

SOYBEAN

Summary of MG V and MG VI Soybean Variety Performance at Six Locations, 2015

Company/Brand	Variety	2015 Yield ¹						Statewide Average	
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	2015	2-Year
----- bu/acre -----									
Maturity Group V									
AGSouth	AGS 533 LL	41.2	42.6	88.8	68.2	72.0	82.1	65.8	61.8
AGSouth	AGS 568RR	48.7	51.8	64.4	75.8	74.6	78.2	65.6	62.3
AGSouth	AGS 5911LL	41.7	40.1	73.3	69.5	76.2	76.0	62.8	.
AR	R09-430	45.2	45.4	69.2	80.2	65.6	84.1	65.0	.
AR	R10-197RY	37.5	45.7	65.8	70.8	64.1	71.4	59.2	.
AR	UA 5213C	42.7	45.7	72.7	72.4	78.0	77.7	64.9	61.2
AR	UA 5414RR	38.6	41.1	62.7	67.7	57.2	76.1	57.2	.
AR	UA 5612	47.3	43.8	68.5	68.1	68.3	72.4	61.4	59.4
AR	UA 5814HP	50.9	51.6	59.1	71.8	77.2	70.5	63.5	.
Bayer	CZ 4959 RY	29.3	46.1	60.4	69.2	67.9	73.6	57.7	.
Bayer	CZ 5515 LL	43.9	41.6	64.2	67.4	68.0	79.2	60.7	.
Bayer	CZ 5727 LL	50.3	48.8	66.9	71.3	70.4	75.9	63.9	.
Bayer	CZ 5947 LL	55.8	47.8	54.3	72.9	63.5	79.1	62.2	.
Bayer	HBK LL4950	34.0	45.4	70.0	65.2	63.8	72.5	58.5	59.3
Bayer	HBK RY5221	43.8	52.4	80.4	66.8	60.8	62.6	61.1	55.0
Croplan Genetics	5R2C56	39.3	50.3	62.3	74.6	69.2	79.9	62.6	.
Croplan Genetics	R2C5673	37.1	47.5	75.4	74.4	81.9	79.7	66.0	.
Dyna-Gro	39RY57	39.8	36.4	70.6	76.3	78.5	82.8	64.1	61.4
Dyna-Gro	S56RY84	48.4	42.7	72.4	70.8	78.3	83.0	65.9	64.0
NK	S52-Y2 Brand	32.2	46.7	68.4	76.9	77.5	81.0	63.8	61.6
NK	S53-A1	38.2	48.2	78.6	64.9	71.1	72.0	62.1	.
NK	S58-Z4	59.4	47.1	71.0	82.2	78.1	74.4	68.7	.
Pioneer	P52T50R	43.0	44.2	77.2	74.6	69.0	80.4	64.7	.
Pioneer	P54T94R	52.7	48.4	71.9	80.6	69.8	83.4	67.8	62.2
Pioneer	P56T12SR	55.5	56.1	68.1	76.0	78.1	76.7	68.4	.
Public Variety	Osage	35.3	37.3	86.6	69.8	65.6	77.3	62.0	59.1
SS	5513N R2	44.1	42.8	62.9	73.5	75.5	79.0	63.0	62.1
SS	5711N R2	47.5	34.9	72.3	76.0	66.1	85.7	63.7	62.5
SS	LL 5914NS	59.6	38.7	66.7	67.7	74.9	75.9	63.9	.
SS	SS 5511N R2	41.6	46.7	79.8	74.5	68.7	74.8	64.3	61.7
SS	SS 5615N R2	46.0	46.1	72.7	74.8	74.7	77.7	65.3	.
Terral-REV®	55R53™	46.8	45.3	74.9	76.2	72.5	81.7	66.2	61.5
Terral-REV®	56R63™	43.3	48.1	69.2	67.7	76.7	74.6	63.3	60.0
Terral-REV®	57R21™	47.7	47.1	62.9	69.2	71.4	73.4	61.9	58.3
University of MO	S11-16653	43.2	56.8	71.4	68.4	75.4	80.1	65.9	.
University of MO	S11-17025	36.8	42.9	53.1	71.3	67.6	79.8	58.6	.
University of MO	S11-20124	55.6	43.9	82.7	72.3	74.2	72.8	66.9	.
University of MO	S11-20195	49.6	45.6	64.7	70.4	67.4	77.6	62.6	.
University of MO	S11-20337	36.1	47.3	64.9	68.2	61.4	68.8	57.8	.
USDA-ARS	JTN-5110	33.5	45.4	61.0	70.5	70.2	76.7	59.5	.
USG	75J90R	43.2	39.7	79.6	75.3	68.3	76.7	63.8	.
Average		44.1	45.5	69.8	72.1	71.0	77.0	63.2	60.8
LSD at 10% Level		7.7	6.5	10.1	5.0	7.4	5.1	3.8	2.5
Std. Err. of Entry Mean		3.3	2.8	4.3	2.1	3.2	2.2	1.6	1.1

Summary of MG V and MG VI Soybean Variety Performance at Six Locations, 2015 (Continued)

Company/Brand	Variety	2015 Yield ¹						Statewide Average	
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	2015	2-Year
----- bu/acre -----									
Maturity Group VI									
AGSouth	AGS 674 LL	39.8	44.9	59.5	63.9	71.0	73.3	58.7	.
Asgrow	AG6536 GENRR2Y	33.3	42.5	63.2	67.5	81.8	64.5	58.8	.
Bayer	CZ 6060 RY	34.7	46.5	74.1	73.9	84.4	69.6	63.8	.
Bayer	CZ 6109 LL	37.6	43.0	66.3	77.4	75.6	68.4	61.4	.
Bayer	CZ 6316 LL	36.4	41.5	65.4	69.6	76.2	71.5	60.1	.
Bayer	CZ 6515 LL	47.1	51.9	54.9	63.7	71.4	75.4	60.7	.
Croplan Genetics	5R2T65	22.0	45.9	68.8	72.1	76.6	71.1	59.4	.
Croplan Genetics	R2C6192	31.2	45.1	67.2	64.5	68.6	65.3	57.0	.
Croplan Genetics	R2C6764	28.6	42.4	65.3	70.0	84.3	63.4	59.0	57.6
Dyna-Gro	S65RY73	44.8	45.7	66.4	72.7	80.9	62.6	62.2	61.2
Dyna-Gro	S67RY25	22.5	42.2	57.8	70.5	80.5	66.1	56.6	.
Meherrin	SH 6215 LL	42.4	46.7	53.2	62.4	78.4	65.6	58.1	.
Meherrin	SH 6515 LL	38.3	50.2	68.6	73.7	76.3	76.6	64.0	.
Meherrin	SH 6815 LL	41.0	38.0	60.5	62.4	74.6	75.3	58.6	.
NK	S67-R6 Brand	50.3	55.7	64.2	69.8	81.2	68.3	64.9	63.2
Pioneer	P67T25R2	41.2	38.6	58.9	71.8	84.7	64.5	59.9	.
Public Variety	Musen	35.0	45.8	52.7	61.5	78.6	63.0	56.1	53.7
SS	LL 6314S	46.8	45.4	53.4	70.5	75.2	69.1	60.1	.
SS	SS 6315 R2	27.4	27.7	61.5	70.4	76.4	52.8	52.7	.
SS	SS 6810N R2	39.6	39.9	61.0	65.8	80.8	75.6	60.5	58.5
TA Seeds	TS6569R2	27.5	30.4	65.2	70.9	79.3	42.2	52.6	.
USG	76J45R	28.4	35.0	58.6	65.9	85.1	51.7	54.1	.
USG	76S73R	25.1	41.0	56.3	65.5	85.6	64.5	56.3	.
Average		35.7	42.9	61.9	68.5	78.6	66.1	58.9	58.8
LSD at 10% Level		5.7	5.6	6.6	5.6	5.7	7.0	4.6	3.1
Std. Err. of Entry Mean		2.4	2.5	2.8	2.3	2.4	2.9	2.0	1.3

1. Yields calculated at 13% moisture.

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 MG VIII Soybean Variety Performance at Six Locations, 2015

Company/Brand	Variety	2015 Yield ¹						Statewide Average	
		Late-Planted		Early-Planted				2015	2-Year
		Griffin	Plains	Athens	Midville	Plains	Tifton		
----- bu/acre -----									
Maturity Groups VII and VIII									
AGSouth	AGS 738 RR	57.6	74.0	47.5	65.0	84.2	79.9	68.0	65.3
AGSouth	AGS 757 RR	62.0	66.5	51.1	56.0	79.0	60.4	62.5	62.1
AGSouth	AGS 807	57.0	70.0	45.0	53.9	80.9	79.5	64.4	62.1
AGSouth	AGS 828 RR	52.3	70.0	48.8	51.4	79.9	70.8	62.2	61.2
AGSouth	AGS Woodruff	63.5	73.5	63.1	64.6	80.6	78.5	70.6	65.2
Asgrow	AG7535 GENRR2Y	62.4	79.7	53.9	68.0	87.6	79.5	71.9	69.9
Bayer	CZ 7007 LL	54.0	67.2	52.0	58.6	77.1	64.4	62.2	.
Bayer	CZ 7070 RY	60.0	76.2	42.2	64.8	86.3	79.2	68.1	65.6
Bayer	CZ 7132 LL	54.3	60.5	43.4	47.6	73.5	60.8	56.7	.
Bayer	HBK RY7523	60.4	72.6	46.1	62.1	78.8	69.1	64.8	60.9
Croplan Genetics	5R2C72S	55.9	68.5
Croplan Genetics	R2C7622	61.4	73.3	48.6	57.1	84.9	72.2	66.2	.
Dyna-Gro	S72RS36	67.4	71.6	51.2	64.3	82.8	76.5	69.0	.
Dyna-Gro	S74RY15	60.6	73.0	47.3	60.9	84.8	66.1	65.5	61.4
Dyna-Gro	S77RY85	59.3	68.4	46.6	63.7	80.5	80.4	66.5	64.7
Meherrin	SH 7116 LL	61.3	60.5	27.4	48.5	75.5	57.8	55.2	.
NK	S73-S8	56.5	73.8	39.9	57.9	83.8	79.1	65.2	.
NK	S74-M3	55.7	74.1	51.7	70.3	88.0	79.6	69.9	67.4
Pioneer	P76T54R2	60.8	65.4	44.0	69.0	89.4	69.8	66.4	.
Public Variety	Cheraw	61.8	64.4	55.7	60.8	78.3	71.5	65.4	.
Public Variety	Cook	47.2	60.1	42.5	58.1	72.9	72.8	58.9	55.8
Public Variety	Maxcy	58.4	66.4	46.1	54.7	78.0	72.3	62.6	.
Public Variety	Paul	50.8	73.1	44.6	50.7	84.9	67.7	62.0	.
Public Variety	Santee	51.1	68.6	44.5	59.0	79.1	72.4	62.4	61.2
SC	SC06-291RR	43.4	67.6	50.0	50.5	71.4	61.3	57.4	.
SC	SC06-301RR	59.4	71.9	53.7	52.7	75.8	57.1	61.8	59.7
SC	SC07-108RR	52.4	75.3	53.4	49.8	79.6	66.0	62.7	62.1
SC	SC07-1490RR	57.5	66.6	52.3	60.2	76.4	74.8	64.6	60.4
SC	SC07-1518RR	62.0	61.6	49.3	64.8	76.7	74.4	64.8	61.2
SC	SC09-092RR	55.8	60.4	45.0	58.6	70.8	60.3	58.5	.
SS	SS 7215NS R2	65.8	69.5	50.5	59.8	82.0	78.7	67.7	.
TA Seeds	TS8059R2	50.8	68.4	48.2	59.6	76.0	74.2	62.9	.
Terral-REV®	73A74™	55.4	53.9	48.9	64.7	75.0	66.1	60.7	58.9
UGA	G00-3213	58.0	71.7	60.2	63.1	80.5	74.4	68.0	.
UGA	G00-3880	56.3	68.7	49.5	61.5	81.5	76.9	65.8	.
UGA	G10PR-56444R2	48.3	78.0	54.1	63.4	85.6	71.8	66.9	64.9
UGA	G11PR-209R2	55.7	68.0	44.8	64.3	80.4	78.6	65.3	64.0
UGA	G11PR-407R2	62.2	69.9	51.1	60.8	75.5	68.6	64.7	61.9
UGA	G11PR-56151R2	60.0	76.4	60.2	67.5	78.7	72.4	69.2	64.7
UGA	G11PR-56238R2	51.2	77.7	44.6	64.3	83.4	74.8	66.0	63.9

Summary of MG VII and MG VIII Soybean Variety Performance at Six Locations, 2015 (Continued)

Company/Brand	Variety	2015 Yield ¹						Statewide Average	
		Late-Planted		Early-Planted				2015	2-Year
		Griffin	Plains	Athens	Midville	Plains	Tifton		
----- bu/acre -----									
Maturity Groups VII and VIII - continued									
UGA	G13LL-44	65.2	70.3	54.1	67.0	85.0	73.4	69.2	.
UGA	G13LL-5	59.8	71.5	55.2	62.6	80.7	74.6	67.4	.
UGA	G13LL-56	64.2	68.6	50.9	68.2	81.3	74.1	67.9	.
UGA	G13LL-7	54.5	66.3	61.3	62.5	85.8	85.3	69.3	.
USG	77J25RS		76.1	44.4	69.0	81.9	73.6	68.6	.
USG	77S40R	64.8	73.5	44.8	70.7	84.3	79.6	69.6	67.2
USG	78S04R	62.5	70.3	41.2	56.9	73.8	66.0	61.8	59.1
Average		57.9	69.7	48.9	60.6	80.3	72.1	64.9	62.8
LSD at 10% Level		7.6	6.7	8.4	6.1	6.8	7.8	3.9	2.7
Std. Err. of Entry Mean		3.2	2.8	3.6	2.6	2.9	3.3	1.7	1.2

1. Yields calculated at 13% moisture.

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 MG VI Soybean Variety Performance, 2015

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide	
		2015	2-Year Average	2015	2-Year Average	2015	2-Year Average
----- bu/acre -----							
Maturity Group V							
AGSouth	AGS 533 LL	74.1	68.8	57.5	54.8	65.8	61.8
AGSouth	AGS 568RR	76.2	69.7	54.9	54.9	65.6	62.3
AGSouth	AGS 5911LL	73.9	.	51.7	.	62.8	.
AR	R09-430	76.6	.	53.3	.	65.0	.
AR	R10-197RY	68.7	.	49.6	.	59.2	.
AR	UA 5213C	76.1	67.7	53.7	54.6	64.9	61.2
AR	UA 5414RR	67.0	.	47.5	.	57.2	.
AR	UA 5612	69.6	65.6	53.2	53.1	61.4	59.4
AR	UA 5814HP	73.2	.	53.9	.	63.5	.
Bayer	CZ 4959 RY	70.2	.	45.2	.	57.7	.
Bayer	CZ 5515 LL	71.5	.	49.9	.	60.7	.
Bayer	CZ 5727 LL	72.5	.	55.3	.	63.9	.
Bayer	CZ 5947 LL	71.8	.	52.6	.	62.2	.
Bayer	HBK LL4950	67.2	66.4	49.8	52.1	58.5	59.3
Bayer	HBK RY5221	63.4	56.7	58.9	53.3	61.1	55.0
Croplan Genetics	5R2C56	74.5	.	50.7	.	62.6	.
Croplan Genetics	R2C5673	78.7	.	53.3	.	66.0	.
Dyna-Gro	39RY57	79.2	72.3	48.9	50.6	64.1	61.4
Dyna-Gro	S56RY84	77.4	73.1	54.5	55.0	65.9	64.0
NK	S52-Y2 Brand	78.5	72.1	49.1	51.1	63.8	61.6
NK	S53-A1	69.3	.	55.0	.	62.1	.
NK	S58-Z4	78.3	.	59.2	.	68.7	.
Pioneer	P52T50R	74.7	.	54.8	.	64.7	.
Pioneer	P54T94R	78.0	70.0	57.6	54.5	67.8	62.2
Pioneer	P56T12SR	76.9	.	59.9	.	68.4	.
Public Variety	Osage	70.9	67.0	53.1	51.1	62.0	59.1
SS	5513N R2	76.0	72.2	49.9	51.9	63.0	62.1
SS	5711N R2	75.9	71.9	51.5	53.1	63.7	62.5
SS	LL 5914NS	72.8	.	55.0	.	63.9	.
SS	SS 5511N R2	72.6	67.6	56.0	55.7	64.3	61.7
SS	SS 5615N R2	75.7	.	54.9	.	65.3	.
Terral-REV®	55R53™	76.8	69.7	55.7	53.4	66.2	61.5
Terral-REV®	56R63™	73.0	67.4	53.5	52.6	63.3	60.0
Terral-REV®	57R21™	71.3	64.0	52.6	52.6	61.9	58.3
University of MO	S11-16653	74.6	.	57.1	.	65.9	.
University of MO	S11-17025	72.9	.	44.3	.	58.6	.
University of MO	S11-20124	73.1	.	60.7	.	66.9	.
University of MO	S11-20195	71.8	.	53.3	.	62.6	.
University of MO	S11-20337	66.1	.	49.4	.	57.8	.
USDA-ARS	JTN-5110	72.5	.	46.6	.	59.5	.
USG	75J90R	73.4	.	54.2	.	63.8	.
Average		73.3	68.4	53.1	53.2	63.2	60.8
LSD at 10% Level		3.4	3.1	5.6	N.S. ⁴	3.8	2.5
Std. Err. of Entry Mean		1.5	1.3	2.4	1.7	1.6	1.1

Regional Summary of MG V and MG VI Soybean Variety Performance, 2015 (Continued)

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide	
		2015	2-Year Average	2015	2-Year Average	2015	2-Year Average
----- bu/acre -----							
Maturity Group VI							
AGSouth	AGS 674 LL	69.4	.	48.1	.	58.7	.
Asgrow	AG6536 GENRR2Y	71.3	.	46.3	.	58.8	.
Bayer	CZ 6060 RY	75.9	.	51.8	.	63.8	.
Bayer	CZ 6109 LL	73.8	.	48.9	.	61.4	.
Bayer	CZ 6316 LL	72.4	.	47.8	.	60.1	.
Bayer	CZ 6515 LL	70.2	.	51.3	.	60.7	.
Croplan Genetics	5R2T65	73.3	.	45.6	.	59.4	.
Croplan Genetics	R2C6192	66.1	.	47.9	.	57.0	.
Croplan Genetics	R2C6764	72.6	69.7	45.4	45.6	59.0	57.6
Dyna-Gro	S65RY73	72.1	70.8	52.3	51.6	62.2	61.2
Dyna-Gro	S67RY25	72.4	.	40.8	.	56.6	.
Meherrin	SH 6215 LL	68.8	.	47.4	.	58.1	.
Meherrin	SH 6515 LL	75.5	.	52.4	.	64.0	.
Meherrin	SH 6815 LL	70.7	.	46.5	.	58.6	.
NK	S67-R6 Brand	73.1	73.2	56.7	53.1	64.9	63.1
Pioneer	P67T25R2	73.7	.	46.2	.	59.9	.
Public Variety	Musen	67.7	63.2	44.5	44.1	56.1	53.6
SS	LL 6314S	71.6	.	48.5	.	60.1	.
SS	SS 6315 R2	66.6	.	38.9	.	52.7	.
SS	SS 6810N R2	74.1	70.7	46.8	46.2	60.5	58.5
TA Seeds	TS6569R2	64.1	.	41.1	.	52.6	.
USG	76J45R	67.6	.	40.7	.	54.1	.
USG	76S73R	71.9	.	40.8	.	56.3	.
Average		71.1	69.5	46.8	48.1	58.9	58.8
LSD at 10% Level		N.S.	N.S.	5.1	3.0	4.6	3.1
Std. Err. of Entry Mean		1.5	1.1	2.2	1.3	2.0	1.3

1. Yields calculated at 13% moisture.

2. Midville, Plains, and Tifton.

3. Athens, Calhoun, and Griffin.

4. 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).

Regional Summary of MG VII and MG VIII Soybean Variety Performance, 2015

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide	
		2015	2-Year Average	2015	2-Year Average	2015	2-Year Average
----- bu/acre -----							
Maturity Groups VII and VIII							
AGSouth	AGS 738 RR	75.8	72.1	52.6	54.6	68.0	65.7
AGSouth	AGS 757 RR	65.5	65.9	56.5	56.1	62.5	62.4
AGSouth	AGS 807	71.1	66.9	51.0	52.9	64.4	61.8
AGSouth	AGS 828 RR	68.0	66.9	50.6	51.8	62.2	61.4
AGSouth	AGS Woodruff	74.3	67.6	63.3	63.9	70.6	66.3
Asgrow	AG7535 GENRR2Y	78.7	75.6	58.1	60.8	71.9	70.2
Bayer	CZ 7007 LL	66.8	.	53.0	.	62.2	.
Bayer	CZ 7070 RY	76.6	72.6	51.1	54.7	68.1	66.1
Bayer	CZ 7132 LL	60.6	.	48.8	.	56.7	.
Bayer	HBK RY7523	70.6	65.3	53.2	54.2	64.8	61.3
Croplan Genetics	R2C7622	71.9	.	55.0	.	66.2	.
Dyna-Gro	S72RS36	73.8	.	59.3	.	69.0	.
Dyna-Gro	S74RY15	71.2	66.0	54.0	53.4	65.5	61.4
Dyna-Gro	S77RY85	73.2	70.9	52.9	52.4	66.5	64.2
Meherrin	SH 7116 LL	60.6	.	44.4	.	55.2	.
NK	S73-S8	73.6	.	48.2	.	65.2	.
NK	S74-M3	78.0	74.5	53.7	56.7	69.9	68.0
Pioneer	P76T54R2	73.4	.	52.4	.	66.4	.
Public Variety	Cheraw	68.8	.	58.7	.	65.4	.
Public Variety	Cook	66.0	62.2	44.9	47.2	58.9	56.8
Public Variety	Maxcy	67.8	.	52.3	.	62.6	.
Public Variety	Paul	69.1	.	47.7	.	62.0	.
Public Variety	Santee	69.8	66.4	47.8	51.9	62.4	61.1
SC	SC06-291RR	62.7	.	46.7	.	57.4	.
SC	SC06-301RR	64.4	62.4	56.6	55.6	61.8	59.9
SC	SC07-108RR	67.7	66.3	52.9	54.1	62.7	61.9
SC	SC07-1490RR	69.5	65.3	54.9	52.9	64.6	60.8
SC	SC07-1518RR	69.4	65.3	55.6	55.8	64.8	61.8
SC	SC09-092RR	62.5	.	50.4	.	58.5	.
SS	SS 7215NS R2	72.5	.	58.2	.	67.7	.
TA Seeds	TS8059R2	69.6	.	49.5	.	62.9	.
Terral-REV®	73A74™	64.9	62.3	52.1	54.0	60.7	59.3
UGA	G00-3213	72.4	.	59.1	.	68.0	.
UGA	G00-3880	72.2	.	52.9	.	65.8	.
UGA	G10PR-56444R2	74.7	71.6	51.2	52.1	66.9	64.5
UGA	G11PR-209R2	72.8	70.3	50.2	52.4	65.3	63.8
UGA	G11PR-407R2	68.7	65.5	56.6	55.4	64.7	61.8
UGA	G11PR-56151R2	73.8	69.5	60.1	58.0	69.2	65.3
UGA	G11PR-56238R2	75.0	71.4	47.9	50.9	66.0	64.0
UGA	G13LL-44	73.9	.	59.7	.	69.2	.

Regional Summary of MG VII and MG VIII Soybean Variety Performance, 2015 (Continued)

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide	
		2015	2-Year Average	2015	2-Year Average	2015	2-Year Average
----- bu/acre -----							
Maturity Groups VII and VIII - continued							
UGA	G13LL-5	72.4	.	57.5	.	67.4	.
UGA	G13LL-56	73.0	.	57.5	.	67.9	.
UGA	G13LL-7	75.0	.	57.9	.	69.3	.
USG	77J25RS	75.1	.	55.5	.	68.6	.
USG	77S40R	77.0	73.3	54.8	58.0	69.6	67.7
USG	78S04R	66.8	63.1	51.8	50.5	61.8	58.5
Average		70.7	68.0	53.5	54.4	64.9	62.8
LSD at 10% Level		3.8	2.7	N.S. ⁴	5.4	3.9	2.7
Std. Err. of Entry Mean		1.6	1.1	3.2	2.3	1.7	1.2

1. Yields calculated at 13% moisture.

2. Midville, Plains, and Tifton plus Plains late-planted.

3. Athens plus Griffin late-planted.

4. 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).

Tifton, Georgia: Soybean Variety Performance, 2015, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 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>									
Dyna-Gro	S56RY84	83.4	4	83.0	09/23	35	2.7	15.7	2.0
SS	5513N R2	79.6	16	79.0	09/29	36	3.0	16.2	1.7
SS	5711N R2	79.3	1	85.7	09/24	36	2.7	17.9	1.5
NK	S52-Y2 Brand	77.8	8	81.0	09/20	43	3.7	15.1	2.0
Terral-REV®	55R53™	77.7	7	81.7	09/24	35	2.0	17.4	1.5
AGSouth	AGS 568RR	77.2	17	78.2	09/20	37	2.0	15.3	1.5
AGSouth	AGS 533 LL	75.9	6	82.1	09/20	47	3.7	15.8	2.7
Terral-REV®	56R63™	75.8	26	74.6	09/21	36	2.7	16.6	1.5
Dyna-Gro	39RY57	75.6	5	82.8	09/22	35	2.3	17.4	1.8
Pioneer	P54T94R	74.5	3	83.4	09/19	32	1.0	16.2	1.7
Public Variety	Osage	73.7	20	77.3	09/20	31	1.3	15.4	1.5
AR	UA 5213C	73.3	18 ^T	77.7	09/19	35	2.3	13.2	1.5
Bayer	HBK LL4950	72.6	31	72.5	09/20	49	3.7	14.8	1.8
SS	SS 5511N R2	71.8	25	74.8	09/21	38	1.7	19.1	1.5
AR	UA 5612	69.6	32	72.4	09/24	33	3.0	14.8	1.5
Terral-REV®	57R21™	68.8	29	73.4	09/22	36	2.3	16.0	1.5
Bayer	HBK RY5221	59.3	37	62.6	09/18	45	4.0	17.7	3.2
AR	R09-430	.	2	84.1	09/18	33	2.3	16.7	1.8
Pioneer	P52T50R	.	9	80.4	09/18	35	1.0	15.6	2.0
University of MO	S11-16653	.	10	80.1	09/20	27	2.7	18.4	1.5
Croplan Genetics	5R2C56	.	11	79.9	09/23	36	1.0	16.9	1.5
University of MO	S11-17025	.	12	79.8	09/24	31	3.0	16.1	2.0
Croplan Genetics	R2C5673	.	13	79.7	09/24	37	2.7	15.9	1.7
Bayer	CZ 5515 LL	.	14	79.2	09/24	51	4.0	16.5	1.5
Bayer	CZ 5947 LL	.	15	79.1	10/08	33	2.3	15.3	1.7
SS	SS 5615N R2	.	18 ^T	77.7	09/23	35	1.7	16.5	1.5
University of MO	S11-20195	.	19	77.6	09/18	29	3.3	15.3	1.5
USDA-ARS	JTN-5110	.	21 ^T	76.7	09/24	29	2.0	19.8	2.3
USG	75J90R	.	21 ^T	76.7	09/21	35	2.0	18.5	1.5
Pioneer	P56T12SR	.	21 ^T	76.7	09/21	34	3.3	18.2	1.5
AR	UA 5414RR	.	22	76.1	09/20	35	2.3	14.7	1.7
AGSouth	AGS 5911LL	.	23	76.0	09/25	35	2.0	16.1	1.5
SS	LL 5914NS	.	24 ^T	75.9	09/24	33	2.7	16.7	1.5
Bayer	CZ 5727 LL	.	24 ^T	75.9	09/24	37	2.7	17.5	1.5
NK	S58-74	.	27	74.4	10/02	39	1.7	15.5	1.5
Bayer	CZ 4959 RY	.	28	73.6	09/14	41	3.3	17.8	2.3
University of MO	S11-20124	.	30	72.8	09/20	31	3.0	14.3	1.5
NK	S53-A1	.	33	72.0	09/17	33	2.7	17.2	2.3
AR	R10-197RY	.	34	71.4	09/20	37	2.0	15.1	1.5
AR	UA 5814HP	.	35	70.5	10/01	33	2.7	16.6	1.7
University of MO	S11-20337	.	36	68.8	09/17	34	2.7	14.1	2.5
Average		74.5		77.0 ⁴	09/22	36	2.5	16.3	1.8
LSD at 10% Level		7.2		5.1	1	2	0.7	0.7	0.3
Std. Err. of Entry Mean		3.0		2.2	1	1	0.3	0.3	0.1

Tifton, Georgia: Soybean Variety Performance, 2015, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 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>									
NK	S67-R6 Brand	77.0	11	68.3	10/06	37	1.0	15.7	1.5
SS	SS 6810N R2	71.8	2	75.6	10/15	37	1.3	15.6	1.7
Dyna-Gro	S65RY73	71.8	18	62.6	10/07	35	1.0	12.1	1.7
Croplan Genetics	R2C6764	69.0	16	63.4	10/09	35	1.0	13.8	1.5
Public Variety	Musen	63.9	17	63.0	10/16	39	2.3	14.8	1.5
Meherrin	SH 6515 LL	.	1	76.6	10/02	39	1.0	15.6	1.7
Bayer	CZ 6515 LL	.	3	75.4	10/11	37	1.3	14.2	1.5
Meherrin	SH 6815 LL	.	4	75.3	10/14	37	2.3	15.8	1.5
AGSouth	AGS 674 LL	.	5	73.3	10/11	37	2.7	15.2	1.5
Bayer	CZ 6316 LL	.	6	71.5	10/12	35	1.7	14.3	1.5
Croplan Genetics	5R2T65	.	7	71.1	09/12	35	1.0	15.8	1.5
Bayer	CZ 6060 RY	.	8	69.6	09/24	34	1.3	15.7	1.7
SS	LL 6314S	.	9	69.1	10/15	46	1.3	15.5	1.5
Bayer	CZ 6109 LL	.	10	68.4	10/03	33	1.0	17.3	1.5
Dyna-Gro	S67RY25	.	12	66.1	10/09	33	1.0	14.0	1.5
Meherrin	SH 6215 LL	.	13	65.6	10/15	45	2.3	15.4	1.7
Croplan Genetics	R2C6192	.	14	65.3	10/13	34	1.3	14.2	1.8
Asgrow	AG6536 GENRR2Y	.	15 ^T	64.5	10/09	39	1.0	14.5	1.5
USG	76S73R	.	15 ^T	64.5	10/10	35	1.3	13.8	1.5
Pioneer	P67T25R2	.	15 ^T	64.5	10/09	44	1.0	15.5	1.5
SS	SS 6315 R2	.	19	52.8	09/25	35	1.0	12.2	1.7
USG	76J45R	.	20	51.7	09/28	37	1.3	12.6	1.7
TA Seeds	TS6569R2	.	21	42.2	09/27	37	1.0	10.8	1.7
Average		70.7		66.1 ⁵	10/06	37	1.4	14.5	1.6
LSD at 10% Level		N.S. ⁶		7.0	1	3	0.6	0.9	N.S.
Std. Err. of Entry Mean		2.5		2.9	1	1	0.3	0.4	0.1
<u>Maturity Group VII and VIII</u>									
UGA	G11PR-209R2	79.4	9	78.6	10/15	38	2.0	.	.
Bayer	CZ 7070 RY	78.9	6	79.2	10/15	36	2.3	.	.
AGSouth	AGS 738 RR	78.3	3	79.9	10/11	33	1.7	.	.
Dyna-Gro	S77RY85	78.0	2	80.4	10/19	37	1.3	.	.
USG	77S40R	76.9	4 ^T	79.6	10/17	37	1.7	.	.
NK	S74-M3	76.3	4 ^T	79.6	10/16	37	1.7	.	.
Asgrow	AG7535 GENRR2Y	76.3	5 ^T	79.5	10/18	38	2.0	.	.
UGA	G11PR-56238R2	75.6	13 ^T	74.8	10/15	38	2.0	.	.
AGSouth	AGS 828 RR	74.3	26	70.8	10/17	41	3.0	.	.
UGA	G10PR-56444R2	73.4	24	71.8	10/19	36	3.0	.	.
AGSouth	AGS Woodruff	71.5	10	78.5	10/17	36	2.0	.	.
SC	SC07-1490RR	71.5	13 ^T	74.8	10/20	45	2.3	.	.
UGA	G11PR-56151R2	71.2	21 ^T	72.4	10/18	40	2.3	.	.
SC	SC07-108RR	70.5	32 ^T	66.0	10/22	39	2.3	.	.
Public Variety	Santee	70.4	21 ^T	72.4	10/16	41	2.7	.	.

Tifton, Georgia:
Soybean Variety Performance, 2015, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 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 VII and VIII - continued</u>									
SC	SC07-1518RR	69.5	15 ^T	74.4	10/22	43	2.0	.	.
AGSouth	AGS 807	67.7	5 ^T	79.5	10/17	41	3.0	.	.
UGA	G11PR-407R2	66.8	29	68.6	10/17	41	3.3	.	.
AGSouth	AGS 757 RR	66.6	36	60.4	10/15	38	2.0	.	.
Public Variety	Cook	66.4	20	72.8	10/18	38	3.3	.	.
Terral-REV®	73A74™	65.2	31 ^T	66.1	10/14	37	3.3	.	.
Bayer	HBK RY7523	63.1	28	69.1	10/16	36	2.3	.	.
USG	78S04R	62.4	32 ^T	66.0	10/21	44	1.0	.	.
Dyna-Gro	S74RY15	62.3	31 ^T	66.1	10/15	35	1.7	.	.
SC	SC06-301RR	61.7	39	57.1	10/15	37	2.7	.	.
UGA	G13LL-7	.	1	85.3	10/15	35	2.3	.	.
NK	S73-S8	.	7	79.1	10/18	41	1.7	.	.
SS	SS 7215NS R2	.	8	78.7	10/17	38	2.7	.	.
UGA	G00-3880	.	11	76.9	10/17	38	2.7	.	.
Dyna-Gro	S72RS36	.	12	76.5	10/16	39	2.3	.	.
UGA	G13LL-5	.	14	74.6	10/14	37	2.3	.	.
UGA	G00-3213	.	15 ^T	74.4	10/15	39	2.0	.	.
TA Seeds	TS6569R2	.	16	74.2	10/22	44	1.7	.	.
UGA	G13LL-56	.	17	74.1	10/10	39	2.0	.	.
USG	77J25RS	.	18	73.6	10/13	37	2.7	.	.
UGA	G13LL-44	.	19	73.4	10/11	38	2.0	.	.
Public Variety	Maxcy	.	22	72.3	10/21	41	2.3	.	.
Croplan Genetics	R2C7622	.	23	72.2	10/20	37	2.7	.	.
Public Variety	Cheraw	.	25	71.5	10/18	41	1.7	.	.
Pioneer	P76T54R2	.	27	69.8	10/18	38	1.7	.	.
Public Variety	Paul	.	30	67.7	10/20	37	2.3	.	.
Bayer	CZ 7007 LL	.	33	64.4	10/15	36	3.0	.	.
SC	SC06-291RR	.	34	61.3	10/24	39	3.3	.	.
Bayer	CZ 7132 LL	.	35	60.8	10/14	53	4.7	.	.
SC	SC09-092RR	.	37	60.3	10/23	39	2.7	.	.
Meherrin	SH 7116 LL	.	38	57.8	10/09	36	1.7	.	.
Average		71.0		72.1 ⁷	10/16	39	2.3	.	.
LSD at 10% Level		6.1		7.8	.	3	0.8	.	.
Std. Err. of Entry Mean		2.5		3.3	.	1	0.3	.	.

Tifton, Georgia: Soybean Variety Performance, 2015, 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. CV = 4.9% and df for EMS = 80.
5. CV = 7.7% and df for EMS = 44.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
7. CV = 8.0% and df for EMS = 90.

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 20, 2015.

Harvested: Maturity Group V and VI - October 20, 2015.
Maturity Group VII and VIII - November 6, 2015.

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

Soil Type: Tifton loamy sand.

Soil Test: P = Very High, K = Medium, and pH = 5.9.

Fertilization: 11 lb N, 70 lb P₂O₅, and 120 lb K₂O/acre.

Previous Crop: Corn.

Management: Disked, subsoiled/bedded, and rototilled; Prowl, Dual Magnum, Select, Basagran, Classic, Ultra Blazer, and Reflex used for insect control; Blackhawk, Bifenthrin, and Belt used for insect control; Telone II used for nematode control; Domark used for fungal control; irrigated 10 inches.

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

Plains, Georgia: Soybean Variety Performance, 2015, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
Maturity Group V									
Dyna-Gro	39RY57	68.8	2	78.5	10/05	32	2.0	.	.
Dyna-Gro	S56RY84	68.0	3	78.3	10/07	33	1.3	.	.
SS	5513N R2	67.6	10	75.5	10/05	35	1.3	.	.
AR	UA 5213C	66.5	5	78.0	10/03	30	2.0	.	.
NK	S52-Y2 Brand	65.0	6	77.5	10/02	37	1.7	.	.
Terral-REV®	56R63™	64.6	8	76.7	10/07	41	3.3	.	.
SS	5711N R2	64.4	31	66.1	10/07	32	2.0	.	.
AR	UA 5612	63.8	26 ^T	68.3	10/07	33	2.3	.	.
AGSouth	AGS 568RR	63.4	14	74.6	10/04	30	1.3	.	.
AGSouth	AGS 533 LL	62.9	17	72.0	09/30	42	3.3	.	.
Terral-REV®	55R53™	62.1	16	72.5	10/05	31	1.3	.	.
SS	SS 5511N R2	62.0	25	68.7	10/05	31	1.7	.	.
Bayer	HBK LL4950	61.6	34	63.8	10/03	41	2.3	.	.
Pioneer	P54T94R	60.6	22	69.8	10/03	26	1.0	.	.
Public Variety	Osage	59.3	32 ^T	65.6	10/01	25	1.0	.	.
Terral-REV®	57R21™	59.0	18	71.4	10/05	43	3.0	.	.
Bayer	HBK RY5221	49.5	37	60.8	10/04	42	3.0	.	.
Croplan Genetics	R2C5673	.	1	81.9	10/06	33	1.7	.	.
NK	S58-Z4	.	4 ^T	78.1	10/11	30	1.0	.	.
Pioneer	P56T12SR	.	4 ^T	78.1	10/05	31	1.7	.	.
AR	UA 5814HP	.	7	77.2	10/10	34	2.0	.	.
AGSouth	AGS 5911LL	.	9	76.2	10/06	34	1.3	.	.
University of MO	S11-16653	.	11	75.4	10/02	29	2.0	.	.
SS	LL 5914NS	.	12	74.9	10/08	33	2.0	.	.
SS	SS 5615N R2	.	13	74.7	10/03	34	1.0	.	.
University of MO	S11-20124	.	15	74.2	10/04	33	2.7	.	.
NK	S53-A1	.	19	71.1	09/29	31	1.0	.	.
Bayer	CZ 5727 LL	.	20	70.4	10/09	33	1.0	.	.
USDA-ARS	JTN-5110	.	21	70.2	10/03	31	1.0	.	.
Croplan Genetics	5R2C56	.	23	69.2	10/04	29	1.0	.	.
Pioneer	P52T50R	.	24	69.0	09/27	29	1.0	.	.
USG	75J90R	.	26 ^T	68.3	10/06	30	2.0	.	.
Bayer	CZ 5515 LL	.	27	68.0	10/07	47	3.7	.	.
Bayer	CZ 4959 RY	.	28	67.9	10/02	37	1.3	.	.
University of MO	S11-17025	.	29	67.6	10/05	26	2.0	.	.
University of MO	S11-20195	.	30	67.4	10/02	33	2.0	.	.
AR	R09-430	.	32 ^T	65.6	10/02	24	1.0	.	.
AR	R10-197RY	.	33	64.1	10/03	30	1.3	.	.
Bayer	CZ 5947 LL	.	35	63.5	10/11	31	1.0	.	.
University of MO	S11-20337	.	36	61.4	09/28	29	1.3	.	.
AR	UA 5414RR	.	38	57.2	10/06	30	1.7	.	.
Average		62.9		71.0 ⁴	10/04	33	1.7	.	.
LSD at 10% Level		N.S. ⁵		7.4	.	3	0.5	.	.
Std. Err. of Entry Mean		1.8		3.2	.	1	0.2	.	.

**Plains, Georgia:
Soybean Variety Performance, 2015, Irrigated (Continued)**

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 Data					Wt of 100 Seed gm	Seed Quality ³ rating
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating		
<u>Maturity Group VI</u>									
Croplan Genetics	R2C6764	76.1	5	84.3	10/15	33	1.0	.	.
SS	SS 6810N R2	75.8	9	80.8	10/19	40	2.0	.	.
Dyna-Gro	S65RY73	75.7	8	80.9	10/15	33	1.7	.	.
NK	S67-R6 Brand	74.1	7	81.2	10/13	39	1.7	.	.
Public Variety	Musen	70.5	12	78.6	10/18	44	3.7	.	.
USG	76S73R	.	1	85.6	10/16	32	1.0	.	.
USG	76J45R	.	2	85.1	10/12	37	2.0	.	.
Pioneer	P67T25R2	.	3	84.7	10/18	38	2.0	.	.
Bayer	CZ 6060 RY	.	4	84.4	10/09	29	1.0	.	.
Asgrow	AG6536 GENRR2Y	.	6	81.8	10/16	38	1.7	.	.
Dyna-Gro	S67RY25	.	10	80.5	10/16	33	1.3	.	.
TA Seeds	TS6569R2	.	11	79.3	10/13	35	2.3	.	.
Meherrin	SH 6215 LL	.	13	78.4	10/21	41	2.0	.	.
Croplan Genetics	5R2T65	.	14	76.6	10/05	35	1.7	.	.
SS	SS 6315 R2	.	15	76.4	10/12	38	2.3	.	.
Meherrin	SH 6515 LL	.	16	76.3	10/12	31	1.3	.	.
Bayer	CZ 6316 LL	.	17	76.2	10/16	33	1.0	.	.
Bayer	CZ 6109 LL	.	18	75.6	10/11	33	1.3	.	.
SS	LL 6314S	.	19	75.2	10/21	41	2.3	.	.
Meherrin	SH 6815 LL	.	20	74.6	10/18	35	3.0	.	.
Bayer	CZ 6515 LL	.	21	71.4	10/21	35	1.0	.	.
AGSouth	AGS 674 LL	.	22	71.0	10/16	33	4.0	.	.
Croplan Genetics	R2C6192	.	23	68.6	10/16	31	1.0	.	.
Average		74.4		78.6 ⁶	10/15	35	1.8	.	.
LSD at 10% Level		N.S.		5.7	1	3	0.5	.	.
Std. Err. of Entry Mean		1.5		2.4	1	1	0.2	.	.
<u>Maturity Groups VII and VIII</u>									
Bayer	CZ 7070 RY	82.4	4	86.3	10/19	37	1.7	.	.
NK	S74-M3	80.5	2	88.0	10/18	36	1.3	.	.
AGSouth	AGS 738 RR	80.5	11	84.2	10/15	35	2.3	.	.
Asgrow	AG7535 GENRR2Y	80.3	3	87.6	10/19	39	2.0	.	.
UGA	G10PR-56444R2	80.3	6	85.6	10/19	39	2.7	.	.
UGA	G11PR-209R2	80.3	23	80.4	10/18	41	3.0	.	.
UGA	G11PR-56238R2	79.9	13	83.4	10/19	40	2.3	.	.
USG	77S40R	79.3	10	84.3	10/20	36	1.3	.	.
AGSouth	AGS 828 RR	78.8	24	79.9	10/20	39	2.7	.	.
Dyna-Gro	S77RY85	78.0	22 ^T	80.5	10/24	37	1.0	.	.

**Plains, Georgia:
Soybean Variety Performance, 2015, Irrigated (Continued)**

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
Maturity Groups VII and VIII - continued									
SC	SC07-108RR	77.3	25	79.6	10/26	41	1.7	.	.
AGSouth	AGS 757 RR	75.9	27	79.0	10/19	38	2.0	.	.
UGA	G11PR-56151R2	74.4	29	78.7	10/21	42	2.0	.	.
Public Variety	Santee	73.7	26	79.1	10/17	41	3.3	.	.
AGSouth	AGS Woodruff	72.5	21	80.6	10/25	38	2.3	.	.
SC	SC07-1490RR	72.3	34	76.4	10/22	48	1.3	.	.
Dyna-Gro	S74RY15	71.6	9	84.8	10/18	34	1.3	.	.
SC	SC06-301RR	71.0	36	75.8	10/20	41	2.0	.	.
SC	SC07-1518RR	70.7	33	76.7	10/25	44	1.3	.	.
UGA	G11PR-407R2	70.3	37 ^T	75.5	10/22	41	2.3	.	.
Terral-REV®	73A74™	69.6	38	75.0	10/16	39	3.7	.	.
AGSouth	AGS 807	68.4	19	80.9	10/20	41	3.0	.	.
Bayer	HBK RY7523	67.9	28	78.8	10/18	35	1.3	.	.
Public Variety	Cook	66.4	41	72.9	10/20	42	3.3	.	.
USG	78S04R	66.3	39	73.8	10/27	48	1.7	.	.
Pioneer	P76T54R2	.	1	89.4	10/21	43	1.0	.	.
UGA	G13LL-7	.	5	85.8	10/19	37	3.0	.	.
UGA	G13LL-44	.	7	85.0	10/20	38	1.3	.	.
Public Variety	Paul	.	8 ^T	84.9	10/25	37	1.3	.	.
Croplan Genetics	R2C7622	.	8 ^T	84.9	10/21	41	1.7	.	.
NK	S73-S8	.	12	83.8	10/18	43	1.3	.	.
Dyna-Gro	S72RS36	.	14	82.8	10/20	35	1.3	.	.
SS	SS 7215NS R2	.	15	82.0	10/17	41	2.3	.	.
USG	77J25RS	.	16	81.9	10/19	37	2.0	.	.
UGA	G00-3880	.	17	81.5	10/22	40	2.0	.	.
UGA	G13LL-56	.	18	81.3	10/18	37	2.0	.	.
UGA	G13LL-5	.	20	80.7	10/18	35	2.7	.	.
UGA	G00-3213	.	22 ^T	80.5	10/20	39	2.0	.	.
Public Variety	Cheraw	.	30	78.3	10/23	39	1.0	.	.
Public Variety	Maxcy	.	31	78.0	10/21	41	2.3	.	.
Bayer	CZ 7007 LL	.	32	77.1	10/18	36	2.7	.	.
TA Seeds	TS6569R2	.	35	76.0	10/27	49	1.7	.	.
Meherrin	SH 7116 LL	.	37 ^T	75.5	10/14	35	1.3	.	.
Bayer	CZ 7132 LL	.	40	73.5	10/11	52	3.3	.	.
SC	SC06-291RR	.	42	71.4	10/26	46	3.7	.	.
SC	SC09-092RR	.	43	70.8	10/27	46	2.0	.	.
Average		74.8		80.3 ⁷	10/20	40	2.1	.	.
LSD at 10% Level		6.1		6.8	.	3	1.0	.	.
Std. Err. of Entry Mean		2.3		2.9	.	1	0.4	.	.

Plains, Georgia: Soybean Variety Performance, 2015, 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. CV = 7.7% and df for EMS = 80.
5. The F-test indicated no statistical differences at the $\alpha = 0.10$ probability level; therefore, an LSD value was not calculated.
6. CV = 5.3% and df for EMS = 44.
7. CV = 6.3% and df for EMS = 90.

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 3, 2015.

Harvested: Maturity Groups V and VI - October 29, 2015.
Maturity Groups VII & VIII - October 30, 2015.

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

Soil Type: Tifton sandy loam.

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

Fertilization: 0 lb N, 50 lb P_2O_5 , and 60 lb K_2O /acre.

Previous Crop: Cotton.

Management: Disked twice, subsoiled, and rototilled; Prowl, Reflex, and Blazer used for weed control; Indigo and Belt used for insect control; Domark used for fungal control; irrigated 5 inches.

Test conducted by D. Dunn, D. Pearce, W. Jones, R. Brooke, B. McCranie, and G. South.

Plains, Georgia: Late-Planted Soybean Variety Performance, 2015, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
Maturity Groups VII and VIII									
UGA	G10PR-56444R2	73.3	2	78.0	10/22	39	3.0	.	.
Asgrow	AG7535 GENRR2Y	72.8	1	79.7	10/22	36	1.0	.	.
UGA	G11PR-56238R2	70.6	3	77.7	10/25	39	1.3	.	.
SC	SC07-108RR	69.8	7	75.3	10/31	44	2.0	.	.
Dyna-Gro	S77RY85	69.3	27 ^T	68.4	10/26	41	1.0	.	.
Bayer	CZ 7070 RY	68.1	5	76.2	10/25	39	1.7	.	.
USG	78S04R	67.8	20 ^T	70.3	10/30	43	1.3	.	.
AGSouth	AGS 807	67.5	21 ^T	70.0	10/23	37	1.3	.	.
NK	S74-M3	67.2	8	74.1	10/24	39	1.7	.	.
UGA	G11PR-209R2	67.2	28	68.0	10/23	38	1.7	.	.
AGSouth	AGS 738 RR	67.1	9	74.0	10/18	35	1.0	.	.
USG	77S40R	67.0	11 ^T	73.5	10/23	37	1.3	.	.
UGA	G11PR-56151R2	66.9	4	76.4	10/25	43	2.0	.	.
Dyna-Gro	S74RY15	66.8	14	73.0	10/22	35	1.0	.	.
UGA	G11PR-407R2	66.0	22	69.9	10/26	43	3.7	.	.
Public Variety	Santee	65.5	25 ^T	68.6	10/21	45	2.7	.	.
SC	SC06-301RR	64.5	16	71.9	10/31	42	2.0	.	.
AGSouth	AGS 828 RR	64.4	21 ^T	70.0	10/25	39	2.3	.	.
Bayer	HBK RY7523	64.2	15	72.6	10/24	37	1.0	.	.
AGSouth	AGS Woodruff	63.0	11 ^T	73.5	10/25	41	2.0	.	.
AGSouth	AGS 757 RR	62.6	32	66.5	10/24	40	2.7	.	.
SC	SC07-1490RR	61.4	31	66.6	10/28	47	1.3	.	.
SC	SC07-1518RR	58.0	37	61.6	11/01	41	1.7	.	.
Terral-REV®	73A74™	54.3	41	53.9	10/20	38	4.0	.	.
Public Variety	Cook	52.4	40	60.1	10/24	43	2.3	.	.
USG	77J25RS	.	6	76.1	10/23	38	1.3	.	.
NK	S73-S8	.	10	73.8	10/24	41	1.0	.	.
Croplan Genetics	R2C7622	.	12	73.3	10/26	41	2.0	.	.
Public Variety	Paul	.	13	73.1	10/25	39	1.7	.	.
UGA	G00-3213	.	17	71.7	10/24	41	1.7	.	.
Dyna-Gro	S72RS36	.	18	71.6	10/25	39	1.3	.	.
UGA	G13LL-5	.	19	71.5	10/20	39	1.7	.	.
UGA	G13LL-44	.	20 ^T	70.3	10/23	39	1.0	.	.
SS	SS 7215NS R2	.	23	69.5	10/24	41	1.7	.	.
UGA	G00-3880	.	24	68.7	10/24	43	1.3	.	.
UGA	G13LL-56	.	25 ^T	68.6	10/23	41	2.3	.	.
Croplan Genetics	5R2C72S	.	26	68.5	10/19	35	2.0	.	.
TA Seeds	TS6569R2	.	27 ^T	68.4	10/29	45	1.7	.	.
SC	SC06-291RR	.	29	67.6	11/01	44	3.0	.	.
Bayer	CZ 7007 LL	.	30	67.2	10/21	37	2.0	.	.

**Plains, Georgia:
Late-Planted Soybean Variety Performance, 2015, Irrigated
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
Maturity Groups VII and VIII - continued									
Public Variety	Maxcy	.	33	66.4	10/25	42	2.3	.	.
UGA	G13LL-7	.	34	66.3	10/22	37	2.0	.	.
Pioneer	P76T54R2	.	35	65.4	10/24	42	1.3	.	.
Public Variety	Cheraw	.	36	64.4	10/25	39	1.3	.	.
Bayer	CZ 7132 LL	.	38 ^T	60.5	10/17	49	3.0	.	.
Meherrin	SH 7116 LL	.	38 ^T	60.5	10/20	35	2.7	.	.
SC	SC09-092RR	.	39	60.4	10/30	44	2.3	.	.
Average		65.5		69.7 ⁴	10/24	40	1.9	.	.
LSD at 10% Level		6.1		6.7	.	2	0.9	.	.
Std. Err. of Entry Mean		2.8		2.8	.	1	0.4	.	.

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 = 7.1% 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: June 22, 2015.
 Harvested: November 17, 2015.
 Seeding Rate: Eight seeds per foot in 30" rows.
 Soil Type: Tifton sandy loam.
 Soil Test: P = High, K = Very High, and pH = 6.3.
 Fertilization: 0 lb N, 50 lb P₂O₅, and 60 lb K₂O/acre.
 Previous Crop: Cotton.
 Management: Disked twice, subsoiled, and rototilled; Prowl, Reflex, and Blazer used for weed control; Indigo and Belt used for insect control; Domark used for fungal control; irrigated 5 inches.

Test conducted by D. Dunn, D. Pearce, W. Jones, R. Brooke, B. McCranie, and G. South.

Midville, Georgia: Soybean Variety Performance, 2015, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 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>									
Pioneer	P54T94R	74.9	2	80.6	10/03	33	1.0	.	.
NK	S52-Y2 Brand	73.4	4	76.9	09/28	43	1.7	.	.
Dyna-Gro	39RY57	72.4	5	76.3	10/04	39	1.3	.	.
SS	5711N R2	72.0	7 ^T	76.0	10/04	40	1.7	.	.
SS	5513N R2	69.3	14	73.5	10/05	42	2.0	.	.
Terral-REV®	55R53™	69.2	6	76.2	10/05	36	1.0	.	.
SS	SS 5511N R2	69.1	12	74.5	10/04	41	2.0	.	.
AGSouth	AGS 568RR	68.6	8	75.8	10/03	39	1.7	.	.
Public Variety	Osage	67.9	23	69.8	10/02	31	1.3	.	.
Dyna-Gro	S56RY84	67.8	20 ^T	70.8	10/05	42	2.0	.	.
AGSouth	AGS 533 LL	67.5	27 ^T	68.2	09/28	48	3.0	.	.
Bayer	HBK LL4950	65.2	32	65.2	09/26	46	2.3	.	.
Terral-REV®	57R21™	64.2	25 ^T	69.2	10/04	49	2.7	.	.
AR	UA 5612	63.5	28	68.1	10/06	41	2.3	.	.
AR	UA 5213C	63.4	16	72.4	10/04	34	1.7	.	.
Terral-REV®	56R63™	61.7	29 ^T	67.7	10/07	47	3.0	.	.
Bayer	HBK RY5221	61.2	31	66.8	09/28	48	3.7	.	.
NK	S58-Z4	.	1	82.2	10/12	41	1.7	.	.
AR	R09-430	.	3	80.2	10/03	33	1.0	.	.
Pioneer	P56T12SR	.	7 ^T	76.0	10/03	39	1.7	.	.
USG	75J90R	.	9	75.3	10/01	41	1.7	.	.
SS	SS 5615N R2	.	10	74.8	10/02	39	1.0	.	.
Pioneer	P52T50R	.	11 ^T	74.6	10/02	34	1.0	.	.
Croplan Genetics	5R2C56	.	11 ^T	74.6	10/03	37	1.0	.	.
Croplan Genetics	R2C5673	.	13	74.4	10/03	41	1.3	.	.
Bayer	CZ 5947 LL	.	15	72.9	10/18	42	2.0	.	.
University of MO	S11-20124	.	17	72.3	10/03	42	3.0	.	.
AR	UA 5814HP	.	18	71.8	10/08	40	1.7	.	.
University of MO	S11-17025	.	19 ^T	71.3	10/01	35	2.0	.	.
Bayer	CZ 5727 LL	.	19 ^T	71.3	10/08	40	1.7	.	.
AR	R10-197RY	.	20 ^T	70.8	10/07	41	1.3	.	.
USDA-ARS	JTN-5110	.	21	70.5	10/03	36	1.0	.	.
University of MO	S11-20195	.	22	70.4	09/28	40	3.0	.	.
AGSouth	AGS 5911LL	.	24	69.5	10/05	39	1.0	.	.
Bayer	CZ 4959 RY	.	25 ^T	69.2	09/26	40	1.3	.	.
University of MO	S11-16653	.	26	68.4	09/27	38	2.3	.	.
University of MO	S11-20337	.	27 ^T	68.2	09/28	39	2.3	.	.
AR	UA 5414RR	.	29 ^T	67.7	10/05	39	3.0	.	.
SS	LL 5914NS	.	29 ^T	67.7	10/05	41	2.0	.	.
Bayer	CZ 5515 LL	.	30	67.4	10/07	52	3.7	.	.
NK	S53-A1	.	33	64.9	09/29	36	1.7	.	.
Average		67.7		72.1 ⁴	10/03	40	1.9	.	.
LSD at 10% Level		5.7		5.0	.	3	0.7	.	.
Std. Err. of Entry Mean		1.8		2.1	.	1	0.3	.	.

Midville, Georgia: Soybean Variety Performance, 2015, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
Maturity Group VI									
NK	S67-R6 Brand	68.5	11	69.8	10/10	44	1.3	.	.
Dyna-Gro	S65RY73	64.9	4	72.7	10/16	37	1.3	.	.
SS	SS 6810N R2	64.6	15	65.8	10/20	44	1.7	.	.
Croplan Genetics	R2C6764	64.0	10	70.0	10/18	38	1.0	.	.
Public Variety	Musen	55.3	23	61.5	10/19	47	2.7	.	.
Bayer	CZ 6109 LL	.	1	77.4	10/13	41	1.0	.	.
Bayer	CZ 6060 RY	.	2	73.9	10/07	36	1.0	.	.
Meherrin	SH 6515 LL	.	3	73.7	10/14	38	1.0	.	.
Croplan Genetics	5R2T65	.	5	72.1	10/03	39	1.7	.	.
Pioneer	P67T25R2	.	6	71.8	10/19	45	1.0	.	.
TA Seeds	TS6569R2	.	7	70.9	10/11	40	1.3	.	.
SS	LL 6314S	.	8 ^T	70.5	10/21	47	1.0	.	.
Dyna-Gro	S67RY25	.	8 ^T	70.5	10/18	37	1.0	.	.
SS	SS 6315 R2	.	9	70.4	10/11	40	1.3	.	.
Bayer	CZ 6316 LL	.	12	69.6	10/16	40	1.0	.	.
Asgrow	AG6536 GENRR2Y	.	13	67.5	10/20	42	1.0	.	.
USG	76J45R	.	14	65.9	10/11	39	1.3	.	.
USG	76S73R	.	16	65.5	10/15	37	1.0	.	.
Croplan Genetics	R2C6192	.	17	64.5	10/19	35	1.0	.	.
AGSouth	AGS 674 LL	.	18	63.9	10/19	50	2.7	.	.
Bayer	CZ 6515 LL	.	19	63.7	10/22	39	1.7	.	.
Meherrin	SH 6215 LL	.	20 ^T	62.4	10/22	47	1.7	.	.
Meherrin	SH 6815 LL	.	20 ^T	62.4	10/19	49	3.0	.	.
Average		63.5		68.5 ⁵	10/15	41	1.4	.	.
LSD at 10% Level		N.S. ⁶		5.6	1	4	0.5	.	.
Std. Err. of Entry Mean		1.5		2.3	1	2	0.2	.	.
Maturity Groups VII and VIII									
Asgrow	AG7535 GENRR2Y	72.1	5	68.0	10/20	41	1.7	.	.
NK	S74-M3	68.6	2	70.3	10/20	42	2.3	.	.
USG	77S40R	68.2	1	70.7	10/21	41	1.0	.	.
UGA	G11PR-56151R2	64.9	6	67.5	10/23	45	1.7	.	.
SC	SC07-1518RR	64.0	9 ^T	64.8	10/25	51	1.3	.	.
UGA	G11PR-56238R2	63.7	12 ^T	64.3	10/20	41	1.7	.	.
AGSouth	AGS 738 RR	63.4	8	65.0	10/15	38	2.0	.	.
Bayer	CZ 7070 RY	63.0	9 ^T	64.8	10/22	45	1.3	.	.
UGA	G10PR-56444R2	62.9	14	63.4	10/19	44	3.3	.	.
Dyna-Gro	S77RY85	61.7	13	63.7	10/21	41	1.0	.	.
Bayer	HBK RY7523	61.5	18	62.1	10/21	39	1.0	.	.
AGSouth	AGS Woodruff	61.0	11	64.6	10/22	45	2.7	.	.
Terral-REV®	73A74™	60.3	10	64.7	10/19	47	4.3	.	.
UGA	G11PR-209R2	60.1	12 ^T	64.3	10/21	43	2.0	.	.
SC	SC07-1490RR	59.9	22	60.2	10/26	49	1.3	.	.

**Midville, Georgia:
Soybean Variety Performance, 2015, Irrigated (Continued)**

Company or Brand Name	Variety	2-Year Average Yield	2015 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodging ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
Maturity Groups VII and VIII - continued									
Dyna-Gro	S74RY15	59.1	20	60.9	10/20	39	1.0	.	.
UGA	G11PR-407R2	58.2	21 ^T	60.8	10/28	46	2.0	.	.
Public Variety	Santee	58.2	25	59.0	10/21	49	2.7	.	.
Public Variety	Cook	58.1	27	58.1	10/21	44	3.3	.	.
AGSouth	AGS 757 RR	57.8	31	56.0	10/20	44	4.0	.	.
AGSouth	AGS 807	57.6	33	53.9	10/21	43	3.7	.	.
USG	78S04R	56.9	30	56.9	10/25	48	1.7	.	.
AGSouth	AGS 828 RR	55.2	35	51.4	10/23	39	3.3	.	.
SC	SC07-108RR	54.9	38	49.8	10/25	41	2.3	.	.
SC	SC06-301RR	51.5	34	52.7	10/24	39	2.7	.	.
Pioneer	P76T54R2	.	3 ^T	69.0	10/23	45	1.7	.	.
USG	77J25RS	.	3 ^T	69.0	10/19	40	1.3	.	.
UGA	G13LL-56	.	4	68.2	10/20	43	1.7	.	.
UGA	G13LL-44	.	7	67.0	10/20	44	1.7	.	.
Dyna-Gro	S72RS36	.	12 ^T	64.3	10/20	41	2.0	.	.
UGA	G00-3213	.	15	63.1	10/23	42	3.0	.	.
UGA	G13LL-5	.	16	62.6	10/19	43	2.3	.	.
UGA	G13LL-7	.	17	62.5	10/17	43	2.0	.	.
UGA	G00-3880	.	19	61.5	10/20	45	1.7	.	.
Public Variety	Cheraw	.	21 ^T	60.8	10/21	47	1.0	.	.
SS	SS 7215NS R2	.	23	59.8	10/18	42	1.7	.	.
TA Seeds	TS6569R2	.	24	59.6	10/27	49	2.3	.	.
SC	SC09-092RR	.	26 ^T	58.6	10/27	46	1.7	.	.
Bayer	CZ 7007 LL	.	26 ^T	58.6	10/22	43	1.7	.	.
NK	S73-S8	.	28	57.9	10/22	45	1.3	.	.
Croplan Genetics	R2C7622	.	29	57.1	10/22	43	2.0	.	.
Public Variety	Maxcy	.	32	54.7	10/25	43	2.3	.	.
Public Variety	Paul	.	36	50.7	10/24	41	3.0	.	.
SC	SC06-291RR	.	37	50.5	10/27	44	3.0	.	.
Meherrin	SH 7116 LL	.	39	48.5	10/13	38	2.0	.	.
Bayer	CZ 7132 LL	.	40	47.6	10/19	61	4.0	.	.
Average		60.9		60.6 ⁷	10/21	44	2.1	.	.
LSD at 10% Level		6.1		6.1	.	3	0.8	.	.
Std. Err. of Entry Mean		1.8		2.6	.	1	0.3	.	.

Midville, Georgia: Soybean Variety Performance, 2015, 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. CV = 5.1% and df for EMS = 80.
5. CV = 5.9% and df for EMS = 44.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
7. CV = 7.4% and df for EMS = 90.

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, 2015.

Harvested: Maturity Group V and VI - October 21, 2015.
Maturity Group VII & VIII - November 16, 2015.

Seeding Rate: Nine seeds per foot in 36" rows.

Soil Type: Dothan loamy sand.

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

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

Previous Crop: Cotton.

Management: Disked, field conditioned, and subsoiled/bedded; Pendimethalin, Reflex, and Dual used for weed control; Toombstone, Bifenthrin, Dimilin, Tracer, Radiant, and Doubletake used for insect control; Priaxor used for fungal control; Telone II used for nematode control; irrigated 12 inches.

Test conducted by D. Dunn, R. Brooke, B. McCranie, and G. South.

Griffin, Georgia: Soybean Variety Performance, 2015, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 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>										
AGSouth	AGS 533 LL	75.0	1	88.8	10/07	46	1.8	15.2	2.3	1.0
Public Variety	Osage	74.7	2	86.6	10/06	31	1.3	13.6	2.0	1.0
SS	SS 5511N R2	71.4	5	79.8	10/10	32	1.7	19.3	1.5	1.0
Bayer	HBK RY5221	70.1	4	80.4	10/05	45	3.0	18.5	2.7	1.0
AR	UA 5213C	69.1	12 ^T	72.7	10/08	35	1.7	13.8	1.8	1.0
SS	5711N R2	68.9	14	72.3	10/08	34	1.3	16.9	1.5	1.0
Bayer	HBK LL4950	66.6	19	70.0	10/03	44	1.7	15.0	2.0	1.0
Terral-REV®	55R53™	66.3	10	74.9	10/05	33	1.7	15.7	1.5	1.0
Dyna-Gro	S56RY84	66.0	13	72.4	10/03	38	2.3	14.8	1.5	1.0
Terral-REV®	57R21™	65.3	31 ^T	62.9	10/01	41	2.3	14.6	1.5	1.0
Dyna-Gro	39RY57	64.7	18	70.6	10/06	32	1.3	15.5	1.5	1.0
NK	S52-Y2 Brand	64.3	22	68.4	10/07	41	2.0	14.3	2.8	1.0
AR	UA 5612	63.6	21	68.5	10/03	34	2.3	13.4	1.8	1.0
Pioneer	P54T94R	63.5	15	71.9	10/08	29	1.2	15.1	1.8	1.0
SS	5513N R2	61.3	31 ^T	62.9	10/06	37	2.3	14.6	2.0	1.0
Terral-REV®	56R63™	61.2	20 ^T	69.2	10/07	38	3.0	16.0	1.5	1.0
AGSouth	AGS 568RR	61.1	29	64.4	10/04	37	1.3	15.5	1.5	1.0
University of MO	S11-20124	.	3	82.7	10/04	33	3.0	15.4	1.5	1.0
USG	75J90R	.	6	79.6	10/11	38	1.8	18.8	1.5	1.0
NK	S53-A1	.	7	78.6	10/08	34	1.2	18.0	1.7	1.0
Pioneer	P52T50R	.	8	77.2	10/08	31	1.0	13.7	2.2	1.0
Croplan Genetics	R2C5673	.	9	75.4	10/06	37	2.0	14.9	1.7	1.0
AGSouth	AGS 5911LL	.	11	73.3	10/08	38	2.0	14.7	1.5	1.0
SS	SS 5615N R2	.	12 ^T	72.7	10/01	37	2.3	16.0	1.5	1.0
University of MO	S11-16653	.	16	71.4	10/08	32	1.0	16.7	2.3	1.0
NK	S58-Z4	.	17	71.0	10/12	36	1.3	14.2	1.5	1.0
AR	R09-430	.	20 ^T	69.2	10/08	28	1.0	15.9	2.2	1.0
Pioneer	P56T12SR	.	23	68.1	10/09	35	2.3	15.6	2.5	1.0
Bayer	CZ 5727 LL	.	24	66.9	10/04	34	1.7	16.6	1.5	1.0
SS	LL 5914NS	.	25	66.7	10/06	38	2.0	15.5	1.7	1.0
AR	R10-197RY	.	26	65.8	10/11	37	2.3	15.1	1.7	1.0
University of MO	S11-20337	.	27	64.9	10/07	28	1.3	14.1	3.0	1.0
University of MO	S11-20195	.	28	64.7	10/08	35	3.7	14.1	2.5	1.0
Bayer	CZ 5515 LL	.	30	64.2	10/04	50	3.2	15.7	1.5	1.0
AR	UA 5414RR	.	32	62.7	10/06	31	1.5	13.4	1.7	1.0
Croplan Genetics	5R2C56	.	33	62.3	10/03	33	2.0	14.7	1.5	1.0
USDA-ARS	JTN-5110	.	34	61.0	10/10	34	1.7	16.9	2.2	1.0
Bayer	CZ 4959 RY	.	35	60.4	10/06	37	1.3	17.2	2.5	1.0
AR	UA 5814HP	.	36	59.1	10/08	35	3.7	15.4	1.5	1.0
Bayer	CZ 5947 LL	.	37	54.3	10/11	34	2.7	11.9	1.7	1.0
University of MO	S11-17025	.	38	53.1	10/07	28	3.7	12.6	3.0	1.0
Average		66.6		69.8 ⁵	10/06	36	2.0	15.3	1.9	1.0
LSD at 10% Level		N.S. ⁶		10.1	5	4	0.8	1.2	0.4	.
Std. Err. of Entry Mean		4.1		4.3	2	2	0.3	0.5	0.2	.

Griffin, Georgia:
Soybean Variety Performance, 2015, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2015 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>										
Croplan Genetics	R2C6764	63.8	8	65.3	10/14	36	1.3	13.5	1.5	1.0
Dyna-Gro	S65RY73	62.8	5	66.4	10/15	37	1.0	13.5	1.5	1.0
SS	SS 6810N R2	59.6	13	61.0	10/15	40	1.7	14.5	1.5	1.0
NK	S67-R6 Brand	59.5	10	64.2	10/14	41	3.0	16.3	1.5	1.0
Public Variety	Musen	52.5	23	52.7	10/16	39	2.3	13.9	1.5	1.0
Bayer	CZ 6060 RY	.	1	74.1	10/12	35	1.7	17.9	1.5	1.0
Croplan Genetics	5R2T65	.	2	68.8	10/09	35	1.3	17.1	3.2	1.0
Meherrin	SH 6515 LL	.	3	68.6	10/13	37	1.0	16.6	1.5	1.0
Croplan Genetics	R2C6192	.	4	67.2	10/16	33	1.0	13.6	1.8	1.0
Bayer	CZ 6109 LL	.	6	66.3	10/13	37	1.3	17.4	1.5	1.0
Bayer	CZ 6316 LL	.	7	65.4	10/14	34	1.0	15.0	1.5	1.0
TA Seeds	TS6569R2	.	9	65.2	10/13	39	2.7	14.9	1.7	1.0
Asgrow	AG6536 GENRR2Y	.	11	63.2	10/13	42	1.3	14.9	1.5	1.0
SS	SS 6315 R2	.	12	61.5	10/13	39	2.3	14.7	1.5	1.0
Meherrin	SH 6815 LL	.	14	60.5	10/15	36	2.0	13.9	1.5	1.0
AGSouth	AGS 674 LL	.	15	59.5	10/15	40	2.3	13.4	1.5	1.0
Pioneer	P67T25R2	.	16	58.9	10/15	42	2.0	14.9	1.5	1.0
USG	76J45R	.	17	58.6	10/13	37	2.0	14.6	1.5	1.0
Dyna-Gro	S67RY25	.	18	57.8	10/14	37	1.7	13.3	1.5	1.0
USG	76S73R	.	19	56.3	10/14	36	1.3	13.6	1.5	1.0
Bayer	CZ 6515 LL	.	20	54.9	10/17	41	1.3	11.9	1.5	1.0
SS	LL 6314S	.	21	53.4	10/16	46	1.7	13.8	1.5	1.0
Meherrin	SH 6215 LL	.	22	53.2	10/17	44	1.3	13.8	1.5	1.0
Average		59.6		61.9 ⁷	10/14	38	1.7	14.7	1.6	1.0
LSD at 10% Level		5.4		6.6	1	4	0.7	0.9	0.2	.
Std. Err. of Entry Mean		1.4		2.8	1	2	0.3	0.4	0.1	.

Griffin, Georgia: Soybean Variety Performance, 2015, 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 = 10.7% and df for EMS = 80.
6. The F-test indicated no statistical differences at the $\alpha = 0.10$ probability level; therefore, an LSD value was not calculated.
7. CV = 7.8% and df for EMS = 44.

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, 2015.

Harvested: Maturity Group V - October 21, 2015.
Maturity Group VI - October 30, 2015.

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

Soil Type: Pacolet coarse sandy loam.

Soil Test: P = High, K = Very High, and pH = 6.8.

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

Previous Crop: Fallow.

Management: Chisel plowed, disked, and rototilled; Treflan, Classic, Blazer, and one cultivation used for weed control; Karate used for insect control; irrigated 2.5 inches.

Test conducted by H. Jordan and G. Ware.

Griffin, Georgia: Late-Planted Soybean Variety Performance, 2015, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 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>										
USG	77S40R	68.6	5	64.8	10/31	37	2.0	17.3	3.2	1.0
Asgrow	AG7535 GENRR2Y	68.4	9	62.4	10/31	35	2.0	15.8	2.5	1.3
AGSouth	AGS Woodruff	65.7	7	63.5	11/04	37	2.3	16.4	3.2	1.0
SC	SC07-1518RR	62.8	11 ^T	62.0	11/10	42	2.0	15.9	3.0	1.0
UGA	G11PR-407R2	62.1	10	62.2	11/10	41	3.0	17.9	3.5	1.0
Bayer	CZ 7070 RY	61.9	18 ^T	60.0	10/28	36	3.0	14.7	3.2	1.0
USG	78S04R	61.4	8	62.5	11/08	42	1.7	18.2	3.0	1.3
AGSouth	AGS 757 RR	61.3	11 ^T	62.0	10/31	39	2.0	16.6	3.2	1.7
UGA	G11PR-56151R2	61.2	18 ^T	60.0	11/01	39	2.7	17.0	3.0	1.0
Bayer	HBK RY7523	60.9	17	60.4	10/30	35	1.7	15.7	3.2	1.3
AGSouth	AGS 807	60.9	26	57.0	10/30	39	2.3	15.7	3.0	1.7
Dyna-Gro	S74RY15	60.0	16	60.6	10/29	35	1.0	15.8	3.0	1.3
Dyna-Gro	S77RY85	59.9	21	59.3	10/31	37	1.0	13.9	3.0	1.0
SC	SC07-1490RR	59.8	25	57.5	11/11	45	1.7	16.8	2.7	1.0
NK	S74-M3	58.9	31 ^T	55.7	10/26	36	2.3	14.9	3.2	1.3
AgSouth	AGS 738 RR	58.5	24	57.6	10/26	33	2.7	12.9	2.8	1.0
SC	SC06-301RR	58.3	20	59.4	11/10	39	2.3	14.5	3.2	1.0
Terral-REV®	73A74™	56.7	32	55.4	10/30	37	3.0	14.9	3.0	1.0
UGA	G11PR-209R2	56.0	31 ^T	55.7	10/29	37	1.7	15.1	2.8	1.3
SC	SC07-108RR	55.8	36	52.4	11/05	39	2.0	14.0	3.2	1.3
AGSouth	AGS 828 RR	55.0	37	52.3	11/01	35	2.7	13.5	2.8	1.0
Public Variety	Santee	54.8	39	51.1	10/27	42	2.3	15.3	2.7	1.0
UGA	G11PR-56238R2	54.0	38	51.2	10/29	39	2.7	14.5	3.3	1.7
UGA	G10PR-56444R2	53.7	41	48.3	10/29	39	3.3	15.4	2.8	1.7
Public Variety	Cook	51.7	42	47.2	10/28	38	3.3	15.0	3.0	1.0
Dyna-Gro	S72RS36	.	1	67.4	10/30	34	1.3	17.6	2.8	1.0
USG	77J25RS	.	2	66.6	10/28	34	1.0	16.6	2.5	1.3
SS	SS 7215NS R2	.	3	65.8	10/28	37	1.3	16.2	3.0	1.7
UGA	G13LL-44	.	4	65.2	11/01	38	1.7	18.2	2.7	1.0
UGA	G13LL-56	.	6	64.2	10/31	40	2.7	17.7	2.8	1.0
Public Variety	Cheraw	.	12	61.8	11/04	39	2.3	16.2	3.2	1.0
Croplan Genetics	R2C7622	.	13	61.4	11/04	37	2.3	11.3	3.2	1.3
Meherrin	SH 7116 LL	.	14	61.3	10/23	35	1.7	13.4	2.7	1.3
Pioneer	P76T54R2	.	15	60.8	11/01	41	1.3	13.7	3.2	1.7
UGA	G13LL-5	.	19	59.8	10/26	35	3.0	13.9	2.5	1.0
Public Variety	Maxcy	.	22	58.4	11/02	40	2.3	17.5	3.2	1.0
UGA	G00-3213	.	23	58.0	10/30	38	2.3	16.8	2.8	1.3
NK	S73-S8	.	27	56.5	10/30	41	1.0	13.2	3.2	1.7
UGA	G00-3880	.	28	56.3	10/29	39	3.0	14.7	2.8	1.0
Croplan Genetics	5R2C72S	.	29	55.9	11/02	40	3.0	16.9	3.3	1.0

**Griffin, Georgia:
Late-Planted Soybean Variety Performance, 2015, Irrigated
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 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										
SC	SC09-092RR	.	30	55.8	11/08	40	2.0	17.7	2.8	1.0
UGA	G13LL-7	.	33	54.5	10/26	37	2.7	14.0	2.5	1.3
Bayer	CZ 7132 LL	.	34	54.3	10/26	43	2.3	15.4	2.3	1.0
Bayer	CZ 7007 LL	.	35	54.0	10/30	34	2.0	15.8	2.7	1.0
Public Variety	Paul	.	40 ^T	50.8	10/31	34	1.7	12.8	3.3	1.3
TA Seeds	TS6569R2	.	40 ^T	50.8	11/09	43	1.7	16.8	2.8	1.0
SC	SC06-291RR	.	43	43.4	11/10	43	4.0	12.9	3.5	1.0
Average		59.5		57.9 ⁵	11/01	38	2.2	15.5	3.0	1.2
LSD at 10% Level		4.6		7.6	3	3	1.0	1.5	N.S. ⁶	N.S.
Std. Err. of Entry Mean		2.3		3.2	1	1	1.0	0.6	0.2	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 = 9.7% and df for EMS = 92.
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 29, 2015.
Harvested: November 16, 2015.
Seeding Rate: Eight seeds per foot in 30" rows.
Soil Type: Cecil clay loam.
Soil Test: P = Medium, K = Medium, and pH = 6.2.
Fertilization: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/acre.
Previous Crop: Wheat.
Management: Chisel plowed, disked, and rototilled; Treflan, Classic, Pursuit, Blazer, and one cultivation used for weed control; Headline used for fungal control; irrigated 2.5 inches.

Test conducted by H. Jordan and G. Ware.

Athens, Georgia: Soybean Variety Performance, 2015, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
Maturity Group V									
AGSouth	AGS 568RR	48.5	10	48.7	10/06	20	1.0	16.3	2.7
Dyna-Gro	S56RY84	47.6	11	48.4	10/10	24	1.0	16.0	3.2
Pioneer	P54T94R	47.5	6	52.7	10/08	19	1.0	16.8	3.7
Terral-REV®	55R53™	46.0	15	46.8	10/08	21	1.0	16.7	3.5
SS	5513N R2	45.8	18	44.1	10/08	25	1.0	15.7	3.5
AR	UA 5612	45.5	14	47.3	10/06	22	1.0	15.2	3.7
Terral-REV®	56R63™	43.9	21	43.3	10/08	27	1.0	14.5	3.0
AR	UA 5213C	43.7	24	42.7	10/03	19	1.0	13.2	4.0
SS	5711N R2	43.0	13	47.5	10/06	22	1.0	16.6	3.2
SS	SS 5511N R2	42.0	26	41.6	10/03	21	1.0	17.2	3.5
Terral-REV®	57R21™	41.5	12	47.7	10/07	29	1.0	14.6	3.2
Bayer	HBK RY5221	41.3	20	43.8	09/29	29	1.7	16.4	3.7
NK	S52-Y2 Brand	41.2	39	32.2	10/02	24	1.0	15.8	3.8
AGSouth	AGS 533 LL	39.4	27	41.2	10/01	29	1.0	14.3	3.5
Dyna-Gro	39RY57	37.5	28	39.8	10/05	20	1.0	16.6	3.7
Bayer	HBK LL4950	37.2	37	34.0	09/30	26	1.0	13.4	3.5
Public Variety	Osage	33.1	36	35.3	10/06	17	1.0	14.1	3.3
SS	LL 5914NS	.	1	59.6	10/10	25	1.0	15.8	3.0
NK	S58-Z4	.	2	59.4	10/13	21	1.0	17.0	2.0
Bayer	CZ 5947 LL	.	3	55.8	10/19	26	1.0	14.5	1.5
University of MO	S11-20124	.	4	55.6	10/06	29	1.3	14.5	3.2
Pioneer	P56T12SR	.	5	55.5	10/07	25	1.0	16.8	3.2
AR	UA 5814HP	.	7	50.9	10/11	23	1.0	16.8	1.8
Bayer	CZ 5727 LL	.	8	50.3	10/10	24	1.0	18.0	2.3
University of MO	S11-20195	.	9	49.6	10/01	23	1.0	13.6	3.3
SS	SS 5615N R2	.	16	46.0	10/07	20	1.0	15.8	3.0
AR	R09-430	.	17	45.2	09/27	18	1.0	15.1	3.0
Bayer	CZ 5515 LL	.	19	43.9	10/07	39	1.0	16.7	2.8
USG	75J90R	.	22 ^T	43.2	10/03	22	1.0	15.8	3.2
University of MO	S11-16653	.	22 ^T	43.2	09/28	21	1.0	16.8	3.3
Pioneer	P52T50R	.	23	43.0	09/28	19	1.0	14.0	3.3
AGSouth	AGS 5911LL	.	25	41.7	10/07	22	1.0	13.8	3.0
Croplan Genetics	5R2C56	.	29	39.3	10/07	19	1.0	15.2	3.3
AR	UA 5414RR	.	30	38.6	10/07	18	1.0	14.3	3.5
NK	S53-A1	.	31	38.2	09/30	18	1.0	15.9	3.0
AR	R10-197RY	.	32	37.5	10/04	18	1.0	14.6	3.3
Croplan Genetics	R2C5673	.	33	37.1	10/08	21	1.0	14.7	3.7
University of MO	S11-17025	.	34	36.8	10/09	18	1.0	15.2	3.5
University of MO	S11-20337	.	35	36.1	09/25	19	1.0	14.7	3.2
USDA-ARS	JTN-5110	.	38	33.5	10/01	19	1.0	14.9	3.7
Bayer	CZ 4959 RY	.	40	29.3	09/27	25	1.0	16.6	3.0
Average		42.6		44.1 ⁴	10/05	23	1.0	15.5	3.2
LSD at 10% Level		N.S. ⁵		7.7	3	3	0.1	1.3	0.4
Std. Err. of Entry Mean		2.7		3.3	1	1	0.1	0.5	0.2

Athens, Georgia: Soybean Variety Performance, 2015, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 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>									
NK	S67-R6 Brand	46.4	1	50.3	10/13	26	1.0	.	.
Dyna-Gro	S65RY73	42.6	4	44.8	10/15	24	1.0	.	.
SS	SS 6810N R2	38.1	9	39.6	10/23	28	1.0	.	.
Public Variety	Musen	35.9	13	35.0	10/22	30	1.3	.	.
Croplan Genetics	R2C6764	30.5	17	28.6	10/15	24	1.0	.	.
Bayer	CZ 6515 LL	.	2	47.1	10/25	28	1.0	.	.
SS	LL 6314S	.	3	46.8	10/23	34	1.0	.	.
Meherrin	SH 6215 LL	.	5	42.4	10/22	31	1.0	.	.
Pioneer	P67T25R2	.	6	41.2	10/18	31	1.0	.	.
Meherrin	SH 6815 LL	.	7	41.0	10/21	33	1.3	.	.
AGSouth	AGS 674 LL	.	8	39.8	10/19	35	1.7	.	.
Meherrin	SH 6515 LL	.	10	38.3	10/13	26	1.0	.	.
Bayer	CZ 6109 LL	.	11	37.6	10/12	22	1.0	.	.
Bayer	CZ 6316 LL	.	12	36.4	10/16	25	1.0	.	.
Bayer	CZ 6060 RY	.	14	34.7	10/09	22	1.0	.	.
Asgrow	AG6536 GENRR2Y	.	15	33.3	10/18	29	1.0	.	.
Croplan Genetics	R2C6192	.	16	31.2	10/20	22	1.0	.	.
USG	76J45R	.	18	28.4	10/12	26	1.0	.	.
TA Seeds	TS6569R2	.	19	27.5	10/11	26	1.0	.	.
SS	SS 6315 R2	.	20	27.4	10/11	25	1.0	.	.
USG	76S73R	.	21	25.1	10/15	24	1.0	.	.
Dyna-Gro	S67RY25	.	22	22.5	10/16	24	1.0	.	.
Croplan Genetics	5R2T65	.	23	22.0	10/06	22	1.0	.	.
Average		38.7		35.7 ⁶	10/16	27	1.1	.	.
LSD at 10% Level		7.1		5.7	2	2	0.3	.	.
Std. Err. of Entry Mean		2.2		2.4	1	1	0.1	.	.
<u>Maturity Groups VII and VIII</u>									
AGSouth	AGS Woodruff	62.2	1	63.1	10/27	33	1.3	.	.
UGA	G11PR-56151R2	54.7	3 ^T	60.2	10/28	29	1.0	.	.
NK	S74-M3	54.6	12	51.7	10/22	29	1.0	.	.
Asgrow	AG7535 GENRR2Y	53.2	7	53.9	10/26	27	1.0	.	.
SC	SC06-301RR	52.8	8	53.7	10/28	28	1.0	.	.
SC	SC07-108RR	52.5	9	53.4	10/31	31	1.0	.	.
Terral-REV®	73A74™	51.3	20	48.9	10/22	33	2.0	.	.
AGSouth	AGS 757 RR	51.0	14 ^T	51.1	10/26	29	1.0	.	.
AGSouth	AGS 738 RR	50.7	24	47.5	10/19	27	1.0	.	.
UGA	G10PR-56444R2	50.5	6 ^T	54.1	10/23	32	1.7	.	.
Public Variety	Santee	48.9	31	44.5	10/26	28	1.0	.	.
UGA	G11PR-407R2	48.8	14 ^T	51.1	10/28	29	1.3	.	.
SC	SC07-1518RR	48.8	19	49.3	10/31	31	1.0	.	.
UGA	G11PR-209R2	48.7	29 ^T	44.8	10/21	30	1.3	.	.
AGSouth	AGS 828 RR	48.6	21	48.8	10/28	27	1.3	.	.

Athens, Georgia: Soybean Variety Performance, 2015, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2015 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodging ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
Maturity Groups VII and VIII -continued									
UGA	G11PR-56238R2	47.7	30 ^T	44.6	10/24	26	1.0	.	.
Bayer	HBK RY7523	47.6	27 ^T	46.1	10/22	29	1.0	.	.
USG	77S40R	47.4	29 ^T	44.8	10/22	23	1.0	.	.
Bayer	CZ 7070 RY	47.4	36	42.2	10/22	31	1.3	.	.
Dyna-Gro	S74RY15	46.8	25	47.3	10/22	23	1.0	.	.
SC	SC07-1490RR	46.1	10	52.3	10/30	28	1.0	.	.
AGSouth	AGS 807	45.0	28 ^T	45.0	10/28	28	1.7	.	.
Dyna-Gro	S77RY85	44.8	26	46.6	10/28	27	1.0	.	.
Public Variety	Cook	42.8	35	42.5	10/28	30	1.0	.	.
USG	78S04R	39.5	37	41.2	10/29	31	1.0	.	.
UGA	G13LL-7	.	2	61.3	10/23	31	1.0	.	.
UGA	G00-3213	.	3 ^T	60.2	10/26	24	1.0	.	.
Public Variety	Cheraw	.	4	55.7	10/26	29	1.0	.	.
UGA	G13LL-5	.	5	55.2	10/20	33	1.3	.	.
UGA	G13LL-44	.	6 ^T	54.1	10/24	29	1.0	.	.
Bayer	CZ 7007 LL	.	11	52.0	10/26	31	1.3	.	.
Dyna-Gro	S72RS36	.	13	51.2	10/25	31	1.0	.	.
UGA	G13LL-56	.	15	50.9	10/22	31	1.3	.	.
SS	SS 7215NS R2	.	16	50.5	10/24	31	1.0	.	.
SC	SC06-291RR	.	17	50.0	11/02	37	2.0	.	.
UGA	G00-3880	.	18	49.5	10/27	29	1.0	.	.
Croplan Genetics	R2C7622	.	22	48.6	10/28	35	1.3	.	.
TA Seeds	TS8059R2	.	23	48.2	10/29	33	1.0	.	.
Public Variety	Maxcy	.	27 ^T	46.1	10/28	31	1.3	.	.
SC	SC09-092RR	.	28 ^T	45.0	10/31	33	1.7	.	.
Public Variety	Paul	.	30 ^T	44.6	10/29	27	1.3	.	.
USG	77J25RS	.	32	44.4	10/28	30	1.0	.	.
Pioneer	P76T54R2	.	33	44.0	10/24	33	1.0	.	.
Bayer	CZ 7132 LL	.	34	43.4	10/21	47	2.0	.	.
NK	S73-S8	.	38	39.9	10/26	30	1.3	.	.
Meherrin	SH 7116 LL	.	39	27.4	10/16	25	1.0	.	.
Average		49.3		48.9 ⁷	10/25	30	1.2	.	.
LSD at 10% Level		6.1		8.4	3	5	0.5	.	.
Std. Err. of Entry Mean		2.6		3.6	1	2	0.2	.	.

Athens, Georgia: Soybean Variety Performance, 2015, 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. CV = 12.9% and df for EMS = 80.
5. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
6. CV = 11.6% and df for EMS = 44.
7. CV = 12.6% 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 21, 2015.

Harvested: Maturity Group V - October 19, 2015.
Maturity Group VI - November 23, 2015.
Maturity Groups VII & VIII - November 24, 2015.

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

Soil Type: Cecile coarse sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 6.5.

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

Previous Crop: Cotton.

Management: Chisel plowed 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 4 inches.

Test conducted by Z. Li, E.D. Wood, G.E. Bishop, S.L. Finnerty, W.E. Baxter, B. F. Wilson, J.B. Nation, T.R. Wilson, J.B. Collins, J.L. Martin, K.L. Yeargin, R.S. Page, J.J. Griffin, P.K. Roach, and J.M. Cartey.

Calhoun, Georgia: Soybean Variety Performance, 2015, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2015 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>										
AGSouth	AGS 568RR	54.9	4	51.8	10/01	44	2.3	15.6	2.3	2.0
SS	SS 5511N R2	53.6	15 ^T	46.7	10/03	40	1.7	15.4	3.0	2.2
Terral-REV®	56R63™	52.7	10	48.1	10/08	44	3.3	15.1	2.7	2.2
Bayer	HBK LL4950	52.4	19 ^T	45.4	10/02	42	1.0	13.7	3.2	2.0
Pioneer	P54T94R	52.2	8	48.4	10/04	38	2.0	14.5	3.2	2.2
Dyna-Gro	S56RY84	51.3	26	42.7	10/02	43	2.3	13.4	3.3	2.3
Terral-REV®	57R21™	50.9	14 ^T	47.1	10/07	47	3.0	13.9	2.7	1.7
AR	UA 5213C	50.8	17 ^T	45.7	10/02	36	2.0	13.3	2.8	2.2
AR	UA 5612	50.1	23	43.8	10/07	37	2.7	13.8	3.3	2.0
AGSouth	AGS 533 LL	50.0	27	42.6	09/29	39	1.0	14.5	3.5	2.3
Dyna-Gro	39RY57	49.3	34	36.4	10/05	40	2.0	15.2	3.3	2.0
SS	5513N R2	48.6	25	42.8	10/03	40	1.7	14.1	3.2	3.2
Bayer	HBK RY5221	48.4	3	52.4	10/02	42	2.3	16.5	4.0	2.0
Terral-REV®	55R53™	47.8	20	45.3	10/04	37	2.0	14.5	3.7	2.0
NK	S52-Y2 Brand	47.6	15 ^T	46.7	10/03	37	1.0	14.3	3.7	1.7
SS	5711N R2	47.1	35	34.9	10/01	41	2.3	15.0	3.0	2.0
Public Variety	Osage	45.4	33	37.3	09/29	33	1.0	13.9	3.0	2.0
University of MO	S11-16653	.	1	56.8	10/03	37	2.0	16.5	3.3	2.0
Pioneer	P56T12SR	.	2	56.1	10/07	43	1.7	15.8	2.7	2.0
AR	UA 5814HP	.	5	51.6	10/07	40	2.0	14.7	2.5	1.7
Croplan Genetics	5R2C56	.	6	50.3	10/03	42	1.0	14.7	2.8	2.0
Bayer	CZ 5727 LL	.	7	48.8	10/08	40	1.7	16.4	1.8	2.0
NK	S53-A1	.	9	48.2	10/06	38	2.0	16.6	3.3	2.0
Bayer	CZ 5947 LL	.	11	47.8	10/08	43	2.3	13.1	2.0	1.3
Croplan Genetics	R2C5673	.	12	47.5	10/02	41	2.0	13.1	3.2	2.3
University of MO	S11-20337	.	13	47.3	10/04	39	2.7	12.9	3.5	2.0
NK	S58-Z4	.	14 ^T	47.1	10/08	39	1.3	13.5	2.0	1.0
Bayer	CZ 4959 RY	.	16 ^T	46.1	09/30	35	1.0	16.4	3.3	2.0
SS	SS 5615N R2	.	16 ^T	46.1	10/02	41	1.0	15.6	2.5	2.0
AR	R10-197RY	.	17 ^T	45.7	10/03	41	1.0	13.8	2.8	2.0
University of MO	S11-20195	.	18	45.6	10/02	39	3.3	12.9	3.8	2.0
USDA-ARS	JTN-5110	.	19 ^T	45.4	10/03	38	2.0	14.7	3.5	2.0
AR	R09-430	.	19 ^T	45.4	10/07	36	1.7	14.8	3.5	2.3
Pioneer	P52T50R	.	21	44.2	10/02	42	1.0	12.8	3.3	2.0
University of MO	S11-20124	.	22	43.9	10/05	42	4.0	13.3	3.2	2.3
University of MO	S11-17025	.	24	42.9	10/04	36	4.3	13.2	3.8	1.7
Bayer	CZ 5515 LL	.	28	41.6	10/04	46	1.7	13.7	3.2	2.0
AR	UA 5414RR	.	29	41.1	09/29	38	2.7	13.6	3.2	2.0
AGSouth	AGS 5911LL	.	30	40.1	10/04	41	1.0	13.1	3.3	3.0
USG	75J90R	.	37	39.7	10/02	41	1.7	16.5	2.8	2.0
SS	LL 5914NS	.	32	38.7	10/04	41	2.7	12.7	3.7	2.0
Average		50.2		45.5 ⁵	10/03	40	2.0	14.4	3.1	2.0
LSD at 10% Level		N.S. ⁶		6.5	4	3	0.8	1.1	0.5	0.5
Std. Err. of Entry Mean		2.0		2.8	2	1	0.3	0.5	0.2	0.2

Calhoun, Georgia:
Soybean Variety Performance, 2015, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2015 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	53.2	1	55.7	10/13	44	3.3	15.0	3.0	1.3
Dyna-Gro	S65RY73	49.1	8	45.7	10/16	41	2.0	12.1	2.5	1.0
Public Variety	Musen	43.7	7	45.8	10/16	48	2.3	15.0	2.3	1.3
Croplan Genetics	R2C6764	42.4	14	42.4	10/14	39	1.0	13.2	2.3	1.0
SS	SS 6810N R2	40.8	18	39.9	10/18	45	1.0	13.3	2.3	1.7
Bayer	CZ 6515 LL	.	2	51.9	10/12	44	1.3	15.5	1.5	1.0
Meherrin	SH 6515 LL	.	3	50.2	10/15	43	1.7	14.2	2.7	1.7
Meherrin	SH 6215 LL	.	4	46.7	10/10	48	1.3	17.0	1.7	1.3
Bayer	CZ 6060 RY	.	5	46.5	10/13	39	2.3	16.9	3.2	2.0
Croplan Genetics	5R2T65	.	6	45.9	10/12	40	2.7	15.4	4.0	1.7
SS	LL 6314S	.	9	45.4	10/21	44	1.0	16.7	1.8	2.0
Croplan Genetics	R2C6192	.	10	45.1	10/14	39	1.3	13.2	2.5	1.3
AGSouth	AGS 674 LL	.	11	44.9	10/19	43	3.3	13.7	2.3	1.7
Bayer	CZ 6109 LL	.	12	43.0	10/09	39	1.7	14.4	2.8	1.7
Asgrow	AG6536 GENRR2Y	.	13	42.5	10/16	42	1.3	13.6	2.0	1.3
Dyna-Gro	S67RY25	.	15	42.2	10/09	43	1.3	13.4	2.2	1.7
Bayer	CZ 6316 LL	.	16	41.5	10/13	41	1.7	12.2	3.0	1.7
USG	76S73R	.	17	41.0	10/17	42	1.3	13.6	2.3	2.0
Pioneer	P67T25R2	.	19	38.6	10/17	44	1.3	13.8	2.2	1.7
Meherrin	SH 6815 LL	.	20	38.0	10/19	44	3.3	13.3	2.5	1.3
USG	76J45R	.	21	35.0	10/18	40	1.7	11.6	3.0	1.0
TA Seeds	TS6569R2	.	22	30.4	10/10	41	1.0	12.1	3.2	1.0
SS	SS 6315 R2	.	23	27.7	10/15	41	2.0	11.7	3.3	1.3
Average		45.8		42.9 ⁷	10/14	42	1.8	14.0	2.6	1.5
LSD at 10% Level		7.2		5.9	N.S.	N.S.	0.9	1.1	0.4	0.6
Std. Err. of Entry Mean		1.8		2.5	3	2.3	0.4	0.4	0.2	0.3

Calhoun, Georgia: Soybean Variety Performance, 2015, 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 = 10.5% and df for EMS = 80.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
7. CV = 10.1% and df for EMS = 44.

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 8, 2015.
Harvested: November 27, 2015.
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 = 6.2.
Maturity Group VI: P = Very High, K = High, and pH = 6.1.
Fertilization: 21 lb N, 54 lb P₂O₅, and 168 lb K₂O/acre.
Previous Crop: Corn.
Management: Moldboard plowed, disked, and rototilled; Treflan, Basagran, Classic, Ultra Blazer, and one cultivation used for weed control; Bifenthrin used for insect control; applied 1.5 ton lime/acre; irrigated 11 inches.

Test conducted by H. Jordan, G. Ware, and J. Stubbs.