

SOYBEAN

Summary of Early-Planted Soybean Variety Performance at Six Locations, 2005

Company/Brand	Variety	2005 Yield ¹						Average
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	
		----- bu/acre -----						
<u>Maturity Group V</u>								
AgSouth	AGS533RR	69.6	43.3	32.7	57.6	53.4	58.2	52.5
AgSouth	AGS568RR	68.5	44.4	52.4	52.2	59.9	53.7	55.2
Asgrow	AG5905	70.3	42.7	51.2	67.2	49.4	64.5	57.5
DPL	DP5634RR	63.9	38.9	44.8	49.0	49.7	56.7	50.5
DPL	DP5915RR	65.8	42.9	48.4	57.8	52.5	56.4	54.0
DynaGro	36N57	68.5	45.0	46.0	50.3	59.3	62.0	55.2
Pioneer	95M81	63.1	36.2	51.9	57.6	50.9	58.3	53.0
Public Variety	Caviness	71.1	41.2	40.2	57.5	48.5	60.8	53.2
Public Variety	CavinessRR	69.7	40.6	45.1	54.1	39.0	58.6	51.2
Public Variety	Hutcheson	68.9	43.2	42.2	52.0	52.0	61.0	53.2
Public Variety	Lonoke	67.1	42.2	43.1	53.2	52.0	60.4	53.0
Public Variety	Ozarks	66.0	52.0	55.0	55.8	44.0	55.3	54.7
Public Variety	UA4805	65.3	39.4	38.9	52.4	48.0	53.8	49.6
Public Variety	UARK5896	64.7	32.6	49.0	49.7	50.5	52.0	49.7
SS	RT5450N	66.0	48.8	46.6	56.6	43.8	56.4	53.0
SS	RT5540N	68.9	40.5	50.0	62.7	56.4	60.2	56.5
SS	RT5651N	64.4	40.1	51.7	56.2	55.3	58.2	54.3
SS	RT5730N	68.7	48.3	40.8	53.2	51.9	63.3	54.4
SS	RT5930N	68.9	42.5	56.3	63.9	55.2	57.7	57.4
SS	RT5951N	63.4	39.8	46.8	59.6	52.7	59.1	53.6
SS	RT5999N	62.7	45.1	46.1	60.2	48.0	61.4	53.9
Terral	TV56R12	69.3	42.3	50.6	57.0	51.7	62.3	55.5
Terral	TV56R45	71.3	49.3	51.8	52.2	56.5	59.7	56.8
USG	USG 7582nRR	69.4	41.3	51.6	61.0	55.3	56.7	55.9
Virginia Tech	Teejay	72.4	37.2	55.5	56.7	45.5	53.8	53.5
Average		67.5	42.4	47.5	56.2	51.3	58.4	53.9
LSD at 10% Level		5.1	5.0	7.4	6.7	8.8	6.0	3.8
Std. Err. of Entry Mean		2.2	2.1	3.1	2.9	3.7	2.5	1.6
<u>Maturity Group VI</u>								
AgSouth	AGS BoggsRR	65.2	20.2	47.6	56.1	33.7	46.9	44.9
Asgrow	AG6702	68.5	33.8	46.3	54.2	54.1	61.5	53.1
DPL	DP6215RR	56.0	42.5	57.2	56.1	52.3	50.6	52.4
DPL	DP6880RR	64.0	27.6	41.5	56.1	39.0	42.4	45.1
DPL	DPX6568RR	65.5	29.7	53.1	66.3	54.5	57.3	54.4
Garst	6333RR/N	67.5	45.0	44.5	59.8	47.8	55.9	53.4
Garst	6612RR/N	61.7	21.2	37.6	55.9	40.5	53.1	45.0
Hornbeck	HBK R5924	70.6	34.6	45.9	63.1	63.2	65.7	57.2
Hornbeck	S010689R	63.7	34.2	48.9	54.5	51.0	61.7	52.3
Hornbeck	S010816R	66.9	36.9	41.2	58.2	52.6	53.1	51.5

Summary of Early-Planted Soybean Variety Performance at Six Locations, 2005 (Continued)

Company/Brand	Variety	2005 Yield ¹						Average
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	
----- bu/acre -----								
<u>Maturity Group VI</u> - continued								
Hornbeck	S010825R	70.1	42.0	52.1	58.3	55.5	52.0	55.0
Pioneer	96M60	64.7	42.8	61.2	61.1	61.0	52.9	57.3
Public Variety	Desha	62.8	38.2	42.2	54.2	50.8	55.1	50.5
Public Variety	Hutcheson	69.0	37.4	43.8	55.4	52.0	57.6	52.5
Public Variety	Musen	67.2	23.5	44.3	59.3	44.9	62.1	50.2
Public Variety	NC Roy	71.1	37.8	53.6	59.5	57.7	64.2	57.3
Public Variety	R97-1634	71.6	44.9	45.4	60.9	48.6	58.6	55.0
SS	RT6202N	60.0	42.9	46.5	55.4	50.2	60.9	52.6
SS	RT6451N	67.0	34.5	49.2	57.2	35.5	54.8	49.7
SS	RT6630N	67.8	36.3	46.9	63.1	49.9	62.0	54.3
USG	620NRR	65.3	39.5	48.0	58.5	59.4	61.6	55.4
USG	7635nRR	69.7	36.3	40.5	53.1	54.4	54.1	51.3
Vigoro	V622NRR	64.7	40.5	46.8	62.8	55.2	60.6	55.1
Vigoro	V67N6RR	68.1	25.2	53.6	52.4	49.4	60.3	51.5
Average		66.2	35.3	47.4	58.0	50.5	56.9	52.4
LSD at 10% Level		6.0	3.8	5.7	N.S. ²	8.4	6.7	4.4
Std. Err. of Entry Mean		2.5	1.6	2.4	3	3.5	2.8	1.9
<u>Maturity Groups VII and VIII</u>								
AgSouth	AGS 751	64.9	.	.	50.4	52.4	67.6	58.8
AgSouth	AGS 758RR	68.1	.	.	46.2	53.5	73.4	51.4
AgSouth	AGS 825RR	64.6	.	.	45.2	41.7	54.3	60.3
AgSouth	Benning	69.1	.	.	54.5	59.2	70.5	63.3
AgSouth	Haskell	64.2	.	.	40.7	65.0	66.3	59.0
AgSouth	Prichard	72.0	.	.	52.2	39.9	63.9	57.0
AgSouth	Prichard RR	58.7	.	.	46.3	46.5	63.9	53.8
Asgrow	AG7601	80.4	.	.	39.9	49.7	66.9	59.2
DeKalb	H7242RR	69.0	.	.	51.3	48.5	63.3	62.2
DPL	DP7220RR	67.4	.	.	54.2	59.7	67.4	66.3
DPL	DP7870RR	81.9	.	.	53.4	64.6	65.3	60.7
DPL	DPXC00-73303RR	67.7	.	.	52.2	54.9	68.2	58.0
DynaGro	34J71	74.3	.	.	47.3	52.8	67.5	60.5
NARO	L-Star	48.5	.	.	29.2	33.1	38.4	37.3
NK	S76-L9	67.5	.	.	49.8	45.3	68.9	57.9
NK	S80-P2	70.7	.	.	53.0	59.5	70.8	63.5
NK	X577R	68.7	.	.	56.4	56.4	69.9	62.8
Pioneer	97B52	59.6	.	.	51.2	55.5	68.6	58.7
Public Variety	Cook	69.5	.	.	43.8	54.8	65.5	58.4
Public Variety	Kuell	66.4	.	.	51.8	55.3	66.1	59.9
Public Variety	Motte	76.5	.	.	57.4	51.1	72.0	64.2
Public Variety	Musen	67.0	.	.	54.1	51.9	73.3	61.6
Public Variety	NC Raleigh	73.3	.	.	46.6	58.5	69.6	62.0
Public Variety	Santee	70.5	.	.	57.5	52.4	74.4	57.5
Public Variety	SC01-783	73.7	.	.	40.9	49.3	66.1	56.8

Summary of Early-Planted Soybean Variety Performance at Six Locations, 2005 (Continued)

Company/Brand	Variety	2005 Yield ¹						
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	Average
		----- bu/acre -----						
<u>Maturity Groups VII and VIII</u> - continued								
Public Variety	SC01-803	71.5	.	.	43.1	48.3	64.3	56.9
Public Variety	SC01-819	71.0	.	.	44.4	50.9	61.2	63.7
Public Variety	Stonewall	55.3
Public Variety	Tyrone	48.3	.	.	45.2	41.6	43.5	44.7
SS	RT7355N	69.6	.	.	44.9	50.8	67.5	58.2
SS	RT7499N	63.4	.	.	45.9	49.3	60.5	54.8
UGA	G00-3209	86.0	.	.	50.5	56.3	67.2	65.0
UGA	G00-3213	83.4	.	.	52.5	50.8	68.0	63.7
UGA	G00-3322	83.5	.	.	58.1	49.9	74.3	66.4
UGA	G00-3364	76.0	.	.	61.1	59.0	69.9	66.5
UGA	G00-3880	72.6	.	.	51.6	61.8	75.2	65.3
UGA	G00-4071	69.9	.	.	50.1	48.4	68.1	59.1
UGA	G03-364	68.2	.	.	46.9	47.4	69.6	58.0
UGA	G03-695	70.8	.	.	44.5	49.6	65.4	57.5
UGA	G03-926	71.6	.	.	44.8	49.4	60.6	56.6
UGA	G03-952	69.7	.	.	48.8	51.3	74.0	60.9
UGA	G04-G2261	78.8	.	.	46.4	48.8	69.6	60.9
USDA	8GH61-1-1GPL	41.3	.	.	30.4	35.7	36.3	35.9
USG	7732nRR	62.9	.	.	39.6	55.3	59.9	54.4
USG	7743nRR	67.9	.	.	47.3	52.5	65.3	58.2
Vigoro	V71N4RR	70.4	.	.	52.9	53.3	73.2	62.4
Vigoro	V74N4RR	79.3	.	.	47.6	59.5	71.1	64.4
Average		69.1	.	.	48.3	51.8	65.8	58.8
LSD at 10% Level		8.8			7.0	7.2	6.2	5.8
Std. Err. of Entry Mean		3.8			3.0	3.0	2.6	2.5

1. Yields calculated at 13% moisture.

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

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

Regional Summary of Early-Planted Soybean Variety Performance, 2005

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide ⁴	
		2005	2-Year Average	2005	2-Year Average	2005	2-Year Average
----- bu/acre -----							
<u>Maturity Group V</u>							
AgSouth	AGS533RR	56.4	.	48.5	.	52.5	.
AgSouth	AGS568RR	55.3	.	55.1	.	55.2	.
Asgrow	AG5905	60.3	.	54.7	.	57.5	.
DPL	DP5634RR	51.8	57.8	49.2	53.5	50.5	55.6
DPL	DP5915RR	55.6	58.9	52.4	56.9	54.0	57.9
DynaGro	36N57	57.2	.	53.1	.	55.2	.
Pioneer	95M81	55.6	.	50.4	.	53.0	.
Public Variety	Caviness	55.6	57.7	50.8	50.4	53.2	54.0
Public Variety	CavinessRR	50.6	54.6	51.8	51.3	51.2	53.0
Public Variety	Hutcheson	55.0	54.7	51.4	54.1	53.2	54.4
Public Variety	Lonoke	55.2	56.6	50.8	49.3	53.0	52.9
Public Variety	Ozarks	51.7	53.6	57.7	57.7	54.7	55.7
Public Variety	UA4805	51.4	55.2	47.9	51.5	49.6	53.4
Public Variety	UARK5896	50.7	53.7	48.7	49.1	49.7	51.4
SS	RT5450N	52.3	.	53.8	.	53.0	.
SS	RT5540N	59.8	60.7	53.1	55.4	56.5	58.0
SS	RT5651N	56.6	.	52.1	.	54.3	.
SS	RT5730N	56.1	54.4	52.6	51.4	54.4	52.9
SS	RT5930N	59.0	57.4	55.9	54.7	57.4	56.0
SS	RT5951N	57.1	.	50.0	.	53.6	.
SS	RT5999N	56.5	56.9	51.3	52.9	53.9	54.9
Terral	TV56R12	57.0	56.6	54.1	53.2	55.5	54.9
Terral	TV56R45	56.1	.	57.5	.	56.8	.
USG	USG 7582nRR	57.7	56.6	54.1	55.7	55.9	56.1
Virginia Tech	Teejay	52.0	.	55.0	.	53.5	.
Average		55.3	56.4	52.5	53.1	53.9	54.7
LSD at 10% Level		N.S. ⁵	2.9	6.3	3.9	3.8	2.4
Std. Err. of Entry Mean		1.8	1.2	2.7	1.7	1.6	1.1
<u>Maturity Group VI</u>							
AgSouth	AGS BoggsRR	45.6	44.3	44.3	44.9	44.9	44.6
Asgrow	AG6702	56.6	.	49.5	.	53.1	.
DPL	DP6215RR	53.0	52.3	51.9	49.8	52.4	51.0
DPL	DP6880RR	45.8	46.1	44.4	45.0	45.1	45.5
DPL	DPX6568RR	59.3	.	49.4	.	54.4	.
Garst	6333RR/N	54.5	56.3	52.3	53.3	53.4	54.8
Garst	6612RR/N	49.8	49.8	40.2	41.8	45.0	45.8
Hornbeck	HBK R5924	64.0	.	50.4	.	57.2	.
Hornbeck	S010689R	55.7	.	48.9	.	52.3	.
Hornbeck	S010816R	54.6	.	48.4	.	51.5	.

Regional Summary of Early-Planted Soybean Variety Performance, 2005 (Continued)

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide ⁴	
		2005	2-Year Average	2005	2-Year Average	2005	2-Year Average
----- bu/acre -----							
<u>Maturity Group VI - continued</u>							
Hornbeck	S010825R	55.3	.	54.7	.	55.0	.
Pioneer	96M60	58.4	.	56.2	.	57.3	.
Public Variety	Desha	53.3	51.7	47.7	48.6	50.5	50.2
Public Variety	Hutcheson	55.0	56.5	50.0	50.2	52.5	53.3
Public Variety	Musen	55.4	52.7	45.0	43.6	50.2	48.1
Public Variety	NC Roy	60.5	54.6	54.2	53.0	57.3	53.8
Public Variety	R97-1634	56.1	.	54.0	.	55.0	.
SS	RT6202N	55.5	58.8	49.8	51.7	52.6	55.3
SS	RT6451N	49.2	.	50.2	.	49.7	.
SS	RT6630N	58.3	58.9	50.3	50.6	54.3	54.8
USG	620NRR	59.8	60.0	51.0	53.5	55.4	56.7
USG	7635nRR	53.8	.	48.9	.	51.3	.
Vigoro	V622NRR	59.5	58.9	50.7	53.4	55.1	56.1
Vigoro	V67N6RR	54.0	.	49.0	.	51.5	.
Average		55.1	53.9	49.6	49.2	52.4	51.5
LSD at 10% Level		4.2	3.0	7.8	4.8	4.4	2.8
Std. Err. of Entry Mean		1.8	1.3	3.3	2.0	1.9	1.2
<u>Maturity Groups VII and VIII</u>							
AgSouth	AGS 751	56.8	51.0	64.9	50.5	58.8	50.9
AgSouth	AGS 825RR	47.1	45.1	64.6	50.7	51.4	46.5
AgSouth	AGS758RR	57.7	53.3	68.1	58.7	60.3	54.7
AgSouth	Benning	61.4	55.8	69.1	52.7	63.3	55.1
AgSouth	Haskell	57.3	51.9	64.2	55.4	59.0	52.8
AgSouth	Prichard	52.0	44.4	72.0	55.5	57.0	47.2
AgSouth	Prichard RR	52.2	43.8	58.7	47.3	53.8	44.7
Asgrow	AG7601	52.2	50.9	80.4	59.0	59.2	52.9
DPL	DP7220RR	60.4	53.6	67.4	52.3	62.2	53.3
DPL	DP7870RR	61.1	54.2	81.9	63.5	66.3	56.5
DPL	DPXC00-73303RR	58.4	.	67.7	.	60.7	.
DeKalb	H7242RR	54.4	51.4	69.0	55.0	58.0	52.3
DynaGro	34J71	55.9	54.3	74.3	59.4	60.5	55.6
NARO	L-Star	33.6	31.6	48.5	36.0	37.3	32.7
NK	S76-L9	54.7	49.2	67.5	53.9	57.9	50.4
NK	S80-P2	61.1	53.7	70.7	59.6	63.5	55.2
NK	X577R	60.9	.	68.7	.	62.8	.
Pioneer	97B52	58.4	54.1	59.6	51.5	58.7	53.5
Public Variety	Cook	54.7	51.1	69.5	53.1	58.4	51.6
Public Variety	Kuell	57.7	52.1	66.4	52.7	59.9	52.2
Public Variety	Motte	60.2	54.6	76.5	59.8	64.2	55.9
Public Variety	Musen	59.8	52.0	67.0	49.2	61.6	51.3
Public Variety	NC Raleigh	58.3	55.0	73.3	56.5	62.0	55.4
Public Variety	SC01-783	52.1	.	73.7	.	57.5	.
Public Variety	SC01-803	51.9	.	71.5	.	56.8	.

Regional Summary of Early-Planted Soybean Variety Performance, 2005 (Continued)

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide ⁴	
		2005	2-Year Average	2005	2-Year Average	2005	2-Year Average
----- bu/acre -----							
Maturity Groups VII and VIII - continued							
Public Variety	SC01-819	52.2	.	71.0	.	56.9	.
Public Variety	Santee	61.4	55.3	70.5	59.2	63.7	56.3
Public Variety	Stonewall	.	.	55.3	50.5	.	.
Public Variety	Tyrone	43.5	.	48.3	.	44.7	.
SS	RT7355N	54.4	.	69.6	.	58.2	.
SS	RT7499N	51.9	44.5	63.4	47.7	54.8	45.3
UGA	G00-3209	58.0	.	86.0	.	65.0	.
UGA	G00-3213	57.1	.	83.4	.	63.7	.
UGA	G00-3322	60.7	.	83.5	.	66.4	.
UGA	G00-3364	63.3	.	76.0	.	66.5	.
UGA	G00-3880	62.9	59.2	72.6	57.8	65.3	58.9
UGA	G00-4071	55.5	.	69.9	.	59.1	.
UGA	G03-364	54.6	.	68.2	.	58.0	.
UGA	G03-695	53.1	.	70.8	.	57.5	.
UGA	G03-926	51.6	.	71.6	.	56.6	.
UGA	G03-952	58.0	.	69.7	.	60.9	.
UGA	G04-G2261	54.9	.	78.8	.	60.9	.
USDA	8GH61-1-1GPL	34.1	.	41.3	.	35.9	.
USG	7732nRR	51.6	52.4	62.9	55.3	54.4	53.1
USG	7743nRR	55.0	54.3	67.9	59.4	58.2	55.6
Vigoro	V71N4RR	59.8	56.2	70.4	58.0	62.4	56.7
Vigoro	V74N4RR	59.4	54.6	79.3	61.9	64.4	56.4
Average		55.3	51.4	69.1	54.6	58.8	52.3
LSD at 10% Level		3.9	2.8	8.8	9.1	5.8	3.4
Std. Err. of Entry Mean		1.7	1.2	3.8	2.5	2.5	1.4

1. Yields calculated at 13% moisture.

2. Midville, Plains and Tifton.

3. Maturity Groups V & VI: Athens, Calhoun and Griffin. Maturity Groups VII & VIII: Athens.

4. Maturity Groups V & VI: All six locations. Maturity Groups VII & VIII: Four locations (Athens, Midville, Plains, and Tifton).

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 Late-Planted Soybean Variety Performance, 2005

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide ⁴	
		2005	2-Year Average	2005	2-Year Average	2005	2-Year Average
----- bu/acre -----							
<u>Maturity Groups VII and VIII</u>							
AgSouth	AGS 751	45.4	41.8	24.3	28.9	34.9	35.3
AgSouth	AGS 825RR	36.6	38.2	23.3	22.3	30.0	30.3
AgSouth	AGS758RR	44.7	43.6	28.4	31.5	36.6	37.5
AgSouth	Benning	47.2	43.5	28.2	30.3	37.7	36.9
AgSouth	Haskell	57.2	50.7	29.3	29.3	43.2	40.0
AgSouth	Prichard	41.1	39.0	12.5	17.7	26.8	28.4
AgSouth	Prichard RR	43.2	39.3	9.4	18.1	26.3	28.7
Asgrow	AG7601	40.4	44.3	19.8	20.7	30.1	32.5
DPL	DP7220RR	53.2	41.6	32.6	26.1	42.9	33.8
DPL	DP7870RR	51.9	51.0	23.3	23.7	37.6	37.3
DPL	DPXC00-73303RR	46.5	.	25.0	.	35.7	.
DeKalb	H7242RR	41.1	41.8	22.3	24.7	31.7	33.3
DynaGro	34J71	46.4	45.3	26.1	22.4	36.2	33.9
NARO	L-Star	25.3	26.4	11.7	13.7	18.5	20.0
NK	S76-L9	45.1	40.7	21.6	24.4	33.4	32.5
NK	S80-P2	44.7	41.1	23.8	23.7	34.2	32.4
NK	X577R	50.5	.	18.4	.	34.5	.
Pioneer	97B52	50.6	45.0	22.6	19.2	36.6	32.1
Public Variety	Cook	54.3	50.1	26.9	22.3	40.6	36.2
Public Variety	Kuell	47.4	43.9	17.8	22.8	32.6	33.4
Public Variety	Motte	47.3	42.7	22.6	19.8	35.0	31.3
Public Variety	Musen	42.3	37.5	24.3	15.4	33.3	26.4
Public Variety	N7001	51.1	43.2	20.1	20.0	35.6	31.6
Public Variety	NC Raleigh	51.4	50.7	21.1	27.2	36.3	39.0
Public Variety	SC01-783	38.5	.	17.8	.	28.1	.
Public Variety	SC01-803	39.8	.	20.4	.	30.1	.
Public Variety	SC01-819	39.6	.	19.5	.	29.5	.
Public Variety	Santee	48.5	43.3	26.4	24.2	37.4	33.8
Public Variety	Tyrone	37.9	.	16.6	.	27.2	.
SS	RT7355N	42.3	.	27.6	.	34.9	.
SS	RT7499N	51.4	43.0	23.6	17.1	37.5	30.1
UGA	G00-3209	46.8	.	32.3	.	39.5	.
UGA	G00-3213	55.9	.	32.5	.	44.2	.
UGA	G00-3322	51.3	.	20.4	.	35.8	.
UGA	G00-3364	48.1	.	28.0	.	38.0	.
UGA	G00-3880	56.1	49.0	27.3	26.2	41.7	37.6
UGA	G00-4071	51.2	.	28.7	.	39.9	.
UGA	G03-364	48.0	.	29.9	.	38.9	.
UGA	G03-695	44.9	.	22.2	.	33.6	.
UGA	G03-926	39.5	.	22.0	.	30.7	.

Regional Summary of Late-Planted Soybean Variety Performance, 2005 (Continued)

Company or Brand Name	Variety	Yield ¹					
		South ²		North ³		Statewide ⁴	
		2005	2-Year Average	2005	2-Year Average	2005	2-Year Average
----- bu/acre -----							
<u>Maturity Groups VII and VIII</u>							
UGA	G03-952	47.5	.	19.3	.	33.4	.
UGA	G04-G2261	49.6	.	21.1	.	35.3	.
USDA	8GH61-1-1GPL	29.0	.	13.4	.	21.2	.
USG	7732nRR	49.8	50.2	28.3	23.1	39.1	36.7
USG	7743nRR	44.5	43.7	25.2	24.2	34.9	33.9
Vigoro	V71N4RR	50.6	47.8	22.8	18.9	36.7	33.4
Vigoro	V74N4RR	41.7	40.8	20.8	25.4	31.3	33.1
Average		45.9	43.4	23.0	22.9	34.5	33.2
LSD at 10% Level		6.9	8.1	4.2	N.S. ⁵	4.0	3.0
Std. Err. of Entry Mean		2.9	1.9	1.8	1.8	1.0	1.3

1. Yields calculated at 13% moisture.
2. Plains.
3. Griffin.
4. Both Plains and Griffin.
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: Early-Planted Soybean Variety Performance, 2005, Irrigated

Company or Brand Name	Variety	2-Year Average Yield	2005 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group V</u>										
SS	RT5540N	64.3	9	60.2	10/04	27	2.0	16.7	1.2	1.0
SS	RT5730N	64.1	2	63.3	10/02	23	3.0	17.1	1.7	1.0
Public Variety	Caviness	64.0	7	60.8	10/01	25	2.7	16.4	1.8	1.0
Terral	TV56R12	63.4	3	62.3	10/01	32	3.0	14.5	1.8	1.0
Public Variety	Lonoke	63.4	8	60.4	10/05	27	2.7	17.0	1.3	1.0
DPL	DP5634RR	63.0	16 ^T	56.7	09/29	27	3.0	15.8	1.2	1.0
DPL	DP5915RR	62.4	17 ^T	56.4	10/04	30	1.3	16.4	1.7	1.0
Public Variety	CavinessRR	61.9	12	58.6	10/04	27	2.0	17.2	2.3	1.0
SS	RT5999N	61.7	5	61.4	10/03	35	1.7	17.4	1.8	1.0
Public Variety	Hutcheson	61.6	6	61.0	10/02	25	1.7	17.7	1.7	1.0
SS	RT5930N	60.9	15	57.7	10/08	27	1.7	17.6	2.0	1.0
USG	USG 7582nRR	59.1	16 ^T	56.7	10/07	29	2.0	17.1	2.2	1.0
Public Variety	Ozarks	58.2	18	55.3	10/01	24	2.7	17.2	1.7	1.0
Public Variety	UA4805	57.7	19 ^T	53.8	09/28	21	2.0	14.0	1.3	1.0
Public Variety	UARK5896	55.2	21	52.0	10/03	24	2.0	17.1	2.0	1.0
Asgrow	AG5905	.	1	64.5	10/04	35	2.0	14.6	1.5	1.0
DynaGro	36N57	.	4	62.0	10/05	23	2.3	16.6	1.8	1.0
Terral	TV56R45	.	10	59.7	10/03	24	2.0	15.8	1.7	1.0
SS	RT5951N	.	11	59.1	10/01	30	2.0	18.8	1.3	1.0
Pioneer	95M81	.	13	58.3	10/02	25	1.3	13.5	1.5	1.0
SS	RT5651N	.	14 ^T	58.2	10/05	29	2.7	18.2	1.8	1.0
AgSouth	AGS533RR	.	14 ^T	58.2	09/30	27	3.0	16.5	1.2	1.0
SS	RT5450N	.	17 ^T	56.4	10/02	25	1.3	17.6	1.8	1.0
Virginia Tech	Teejay	.	19 ^T	53.8	09/30	25	2.0	19.7	1.7	1.0
AgSouth	AGS568RR	.	20	53.7	09/30	30	1.3	15.3	1.3	1.0
Average		61.4		58.4 ⁵	10/02	27	2.1	16.6	1.7	1.0
LSD at 10% Level		4.4		6.0	02	3	0.9	1.8	0.4	-
Std. Err. of Entry Mean		1.8		2.5	01	1	0.4	0.6	0.2	-
<u>Maturity Group VI</u>										
SS	RT6202N	63.9	8	60.9	10/07	33	1.3	15.7	1.3	1.0
USG	620NRR	63.2	6	61.6	10/07	33	1.3	15.6	1.7	1.0
SS	RT6630N	60.9	4	62.0	10/12	31	1.3	16.6	2.0	1.0
Vigoro	V622NRR	59.7	9	60.6	10/07	31	1.7	15.7	1.5	1.0
Garst	6333RR/N	59.1	14	55.9	10/06	25	1.0	15.5	2.0	1.0
Public Variety	Musen	58.2	3	62.1	10/14	31	1.7	14.8	1.7	1.0
Public Variety	Hutcheson	57.3	12	57.6	10/02	26	1.7	17.5	1.3	1.0
Public Variety	NC Roy	55.4	2	64.2	10/12	27	2.7	14.1	1.8	1.0
Public Variety	Desha	53.1	15	55.1	10/06	33	1.3	17.2	1.5	1.0
Garst	6612RR/N	51.3	18 ^T	53.1	10/10	33	2.3	15.5	2.0	1.0
DPL	DP6215RR	50.5	21	50.6	10/05	33	2.3	16.6	1.7	1.0
AgSouth	AGS BoggsRR	47.3	22	46.9	10/07	33	2.3	13.8	1.5	1.0
DPL	DP6880RR	42.2	23	42.4	10/10	33	2.3	15.7	1.8	1.0
Hornbeck	HBK R5924	.	1	65.7	10/05	27	2.0	14.0	1.5	1.0
Hornbeck	S010689R	.	5	61.7	10/06	33	1.3	16.9	1.5	1.0

Tifton, Georgia:
Early-Planted Soybean Variety Performance, 2005, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2005 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 - continued</u>										
Asgrow	AG6702	.	7	61.5	10/11	29	1.3	16.0	1.5	1.0
Vigoro	V67N6RR	.	10	60.3	10/12	30	1.7	16.8	1.3	1.0
Public Variety	R97-1634	.	11	58.6	10/07	24	1.3	18.2	1.8	1.0
DPL	DPX6568RR	.	13	57.3	10/06	29	1.0	15.4	1.9	1.0
SS	RT6451N	.	16	54.8	10/07	30	2.0	15.5	1.8	1.0
USG	7635nRR	.	17	54.1	10/05	29	1.3	17.7	1.3	1.0
Hornbeck	S010816R	.	18 ^T	53.1	10/06	29	1.0	16.6	1.8	1.0
Pioneer	96M60	.	19	52.9	10/03	31	2.3	15.7	1.3	1.0
Hornbeck	S010825R	.	20	52.0	10/05	29	1.0	16.1	1.7	1.0
Average		55.5		56.9 ⁶	10/07	30	1.7	15.9	1.6	1.0
LSD at 10% Level		7.8		6.7	02	3	0.9	1.5	0.5	-
Std. Err. of Entry Mean		2.0		2.8	01	1	0.4	0.5	0.2	-
<u>Maturity Group VII and VIII</u>										
UGA	G00-3880	67.6	1	75.2	10/24	33	2.0	19.0	2.0	1.0
USG	7743nRR	66.1	28 ^T	65.3	10/20	41	2.0	16.7	1.8	1.0
Vigoro	V74N4RR	64.5	9	71.1	10/21	44	2.0	16.3	1.7	1.0
Vigoro	V71N4RR	64.3	7	73.2	10/24	26	1.7	16.3	2.0	1.0
Public Variety	Santee	64.2	2	74.4	10/18	36	2.3	17.4	1.8	1.0
Public Variety	Musen	62.9	6	73.3	10/14	35	2.3	15.2	1.5	1.0
Public Variety	Motte	60.9	8	72.0	10/25	34	3.0	17.1	1.3	1.0
DynaGro	34J71	60.9	20 ^T	67.5	10/26	25	1.0	15.4	1.8	1.0
Pioneer	97B52	60.7	15	68.6	10/18	32	3.0	17.7	2.2	1.0
AgSouth	Benning	60.6	11	70.5	10/15	31	3.7	18.2	2.0	1.0
AgSouth	AGS 758RR	60.4	5	73.4	10/14	29	2.7	15.7	1.8	1.0
DPL	DP7870RR	60.0	28 ^T	65.3	10/16	35	2.7	16.1	1.8	1.0
NK	S76-L9	58.8	14	68.9	10/23	31	2.0	19.5	1.5	1.0
NK	S80-P2	58.4	10	70.8	10/23	36	1.0	20.7	2.0	1.0
Public Variety	NC Raleigh	57.7	13 ^T	69.6	10/26	29	2.3	16.7	1.7	1.0
Asgrow	AG7601	57.6	23	66.9	10/25	41	2.7	18.6	1.8	1.0
DeKalb	H7242RR	57.3	31	63.3	10/20	33	3.0	15.9	1.7	1.0
USG	7732nRR	57.3	35	59.9	10/20	35	2.0	17.6	1.7	1.0
DPL	DP7220RR	56.2	21	67.4	10/17	37	2.7	15.3	1.2	1.0
Public Variety	Cook	56.1	26	65.5	10/24	37	1.7	18.7	1.8	1.0
AgSouth	AGS 751	55.0	19	67.6	10/18	35	2.3	16.7	1.8	1.0
Public Variety	Kuell	54.2	25 ^T	66.1	10/25	35	3.7	18.8	1.7	1.0
AgSouth	Prichard RR	54.2	30 ^T	63.9	10/26	39	2.0	15.1	1.5	1.0
AgSouth	Haskell	53.3	24	66.3	10/20	33	2.7	18.8	1.5	1.0
AgSouth	Prichard	49.4	30 ^T	63.9	10/26	37	3.0	16.6	1.8	1.0
AgSouth	AGS 825RR	48.5	36	54.3	10/26	39	2.0	18.1	1.7	1.0
SS	RT7499N	47.9	34	60.5	10/14	35	1.7	15.0	1.2	1.0
NARO	L-Star	33.7	38	38.4	10/22	30	2.3	23.6	2.2	4.0
UGA	G00-3322	.	3	74.3	10/25	33	1.7	18.9	1.8	1.0
UGA	G03-952	.	4	74.0	10/25	34	2.3	19.0	2.0	1.0

Tifton, Georgia:
Early-Planted Soybean Variety Performance, 2005, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2005 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII - continued</u>										
NK	X577R	.	12 ^T	69.9	10/20	36	2.3	20.9	3.2	1.0
UGA	G00-3364	.	12 ^T	69.9	10/27	29	1.7	20.6	1.8	1.0
UGA	G03-364	.	13 ^T	69.6	10/14	33	3.3	16.3	1.3	1.0
UGA	G04-G2261	.	13 ^T	69.6	10/22	33	2.0	16.9	1.8	1.0
DPL	DPXC00-73303RR	.	16	68.2	10/18	31	1.7	17.4	1.5	1.0
UGA	G00-4071	.	17	68.1	10/26	31	1.3	19.1	1.8	1.0
UGA	G00-3213	.	18	68.0	10/22	31	1.7	18.7	1.8	1.0
SS	RT7355N	.	20 ^T	67.5	10/17	33	1.3	19.5	1.5	1.0
UGA	G00-3209	.	22	67.2	10/23	31	3.3	19.8	1.8	1.0
Public Variety	SC01-783	.	25 ^T	66.1	10/23	34	1.0	16.2	1.8	1.0
UGA	G03-695	.	27	65.4	10/23	35	2.0	19.1	1.3	1.0
Public Variety	SC01-803	.	29	64.3	10/25	39	1.3	17.4	2.0	1.0
Public Variety	SC01-819	.	32	61.2	10/21	35	1.7	15.6	2.0	1.0
UGA	G03-926	.	33	60.6	10/23	35	2.0	16.6	1.7	1.0
Public Variety	Tyrone	.	37	43.5	10/09	67	3.0	16.2	1.7	1.0
USDA	8GH61-1-1GPL	.	39	36.3	10/24	65	2.0	21.3	3.2	1.0
Average		57.5		65.8 ⁷	10/21	35	2.2	17.7	1.8	1.1
LSD at 10% Level		8.5		6.2	04	4	0.9	1.9	0.5	-
Std. Err. of Entry Mean		2.0		2.6	02	2	0.4	0.7	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 = 7.5% and df for EMS = 50.
6. CV = 8.6% and df for EMS = 46.
7. CV = 7.0% 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 18, 2005.

Harvested: Maturity Group V - October 21, 2005.
Maturity Group VI - October 21, 2005.
Maturity Group VII and VIII - October 31, 2005.

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

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Medium, and pH = 5.5.

Fertilization: 0 lb N, 0 lb P₂O₅, and 88 lb K₂O/acre.

Previous Crop: Corn.

Management: Paratilled, subsoiled and bedded, and rototilled; Treflan and Basagran used for weed control; Lorsban, Karate, Dipel, Dimilin, and Mustang Max used for insect control; Telone II used for nematode control; Bravo, Headline, and Folicur used for Soybean Asian Rust prevention; irrigated 7.0 inches.

Test conducted by A. E. Coy, R. Brooke, R. Bennett, and R. Burton.

Plains, Georgia: Early-Planted Soybean Variety Performance, 2005, Irrigated

Company or Brand Name	Variety	2-Year Average Yield	2005 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group V</u>										
SS	RT5540N	61.4	4	56.4	10/01	37	2.0	.	.	1.0
Public Variety	UA4805	60.0	18 ^T	48.0	09/27	31	1.7	.	.	1.0
DPL	DP5915RR	59.1	9	52.5	10/03	31	2.7	.	.	1.0
DPL	DP5634RR	58.8	15	49.7	09/28	34	2.7	.	.	1.0
USG	USG 7582nRR	57.6	5 ^T	55.3	10/02	37	1.0	.	.	1.0
SS	RT5730N	56.9	11	51.9	09/30	31	3.0	.	.	1.0
SS	RT5930N	56.0	6	55.2	10/03	37	1.0	.	.	1.0
Terral	TV56R12	55.8	12	51.7	09/28	35	3.0	.	.	1.0
Public Variety	UARK5896	55.5	14	50.5	09/28	33	3.0	.	.	1.0
Public Variety	Lonoke	55.2	10 ^T	52.0	10/02	33	3.3	.	.	1.0
SS	RT5999N	55.1	18 ^T	48.0	10/02	40	2.0	.	.	1.0
Public Variety	Caviness	54.6	17	48.5	10/02	32	2.0	.	.	1.0
Public Variety	Hutcheson	53.7	10 ^T	52.0	09/30	33	1.7	.	.	1.0
Public Variety	Ozarks	51.3	20	44.0	10/01	31	1.7	.	.	1.0
Public Variety	CavinessRR	48.1	23	39.0	09/30	31	1.0	.	.	1.0
AgSouth	AGS568RR	.	1	59.9	09/26	32	2.0	.	.	1.0
DynaGro	36N57	.	2	59.3	09/30	30	3.3	.	.	1.0
Terral	TV56R45	.	3	56.5	10/01	31	2.0	.	.	1.0
SS	RT5651N	.	5 ^T	55.3	10/02	33	2.3	.	.	1.0
AgSouth	AGS533RR	.	7	53.4	09/27	30	3.0	.	.	1.0
SS	RT5951N	.	8	52.7	09/30	35	1.7	.	.	1.0
Pioneer	95M81	.	13	50.9	09/30	38	1.7	.	.	1.0
Asgrow	AG5905	.	16	49.4	09/30	42	1.7	.	.	1.0
Virginia Tech	Teejay	.	19	45.5	10/01	29	1.0	.	.	1.0
SS	RT5450N	.	21	43.8	10/02	33	2.0	.	.	1.0
Average		55.9		51.6 ⁵	09/30	34	2.1	.	.	1.0
LSD at 10% Level		N.S. ⁶		8.8	02	3	0.7			-
Std. Err. of Entry Mean		2.3		3.7	01	1	0.3			-
<u>Maturity Group VI</u>										
USG	620NRR	59.8	3	59.4	10/06	37	3.0	.	.	1.0
Public Variety	Hutcheson	59.8	12	52.0	10/02	35	1.3	.	.	1.0
Vigoro	V622NRR	58.4	6	55.2	10/05	37	2.0	.	.	1.0
SS	RT6202N	57.0	15	50.2	10/05	37	2.3	.	.	1.0
DPL	DP6215RR	55.4	11	52.3	10/04	35	3.7	.	.	1.0
Public Variety	NC Roy	54.8	4	57.7	10/07	35	4.0	.	.	1.0
SS	RT6630N	53.9	16	49.9	10/07	40	1.3	.	.	1.0
Garst	6333RR/N	53.6	19	47.8	10/03	37	2.0	.	.	1.0
Public Variety	Desha	52.6	14	50.8	10/04	41	2.0	.	.	1.0
Garst	6612RR/N	47.3	21	40.5	10/10	39	2.0	.	.	1.0
Public Variety	Musen	46.1	20	44.9	10/12	42	2.7	.	.	1.0
DPL	DP6880RR	46.1	22	39.0	10/09	41	5.0	.	.	1.0
AgSouth	AGS BoggsRR	34.6	24	33.7	10/05	37	2.7	.	.	1.0
Hornbeck	HBK R5924	.	1	63.2	10/05	33	3.0	.	.	1.0
Pioneer	96M60	.	2	61.0	10/04	39	2.3	.	.	1.0

Plains, Georgia:
Early-Planted Soybean Variety Performance, 2005, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2005 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 - continued</u>										
Hornbeck	S010825R	.	5	55.5	10/07	40	2.3	.	.	1.0
DPL	DPX6568RR	.	7	54.5	10/06	41	1.7	.	.	1.0
USG	7635nRR	.	8	54.4	10/05	37	1.3	.	.	1.0
Asgrow	AG6702	.	9	54.1	10/10	38	2.3	.	.	1.0
Hornbeck	S010816R	.	10	52.6	10/06	39	1.3	.	.	1.0
Hornbeck	S010689R	.	13	51.0	10/05	42	2.0	.	.	1.0
Vigoro	V67N6RR	.	17	49.4	10/08	38	3.0	.	.	1.0
Public Variety	R97-1634	.	18	48.6	10/05	31	2.7	.	.	1.0
SS	RT6451N	.	23	35.5	10/03	39	2.0	.	.	1.0
Average		52.3		50.5 ⁷	10/06	38	2.4	.	.	1.0
LSD at 10% Level		8.1		8.4	02	3	0.6			-
Std. Err. of Entry Mean		2.6		3.5	01	1	0.2			-
<u>Maturity Group VII and VIII</u>										
AgSouth	Haskell	60.8	1	65.0	10/14	35	3.0	.	.	1.3
UGA	G00-3880	59.8	3	61.8	10/15	40	3.3	.	.	1.3
Public Variety	NC Raleigh	58.4	8	58.5	10/17	34	3.7	.	.	1.3
DPL	DP7870RR	56.6	2	64.6	10/14	43	3.0	.	.	1.0
USG	7732nRR	56.2	12 ^T	55.3	10/15	40	2.7	.	.	1.3
Vigoro	V74N4RR	55.9	5 ^T	59.5	10/13	47	3.0	.	.	1.3
Public Variety	Kuell	55.7	12 ^T	55.3	10/20	37	4.0	.	.	1.0
NK	S80-P2	55.0	5 ^T	59.5	10/16	39	2.0	.	.	1.3
AgSouth	Benning	54.9	6	59.2	10/11	39	2.0	.	.	1.0
USG	7743nRR	54.7	18	52.5	10/13	45	3.7	.	.	1.3
Vigoro	V71N4RR	54.5	16	53.3	10/15	37	2.7	.	.	3.0
Public Variety	Cook	54.1	14	54.8	10/16	36	4.0	.	.	1.7
Asgrow	AG7601	53.5	26	49.7	10/18	43	3.3	.	.	1.0
DynaGro	34J71	53.0	17	52.8	10/12	34	2.3	.	.	2.0
DPL	DP7220RR	52.8	4	59.7	10/14	39	3.0	.	.	1.0
AgSouth	AGS 758RR	52.0	15	53.5	10/12	35	3.7	.	.	1.3
AgSouth	AGS 751	50.3	19 ^T	52.4	10/12	43	3.7	.	.	1.0
DeKalb	H7242RR	50.2	31	48.5	10/11	43	2.0	.	.	1.0
Pioneer	97B52	50.1	11	55.5	10/12	37	4.0	.	.	1.3
Public Variety	Motte	49.8	22	51.1	10/19	43	3.0	.	.	1.0
Public Variety	Santee	49.4	19 ^T	52.4	10/10	42	2.7	.	.	1.0
Public Variety	Musen	45.9	20	51.9	10/15	43	2.0	.	.	1.0
AgSouth	AGS 825RR	43.4	37	41.7	10/16	42	2.7	.	.	1.3
NK	S76-L9	43.0	36	45.3	10/15	42	2.0	.	.	1.0
SS	RT7499N	42.4	29 ^T	49.3	10/14	43	3.0	.	.	1.3
AgSouth	Prichard	38.7	39	39.9	10/19	41	3.3	.	.	1.0
AgSouth	Prichard RR	36.7	35	46.5	10/19	42	3.3	.	.	1.0
NARO	L-Star	34.5	41	33.1	10/13	35	2.3	.	.	4.0
UGA	G00-3364	.	7	59.0	10/15	42	2.0	.	.	1.0
NK	X577R	.	9	56.4	10/16	39	2.7	.	.	1.7

**Plains, Georgia:
Early-Planted Soybean Variety Performance, 2005, Irrigated
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield	2005 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII - continued</u>										
UGA	G00-3209	.	10	56.3	10/15	41	1.7	.	.	1.0
DPL	DPXC00-73303RR	.	13	54.9	10/11	41	2.3	.	.	1.3
UGA	G03-952	.	21	51.3	10/17	40	2.0	.	.	1.3
Public Variety	SC01-819	.	23	50.9	10/18	44	1.0	.	.	1.0
SS	RT7355N	.	24 ^T	50.8	10/16	40	1.3	.	.	2.0
UGA	G00-3213	.	24 ^T	50.8	10/13	39	2.0	.	.	1.3
UGA	G00-3322	.	25	49.9	10/16	41	1.7	.	.	1.0
UGA	G03-695	.	27	49.6	10/17	38	2.7	.	.	1.7
UGA	G03-926	.	28	49.4	10/15	43	2.7	.	.	1.0
Public Variety	SC01-783	.	29 ^T	49.3	10/14	40	1.0	.	.	1.0
UGA	G04-G2261	.	30	48.8	10/17	34	3.7	.	.	2.0
UGA	G00-4071	.	32	48.4	10/18	40	3.0	.	.	1.3
Public Variety	SC01-803	.	33	48.3	10/02	41	2.3	.	.	2.0
UGA	G03-364	.	34	47.4	10/11	42	3.3	.	.	1.0
Public Variety	Tyrone	.	38	41.6	10/02	69	3.7	.	.	1.0
USDA	8GH61-1-1GPL	.	40	35.7	10/16	65	2.7	.	.	1.3
Average		50.8		51.8 ⁸	10/14	41	2.7	.	.	1.4
LSD at 10% Level		8.2		7.2	06	3	0.8			0.8
Std. Err. of Entry Mean		2.1		3.0	02	1	0.4			0.3

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 = 12.6% and df for EMS = 50.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 12.1% and df for EMS = 46.
8. CV = 10.2% 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 23, 2005.

Harvested: October 25, 2005.

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

Soil Type: Greenville sandy clay loam.

Soil Test: P = Medium, K = Very High, and pH = 5.4.

Fertilization: 16 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.

Previous Crop: Cotton.

Management: Subsoiled and rototilled; Treflan, Lasso, and First Rate used for weed control; Karate and Tracer used for insect control; Folicur and Headline used for Soybean Asian Rust prevention; irrigated 4.0 inches.

Test conducted by A. E. Coy, R. Bennett, R. Brooke, and R. Pines.

Plains, Georgia: Late-Planted Soybean Variety Performance, 2005, Irrigated

Company or Brand Name	Variety	2-Year Average Yield	2005 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>										
DPL	DP7870RR	51.0	6	51.9	10/15	43	2.7	11.6	2.0	1.0
AgSouth	Haskell	50.7	1	57.2	10/17	37	2.3	15.2	2.0	1.0
Public Variety	NC Raleigh	50.7	7 ^T	51.4	10/24	39	4.0	13.2	2.2	1.3
USG	7732nRR	50.2	13	49.8	10/18	39	1.7	13.6	2.0	1.3
Public Variety	Cook	50.1	4	54.3	10/19	39	2.7	15.1	1.8	1.0
UGA	G00-3880	49.0	2	56.1	10/16	40	2.7	12.8	1.5	1.0
Vigoro	V71N4RR	47.8	11 ^T	50.6	10/17	30	1.0	10.4	1.7	1.0
DynaGro	34J71	45.3	24 ^T	46.4	10/15	33	2.7	11.4	1.8	1.0
Pioneer	97B52	45.0	11 ^T	50.6	10/16	39	2.7	13.6	2.0	1.0
Asgrow	AG7601	44.3	33	40.4	10/21	43	2.7	12.2	2.2	1.0
Public Variety	Kuell	43.9	19	47.4	10/25	46	3.0	12.9	2.5	1.0
USG	7743nRR	43.7	28	44.5	10/15	41	1.3	12.0	2.0	1.0
AgSouth	AGS 758RR	43.6	27 ^T	44.7	10/13	36	2.7	11.3	2.0	1.0
AgSouth	Benning	43.5	21	47.2	10/15	41	2.7	12.9	1.8	1.0
Public Variety	Santee	43.3	15	48.5	10/15	37	1.0	12.4	1.5	1.3
Public Variety	N7001	43.2	10	51.1	10/04	32	2.0	12.1	1.7	1.0
SS	RT7499N	43.0	7 ^T	51.4	10/19	41	1.7	11.4	1.8	1.0
Public Variety	Motte	42.7	20	47.3	10/19	37	2.0	12.8	2.2	1.0
AgSouth	AGS 751	41.8	24 ^T	45.4	10/15	42	3.0	13.6	2.0	1.0
DeKalb	H7242RR	41.8	32 ^T	41.1	10/15	43	2.0	11.4	1.5	1.0
DPL	DP7220RR	41.6	5	53.2	10/18	42	2.7	12.4	1.8	1.0
NK	S80-P2	41.1	27 ^T	44.7	10/22	41	1.3	14.0	2.5	1.7
Vigoro	V74N4RR	40.8	31	41.7	10/16	42	1.3	11.1	2.0	1.0
NK	S76-L9	40.7	25	45.1	10/18	37	1.3	13.0	1.8	1.0
AgSouth	Prichard RR	39.3	29	43.2	10/25	41	2.3	12.8	2.5	1.0
AgSouth	Prichard	39.0	32 ^T	41.1	10/25	43	3.3	12.0	2.8	1.0
AgSouth	AGS 825RR	38.2	39	36.6	10/21	41	2.0	13.1	2.0	1.0
Public Variety	Musen	37.5	30 ^T	42.3	10/17	38	2.7	13.3	2.2	1.0
NARO	L-Star	26.4	41	25.3	10/14	38	1.7	21.1	2.5	4.0
UGA	G00-3213	.	3	55.9	10/18	39	1.7	11.4	1.8	1.0
UGA	G00-3322	.	8	51.3	10/03	39	1.3	12.6	2.0	1.0
UGA	G00-4071	.	9	51.2	10/20	40	3.0	12.5	2.0	1.3
NK	X577R	.	12	50.5	10/21	41	2.0	16.3	2.7	1.0
UGA	G04-G2261	.	14	49.6	10/16	36	2.7	13.6	2.0	1.0
UGA	G00-3364	.	16	48.1	10/18	41	2.7	12.5	2.3	1.0
UGA	G03-364	.	17	48.0	10/15	39	2.3	10.9	1.8	1.0
UGA	G03-952	.	18	47.5	10/18	42	1.7	14.6	2.2	1.0
UGA	G00-3209	.	22	46.8	10/19	39	2.0	11.6	2.0	1.0
DPL	DPXC00-73303RR	.	23	46.5	10/14	41	2.3	12.7	2.2	1.0
UGA	G03-695	.	26	44.9	10/18	41	2.3	13.5	2.0	1.0

**Plains, Georgia:
Late-Planted Soybean Variety Performance, 2005, Irrigated
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield	2005 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII - continued</u>										
SS	RT7355N	.	30 ^T	42.3	10/17	37	1.7	11.0	2.2	1.3
Public Variety	SC01-803	.	34	39.8	10/20	41	1.0	12.6	2.5	1.3
Public Variety	SC01-819	.	35	39.6	10/18	42	1.0	11.1	2.0	1.0
UGA	G03-926	.	36	39.5	10/17	43	2.7	12.2	1.8	1.0
Public Variety	SC01-783	.	37	38.5	10/17	39	1.0	11.1	1.8	1.0
Public Variety	Tyrone	.	38	37.9	10/12	58	2.7	12.2	2.2	1.0
USDA	8GH61-1-1GPL	.	40	29.0	10/26	55	2.3	16.5	4.0	1.0
Average		43.4		45.9 ⁵	10/17	40	2.2	12.8	2.1	1.1
LSD at 10% Level		8.1		6.9	06	3	0.7	1.7	0.5	0.3
Std. Err. of Entry Mean		1.9		2.9	02	1	0.3	0.7	0.2	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 = 11.1% 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 17, 2005.

Harvested: October 27, 2005.

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

Soil Type: Greenville sandy clay loam.

Soil Test: P = Medium, K = Very High, and pH = 5.4.

Fertilization: 16 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.

Previous Crop: Cotton.

Management: Subsoiled and rototilled; Treflan, Lasso, and First Rate used for weed control; Karate and Tracer used for insect control; Folicur and Headline used for Soybean Asian Rust prevention; irrigated 4.0 inches.

Test conducted by A. E. Coy, R. Bennett, R. Brooke, and R. Pines.

Midville, Georgia: Early-Planted Soybean Variety Performance, 2005, Irrigated

Company or Brand Name	Variety	2-Year Average Yield	2005 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group V</u>										
SS	RT5540N	56.4	3	62.7	09/27	35	1.0	.	.	1.3
SS	RT5930N	55.4	2	63.9	10/04	30	1.0	.	.	2.7
DPL	DP5915RR	55.3	7	57.8	09/29	31	1.0	.	.	1.3
Public Variety	Caviness	54.4	9	57.5	09/28	28	1.0	.	.	1.7
SS	RT5999N	53.9	5	60.2	09/30	36	1.0	.	.	1.0
Public Variety	CavinessRR	53.8	15	54.1	09/28	28	1.0	.	.	1.7
USG	USG 7582nRR	53.2	4	61.0	10/01	33	1.0	.	.	3.0
DPL	DP5634RR	51.6	22	49.0	09/26	30	1.0	.	.	1.0
Public Variety	Ozarks	51.2	14	55.8	09/26	26	1.0	.	.	1.0
Public Variety	Lonoke	51.1	16 ^T	53.2	09/30	28	1.0	.	.	1.0
Terral	TV56R12	50.6	10	57.0	09/26	35	1.0	.	.	1.0
Public Variety	UARK5896	50.5	21	49.7	09/27	27	1.0	.	.	1.3
Public Variety	Hutcheson	48.7	19	52.0	09/27	29	1.0	.	.	1.7
Public Variety	UA4805	47.9	17	52.4	09/25	24	1.0	.	.	1.7
SS	RT5730N	42.3	16 ^T	53.2	09/24	23	1.0	.	.	1.0
Asgrow	AG5905	.	1	67.2	09/28	35	1.0	.	.	1.7
SS	RT5951N	.	6	59.6	09/27	32	1.0	.	.	1.0
AgSouth	AGS533RR	.	8 ^T	57.6	09/26	27	1.0	.	.	1.7
Pioneer	95M81	.	8 ^T	57.6	09/27	31	1.0	.	.	1.0
Virginia Tech	Teejay	.	11	56.7	09/25	25	1.0	.	.	2.3
SS	RT5450N	.	12	56.6	09/28	27	1.0	.	.	2.0
SS	RT5651N	.	13	56.2	09/29	32	1.0	.	.	1.3
AgSouth	AGS568RR	.	18 ^T	52.2	09/26	28	1.0	.	.	1.3
Terral	TV56R45	.	18 ^T	52.2	09/29	27	1.0	.	.	1.0
DynaGro	36N57	.	20	50.3	09/25	25	1.0	.	.	1.0
Average		51.8		56.2 ⁵	09/27	29	1.0	.	.	1.5
LSD at 10% Level		N.S. ⁶		6.7	02	3	-			0.6
Std. Err. of Entry Mean		2.0		2.9	01	1	-			0.3
<u>Maturity Group VI</u>										
SS	RT6630N	61.8	2 ^T	63.1	10/07	27	1.0	.	.	1.0
Vigoro	V622NRR	58.5	3	62.8	10/01	28	1.0	.	.	1.0
USG	620NRR	57.0	9	58.5	10/04	29	1.0	.	.	1.0
Garst	6333RR/N	56.3	6	59.8	10/05	31	1.0	.	.	1.3
SS	RT6202N	55.6	15 ^T	55.4	10/03	30	1.0	.	.	1.0
Public Variety	Musen	53.9	8	59.3	10/15	31	1.0	.	.	1.0
Public Variety	NC Roy	53.6	7	59.5	10/10	31	1.0	.	.	1.0
Public Variety	Hutcheson	52.3	15 ^T	55.4	10/05	22	1.0	.	.	2.0
DPL	DP6215RR	51.0	13 ^T	56.1	10/02	35	1.0	.	.	1.3
AgSouth	AGS BoggsRR	50.9	13 ^T	56.1	10/09	27	1.0	.	.	1.3
Garst	6612RR/N	50.7	14	55.9	10/13	33	1.0	.	.	1.0
DPL	DP6880RR	50.0	13 ^T	56.1	10/10	32	1.0	.	.	1.0
Public Variety	Desha	49.3	17 ^T	54.2	10/04	29	1.0	.	.	1.3
DPL	DPX6568RR	.	1	66.3	10/06	24	1.0	.	.	1.7
Hornbeck	HBK R5924	.	2 ^T	63.1	10/03	27	1.0	.	.	1.3

Midville, Georgia:
Early-Planted Soybean Variety Performance, 2005, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2005 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 - continued</u>										
Pioneer	96M60	.	4	61.1	10/04	33	1.0	.	.	1.3
Public Variety	R97-1634	.	5	60.9	10/06	24	1.0	.	.	2.3
Hornbeck	S010825R	.	10	58.3	10/05	26	1.0	.	.	1.7
Hornbeck	S010816R	.	11	58.2	10/09	25	1.0	.	.	2.0
SS	RT6451N	.	12	57.2	10/08	33	1.0	.	.	1.0
Hornbeck	S010689R	.	16	54.5	10/07	30	1.0	.	.	2.0
Asgrow	AG6702	.	17 ^T	54.2	10/13	31	1.0	.	.	1.0
USG	7635nRR	.	18	53.1	10/07	26	1.0	.	.	1.0
Vigoro	V67N6RR	.	19	52.4	10/11	27	1.0	.	.	1.3
Average		53.9		58.0 ⁷	10/07	29	1.0	.	.	1.3
LSD at 10% Level		5.0		N.S.	04	4	-			0.5
Std. Err. of Entry Mean		2.0		3.0	01	2	-			0.2
<u>Maturity Group VII and VIII</u>										
Public Variety	Motte	53.2	4	57.4	10/22	33	1.3	.	.	1.0
Public Variety	Santee	52.2	3	57.5	10/15	24	1.3	.	.	1.0
AgSouth	Benning	51.9	6	54.5	10/13	33	1.0	.	.	1.0
DPL	DP7220RR	51.8	7	54.2	10/15	35	1.0	.	.	1.0
Pioneer	97B52	51.5	17	51.2	10/11	33	2.7	.	.	1.0
UGA	G00-3880	50.4	15	51.6	10/17	30	1.3	.	.	1.0
Vigoro	V71N4RR	49.7	11	52.9	10/11	31	1.0	.	.	1.0
DynaGro	34J71	49.1	24 ^T	47.3	10/16	25	1.0	.	.	1.0
Public Variety	NC Raleigh	48.8	26	46.6	10/16	32	1.3	.	.	1.0
AgSouth	AGS 751	47.9	19	50.4	10/13	37	2.0	.	.	1.0
NK	S80-P2	47.8	10	53.0	10/19	33	1.0	.	.	1.0
AgSouth	AGS 758RR	47.6	29	46.2	10/12	29	1.0	.	.	1.0
Public Variety	Musen	47.1	8	54.1	10/13	33	1.3	.	.	1.0
DeKalb	H7242RR	46.8	16	51.3	10/13	37	1.0	.	.	1.0
Public Variety	Kuell	46.3	14	51.8	10/25	36	1.3	.	.	1.3
DPL	DP7870RR	46.1	9	53.4	10/16	35	1.3	.	.	1.0
NK	S76-L9	45.7	21	49.8	10/18	31	1.0	.	.	1.0
AgSouth	Prichard	45.2	13 ^T	52.2	10/29	34	3.0	.	.	2.0
USG	7732nRR	43.6	41	39.6	10/15	34	1.0	.	.	1.0
AgSouth	AGS 825RR	43.4	31 ^T	45.2	10/20	35	2.3	.	.	1.7
Vigoro	V74N4RR	43.3	23	47.6	10/14	39	1.3	.	.	1.0
SS	RT7499N	43.2	30	45.9	10/13	37	1.0	.	.	1.0
Public Variety	Cook	43.1	36	43.8	10/16	35	1.0	.	.	1.0
USG	7743nRR	42.2	24 ^T	47.3	10/13	36	1.3	.	.	1.0
Asgrow	AG7601	41.6	40	39.9	10/21	35	1.3	.	.	1.3
AgSouth	Haskell	41.5	39	40.7	10/14	29	1.7	.	.	1.0
AgSouth	Prichard RR	40.6	28	46.3	10/28	37	2.7	.	.	1.3
NARO	L-Star	26.7	43	29.2	10/16	29	1.7	.	.	3.0
UGA	G00-3364	.	1	61.1	10/20	33	1.0	.	.	1.3
UGA	G00-3322	.	2	58.1	10/21	28	1.0	.	.	1.7

Midville, Georgia: Early-Planted Soybean Variety Performance, 2005, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2005 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII - continued</u>										
NK	X577R	.	5	56.4	10/14	34	1.0	.	.	1.0
UGA	G00-3213	.	12	52.5	10/16	29	1.0	.	.	1.0
DPL	DPXC00-73303RR	.	13 ^T	52.2	10/13	29	1.0	.	.	1.0
UGA	G00-3209	.	18	50.5	10/21	29	1.0	.	.	1.7
UGA	G00-4071	.	20	50.1	10/19	32	1.0	.	.	1.0
UGA	G03-952	.	22	48.8	10/19	35	1.1	.	.	1.0
UGA	G03-364	.	25	46.9	10/14	29	1.3	.	.	1.0
UGA	G04-G2261	.	27	46.4	10/15	30	1.3	.	.	1.0
Public Variety	Tyrone	.	31 ^T	45.2	10/05	64	3.3	.	.	1.0
SS	RT7355N	.	32	44.9	10/15	29	1.0	.	.	1.0
UGA	G03-926	.	33	44.8	10/14	37	1.3	.	.	1.0
UGA	G03-695	.	34	44.5	10/18	36	1.7	.	.	1.0
Public Variety	SC01-819	.	35	44.4	10/14	33	1.0	.	.	1.0
Public Variety	SC01-803	.	37	43.1	10/17	37	1.0	.	.	1.0
Public Variety	SC01-783	.	38	40.9	10/14	30	1.0	.	.	1.0
USDA	8GH61-1-1GPL	.	42	30.4	10/24	56	2.3	.	.	1.7
Average		46.0		48.3 ⁸	10/16	34	1.4	.	.	1.2
LSD at 10% Level		7.4		7.0	03	6	0.5			0.4
Std. Err. of Entry Mean		2.2		3.0	01	2	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 = 8.9% and df for EMS = 51.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 9.1% and df for EMS = 46.
8. CV = 10.6% 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 24, 2005.

Harvested: November 3 & 4, 2005.

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

Soil Type: Dothan loamy sand.

Soil Test: P = Medium, K = Low, and pH = 5.6.

Fertilization: 18 lb N, 54 lb P₂O₅, and 108 lb K₂O/acre.

Previous Crop: Cotton.

Management: Subsoiled and bedded, and rototilled; Prowl, Basagran, Blazer, Select, and Classic used for weed control; Tracer and Karate used for insect control; Headline used for Soybean Asian Rust prevention; irrigated 9.0 inches.

Test conducted by A. E. Coy, R. Bennett, R. Brooke, and R. Jackson.

Griffin, Georgia: Early-Planted Soybean Variety Performance, 2005, Irrigated

Company or Brand Name	Variety	2-Year Average Yield	2005 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>										
Public Variety	Ozarks	55.1	3	55.0	09/25	21	1.0	14.2	1.3	1.0
DPL	DP5915RR	55.1	13	48.4	09/25	23	1.0	12.3	1.0	1.0
SS	RT5540N	53.3	11	50.0	09/25	25	1.0	13.6	1.7	1.0
USG	USG 7582nRR	52.0	8	51.6	09/27	26	1.0	12.8	1.5	1.0
SS	RT5930N	51.9	1	56.3	09/23	24	1.0	12.6	1.5	1.0
DPL	DP5634RR	49.7	19	44.8	09/23	24	1.3	13.5	1.3	1.0
Public Variety	Hutcheson	49.2	21	42.2	09/25	20	1.0	14.9	1.5	1.0
Terral	TV56R12	48.1	10	50.6	09/25	25	1.7	11.9	1.3	1.0
Public Variety	UA4805	48.1	24	38.9	09/22	17	1.0	12.3	1.2	1.0
Public Variety	UARK5896	47.0	12	49.0	09/25	23	1.0	13.0	1.0	1.0
SS	RT5730N	46.9	22	40.8	09/25	21	1.3	12.6	1.5	1.0
SS	RT5999N	46.3	16	46.1	09/27	30	1.0	14.3	1.3	1.0
Public Variety	Lonoke	43.6	21	43.1	09/27	23	1.0	11.2	1.2	1.0
Public Variety	CavinessRR	43.2	18	45.1	09/25	22	1.3	14.8	1.5	1.0
Public Variety	Caviness	43.1	23	40.2	09/25	24	1.7	14.2	2.2	1.0
Virginia Tech	Teejay	.	2	55.5	09/22	19	1.0	16.1	1.3	1.0
AgSouth	AGS568RR	.	4	52.4	09/25	21	1.0	13.2	1.0	1.0
Pioneer	95M81	.	5	51.9	09/23	23	1.0	12.8	1.2	1.0
Terral	TV56R45	.	6	51.8	09/25	17	1.0	14.1	1.3	1.0
SS	RT5651N	.	7	51.7	09/25	27	1.0	14.1	1.3	1.0
Asgrow	AG5905	.	9	51.2	09/26	25	1.0	11.1	1.2	1.0
SS	RT5951N	.	14	46.8	09/25	25	1.0	14.7	1.2	1.0
SS	RT5450N	.	15	46.6	09/24	23	1.0	13.5	1.5	1.0
DynaGro	36N57	.	17	46.0	09/12	22	1.0	11.8	1.8	1.0
AgSouth	AGS533RR	.	25	32.7	09/23	19	1.0	12.5	1.3	1.0
Average		48.8		47.5 ⁵	09/24	23	1.1	13.3	1.4	1.0
LSD at 10% Level		N.S. ⁶		7.4	N.S.	4	0.4	1.9	0.5	-
Std. Err. of Entry Mean		2.3		3.1	02	2	0.2	0.8	0.2	-
<u>Maturity Group VI</u>										
Public Variety	NC Roy	61.7	3 ^T	53.6	10/14	27	2.0	11.4	1.5	1.0
DPL	DP6215RR	56.5	2	57.2	10/14	25	1.3	12.1	1.0	1.0
USG	620NRR	54.1	8	48.0	10/13	24	1.0	11.0	1.3	1.0
Garst	6333RR/N	52.7	16	44.5	10/14	27	1.0	12.7	1.5	1.0
SS	RT6630N	51.9	10	46.9	10/14	24	1.0	11.7	1.3	1.0
DPL	DP6880RR	50.4	20	41.5	10/15	28	1.7	11.2	1.0	1.0
Vigoro	V622NRR	49.5	11	46.8	10/12	24	1.0	11.7	1.0	1.0
SS	RT6202N	49.3	12	46.5	10/12	24	1.0	13.9	1.3	1.0
AgSouth	AGS BoggsRR	48.2	9	47.6	10/15	20	1.0	9.5	1.0	1.0
Public Variety	Desha	48.0	19	42.2	10/12	23	1.0	12.3	1.0	1.0

**Griffin, Georgia:
Early-Planted Soybean Variety Performance, 2005, Irrigated
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield	2005 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> - continued										
Public Variety	Hutcheson	47.4	18	43.8	10/12	20	1.0	13.4	1.0	1.0
Public Variety	Musen	45.5	17	44.3	10/16	29	2.0	12.2	1.5	1.0
Garst	6612RR/N	44.4	23	37.6	10/16	24	1.0	10.8	1.3	1.0
Pioneer	96M60	.	1	61.2	10/13	29	1.0	12.4	1.3	1.0
Vigoro	V67N6RR	.	3 ^T	53.6	10/16	28	1.0	12.2	1.7	1.0
DPL	DPX6568RR	.	4	53.1	10/15	27	1.3	10.8	1.5	1.0
Hornbeck	S010825R	.	5	52.1	10/13	25	1.3	10.9	1.0	1.0
SS	RT6451N	.	6	49.2	10/14	26	1.0	10.3	1.3	1.0
Hornbeck	S010689R	.	7	48.9	10/14	28	1.0	12.5	1.5	1.0
Asgrow	AG6702	.	13	46.3	10/15	30	1.0	11.2	1.7	1.0
Hornbeck	HBK R5924	.	14	45.9	10/12	24	1.7	12.1	1.3	1.0
Public Variety	R97-1634	.	15	45.4	10/13	22	1.0	13.6	1.5	1.0
Hornbeck	S010816R	.	21	41.2	10/14	26	1.0	11.0	1.5	1.0
USG	7635nRR	.	22	40.5	10/14	24	1.0	13.1	1.3	1.0
Average		50.7		47.4 ⁷	10/14	25	1.2	11.8	1.3	1.0
LSD at 10% Level		7.8		5.7	02	5	N.S.	N.S.	N.S.	-
Std. Err. of Entry Mean		2.7		2.4	01	2	0.3	0.8	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 = 11.4% and df for EMS = 50.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 8.8% and df for EMS = 46.

Bolding within each test denotes entries with yields equal to the highest yielding entry based on Fisher's

Planted: May 17, 2005.

Harvested: October 20, 2005.

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

Soil Type: Pacolet coarse sandy loam.

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

Fertilization: 28 lb N, 56 lb P₂O₅, and 84 lb K₂O/acre.

Previous Crop: Corn.

Management: Chisel plowed, disked, and rototilled; Scepter, Classic, Lasso, and one cultivation used for weed control; Folicur and Headline used for Soybean Asian Rust prevention; irrigated 2.0 inches.

Test conducted by P. A. Rose.

Griffin, Georgia: Late-Planted Soybean Variety Performance, 2005, Irrigated

Company or Brand Name	Variety	2-Year Average Yield	2005 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>										
AgSouth	AGS 758RR	31.5	7	28.4	10/13	36	1.0	10.2	1.2	1.0
AgSouth	Benning	30.3	9	28.2	10/15	37	2.0	11.5	1.8	1.0
AgSouth	Haskell	29.3	5	29.3	10/23	29	4.0	13.4	1.5	1.0
AgSouth	AGS 751	28.9	18 ^T	24.3	10/17	31	1.3	10.7	1.5	1.0
Public Variety	NC Raleigh	27.2	28 ^T	21.1	10/19	35	2.0	10.3	1.3	1.3
UGA	G00-3880	26.2	12	27.3	10/16	31	1.0	10.9	1.2	1.0
DPL	DP7220RR	26.1	1	32.6	11/04	33	1.0	11.9	1.8	1.0
Vigoro	V74N4RR	25.4	29	20.8	10/16	31	1.0	9.7	1.5	1.3
DeKalb	H7242RR	24.7	24	22.3	10/16	34	1.3	11.1	2.2	1.3
NK	S76-L9	24.4	27	21.6	10/24	37	2.3	11.1	1.7	1.0
Public Variety	Santee	24.2	14	26.4	10/16	32	2.0	10.7	1.3	1.0
USG	7743nRR	24.2	16	25.2	10/15	31	1.0	9.7	1.0	1.0
NK	S80-P2	23.7	19	23.8	10/28	35	1.3	12.8	2.3	1.0
DPL	DP7870RR	23.7	21 ^T	23.3	10/21	35	2.3	11.0	1.3	1.0
USG	7732nRR	23.1	8	28.3	10/27	32	2.0	12.4	1.3	1.0
Public Variety	Kuell	22.8	36 ^T	17.8	10/22	38	1.7	12.7	1.7	1.0
DynaGro	34J71	22.4	15	26.1	10/15	29	1.3	9.7	1.0	1.0
Public Variety	Cook	22.3	13	26.9	10/24	35	1.3	12.7	1.8	1.3
AgSouth	AGS 825RR	22.3	21 ^T	23.3	11/08	33	1.0	12.4	1.5	1.0
Asgrow	AG7601	20.7	32	19.8	11/01	36	1.3	11.5	1.8	1.0
Public Variety	N7001	20.0	31	20.1	10/17	34	2.0	13.0	2.2	1.0
Public Variety	Motte	19.8	23 ^T	22.6	10/27	36	2.3	11.8	1.3	1.0
Pioneer	97B52	19.2	23 ^T	22.6	10/25	36	3.0	12.5	1.3	1.0
Vigoro	V71N4RR	18.9	22	22.8	10/19	28	1.0	9.4	1.5	1.0
AgSouth	Prichard RR	18.1	41	9.4	10/25	32	2.3	12.5	1.5	1.0
AgSouth	Prichard	17.7	39	12.5	10/25	36	1.0	12.5	1.7	1.0
SS	RT7499N	17.1	20	23.6	10/28	30	1.0	11.6	1.5	1.0
Public Variety	Musen	15.4	18 ^T	24.3	10/19	34	1.7	9.9	1.7	1.0
NARO	L-Star	13.7	40	11.7	10/23	27	1.3	17.3	2.7	3.3
UGA	G00-3213	.	2	32.5	10/23	34	1.7	11.8	1.5	1.0
UGA	G00-3209	.	3	32.3	10/31	35	1.3	12.8	1.7	1.0
UGA	G03-364	.	4	29.9	10/20	35	1.3	11.8	1.8	1.3
UGA	G00-4071	.	6	28.7	10/25	33	1.0	11.3	1.2	1.0
UGA	G00-3364	.	10	28.0	10/26	33	1.0	13.1	1.7	1.3
SS	RT7355N	.	11	27.6	10/19	34	1.3	10.5	1.3	1.0
DPL	DPXC00-73303RR	.	17	25.0	10/14	34	1.7	11.1	1.5	1.0
UGA	G03-695	.	25	22.2	10/18	32	1.3	11.9	2.0	1.0
UGA	G03-926	.	26	22.0	10/27	33	1.7	11.6	1.7	1.0
UGA	G04-G2261	.	28 ^T	21.1	10/19	31	1.7	11.0	1.5	1.0
Public Variety	SC01-803	.	30 ^T	20.4	11/08	37	1.0	11.9	1.7	1.0

**Griffin, Georgia:
Late-Planted Soybean Variety Performance, 2005, Irrigated
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield	2005 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
<u>Maturity Group VII and VIII -continued</u>										
UGA	G00-3322	.	30 ^T	20.4	10/28	34	1.7	12.0	2.0	1.0
Public Variety	SC01-819	.	33	19.5	11/04	35	2.0	12.1	1.7	1.0
UGA	G03-952	.	34	19.3	11/04	29	1.0	12.5	1.7	1.0
NK	X577R	.	35	18.4	11/04	32	1.0	14.2	2.7	1.0
Public Variety	SC01-783	.	36 ^T	17.8	10/18	30	1.0	11.8	1.5	1.0
Public Variety	Tyrone	.	37	16.6	10/15	51	2.3	12.2	2.0	1.3
USDA	8GH61-1-1GPL	.	38	13.4	10/25	38	1.3	16.0	2.8	1.0
Average		22.9		23.0 ⁵	10/23	34	1.6	11.8	1.7	1.1
LSD at 10% Level		N.S. ⁶		4.2	11	4	1.1	1.4	0.6	0.3
Std. Err. of Entry Mean		1.8		1.8	05	2	0.5	0.6	0.2	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 = 13.5% and df for EMS = 92.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

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

Planted: June 23, 2005

Harvested: November 11, 2005.

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

Soil Type: Pacolet coarse sandy loam.

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

Fertilization: 28 lb N, 56 lb P₂O₅, and 84 lb K₂O/acre.

Previous Crop: Corn.

Management: Chisel plowed, disked, and rototilled; Scepter, Classic, Lasso, and one cultivation used for weed control; Folicur and Headline used for Soybean Asian Rust prevention; irrigated 3.0 inches.

Test conducted by P. A. Rose.

Athens, Georgia: Early-Planted Soybean Variety Performance, 2005, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2005 Data						
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
<u>Maturity Group V</u>									
SS	RT5540N	64.9	9 ^T	68.9	10/02	40	2.0	15.6	2.5
DPL	DP5915RR	64.2	14	65.8	10/03	37	2.0	15.7	2.0
Public Variety	Ozarks	63.0	13 ^T	66.0	09/29	30	1.0	17.1	2.5
Terral	TV56R12	62.4	8	69.3	10/03	39	2.0	13.8	2.3
Public Variety	CavinessRR	61.8	5	69.7	09/30	33	1.3	16.6	2.7
USG	USG 7582nRR	61.6	7	69.4	10/03	35	1.0	15.2	2.5
Public Variety	Hutcheson	61.5	9 ^T	68.9	09/30	34	1.0	15.7	2.3
DPL	DP5634RR	60.9	18	63.9	10/01	37	2.0	16.0	1.8
Public Variety	UA4805	60.7	15	65.3	09/25	29	1.7	12.7	2.3
SS	RT5930N	60.3	9 ^T	68.9	10/03	36	1.0	15.0	2.2
SS	RT5999N	59.2	21	62.7	10/02	41	1.3	16.6	2.2
Public Variety	Caviness	58.0	3	71.1	10/03	34	2.3	16.3	2.3
Public Variety	Lonoke	57.6	12	67.1	10/04	34	1.7	14.1	2.0
Public Variety	UARK5896	55.1	16	64.7	10/01	29	1.3	16.3	2.3
SS	RT5730N	54.3	10	68.7	09/29	32	1.7	15.8	2.0
Virginia Tech	Teejay	.	1	72.4	09/25	33	1.7	18.1	2.7
Terral	TV56R45	.	2	71.3	10/03	32	1.3	15.5	2.3
Asgrow	AG5905	.	4	70.3	10/03	39	1.0	14.2	2.2
AgSouth	AGS533RR	.	6	69.6	09/26	35	1.3	15.0	2.3
AgSouth	AGS568RR	.	11 ^T	68.5	10/02	33	2.0	16.0	2.2
DynaGro	36N57	.	11 ^T	68.5	09/25	33	1.7	16.1	2.0
SS	RT5450N	.	13 ^T	66.0	09/27	32	2.0	19.1	2.2
SS	RT5651N	.	17	64.4	10/03	41	1.7	16.5	2.7
SS	RT5951N	.	19	63.4	10/03	36	2.0	17.5	2.0
Pioneer	95M81	.	20	63.1	10/01	34	1.3	14.3	2.7
Average		60.4		67.5 ⁴	10/01	35	1.6	15.8	2.3
LSD at 10% Level		N.S. ⁵		5.1	03	2	0.6	1.0	0.3
Std. Err. of Entry Mean		1.8		2.2	01	1	0.2	0.4	0.2
<u>Maturity Group VI</u>									
USG	620NRR	59.3	15	65.3	10/09	34	1.3	15.2	2.5
Vigoro	V622NRR	59.1	17 ^T	64.7	10/07	36	1.7	14.6	2.3
Garst	6333RR/N	58.8	10	67.5	10/05	33	1.3	12.6	2.3
Public Variety	Hutcheson	58.7	6	69.0	09/27	31	1.3	14.8	2.7
SS	RT6630N	58.4	9	67.8	10/12	35	1.0	15.7	2.5
SS	RT6202N	54.6	22	60.0	10/05	32	1.0	14.0	2.0
Public Variety	Desha	53.0	20	62.8	10/09	32	1.0	15.5	2.2
Public Variety	NC Roy	52.9	2	71.1	10/17	35	2.0	13.8	2.0
Public Variety	Musen	52.1	11	67.2	10/22	37	2.0	13.2	2.3
AgSouth	AGS BoggsRR	51.9	16	65.2	10/11	33	1.7	12.6	2.2
Garst	6612RR/N	51.9	21	61.7	10/17	39	1.7	14.7	2.5
DPL	DP6880RR	50.3	18	64.0	10/15	39	2.0	14.5	2.5
DPL	DP6215RR	49.4	23	56.0	10/01	39	2.7	14.8	2.0
Public Variety	R97-1634	.	1	71.6	10/07	31	1.0	16.7	2.3
Hornbeck	HBK R5924	.	3	70.6	10/07	30	1.3	12.9	2.0

Athens, Georgia:
Early-Planted Soybean Variety Performance, 2005, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2005 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 - continued</u>									
Hornbeck	S010825R	.	4	70.1	10/06	36	1.0	16.4	2.3
USG	7635nRR	.	5	69.7	10/06	34	1.0	15.8	2.5
Asgrow	AG6702	.	7	68.5	10/18	36	1.7	14.4	2.3
Vigoro	V67N6RR	.	8	68.1	10/20	36	1.3	15.6	2.8
SS	RT6451N	.	12	67.0	10/06	37	2.0	13.2	2.2
Hornbeck	S010816R	.	13	66.9	10/05	32	1.0	15.2	2.2
DPL	DPX6568RR	.	14	65.5	10/13	34	1.3	16.0	1.8
Pioneer	96M60	.	17 ^T	64.7	10/05	37	1.3	15.1	2.2
Hornbeck	S010689R	.	19	63.7	10/06	40	1.3	15.8	2.2
Average		54.6		66.2 ⁶	10/09	35	1.5	14.7	2.3
LSD at 10% Level		N.S.		6.0	03	3	0.6	1.2	0.4
Std. Err. of Entry Mean		1.8		2.5	01	1	0.2	0.5	0.2
<u>Maturity Groups VII and VIII</u>									
DPL	DP7870RR	63.5	4	81.9	10/23	39	1.7	16.1	2.3
Vigoro	V74N4RR	61.9	6	79.3	10/24	43	2.0	16.0	2.7
Public Variety	Motte	59.8	8	76.5	10/27	39	2.0	17.0	1.8
NK	S80-P2	59.6	19	70.7	10/25	37	1.7	19.4	2.3
DynaGro	34J71	59.4	10	74.3	10/27	29	1.7	14.0	2.5
USG	7743nRR	59.4	31	67.9	10/23	38	1.7	15.6	2.5
Public Variety	Santee	59.2	20	70.5	10/22	35	1.3	17.0	2.0
Asgrow	AG7601	59.0	5	80.4	11/01	43	2.7	16.8	2.0
AgSouth	AGS 758RR	58.7	30	68.1	10/22	32	2.0	15.5	2.3
Vigoro	V71N4RR	58.0	21	70.4	10/30	28	1.3	14.3	2.5
UGA	G00-3880	57.8	13	72.6	10/24	31	1.7	16.4	2.2
Public Variety	NC Raleigh	56.5	12	73.3	10/31	34	2.0	15.7	2.0
AgSouth	Prichard	55.5	14	72.0	11/03	37	3.0	16.6	2.0
AgSouth	Haskell	55.4	39	64.2	10/23	36	2.3	17.6	2.2
USG	7732nRR	55.3	41	62.9	10/24	39	2.0	16.7	2.0
DeKalb	H7242RR	55.0	27	69.0	10/23	38	1.7	15.6	2.2
NK	S76-L9	53.9	33	67.5	10/28	37	1.3	16.9	2.0
Public Variety	Cook	53.1	25	69.5	10/25	39	2.7	17.7	2.5
AgSouth	Benning	52.7	26	69.1	10/22	32	1.3	17.1	2.2
Public Variety	Kuell	52.7	36	66.4	11/02	35	2.3	16.1	2.0
DPL	DP7220RR	52.3	34	67.4	10/23	37	2.3	14.5	2.0
Pioneer	97B52	51.5	42	59.6	10/22	32	1.7	16.9	2.5
AgSouth	AGS 825RR	50.7	38	64.6	10/30	39	2.0	16.5	2.0
AgSouth	AGS 751	50.5	37	64.9	10/24	41	2.0	16.9	2.2
Public Variety	Stonewall	50.5	44	55.3	10/24	31	3.3	21.7	2.0
Public Variety	Musen	49.2	35	67.0	10/23	38	2.0	14.2	2.2
SS	RT7499N	47.7	40	63.4	10/23	35	1.3	13.8	1.8
AgSouth	Prichard RR	47.3	43	58.7	11/02	40	2.3	15.4	1.7
NARO	L-Star	36.0	45	48.5	10/23	33	2.3	25.1	2.3
UGA	G00-3209	.	1	86.0	10/25	34	1.7	19.3	2.0

Athens, Georgia: Early-Planted Soybean Variety Performance, 2005, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2005 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 Groups VII and VIII - continued</u>									
UGA	G00-3322	.	2	83.5	10/30	36	1.7	18.8	2.0
UGA	G00-3213	.	3	83.4	10/24	35	1.7	19.0	2.5
UGA	G04-G2261	.	7	78.8	10/23	34	2.0	16.0	2.2
UGA	G00-3364	.	9	76.0	10/25	35	1.7	18.0	2.2
Public Variety	SC01-783	.	11	73.7	10/28	35	1.3	16.8	2.5
UGA	G03-926	.	15	71.6	10/25	37	2.0	17.1	2.0
Public Variety	SC01-803	.	16	71.5	10/27	38	1.7	17.4	2.2
Public Variety	SC01-819	.	17	71.0	10/30	38	1.0	18.8	2.0
UGA	G03-695	.	18	70.8	10/30	35	1.7	17.1	2.3
UGA	G00-4071	.	22	69.9	10/31	36	2.3	16.2	2.2
UGA	G03-952	.	23	69.7	10/28	36	2.0	18.4	2.3
SS	RT7355N	.	24	69.6	10/24	33	1.3	15.0	2.2
NK	X577R	.	28	68.7	10/26	39	1.7	20.8	3.2
UGA	G03-364	.	29	68.2	10/23	35	2.0	16.0	2.0
DPL	DPXC00-73303RR	.	32	67.7	10/21	33	1.7	15.9	2.0
Public Variety	Tyrone	.	46	48.3	10/18	67	2.3	13.8	2.0
USDA	8GH61-1-1GPL	.	47	41.3	11/03	62	2.3	21.9	3.0
Average		54.5		69.1 ⁷	10/26	37	1.9	17.0	2.2
LSD at 10% Level		9.1		8.8	01/03	4	0.7	1.3	0.3
Std. Err. of Entry Mean		2.5		3.8	01	1	0.3	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. CV = 5.5% and df for EMS = 50.

5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

6. CV = 6.7% and df for EMS = 46.

7. CV = 9.4% and df for EMS = 92.

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

Planted: Maturity Group V - May 19, 2005.

Maturity Groups VI, VII & VIII - May 18, 2005.

Harvested: Maturity Group V - October 17, 2005.

Maturity Group VI - October 28, 2005.

Maturity Groups VII & VIII - November 9, 2005.

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

Soil Type: Maturity Group V - Cecil coarse sandy loam.

Maturity Groups VI, VII & VIII - Wedowee coarse sandy loam.

Soil Test: Maturity Group V: P = Medium, K = High, and pH = 6.2.

Maturity Groups VI, VII & VIII: P = High, K = Medium, and pH = 6.6.

Fertilization: 0 lb N, 52 lb P₂O₅, and 105 lb K₂O/acre.

Previous Crop: Grain sorghum.

Management: Chiseled, disked, and subsoiled; FirstRate, Dual Magnum, Classic, and one cultivation used for weed control; Telone II used for nematode control; Karate and Larvin used for insect control; Headline and Quilt used for rust control; irrigated 2.0 inches.

Test conducted by E. D. Wood, G. B. Rowan, J. L. Head, Jr., S. L. Finnerty, W. E. Baxter, H. B. Chambers, H. J. Yeomans, and T. J. Strickland.

Calhoun, Georgia: Early-Planted Soybean Variety Performance, 2005, Irrigated

Company or Brand Name	Variety	2-Year Average Yield	2005 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>										
Public Variety	Ozarks	54.9	1	52.0	09/28	43	2.0	14.5	1.5	1.0
SS	RT5999N	53.2	5	45.1	09/28	44	1.3	14.7	1.5	1.0
USG	USG 7582nRR	53.2	15	41.3	09/28	42	2.7	12.3	1.8	1.0
SS	RT5730N	53.0	4	48.3	09/27	35	2.3	13.8	1.8	1.0
Public Variety	Hutcheson	51.6	9	43.2	09/28	38	3.3	14.2	2.0	1.0
SS	RT5930N	51.6	12	42.5	09/28	42	2.3	12.8	2.2	1.0
DPL	DP5915RR	51.2	10	42.9	09/29	37	1.7	13.9	1.3	1.0
Public Variety	Caviness	49.9	16	41.2	09/28	35	4.0	13.4	2.2	1.0
DPL	DP5634RR	49.6	22	38.9	09/27	42	2.3	12.8	1.7	1.0
Terral	TV56R12	48.9	13	42.3	09/27	45	2.3	11.2	1.7	1.0
Public Variety	CavinessRR	48.7	17	40.6	09/28	40	3.7	14.4	2.0	1.0
SS	RT5540N	47.7	18	40.5	09/28	47	2.7	13.1	1.7	1.0
Public Variety	Lonoke	46.5	14	42.2	09/29	37	2.7	12.5	1.0	1.0
Public Variety	UA4805	45.6	21	39.4	09/28	34	3.3	12.5	1.3	1.0
Public Variety	UARK5896	45.1	26	32.6	09/27	36	2.7	13.5	1.2	1.0
Terral	TV56R45	.	2	49.3	09/28	41	2.3	12.9	1.3	1.0
SS	RT5450N	.	3	48.8	09/29	42	2.0	17.1	1.2	1.3
DynaGro	36N57	.	6	45.0	09/27	36	3.0	14.2	1.7	1.0
AgSouth	AGS568RR	.	7	44.4	09/27	38	2.0	13.0	1.3	1.0
AgSouth	AGS533RR	.	8	43.3	09/27	40	2.0	12.2	1.8	1.0
Asgrow	AG5905	.	11	42.7	09/30	48	1.7	11.7	1.7	1.0
SS	RT5651N	.	19	40.1	09/27	41	2.3	12.6	1.3	1.0
SS	RT5951N	.	20	39.8	09/27	44	2.0	14.4	1.3	1.0
Virginia Tech	Teejay	.	23	37.2	09/27	37	2.3	15.8	1.7	1.0
Pioneer	95M81	.	24	36.2	09/27	42	2.0	11.4	1.5	1.0
Average		50.0		42.4 ⁵	09/27	40	2.4	13.4	1.6	1.0
LSD at 10% Level		N.S. ⁶		5.0	01	5	0.9	1.9	0.5	N.S.
Std. Err. of Entry Mean		1.8		2.1	01	2	0.4	0.5	0.2	0.1
<u>Maturity Group VI</u>										
Vigoro	V622NRR	51.4	7	40.5	10/01	43	2.3	11.8	1.8	1.0
SS	RT6202N	50.9	3	42.9	09/29	42	2.7	12.0	2.0	1.0
Garst	6333RR/N	48.4	1	45.0	09/28	43	1.3	11.9	1.7	1.0
USG	620NRR	47.0	8	39.5	09/30	43	2.7	12.6	1.8	1.0
Public Variety	Desha	44.7	9	38.2	09/29	44	2.3	11.4	1.7	1.0
Public Variety	NC Roy	44.3	10	37.8	10/05	40	2.7	11.2	1.3	1.0
Public Variety	Hutcheson	44.3	11	37.4	09/29	37	3.7	13.9	2.0	1.0
DPL	DP6215RR	43.3	5	42.5	09/27	42	3.0	13.1	1.8	1.0
SS	RT6630N	41.4	13 ^T	36.3	10/07	43	1.3	11.1	2.3	1.0
AgSouth	AGS BoggsRR	34.5	23	20.2	10/05	42	4.0	10.5	2.0	1.0

Calhoun, Georgia: Early-Planted Soybean Variety Performance, 2005, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2005 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 - continued										
DPL	DP6880RR	34.2	19	27.6	10/04	40	3.3	12.1	2.2	1.0
Public Variety	Musen	33.0	21	23.5	10/17	41	3.7	10.9	2.2	1.0
Garst	6612RR/N	29.0	22	21.2	10/04	40	2.0	11.8	1.5	1.3
Public Variety	R97-1634	.	2	44.9	09/28	35	2.0	14.5	1.5	1.0
Pioneer	96M60	.	4	42.8	09/28	46	1.7	12.3	2.8	1.0
Hornbeck	S010825R	.	6	42.0	10/01	46	1.0	13.8	2.0	1.3
Hornbeck	S010816R	.	12	36.9	09/30	42	1.7	13.4	1.8	1.0
USG	7635nRR	.	13 ^T	36.3	09/30	42	1.0	13.3	1.5	1.0
Hornbeck	HBK R5924	.	14	34.6	09/29	39	3.0	11.0	2.0	1.0
SS	RT6451N	.	15	34.5	09/28	42	1.7	11.0	2.0	1.3
Hornbeck	S010689R	.	16	34.2	10/06	47	2.0	13.5	2.3	1.0
Asgrow	AG6702	.	17	33.8	10/02	41	1.3	9.9	1.7	1.0
DPL	DPX6568RR	.	18	29.7	10/01	44	2.3	12.8	1.5	1.0
Vigoro	V67N6RR	.	20	25.2	10/04	40	2.0	10.7	2.3	1.0
Average		42.0		35.3 ⁷	10/02	42	2.3	12.1	1.9	1.0
LSD at 10% Level		8.3		3.8	05	4	0.9	1.3	0.5	N.S.
Std. Err. of Entry Mean		2.0		1.6	02	2	0.4	0.5	0.2	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 = 8.6% and df for EMS = 50.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 8.0% and df for EMS = 46.

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

Planted: May 17, 2005

Harvested: Maturity Group V - October 18, 2005.

Maturity Group VI - October 21, 2005.

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

Soil Type: Waynesboro loam.

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

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

Previous Crop: Corn.

Management: Moldboard plowed, disked, and rototilled; Scepter, Classic, Arrow, Basagran, and one cultivation used for weed control; Folicur used for Soybean Asian Rust prevention; irrigated 1.0 inch.

Test conducted by P. A. Rose and J. Stubbs.