	1.0
AgSouth	AGS787 RR	55.6	34	50.4	10/19	33	2.0	.	.	1.0
UGA	G10PR-56248R2	55.4	23 ^T	54.3	10/19	31	1.0	.	.	1.0
AgSouth	AGS Prichard RR	55.1	16	55.2	10/24	33	2.3	.	.	1.0
Croplan Genetics	R2C7622	54.2	39	47.2	10/21	31	2.0	.	.	1.0
Pioneer	97M50	53.9	19	54.7	10/19	33	2.0	.	.	1.0
Public Variety	Santee	53.6	29	52.9	10/19	32	3.0	.	.	1.0

Midville, Georgia: Soybean Variety Performance, 2013, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2013 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
Maturity Group VII and VIII - (continued)										
Public Variety	N7003CN	.	2	59.5	10/22	28	1.7	.	.	1.0
UGA	G10PR-56444R2	.	3	59.1	10/24	31	2.0	.	.	1.0
UGA	G12PR-6354BR2	.	4	58.7	10/17	29	1.3	.	.	1.0
UGA	G10PR-56264R2	.	5	58.5	10/21	31	2.3	.	.	1.0
SC	SC07-1518	.	6 ^T	58.4	10/24	31	2.0	.	.	1.0
UGA	G10PR-224R2	.	6 ^T	58.4	10/20	34	1.0	.	.	1.0
AgSouth	AGS 70R26	.	8 ^T	57.4	03/04	31	1.0	.	.	1.0
UGA	G00-3213	.	9 ^T	56.9	10/20	27	1.0	.	.	1.0
CG	3R2C70	.	10	56.8	10/17	35	1.0	.	.	1.0
SC	SC07-108	.	12 ^T	55.9	10/24	34	3.0	.	.	1.0
Asgrow	AG7934	.	12 ^T	55.9	10/21	31	1.0	.	.	1.0
UGA	G10PR-56330R2	.	13 ^T	55.5	10/20	34	2.0	.	.	1.0
Bayer	HBK RY7523	.	14 ^T	55.4	10/22	29	1.0	.	.	1.0
CG	R2C7390	.	15	55.3	10/20	31	1.0	.	.	1.0
Public Variety	NC Raleigh	.	17 ^T	55.0	10/21	32	2.7	.	.	1.0
UGA	G10PR-86R2	.	20	54.6	10/22	31	3.0	.	.	1.0
Armor	X1428	.	22	54.4	10/18	31	1.0	.	.	1.0
USG	77S63R	.	26 ^T	53.4	10/19	25	1.0	.	.	1.0
UGA	G12PR-7R2	.	27	53.3	10/17	31	1.0	.	.	1.0
AgSouth	AGS 75R27	.	28	53.1	10/20	27	1.0	.	.	1.0
USG	77S13R	.	30	52.7	10/18	25	1.0	.	.	1.0
Dyna-Gro	SX13875R	.	32	52.0	10/20	26	1.0	.	.	1.0
UGA	G12PR-6354AR2	.	36	48.3	10/17	31	1.0	.	.	1.0
UGA	G00-3880	.	37	48.0	10/20	33	1.0	.	.	1.0
UGA	G09-3202R2	.	40	46.6	10/18	33	1.0	.	.	1.0
Average		58.1		54.4 ⁸	11/07	31	1.6	.	.	1.0
LSD at 10% Level		N.S.		3.8	N.S.	1	0.3			-
Std. Err. of Entry Mean		1.4		1.6	01	1	0.1			-

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 = 5.8% and df for EMS = 90.

6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.

7. CV = 5.3% and df for EMS = 32.

8. CV = 5.1% and df for EMS = 98.

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 24, 2013.

Harvested: October 29, 2013.

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

Soil Type: Tifton loamy sand

Soil Test: P = Medium, K = High, and pH = 6.0.

Fertilization: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/acre.

PREV@ous Crop: Corn.

Management: Disked, field conditioned, subsoiled, bedded, rototilled; Roundup, Gramoxone, Prowl, Valor, Intensity, Warrant, and Prefix used for weed control; Belt, Bifenthrin, and Dimlin used for insect control; Telone II used for nematode control; Tebuconazole used for fungal control; irrigated 6 inches.

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

Griffin, Georgia: Soybean Variety Performance, 2013, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2013 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
Maturity Group V										
Schillinger	5220.RC	68.9	9	65.9	09/21	42	1.0	15.8	1.7	1.0
AGSouth	AGS 5911LL	68.3	2	70.1	09/28	44	1.0	14.7	1.5	1.0
Pioneer	95Y61	67.3	4	68.0	09/29	39	2.3	14.7	1.7	1.0
Terral-REV®	59R13™	66.7	3	69.4	09/29	41	1.0	16.8	1.8	1.0
Public Variety	Osage	66.2	8	66.1	09/25	34	1.3	15.3	2.0	1.0
AR	UA 5612	65.9	17 ^T	62.7	09/30	35	4.2	15.1	2.0	1.0
Schillinger	557.RC	64.7	32 ^T	55.4	09/29	36	1.8	13.4	1.8	1.0
Public Variety	Ozark	64.3	15	63.6	09/24	38	3.3	17.5	2.0	1.0
SS	SS5511NR2	64.3	20	60.8	09/30	40	1.0	19.8	1.7	1.0
Go Soy	5410 LL	63.6	11	64.7	09/23	42	1.0	15.1	2.0	1.0
SS	LL595N	63.5	7	66.2	09/27	42	1.0	14.9	2.0	1.0
Pioneer	95Y71	63.1	24	58.7	09/29	40	3.0	14.9	1.8	1.0
Terral-REV®	56R21™	63.1	26	58.4	10/01	42	1.3	15.0	1.8	1.0
Bayer	HBK RY5421	63.0	34	54.8	09/29	37	2.7	17.0	1.8	1.0
Terral-REV®	57R21™	59.9	21 ^T	60.7	09/29	43	1.8	15.9	2.3	1.0
Terral-REV®	56R63™	59.0	31	56.2	09/28	43	1.3	16.6	2.0	1.0
Pioneer	95Y70	57.4	39	52.8	10/02	41	3.8	15.6	2.0	1.0
NK	S57-K3 Brand	57.4	40	52.0	09/30	38	1.2	15.8	1.8	1.0
Halo	5:26	.	1	73.1	09/23	37	1.2	17.0	1.5	1.0
Public Variety	NC Miller	.	5	67.5	09/28	38	3.8	19.5	1.8	1.0
Bayer	HBK LL5350	.	6	66.7	09/28	32	1.0	16.3	1.8	1.0
SS	5711 R2	.	10	65.2	09/30	41	2.2	17.9	1.7	1.0
NK	S52-Y2 Brand	.	12	64.6	09/19	39	1.3	15.5	2.0	1.0
Pioneer	P54T94R	.	13	64.1	09/23	36	1.2	15.3	2.0	1.0
Halo	5:01	.	14	63.9	09/25	47	1.2	15.3	1.8	1.0
Halo	5:45	.	16	63.0	09/29	40	1.2	14.9	2.0	1.0
Croplan Genetics	R2C5103	.	17 ^T	62.7	09/16	44	1.3	16.8	2.0	1.0
AgSouth	AGS 533 LL	.	18	61.9	09/23	44	1.2	14.2	2.0	1.0
Armor	53-R88	.	19	61.1	09/24	38	1.0	15.4	1.8	1.0
Armor	X1413	.	21 ^T	60.7	09/13	46	1.0	15.6	1.8	1.0
Armor	55-R22	.	22	59.9	09/30	41	1.2	18.7	1.8	1.0
Bayer	HBK RY5221	.	23	59.1	09/21	45	2.5	20.1	1.8	1.0
Armor	X1425	.	25	58.6	10/01	36	1.0	12.7	1.8	1.0
AgSouth	AGS 568RR	.	27 ^T	58.0	09/30	41	1.0	15.8	1.8	1.0
Armor	53-R16	.	27 ^T	58.0	09/27	38	1.3	14.2	2.0	1.0
Go Soy	5312 LL	.	28	57.7	09/29	48	3.2	16.0	1.8	1.0
SS	5513N R2	.	29	57.4	09/28	43	1.5	16.1	2.0	1.0
SS	5911 R2	.	30	56.6	10/01	38	1.0	12.4	1.5	1.0
Pioneer	95Y80	.	32 ^T	55.4	10/01	38	3.0	15.4	1.7	1.0
Asgrow	AG5534	.	33	55.2	09/30	43	2.3	16.5	1.7	1.0

Griffin, Georgia: Soybean Variety Performance, 2013, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2013 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
Maturity Group V - continued										
Halo	X530	.	35	54.1	09/26	58	1.2	17.0	1.7	1.0
AR	R04-1250RR	.	36	54.0	09/27	40	3.2	16.9	2.0	1.0
Bayer	HBK LL4950	.	37	53.6	09/26	46	1.3	15.3	1.8	1.0
Croplan Genetics	R2C5673	.	38	53.4	10/01	42	2.0	16.2	2.0	1.0
Asgrow	AG5634	.	41	51.8	10/01	46	3.5	18.4	1.7	1.0
AR	R04-1268RR	.	42	49.2	09/25	37	3.3	13.3	1.8	1.0
Average		64.1		60.3 ⁵	09/27	41	1.8	15.9	1.9	1.0
LSD at 10% Level		N.S. ⁶		10.0	03	4	1.0	1.3	N.S.	-
Std. Err. of Entry Mean		2.6		3.7	01	1	0.4	0.6	0.2	-
Maturity Group VI										
NK	S67-R6 Brand	63.0	6	57.2	10/10	44	2.2	16.5	2.0	1.0
CG	R2C6810	58.0	4	58.7	10/12	43	1.7	15.9	1.5	1.0
SS	SS 6810NR2	57.2	7	56.6	10/12	42	1.0	15.4	1.8	1.0
Dyna-Gro	36RY68	54.7	15	46.4	10/08	42	1.8	13.6	1.8	1.0
Public Variety	Musen	51.9	16	45.2	10/16	45	2.3	14.4	1.7	1.0
CG	3R2C67	.	1	68.6	10/08	43	1.2	14.1	1.8	1.0
Asgrow	AG6534	.	2 ^T	67.8	10/06	38	1.0	14.0	1.5	1.0
Armor	X1426	.	2 ^T	67.8	10/04	38	1.0	13.0	1.5	1.0
CG	R2C6192	.	3	62.5	10/03	38	1.0	13.8	1.2	1.0
Dyna-Gro	S61RY73	.	5	57.4	10/05	39	1.2	13.6	2.0	1.0
SS	6713N R2	.	8	55.6	10/11	40	1.5	14.5	1.7	1.0
Armor	X1427	.	9	55.4	10/07	40	1.0	14.4	1.5	1.0
Dyna-Gro	S69RY34	.	10	53.0	10/08	47	1.2	15.4	1.5	1.0
Asgrow	AG6834	.	11	52.3	10/08	44	1.3	15.7	1.8	1.0
Dyna-Gro	S61RY93	.	12	50.1	10/01	39	1.0	13.0	1.5	1.0
NK	S68-D4	.	13	49.6	10/10	42	1.2	20.7	1.8	1.0
Public Variety	NC Roy	.	14	47.9	10/05	40	3.5	13.4	1.8	1.0
Average		57.0		56.0 ⁷	10/08	41	1.5	14.8	1.7	1.0
LSD at 10% Level		N.S.		9.8	03	3	0.5	1.6	N.S.	-
Std. Err. of Entry Mean		2.7		4.1	01	1	0.2	0.7	0.2	-

Griffin, Georgia: Soybean Variety Performance, 2013, Irrigated (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 = 12.2% and df for EMS = 90.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
7. CV = 12.6% and df for EMS = 32.

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 22, 2013.

Harvested: Maturity Group V - October 15, 2013.

Maturity Group VI - October 29, 2013.

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

Soil Type: Pacolet coarse sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.0.

Fertilization: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/acre.

Previous Crop: Corn.

Management: Chisel plowed, disked, rototilled; Lasso and one cultivation used for weed control; Karate used for insect control; Domark applied for rust control.

Test conducted by J. Gassett and G. Ware.

Griffin, Georgia: Late-Planted Soybean Variety Performance, 2013, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2013 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
Maturity Group VII and VIII										
Dyna-Gro	34RY75	48.3	3	54.6	10/26	33	1.0	13.7	1.5	1.0
NK	S77-T7 Brand	48.3	8 ^T	50.4	10/29	32	1.0	13.8	1.3	1.0
USG	77S40R2	47.2	4	54.2	10/23	29	1.0	17.0	1.7	1.0
AgSouth	AGS787 RR	45.7	7	52.2	10/22	33	1.0	13.3	1.5	1.0
AgSouth	AGS Woodruff	45.1	20	46.6	10/28	32	1.0	16.2	1.3	1.0
UGA	G06-3182RR	44.9	10	48.7	10/22	30	1.0	12.9	1.7	1.0
Pioneer	97M50	44.1	35	40.3	10/24	32	1.0	13.7	1.5	1.0
AGSouth	AGS 828 RR	43.9	11	48.6	10/26	29	1.0	13.5	1.2	1.0
Croplan Genetics	R2C7622	43.1	12	48.4	10/29	31	1.0	14.4	1.3	1.0
SS	SS7511NR2	43.0	31	42.3	10/27	32	1.0	16.7	1.2	1.0
SC	SC03-062	41.7	22	45.6	11/01	38	1.0	14.7	1.5	1.0
Public Variety	Santee	41.7	23	45.4	10/25	33	1.0	14.7	1.3	1.0
Asgrow	AG7733	41.2	21	45.8	10/28	32	1.0	15.8	1.5	1.0
AgSouth	AGS 767 RR	41.2	30	42.5	10/25	28	1.0	12.2	1.8	1.0
NK	S74-M3 Brand	41.2	33	41.3	10/24	31	1.0	15.4	1.5	1.0
UGA	G10PR-56248R2	41.0	20 ^T	46.4	10/25	32	1.0	14.1	1.7	1.0
Bayer	HBK R7028	40.9	27	44.5	10/28	34	1.0	13.6	1.8	1.0
UGA	G08-3279RR	40.2	16 ^T	47.4	10/27	34	1.0	15.8	1.8	1.0
Public Variety	Cook	40.1	17	47.3	10/27	32	1.0	16.4	1.7	1.0
UGA	G08-5122RR	39.5	34	40.6	11/01	37	1.0	14.0	1.2	1.0
Public Variety	Motte	39.1	24 ^T	45.3	10/31	38	1.0	15.2	1.3	1.0
SC	SC04-306	38.8	32	42.1	10/30	30	1.0	14.0	1.5	1.0
NK	S78-G6 Brand	38.8	36	39.9	10/29	31	1.0	17.3	1.8	1.0
AgSouth	AGS Prichard RR	36.6	37 ^T	38.6	11/07	34	1.0	13.5	1.2	1.0
UGA	G08-4200RR	33.2	41	30.1	11/04	31	1.0	13.0	2.0	1.0
USG	77S63R	.	1	59.3	10/24	30	1.0	13.6	1.5	1.0
CG	3R2C70	.	2	57.7	10/23	32	1.0	14.0	1.7	1.0
UGA	G10PR-56264R2	.	5	53.8	10/27	31	1.0	14.5	1.7	1.0
Dyna-Gro	SX13875R	.	6	53.1	10/24	33	1.0	13.1	1.7	1.0
UGA	G00-3213	.	8 ^T	50.4	10/24	31	1.0	17.5	1.5	1.0
Bayer	HBK RY7523	.	9	48.9	10/26	27	1.0	13.8	1.8	1.0
USG	77S13R	.	13	48.2	10/21	35	1.0	14.2	1.7	1.0
SC	SC07-1518	.	14	47.8	11/01	32	1.0	15.7	1.5	1.0
Asgrow	AG7934	.	15	47.5	10/29	33	1.0	14.9	1.5	1.0
AgSouth	AGS 70R26	.	16 ^T	47.4	10/21	34	1.0	14.1	1.3	1.0
Armor	X1428	.	18	47.1	10/20	34	1.0	14.2	1.5	1.0
AgSouth	AGS 75R27	.	19 ^T	47.0	10/27	28	1.0	14.7	1.7	1.0
Public Variety	NC Raleigh	.	19 ^T	47.0	10/26	32	1.0	14.4	1.7	1.0
CG	R2C7390	.	20 ^T	46.4	10/25	27	1.0	16.5	1.8	1.0
UGA	G12PR-6354AR2	.	24 ^T	45.3	10/25	30	1.0	14.0	1.3	1.0
UGA	G10PR-86R2	.	25	45.1	10/24	34	1.0	14.5	1.5	1.0
Public Variety	N7003CN	.	26 ^T	44.6	10/27	30	1.0	14.9	1.7	1.0
UGA	G10PR-56444R2	.	26 ^T	44.6	10/28	33	1.0	14.0	1.5	1.0
UGA	G12PR-6354BR2	.	28	43.6	10/25	29	1.0	13.8	1.7	1.0
UGA	G12PR-7R2	.	29 ^T	43.2	10/23	29	1.0	13.8	1.7	1.0

**Griffin, Georgia:
Late-Planted Soybean Variety Performance, 2013, Irrigated
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2013 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
Maturity Group VII and VIII										
SC	SC07-108	.	29 ^T	43.2	11/03	34	1.0	14.9	1.3	1.0
UGA	G10PR-224R2	.	37 ^T	38.6	10/24	32	1.0	13.5	1.8	1.0
UGA	G00-3880	.	38	37.9	10/29	31	1.0	14.0	1.8	1.0
UGA	G09-3202R2	.	39	35.0	10/23	31	1.0	13.8	1.5	1.0
UGA	G10PR-56330R2	.	40	33.2	11/01	32	1.0	13.4	1.7	1.0
Average		42.0		45.7 ⁵	10/27	32	1.0	14.5	1.6	1.0
LSD at 10% Level		N.S. ⁶		7.3	04	4	-	1.2	0.4	-
Std. Err. of Entry Mean		2.3		3.1	02	2	-	0.5	0.2	-

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 = 11.8% and df for EMS = 98.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an 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 27, 2013.
 Harvested: November 12, 2013.
 Seeding Rate: Eight seeds per foot in 30" rows.
 Soil Type: Cecil clay loam.
 Soil Test: P = Medium, K = Medium, and pH = 6.4.
 Fertilization: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/acre.
 Previous Crop: Sorghum.
 Management: Chisel plowed, disked, rototilled; Lasso and one cultivation used for weed control; Karate used for insect control; Domark used for fungal control.

Test conducted by J. Gassett and G. Ware.

Athens, Georgia: Soybean Variety Performance, 2013, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2013 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
Maturity Group V										
Schillinger	5220.RC	63.8	8	61.3	09/29	36	1.3	15.0	1.3	.
Terral-REV®	56R63™	60.7	5 ^T	61.8	10/05	36	1.7	15.0	1.3	.
AR	UA 5612	59.4	14	59.1	10/02	32	1.7	14.2	1.7	.
Pioneer	95Y71	58.9	6	61.5	10/03	34	1.3	14.2	1.0	.
AGSouth	AGS 5911LL	57.7	22 ^T	56.7	10/06	32	1.3	13.4	1.0	.
Pioneer	95Y70	57.4	20	56.9	10/06	41	1.7	13.4	1.0	.
Go Soy	5410 LL	57.3	16 ^T	58.6	09/28	35	1.0	14.0	1.3	.
Pioneer	95Y61	56.9	24	55.6	10/02	34	1.3	13.7	1.0	.
Bayer	HBK RY5421	55.3	7	61.4	09/30	31	1.0	14.8	1.3	.
SS	SS5511NR2	54.6	32	53.0	09/30	29	1.3	17.1	1.0	.
Public Variety	Osage	53.7	29	53.6	10/01	25	1.0	12.5	1.0	.
Schillinger	557.RC	53.5	38	50.0	10/04	30	1.0	13.0	1.0	.
Terral-REV®	57R21™	53.0	36	51.9	10/01	43	1.7	14.5	1.7	.
Terral-REV®	56R21™	52.5	28 ^T	54.6	10/03	34	1.0	13.1	1.0	.
Public Variety	Ozark	52.4	33 ^T	52.5	09/30	25	1.0	16.2	1.3	.
SS	LL595N	50.8	37	51.8	10/01	28	1.0	13.4	1.0	.
Terral-REV®	59R13™	50.3	33 ^T	52.5	10/02	30	1.0	13.9	1.0	.
Bayer	HBK LL4950	.	1	64.1	10/02	40	1.0	13.8	1.3	.
NK	S57-K3 Brand	.	2	63.7	10/06	34	1.7	14.9	1.0	.
Armor	X1413	.	3	62.4	09/24	39	1.0	15.7	1.0	.
Croplan Genetics	R2C5673	.	4	62.2	10/02	36	1.0	13.7	1.7	.
Halo	5:45	.	5 ^T	61.8	10/04	32	1.3	13.9	1.0	.
Armor	53-R16	.	5 ^T	61.8	10/01	31	1.0	12.6	1.3	.
Public Variety	NC Miller	.	9	60.5	10/02	25	1.0	16.0	1.0	.
NK S52-Y2 Brand	NK S52-Y2 Brand	.	10	59.8	09/23	34	1.0	15.1	1.0	.
Pioneer	95Y80	.	11	59.6	10/04	34	1.7	14.5	1.0	.
Croplan Genetics	R2C5103	.	12 ^T	59.4	09/28	37	1.3	15.9	2.0	.
AR	R04-1268RR	.	12 ^T	59.4	09/28	30	1.0	14.0	1.3	.
Bayer	HBK LL5350	.	13	59.3	10/01	23	1.0	13.7	1.3	.
SS	5513N R2	.	15	59.0	10/03	39	1.0	14.5	1.0	.
Halo	5:01	.	16 ^T	58.6	09/29	40	1.0	13.6	1.7	.
AgSouth	AGS 533 LL	.	17	58.2	09/27	40	1.0	14.1	1.3	.
Pioneer	P54T94R	.	18	58.0	09/29	30	1.0	14.4	2.0	.
Asgrow	AG5634	.	19	57.8	10/02	39	1.7	17.4	1.3	.
AgSouth	AGS 568RR	.	21	56.8	10/05	29	1.0	14.6	1.0	.
Halo	5:26	.	22 ^T	56.7	09/30	28	1.0	15.2	1.0	.
AR	R04-1250RR	.	23 ^T	56.3	10/02	34	1.7	16.1	1.7	.
Asgrow	AG5534	.	23 ^T	56.3	10/01	30	1.0	15.6	2.0	.
Armor	55-R22	.	25	55.1	10/01	27	1.0	16.2	1.0	.
Go Soy	5312 LL	.	26	54.9	09/30	40	2.0	13.9	1.3	.

Athens, Georgia: Soybean Variety Performance, 2013, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2013 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 - continued</u>										
SS	5711 R2	.	27	54.7	10/02	35	1.3	15.0	1.3	.
SS	5911 R2	.	28 ^T	54.6	10/09	29	1.0	12.2	1.0	.
Armor	53-R88	.	30	53.3	10/02	29	1.0	15.3	1.3	.
Bayer	HBK RY5221	.	31	53.2	09/27	38	1.7	16.5	2.7	.
Halo	X530	.	34	52.4	09/30	50	1.7	15.3	1.3	.
Armor	X1425	.	35	52.2	10/09	27	1.0	12.3	1.0	.
Average		55.8		57.3 ⁵	10/01	33	1.2	14.5	1.3	.
LSD at 10% Level		5.5		6.2	02	4	0.5	1.0	0.5	
Std. Err. of Entry Mean		1.8		2.6	01	1	0.2	0.4	0.2	
<u>Maturity Group VI</u>										
NK	S67-R6 Brand	58.2	3	59.9	10/11	44	1.7	15.9	1.7	.
Dyna-Gro	36RY68	55.0	14	52.1	10/12	44	2.0	14.3	1.3	.
SS	SS 6810NR2	54.5	12	53.1	10/14	45	1.7	15.2	1.7	.
CG	R2C6810	53.4	11	54.0	10/13	42	1.7	14.8	1.3	.
Public Variety	Musen	47.3	17	48.3	10/15	45	2.3	12.1	1.0	.
Asgrow	AG6534	.	1	64.2	10/11	39	1.0	14.8	1.3	.
CG	R2C6192	.	2	62.9	10/06	38	1.0	12.3	1.0	.
Armor	X1426	.	4	59.7	10/06	38	1.0	12.3	1.3	.
Dyna-Gro	S61RY93	.	5	59.5	10/07	37	1.0	11.9	1.7	.
Dyna-Gro	S65RY73	.	6	59.4	10/06	41	1.7	12.0	1.0	.
CG	3R2C67	.	7	56.2	10/09	44	1.3	13.9	1.0	.
Public Variety	NC Roy	.	8	55.2	10/09	40	3.7	12.6	1.0	.
NK	S68-D4	.	9	55.0	10/08	44	2.0	16.2	1.7	.
Asgrow	AG6834	.	10	54.8	10/11	46	1.7	15.4	1.7	.
SS	6713N R2	.	13	53.0	10/07	41	1.7	13.5	1.0	.
Armor	X1427	.	15	52.0	10/10	41	1.3	13.6	1.3	.
Dyna-Gro	S69RY34	.	16	50.8	10/10	51	2.0	13.9	1.0	.
Average		53.7		55.9 ⁶	10/10	42	1.7	13.8	1.3	.
LSD at 10% Level		5.7		6.8	03	3	0.6	1.2	N.S. ⁷	
Std. Err. of Entry Mean		2.2		2.8	01	1	0.2	0.5	0.3	
<u>Maturity Group VII and VIII</u>										
AgSouth	AGS Woodruff	69.6	3	79.6	10/24	40	1.7	18	1.0	.
Dyna-Gro	34RY75	66.1	1	83.4	10/23	44	1.7	14.4	1.0	.
NK	S74-M3 Brand	65.8	2	79.8	10/21	42	1.7	19.2	1.7	.
Croplan Genetics	R2C7622	63.4	10	74.2	10/22	42	2.0	14.0	1.3	.
Asgrow	AG7733	62.0	14	73.1	10/21	44	1.0	18.7	1.3	.
USG	77S40R2	61.7	11 ^T	73.9	10/22	39	1.3	18.2	1.0	.
SS	SS7511NR2	61.3	26 ^T	69.1	10/24	44	1.0	18.3	2.0	.
UGA	G10PR-56248R2	60.6	23	69.8	10/21	41	1.3	15.9	1.0	.
UGA	G08-4200RR	59.9	39 ^T	63.9	10/20	44	3.0	13.1	1.0	.
UGA	G08-3279RR	59.1	37 ^T	65.8	10/24	45	2.3	18.1	1.0	.

Athens, Georgia: Soybean Variety Performance, 2013, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2013 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
Maturity Group VII and VIII - continued										
AgSouth	AGS787 RR	58.4	25	69.2	10/18	42	1.0	15.7	1.3	.
NK	S77-T7 Brand	58.2	31 ^T	68.2	10/23	42	2.0	14.3	1.3	.
UGA	G06-3182RR	57.7	28	68.9	10/15	38	1.3	14.0	1.3	.
Bayer	HBK R7028	57.5	22	70.2	10/19	44	1.0	15.5	1.0	.
SC	SC03-062	57.4	31 ^T	68.2	10/30	42	2.3	16.0	1.0	.
NK	S78-G6 Brand	57.4	37 ^T	65.8	10/22	44	2.0	20.2	2.7	.
AgSouth	AGS 767 RR	57.0	11 ^T	73.9	10/16	38	1.7	13.2	1.0	.
AGSouth	AGS 828 RR	56.9	30	68.3	10/22	41	2.3	14.1	1.0	.
SC	SC04-306	56.8	32	67.8	10/28	43	2.0	15.5	1.3	.
Public Variety	Santee	54.7	36	66.2	10/18	47	1.7	17.2	1.0	.
Public Variety	Motte	54.5	39 ^T	63.9	10/28	46	2.3	15.0	1.0	.
UGA	G08-5122RR	54.0	35	66.7	10/27	49	2.7	15.5	1.0	.
AgSouth	AGS Prichard RR	52.8	42	62.0	10/28	51	2.7	14.5	1.0	.
Pioneer	97M50	52.5	40	63.5	10/21	41	1.7	16.1	1.0	.
Public Variety	Cook	48.7	43	56.4	10/21	44	2.0	17.6	1.0	.
UGA	G10PR-86R2	.	4	78.2	10/21	45	3.0	17.8	1.3	.
UGA	G12PR-7R2	.	5	77.5	10/19	45	2.0	20.7	1.0	.
UGA	G00-3213	.	6	77.2	10/22	44	2.0	18.6	1.0	.
UGA	G00-3880	.	7	77.0	10/21	43	2.0	17.0	1.0	.
AgSouth	AGS 75R27	.	8	75.3	10/21	42	1.3	17.9	2.0	.
Asgrow	AG7934	.	9	74.6	10/24	48	1.7	17.5	1.3	.
UGA	G10PR-56444R2	.	12 ^T	73.6	10/23	42	1.0	16.4	1.0	.
CG	3R2C70	.	12 ^T	73.6	10/16	47	1.0	16.9	1.0	.
Bayer	HBK RY7523	.	13	73.2	10/18	41	1.0	16.3	1.7	.
SC	SC07-108	.	15	73.0	10/27	43	2.0	16.2	1.0	.
SC	SC07-1518	.	16	72.6	10/28	46	1.3	17.2	1.0	.
CG	R2C7390	.	17	72.3	10/18	35	1.0	16.9	1.0	.
UGA	G10PR-56264R2	.	18	72.0	10/21	41	1.7	15.6	1.0	.
Public Variety	NC Raleigh	.	19	71.8	10/24	38	2.7	15.1	1.0	.
UGA	G10PR-224R2	.	20	70.9	10/20	45	2.0	16.0	1.0	.
USG	77S13R	.	21	70.4	10/15	49	1.3	16.2	1.0	.
Armor	X1428	.	24	69.7	10/16	50	1.7	15.7	1.3	.
UGA	G12PR-6354AR2	.	26 ^T	69.1	10/19	46	1.7	16.8	1.7	.
USG	77S63R	.	27	69.0	10/20	39	1.0	16.6	1.3	.
Dyna-Gro	SX13875R	.	29 ^T	68.4	10/18	38	1.0	16.5	1.0	.
AgSouth	AGS 70R26	.	29 ^T	68.4	10/15	46	1.7	15.9	1.0	.
Public Variety	N7003CN	.	33	67.4	10/23	40	2.0	17.9	1.7	.
UGA	G12PR-6354BR2	.	34	67.3	10/18	43	2.0	14.9	1.3	.
UGA	G09-3202R2	.	38	65.0	10/17	45	2.7	16.1	1.0	.
UGA	G10PR-56330R2	.	41	63.4	10/20	42	2.0	14.7	1.0	.
Average		58.5		70.4 ⁸	10/21	43	1.8	16.4	1.2	.
LSD at 10% Level		6.9		8.2	02	5	0.8	1.1	0.4	.
Std. Err. of Entry Mean		2.3		3.5	01	2	0.3	0.5	0.2	.

Athens, Georgia: Soybean Variety Performance, 2013, Irrigated (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 = 7.9% and df for EMS = 90.
6. CV = 8.8% and df for EMS = 32.
7. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
8. CV = 8.6% and df for EMS = 98.

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

Planted: Maturity Group V - May 21, 2013.
Maturity Group VI - May 22, 2013.
Maturity Group VII & VIII - May 22, 2013.

Harvested: Maturity Group V - October 10, 2013.
Maturity Group VI - October 24, 2013.
Maturity Group VII & VIII - November 6, 2013.

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

Soil Type: Maturity Group V - Appling coarse sandy loam.
Maturity Group VI - Cecil coarse sandy loam.
Maturity Group VII & VIII - Cecil coarse sandy loam.

Soil Test: Maturity Group V - P = High, K = Medium, and pH = 6.6.
Maturity Group VI - P = High, K = High, and pH = 6.5.
Maturity Group VII & VIII - P = Medium, K = High, and pH = 6.3.

Fertilization: 14 lb N, 52 lb P₂O₅, and 105 lb K₂O/acre.

Previous Crop: Maturity Group V - Cotton.
Maturity Group VI - Fallow.
Maturity Group VII & VIII - Sorghum.

Management: Chiseled and disked; Valor XLT, Prowl, Classic, and one cultivation used for weed control;
Endigo used for insect control; Domark used for disease control; Telone II used for nematode control; irrigated 2 inches.

Test conducted by Z. Li, E.D. Wood, G.B. Bishop, S.L. Finnerty, W.E. Baxter, C.T. Collins, B.F. Wilson, H. J. Yeomans, and J.J. Griffin.

Calhoun, Georgia: Soybean Variety Performance, 2013, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2013 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
Maturity Group V										
Schillinger	5220.RC	54.9	2	54.1	09/24	44	1.0	15.6	1.5	1.0
Public Variety	Osage	54.6	14	48.3	09/24	36	1.0	14.1	1.0	1.0
Terral-REV®	59R13™	52.4	22 ^T	44.8	10/03	42	1.0	14.3	1.3	1.0
Schillinger	557.RC	52.3	23	44.5	10/01	42	1.2	14.0	1.7	1.0
AGSouth	AGS 5911LL	51.8	28	42.8	10/01	41	1.0	13.8	1.2	1.0
Terral-REV®	57R21™	50.9	24	44.3	09/27	54	2.2	13.7	2.3	1.0
Go Soy	5410 LL	50.1	13	48.4	09/24	41	1.0	14.5	1.5	1.0
SS	SS5511NR2	49.5	26 ^T	43.1	09/27	45	1.0	17.6	1.5	1.0
Pioneer	95Y70	47.5	30	41.6	10/03	46	2.3	12.7	1.8	1.0
Pioneer	95Y71	46.9	27	42.9	10/01	45	1.7	13.7	1.3	1.0
SS	LL595N	46.2	8 ^T	49.1	10/01	42	1.0	14.7	1.5	1.0
Public Variety	Ozark	46.0	19	45.8	09/24	42	1.3	15.6	1.7	1.0
AR	UA 5612	45.9	40	37.8	10/01	44	3.0	12.5	1.5	1.0
Terral-REV®	56R21™	45.7	32	41.2	10/03	48	2.0	13.5	2.0	1.0
Terral-REV®	56R63™	42.7	34	40.3	10/01	49	2.5	14.3	1.5	1.0
Bayer	HBK RY5421	41.5	39	38.6	09/27	40	3.0	14.7	2.2	1.0
Pioneer	95Y61	40.2	37	39.2	09/27	49	2.5	13.9	2.3	1.0
NK S52-Y2 Brand	NK S52-Y2 Brand	.	1	56.1	09/19	43	1.2	15.5	1.8	1.0
Halo	5:45	.	3	54.0	09/30	44	1.2	14.7	1.2	1.0
Armor	X1413	.	4	53.3	09/19	47	1.0	15.5	3.0	1.0
Armor	53-R88	.	5	53.1	10/03	39	1.0	15.8	1.3	1.0
Bayer	HBK LL5350	.	6	50.1	09/27	33	1.0	14.0	1.5	1.0
Halo	5:26	.	7	50.0	09/27	39	1.0	15.0	1.2	1.0
Armor	53-R16	.	8 ^T	49.1	09/24	42	1.0	13.3	1.7	1.0
Public Variety	NC Miller	.	9	49.0	09/27	38	1.0	16.6	1.5	1.0
Bayer	HBK LL4950	.	10	48.8	09/24	43	1.3	13.9	1.8	1.0
Croplan Genetics	R2C5103	.	11	48.7	09/19	45	1.0	15.4	2.2	1.0
Pioneer	P54T94R	.	12	48.6	09/26	40	1.0	14.7	1.7	1.0
AgSouth	AGS 533 LL	.	15	48.2	09/24	46	1.0	14.6	2.0	1.0
Pioneer	95Y80	.	16	48.1	10/06	42	2.2	14.9	2.0	1.0
Halo	5:01	.	17 ^T	47.9	09/24	44	1.5	14.7	1.5	1.0
Croplan Genetics	R2C5673	.	17 ^T	47.9	09/29	46	1.7	13.4	2.2	1.0
Go Soy	5312 LL	.	18	46.1	10/01	49	2.7	14.2	2.5	1.0
AR	R04-1268RR	.	20	45.3	09/29	39	2.7	13.6	1.8	1.0
Armor	55-R22	.	21	45.0	09/29	42	1.3	17.1	1.5	1.0
AgSouth	AGS 568RR	.	22 ^T	44.8	09/29	49	2.2	14.3	2.0	1.0
Asgrow	AG5534	.	22 ^T	44.8	09/27	44	1.2	14.4	2.3	1.0
NK	S57-K3 Brand	.	25	43.6	09/29	43	2.2	14.8	1.7	1.0
AR	R04-1250RR	.	26 ^T	43.1	09/29	43	1.5	16.2	1.7	1.0
Bayer	HBK RY5221	.	29	42.0	09/27	53	1.8	16.7	3.5	1.0
SS	5513N R2	.	31	41.5	09/29	45	1.8	13.4	2.0	1.0
SS	5711 R2	.	33	40.9	09/28	43	1.7	14.0	1.7	1.0
Asgrow	AG5634	.	35	40.2	09/29	52	2.8	16.8	2.8	1.0
Halo	X530	.	36	39.9	09/24	60	1.7	15.5	2.3	1.0
SS	5911 R2	.	38	39.0	10/03	43	1.0	10.4	2.0	1.0
Armor	X1425	.	41	37.7	10/04	41	1.0	10.5	2.0	1.0
Average		48.2		45.5 ⁵	09/28	44	1.6	14.5	1.8	1.0
LSD at 10% Level		8.2		5.9	04	4	0.7	0.9	0.5	-
Std. Err. of Entry Mean		2.7		2.5	02	2	0.3	0.4	0.2	-

Calhoun, Georgia: Soybean Variety Performance, 2013, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2013 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
Maturity Group VI										
NK	S67-R6 Brand	48.9	3	37.9	10/07	47	2.7	14.3	1.3	1.0
SS	SS 6810NR2	47.5	7	34.7	10/10	45	1.3	14.1	1.5	1.0
CG	R2C6810	45.9	8 ^T	33.5	10/09	46	1.5	13.2	1.3	1.0
Dyna-Gro	36RY68	44.4	11	31.6	10/11	45	1.5	14.1	1.7	1.0
Public Variety	Musen	42.2	15	27.6	10/11	48	3.2	11.9	1.5	1.0
CG	R2C6192	.	1	44.1	10/03	41	1.0	11.4	1.5	1.2
Dyna-Gro	S65RY73	.	2	38.6	10/08	44	2.2	11.8	2.0	1.0
Dyna-Gro	S61RY93	.	4	36.1	10/04	39	1.0	10.7	2.0	1.0
Armor	X1426	.	5	36.0	10/04	39	1.2	10.9	1.8	1.2
Asgrow	AG6534	.	6	34.8	10/09	41	1.0	12.9	1.5	1.0
CG	3R2C67	.	8 ^T	33.5	10/08	44	1.3	12.7	1.5	1.0
SS	6713N R2	.	9	33.4	10/09	38	1.0	13.9	1.3	1.0
NK	S68-D4	.	10	32.4	10/07	46	2.8	15.4	1.7	1.0
Asgrow	AG6834	.	12	31.5	10/09	50	1.8	14.1	1.8	1.0
Public Variety	NC Roy	.	13	28.1	10/11	46	3.8	10.8	1.5	1.0
Dyna-Gro	S69RY34	.	14	27.7	10/10	53	2.8	12.3	1.8	1.0
Armor	X1427	.	16	27.4	10/08	45	1.3	13.0	1.5	1.0
Average		45.8		33.5 ⁶	10/08	45	1.9	12.8	1.6	1.0
LSD at 10% Level		3.9		4.3	02	3	0.6	1.0	0.3	-
Std. Err. of Entry Mean		2.8		1.8	01	1	0.3	0.4	0.1	-

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 = 9.5% and df for EMS = 90.
6. CV = 9.3% and df for EMS = 32.

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 29, 2013.

Harvested: Maturity Group V - October 16, 2013.

Maturity Group VI - November 5, 2013.

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

Soil Type: Rome gravelly clay loam.

Soil Test: P = High, K = High, and pH = 5.7.

Fertilization: 13 lb N, 33 lb P₂O₅, and 85 lb K₂O/acre.

Previous Crop: Fallow.

Management: Chisel plowed, disked, rototilled; Prowl H20, Select Max, Classic, and 2 cultivations used for weed control; Endigo and Warrior used for insect control; irrigated 1 inch.

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