

Preliminary data as of 12/8/08.

Tifton, Georgia: Early-Planted Soybean Variety Performance, 2008, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2008 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
Maturity Group V										
Asgrow	AG5905	70.8	2	67.2	09/28	38	1.7	17.3	1.8	1.0
SS	RT5951N	68.2	1	68.0	09/27	32	1.7	20.7	2.0	1.0
SS	RT5960N	65.1	8	60.2	09/27	29	1.0	17.2	2.5	1.0
SS	RT5540N	64.4	12 ^T	58.2	09/24	32	1.0	16.1	2.1	1.0
AgSouth	AGS568RR	64.2	6	62.6	09/25	33	1.0	17.2	2.0	1.0
SS	RT5930N	64.2	16	56.7	10/02	37	1.0	17.1	2.5	1.0
SS	RT5760N	63.4	12 ^T	58.2	09/25	33	1.3	17.6	2.5	1.0
USG	USG 7582nRR	62.6	11	58.8	10/04	33	1.0	16.9	2.3	1.0
UGA	G03-1668 RR	60.4	14	57.3	09/24	31	1.3	15.2	2.7	1.0
USG	Allen	57.4	10	59.6	10/02	33	1.0	17.0	1.8	1.0
Public Variety	Ozarks	56.0	13	57.7	09/24	28	1.3	18.0	2.2	1.0
Progeny	5706RR	.	3 ^T	65.9	10/01	34	2.3	16.7	2.3	1.0
Pioneer	95Y20	.	3 ^T	65.9	09/22	29	1.0	16.1	2.0	1.0
Progeny	5650RR	.	4	65.2	10/02	32	3.3	16.5	1.8	1.0
University of AR	R01-976	.	5	62.7	09/28	30	1.3	18.8	2.5	1.0
Schillinger	557RC	.	7	62.1	09/24	28	1.3	15.6	2.2	1.0
Pioneer	95Y41	.	9	59.7	09/22	32	1.7	16.6	2.3	1.0
SS	RT5666N	.	15 ^T	57.1	09/26	35	2.0	17.6	2.7	1.0
SS	RT5160N	.	15 ^T	57.1	09/25	31	2.0	16.9	2.2	1.0
USG	75Z98	.	15 ^T	57.1	09/26	32	1.7	18.0	2.0	1.0
Progeny	5622RR	.	17	52.6	09/29	32	1.3	17.2	2.0	1.0
University of AR	Osage	.	18	52.4	09/25	25	1.0	14.9	2.3	1.0
Progeny	5115RR	.	19	50.9	09/24	44	2.7	14.7	4.0	1.0
DynaGro	33X55	.	20	47.2	09/24	31	1.0	16.6	2.0	1.0
Average		63.3		59.2 ⁵	09/27	32	1.5	16.9	2.3	1.0
LSD at 10% Level		N.S. ⁶		9.3	02	3	0.6	-	0.6	-
Std. Err. of Entry Mean		2.2		3.9	01	1	0.3	-	0.2	-
Maturity Group VI										
USG	7635nRR	66.5	4	64.0	10/04	33	1.7	18.9	2.3	1.0
AGS	606RR	64.9	6	62.3	09/28	29	1.3	17.1	1.7	1.0
USG	620nRR	64.3	5	62.5	10/02	36	3.3	16.5	2.3	1.0
SS	RT6207N	63.9	12	58.8	10/03	30	1.0	14.6	2.2	1.0
Asgrow	AG6702	63.3	9	60.8	10/10	35	1.3	17.5	1.8	1.0
Vigoro	V61N9RR	60.9	10	60.4	10/01	31	1.0	16.5	2.0	1.0
SS	RT6451N	60.6	15	57.5	10/05	35	2.3	15.8	2.0	1.0
Asgrow	DKB64-51	60.4	17	57.3	10/03	33	2.3	14.1	2.2	1.0
SS	RT6600N	58.7	11	59.2	10/13	35	1.7	17.6	2.5	1.0
Public Variety	Musen	58.1	2	66.2	10/12	37	3.0	16.6	2.0	1.0
Asgrow	AG6301	53.0	19	52.5	10/02	31	2.7	16.8	1.5	1.0
University of AR	R01-327	.	1	73.2	10/05	31	1.7	19.4	2.5	1.0
University of AR	R31-1134	.	3	64.2	09/26	31	1.7	19.7	1.8	1.0
SS	RT6988N	.	7	62.1	10/10	39	1.0	17.3	2.0	1.0
USG	76S17	.	8	61.6	10/02	33	2.3	17.7	2.5	1.0
JGL	Exp862	.	13	58.1	10/03	31	1.0	16.4	1.7	1.0
NK	S61-Q2	.	14	57.8	09/26	34	1.3	17.2	2.3	1.0
Progeny	6208RR	.	16	57.4	10/05	39	2.0	17.9	2.2	1.0
JGL	Exp866	.	18	54.7	09/20	31	1.7	14.0	1.8	1.0
UGA	G04-2947RR	.	20	51.7	10/05	35	2.0	15.9	1.7	1.0

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(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2008 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										
University of AR	R01-2346	.	21	49.5	09/28	29	1.0	17.5	2.5	1.0
University of AR	R03-1232	.	22	48.2	10/03	31	1.0	19.2	2.2	1.0
AgSouth	AGS BoggsRR	.	23	44.9	09/30	34	2.7	12.2	1.7	1.0
Average		61.3		58.5 ⁷	10/03	33	1.8	16.8	2.1	1.0
LSD at 10% Level		N.S.		10.3	03	3	0.9	-	0.6	-
Std. Err. of Entry Mean		2.4		4.3	01	1	0.4	-	0.2	-
Maturity Group VII and VIII										
Vigoro	V72N7RR	63.0	6	64.7	.	35	1.7	16.2	1.7	1.0
UGA	G03-1187RR	60.5	11	62.5	.	39	2.0	17.5	2.5	1.0
AgSouth	AGS758RR	60.0	17 ^T	60.1	.	33	2.0	17.2	2.2	1.0
Public Variety	Santee	59.9	7	64.6	.	44	2.0	19.7	2.3	1.0
AgSouth	Benning	59.5	12	62.0	.	37	2.7	18.9	1.8	1.0
Asgrow	AG7501	58.8	13	61.8	.	39	1.7	19.1	2.7	1.0
Pioneer	97M50	58.7	18	59.4	.	36	2.3	16.2	2.2	1.3
UGA	G03-1569RR	58.6	25 ^T	56.6	.	41	2.0	15.2	2.2	1.0
NK	S78-G6	58.4	8	63.3	.	39	1.7	21.8	3.8	1.0
DPL	DPX73303RR	56.6	26	56.5	.	34	1.0	17.6	2.2	1.0
SS	RT7270N	56.1	20	58.7	.	34	2.7	15.8	2.2	1.0
AgSouth	Prichard	55.2	16	60.2	.	35	3.3	15.9	2.3	1.0
AgSouth	Prichard RR	55.1	19	58.9	.	37	4.0	15.0	2.7	1.0
NK	S80-P2	55.0	14	61.4	.	38	1.3	20.0	2.7	1.0
UGA	G03-2388RR	54.6	45 ^T	46.5	.	44	2.7	17.5	2.2	1.3
DeKalb	H7242RR	54.1	24	56.9	.	39	1.3	17.5	1.7	1.0
Public Variety	Motte	54.0	27	56.2	.	36	3.3	16.9	2.3	1.0
Public Variety	Cook	53.6	35	53.1	.	39	2.7	19.9	3.0	1.0
USG	7732nRR	52.5	25 ^T	56.6	.	37	2.7	18.6	2.8	1.0
USG	77S27	52.3	39	49.6	.	35	2.0	15.7	2.3	1.0
UGA	G04-236RR	52.0	33	54.0	.	33	1.7	14.3	2.0	1.0
UGA	G-Has(4)PHY-1	52.0	36	52.2	.	38	3.0	18.5	2.5	1.0
SS	RT7355N	51.0	44	48.2	.	31	1.0	15.7	2.0	1.0
Public Variety	SC01-819	50.5	29	55.3	.	39	1.0	19.9	1.7	1.0
DPL	DP7870RR	50.1	31	54.5	.	42	2.0	17.3	2.2	1.0
SS	RT7999N	50.0	22	58.1	.	43	2.7	19.5	2.7	1.0
AgSouth	Haskell	50.0	46 ^T	46.2	.	39	2.7	18.8	3.0	1.0
UGA	G03-2014RR	49.2	48	41.4	.	43	3.0	14.7	2.2	1.0
Public Variety	SC01-803	48.9	40	49.2	.	40	1.0	17.8	2.2	1.0
SS	RT7499N	42.8	49	39.7	.	37	1.7	15.6	2.0	1.0
Vigoro	V76N9RR	.	1	71.1	.	40	2.7	16.7	2.5	1.0
Asgrow	AG7502	.	2	68.7	.	38	2.3	17.8	2.0	1.0
UGA	G04-1618RR	.	3	67.3	.	33	3.7	16.2	2.0	1.0
UGA	G00-3209	.	4	66.5	.	34	1.7	19.8	2.3	1.0
UGA	G04-2215RR	.	5	65.1	.	33	1.3	15.1	2.2	1.0

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(Continued)

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Maturity Group VII and VIII - continued										
Progeny	7408RR	.	9	62.9	.	41	1.7	19.6	2.2	1.0
NK	S74-W6	.	10	62.6	.	35	2.0	18.9	2.7	1.0
UGA	G04-3248RR	.	15	61.2	.	37	2.0	15.1	1.8	1.0
UGA	G04-2414RR	.	17 ^T	60.1	.	35	1.0	14.7	2.5	1.0
UGA	G04-2913RR	.	21	58.6	.	37	2.3	15.8	2.0	1.0
Vigoro	V74N9RR	.	23	57.4	.	41	1.3	18.9	2.5	1.0
Asgrow	AG7201	.	28	55.5	.	45	1.7	19.1	2.7	1.0
DynaGro	35K73	.	30	54.9	.	40	2.0	17.5	2.3	1.0
USG	77U28	.	32	54.4	.	36	1.0	18.1	2.2	1.7
UGA	G04-2656RR	.	34	53.2	.	41	2.3	17.1	2.2	1.0
Progeny	7208RR	.	37	50.4	.	37	1.0	18.0	2.5	1.7
JGL	Exp875	.	38	49.8	.	57	3.0	16.4	2.2	1.0
JGL	Exp874	.	41	48.8	.	39	1.7	18.1	2.5	1.3
Pioneer	95Y11	.	42	48.6	.	35	3.7	16.5	2.3	1.0
UGA	G07PR-431	.	43	48.5	.	38	2.7	17.1	2.5	1.0
UGA	G07PR-397	.	45 ^T	46.5	.	39	3.0	16.6	2.5	1.0
Public Variety	SC01-208	.	45 ^T	46.5	.	34	1.0	14.5	2.2	1.0
UGA	G07PR-443	.	46 ^T	46.2	.	36	1.7	15.9	2.3	1.3
DynaGro	32R74	.	47	46.0	.	39	2.0	17.3	2.8	1.0
Average		54.4		55.9 ⁸		38	2.1	17.3	2.3	1.0
LSD at 10% Level		N.S.		9.8		4	0.9	-	0.5	-
Std. Err. of Entry Mean		2.4		4.2		2	0.4	-	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 = 11.5% and df for EMS = 46.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 12.8% and df for EMS = 44.
8. CV = 12.9% and df for EMS = 106.

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 7, 2008.

Harvested: Maturity Groups V and VI - October 22, 2008.
Maturity Group VII and VIII - November 18, 2008.

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

Soil Type: Tifton loamy sand.

Soil Test: P = High, K = Low, and pH = 6.1.

Fertilization: 9 lb N, 27 lb P₂O₅, and 64 lb K₂O/acre.

Previous Crop: Corn.

Management: Subsoiled, bedded, and rototilled; Treflan, Basagran, Poast, and Ultra Blazer used for weed control; Tracer and Mustang Max used for insect control; Headline and Dormar used for rust control; Telone II used for nematode control; irrigated 5.0 inches.

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

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Maturity Group V										
SS	RT5930N	59.7	1	65.4	10/02	33	1.0	.	.	1.3
AgSouth	AGS568RR	58.6	5 ^T	57.6	10/01	26	1.0	.	.	1.7
SS	RT5760N	56.9	14	54.4	09/29	32	1.7	.	.	2.0
Asgrow	AG5905	56.3	7	56.8	09/30	35	1.0	.	.	1.0
USG	Allen	55.4	8	56.6	10/04	35	1.0	.	.	1.0
UGA	G03-1668 RR	54.1	5 ^T	57.6	09/30	29	1.0	.	.	1.7
SS	RT5960N	52.2	10	56.2	09/30	29	1.3	.	.	1.3
USG	USG 7582nRR	52.0	13	54.8	10/02	26	1.0	.	.	1.0
SS	RT5951N	50.3	9	56.4	09/29	26	1.0	.	.	1.7
SS	RT5540N	49.1	18	52.6	09/28	37	1.7	.	.	2.0
Public Variety	Ozarks	47.1	21	48.7	09/29	29	1.0	.	.	1.3
Progeny	5650RR	.	2	61.4	10/02	34	2.3	.	.	1.0
Progeny	5622RR	.	3	60.9	10/02	27	1.0	.	.	1.3
DynaGro	33X55	.	4	58.3	09/30	31	1.0	.	.	2.0
Progeny	5706RR	.	6	57.3	10/02	32	1.7	.	.	1.0
University of AR	R01-976	.	11	56.0	10/02	27	1.0	.	.	1.3
Pioneer	95Y41	.	12	55.7	09/27	25	1.0	.	.	1.7
Schillinger	557RC	.	15	53.6	09/28	25	1.0	.	.	1.3
Pioneer	95Y20	.	16	53.5	09/29	25	1.0	.	.	2.0
SS	RT5160N	.	17	53.1	09/26	29	1.0	.	.	2.0
USG	75Z98	.	19	51.7	10/02	30	1.0	.	.	1.7
SS	RT5666N	.	20	50.7	09/28	32	1.0	.	.	2.3
University of AR	Osage	.	22	43.3	09/30	23	1.0	.	.	2.3
Progeny	5115RR	.	23	43.1	09/24	39	3.0	.	.	3.3
Average		53.8		54.8 ⁵	09/30	30	1.2	.	.	1.6
LSD at 10% Level		6.8		7.1	02	4	0.3	.	.	0.6
Std. Err. of Entry Mean		2.2		3.0	01	2	0.2	.	.	0.3
Maturity Group VI										
USG	7635nRR	57.0	3	60.7	10/03	32	1.3	.	.	1.0
Public Variety	Musen	56.7	9	56.7	10/10	36	2.0	.	.	1.0
SS	RT6207N	55.8	1	63.9	10/03	26	1.0	.	.	1.0
SS	RT6451N	55.4	7	57.3	10/06	39	1.7	.	.	1.0
Asgrow	AG6702	54.6	19	50.4	10/12	37	1.7	.	.	1.0
Asgrow	AG6301	53.7	2	61.8	10/03	31	1.3	.	.	1.0
Vigoro	V61N9RR	53.4	6	57.7	10/03	25	1.3	.	.	1.3
SS	RT6600N	51.5	18	51.9	10/12	38	1.3	.	.	1.0
USG	620nRR	51.3	14	53.9	10/05	33	1.7	.	.	1.0
AGS	606RR	49.0	8	57.0	10/02	24	1.0	.	.	1.3
Asgrow	DKB64-51	43.7	23	44.3	10/03	35	1.3	.	.	1.0
USG	76S17	.	4	60.6	10/03	31	1.0	.	.	1.0
JGL	Exp862	.	5	59.0	10/02	29	2.0	.	.	1.0
University of AR	R01-327	.	10	56.1	10/05	27	1.0	.	.	1.7
Progeny	6208RR	.	11	55.0	10/02	33	2.0	.	.	2.0
University of AR	R01-2346	.	12	54.7	10/01	28	1.0	.	.	1.3
University of AR	R03-1232	.	13	54.2	10/02	27	1.0	.	.	2.0
SS	RT6988N	.	15	53.7	10/09	38	1.3	.	.	1.3
University of AR	R31-1134	.	16	52.8	10/01	27	1.0	.	.	2.0
AgSouth	AGS BoggsRR	.	17	52.5	10/07	37	3.0	.	.	1.0

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Maturity Group VI - continued										
NK	S61-Q2	.	20	50.3	10/01	28	1.0	.	.	1.3
UGA	G04-2947RR	.	21	48.3	10/07	43	2.0	.	.	1.0
JGL	Exp866	.	22	48.0	09/29	30	1.3	.	.	1.3
Average		52.9		54.8 ⁶	10/04	32	1.4	.	.	1.2
LSD at 10% Level		N.S. ⁷		6.0	02	3	0.6			0.4
Std. Err. of Entry Mean		1.9		2.5	01	1	0.3			0.2
Maturity Group VII and VIII										
SS	RT7355N	57.7	7	56.2	.	36	1.0	.	.	1.0
NK	S78-G6	56.0	3	60.1	.	42	2.0	.	.	1.0
Vigoro	V72N7RR	53.3	1	62.8	.	39	1.3	.	.	1.0
UGA	G03-1187RR	52.3	19	51.1	.	45	2.3	.	.	1.0
Asgrow	AG7501	51.4	27	49.4	.	43	1.7	.	.	1.0
DPL	DPX73303RR	51.2	23	50.4	.	35	2.7	.	.	1.0
Pioneer	97M50	50.7	21	50.8	.	38	3.0	.	.	1.0
DPL	DP7870RR	50.5	12	53.7	.	43	3.0	.	.	1.0
UGA	G03-2388RR	50.5	17	51.8	.	47	2.3	.	.	1.0
AgSouth	AGS758RR	49.0	39 ^T	46.4	.	39	1.7	.	.	1.0
Public Variety	SC01-819	48.2	36	47.4	.	41	1.0	.	.	1.0
DeKalb	H7242RR	48.1	34	47.7	.	43	3.3	.	.	1.0
SS	RT7999N	47.9	44	44.6	.	41	2.7	.	.	1.0
UGA	G03-1569RR	47.7	33	48.0	.	47	2.0	.	.	1.0
Public Variety	Santee	47.1	26	49.5	.	42	2.3	.	.	1.0
USG	77S27	46.8	32 ^T	48.6	.	41	1.7	.	.	1.0
NK	S80-P2	46.8	37	47.2	.	43	1.0	.	.	1.0
UGA	G04-236RR	46.7	39 ^T	46.4	.	37	2.0	.	.	1.0
Public Variety	Motte	46.6	31	48.8	.	43	2.7	.	.	1.0
Public Variety	SC01-803	46.4	46 ^T	43.9	.	44	1.0	.	.	1.0
SS	RT7270N	45.4	15	52.5	.	44	2.3	.	.	1.0
Public Variety	Cook	44.9	25	49.7	.	43	1.7	.	.	1.0
UGA	G03-2014RR	44.9	43	44.7	.	47	2.7	.	.	1.0
AgSouth	Benning	44.5	24	50.2	.	41	3.0	.	.	1.0
AgSouth	Prichard RR	44.0	38	47.0	.	46	2.7	.	.	1.0
AgSouth	Prichard	43.8	35	47.6	.	43	2.3	.	.	1.0
AgSouth	Haskell	43.5	32 ^T	48.6	.	43	3.0	.	.	1.0
USG	7732nRR	43.3	40	45.7	.	43	2.7	.	.	1.0
SS	RT7499N	42.3	46 ^T	43.9	.	44	1.7	.	.	1.0
UGA	G-Has(4)PHY-1	39.7	48	39.1	.	41	2.7	.	.	1.0
USG	77U28	.	2	61.2	.	35	1.3	.	.	1.0
UGA	G04-1618RR	.	4	57.6	.	38	3.0	.	.	1.0
Progeny	7208RR	.	5	57.1	.	37	1.3	.	.	1.0
UGA	G00-3209	.	6	56.5	.	39	3.0	.	.	1.0
UGA	G04-2215RR	.	8	54.8	.	36	1.3	.	.	1.0

**Plains, Georgia:
Early-Planted Soybean Variety Performance, 2008, Irrigated
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield	2008 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 VII and VIII - continued									
Vigoro	V76N9RR	.	9	54.7	.	46	2.7	.	1.0
UGA	G04-2913RR	.	10	54.4	.	41	2.7	.	1.0
Progeny	7408RR	.	11	53.9	.	37	2.0	.	1.0
UGA	G04-2414RR	.	13	53.6	.	39	1.0	.	1.0
Public Variety	SC01-208	.	14	53.4	.	41	1.3	.	1.0
UGA	G04-2656RR	.	16 ^T	52.1	.	45	2.7	.	1.0
DynaGro	35K73	.	16 ^T	52.1	.	41	2.0	.	1.0
NK	S74-W6	.	18	51.6	.	33	1.3	.	1.0
UGA	G07PR-431	.	20	51.0	.	43	3.0	.	1.0
Asgrow	AG7502	.	22	50.5	.	43	2.3	.	1.0
DynaGro	32R74	.	28	49.2	.	41	1.7	.	1.0
Pioneer	95Y11	.	29	49.0	.	40	4.0	.	1.0
Asgrow	AG7201	.	30	48.9	.	47	1.7	.	1.0
UGA	G04-3248RR	.	39 ^T	46.4	.	41	3.3	.	1.0
Vigoro	V74N9RR	.	39 ^T	46.4	.	40	2.0	.	1.0
JGL	Exp875	.	41	45.6	.	49	3.3	.	1.0
UGA	G07PR-397	.	42	45.3	.	43	2.3	.	1.0
UGA	G07PR-443	.	45	44.0	.	41	2.3	.	1.0
JGL	Exp874	.	47	42.9	.	39	2.7	.	1.0
Average		47.7		50.1 ^B		41	2.2		1.0
LSD at 10% Level		7.4		6.2		3	0.7		-
Std. Err. of Entry Mean		1.7		2.6		1	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 = 9.5% and df for EMS = 46.
6. CV = 8.0% and df for EMS = 44.
7. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
8. CV = 9.1% and df for EMS = 106.

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 15, 2008.

Harvested: Maturity Groups V and VI - October 31, 2008.
Maturity Group VII and VIII - November 3, 2008.

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

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 6.1.

Fertilization: 20 lb N, 80 lb P₂O₅, and 80 lb K₂O/acre.

Previous Crop: Corn.

Management: Chiseled and rototilled; Lasso, Treflan, and First Rate used for weed control; Karate, Tracer, Bydrin, and Mustang Max used for insect control; irrigated 7.0 inches.

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

Preliminary data as of 12/8/08.

Plains, Georgia: Late-Planted Soybean Variety Performance, 2008, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2008 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										
Asgrow	AG7501	60.1	1	61.1	.	46	2.0	.	.	1.0
Public Variety	SC01-803	53.6	5	57.2	.	44	2.0	.	.	1.0
NK	S78-G6	53.3	15	53.5	.	44	2.3	.	.	1.0
Vigoro	V72N7RR	53.2	6	56.2	.	41	4.0	.	.	1.0
UGA	G03-1187RR	52.6	7	55.4	.	43	2.7	.	.	1.0
UGA	G03-2014RR	52.3	16	52.7	.	49	3.0	.	.	1.0
AgSouth	Haskell	52.3	17	52.6	.	39	4.3	.	.	1.0
DPL	DP7870RR	51.5	25 ^T	49.8	.	43	2.3	.	.	1.0
Public Variety	SC01-819	51.3	9	54.7	.	44	1.3	.	.	1.0
SS	RT7355N	51.3	25 ^T	49.8	.	37	2.0	.	.	1.0
DPL	DPX73303RR	51.0	12	54.2	.	43	3.3	.	.	1.0
UGA	G04-236RR	50.5	21 ^T	51.0	.	40	3.3	.	.	1.0
UGA	G03-1569RR	50.1	21 ^T	51.0	.	45	3.2	.	.	1.0
Public Variety	Cook	50.1	27	49.5	.	45	2.3	.	.	1.0
AgSouth	AGS758RR	50.0	11	54.4	.	41	3.0	.	.	1.0
Public Variety	Motte	49.6	31 ^T	48.8	.	48	3.0	.	.	1.0
UGA	G03-2388RR	49.3	20	51.1	.	47	3.0	.	.	1.0
NK	S80-P2	49.3	22	50.6	.	47	2.0	.	.	1.0
USG	7732nRR	48.9	36	47.7	.	41	2.7	.	.	1.0
UGA	G-Has(4)PHY-1	48.9	39	46.7	.	47	4.5	.	.	1.0
USG	77S27	48.6	45	44.0	.	42	3.7	.	.	1.0
SS	RT7270N	47.6	40 ^T	46.6	.	43	3.3	.	.	1.0
AgSouth	Prichard RR	47.5	34	48.1	.	46	4.0	.	.	1.0
AgSouth	Prichard	47.4	32	48.7	.	44	3.8	.	.	1.0
Pioneer	97M50	47.3	38	46.9	.	40	2.0	.	.	1.0
AgSouth	Benning	47.2	35	47.9	.	40	3.8	.	.	1.0
SS	RT7999N	47.1	40 ^T	46.6	.	45	2.3	.	.	1.0
DeKalb	H7242RR	46.8	28 ^T	49.3	.	43	3.3	.	.	1.0
Public Variety	Santee	46.3	37	47.0	.	45	3.0	.	.	1.0
SS	RT7499N	45.5	40 ^T	46.6	.	43	3.3	.	.	1.0
Vigoro	V76N9RR	.	2	58.9	.	48	3.0	.	.	1.0
UGA	G04-2215RR	.	3	58.5	.	35	3.0	.	.	1.0
USG	77U28	.	4	58.2	.	40	3.0	.	.	1.0
Progeny	7208RR	.	8	54.8	.	39	3.0	.	.	1.0
NK	S74-W6	.	10	54.5	.	36	3.7	.	.	1.0
UGA	G00-3209	.	13	54.0	.	35	2.0	.	.	1.0
UGA	G04-1618RR	.	14	53.9	.	39	3.8	.	.	1.0
JGL	Exp874	.	18	52.4	.	42	3.8	.	.	1.0
DynaGro	35K73	.	19	51.8	.	43	2.3	.	.	1.0
Asgrow	AG7201	.	23	50.5	.	47	2.7	.	.	1.0

Plains, Georgia:
Late-Planted Soybean Variety Performance, 2008, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2008 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 VII and VIII - continued									
UGA	G04-2414RR	.	24	50.4	.	40	2.0	.	1.0
UGA	G04-2913RR	.	26	49.6	.	42	2.3	.	1.0
Asgrow	AG7502	.	28 ^T	49.3	.	43	4.0	.	1.0
Vigoro	V74N9RR	.	29	49.0	.	43	2.3	.	1.0
Progeny	7408RR	.	30	48.9	.	48	2.7	.	1.0
DynaGro	32R74	.	31 ^T	48.8	.	45	2.3	.	1.0
Public Variety	SC01-208	.	33 ^T	48.5	.	45	2.3	.	1.0
UGA	G04-2656RR	.	33 ^T	48.5	.	46	3.0	.	1.0
JGL	Exp875	.	41	46.0	.	49	3.2	.	1.0
UGA	G07PR-397	.	42	45.8	.	47	3.7	.	1.0
UGA	G04-3248RR	.	43	44.9	.	41	3.8	.	1.0
UGA	G07PR-443	.	44	44.2	.	47	3.7	.	1.0
Pioneer	95Y11	.	46	43.9	.	45	3.7	.	1.0
UGA	G07PR-431	.	47	41.7	.	43	3.3	.	1.0
Average		50.0		50.5 ⁵	.	43	3	.	1.0
LSD at 10% Level		4.7		6.5		4	1.0		-
Std. Err. of Entry Mean		1.8		2.8		2	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. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).

5. CV = 9.5% and df for EMS = 106.

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 10, 2008.

Harvested: November 3, 2008.

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

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 6.1.

Fertilization: 20 lb N, 80 lb P₂O₅, and 80 lb K₂O/acre.

Previous Crop: Corn.

Management: Chiseled and rototilled; Lasso, Treflan, First Rate and two cultivations used for weed control; Karate, Tracer, Bydrin, and Mustang Max used for insect control; irrigated 7.0 inches.

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

Preliminary data as of 12/8/08.

Midville, Georgia: Early-Planted Soybean Variety Performance, 2008, Irrigated

Company or Brand Name	Variety	2-Year		2008 Data						
		Average Yield bu/acre	Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
Maturity Group V										
SS	RT5930N	67.1	4	73.7	10/06	39	1.7	.	.	1.7
SS	RT5760N	65.2	8	70.4	10/06	33	1.0	.	.	2.0
UGA	G03-1668 RR	63.8	10	69.9	10/03	36	1.3	.	.	1.7
USG	USG 7582nRR	63.8	12	68.7	10/06	38	2.0	.	.	1.0
Asgrow	AG5905	63.6	3	74.0	10/05	41	1.3	.	.	1.7
SS	RT5540N	61.8	9 ^T	70.3	10/04	45	1.7	.	.	2.3
AgSouth	AGS568RR	59.6	16 ^T	66.5	10/03	35	1.7	.	.	1.7
Public Variety	Ozarks	58.5	18	66.0	10/01	33	1.3	.	.	1.0
SS	RT5960N	57.9	15	66.8	10/06	41	1.3	.	.	2.0
SS	RT5951N	57.7	17	66.2	10/05	33	1.0	.	.	2.0
USG	Allen	56.0	22	61.1	10/06	38	1.7	.	.	1.0
Pioneer	95Y20	.	1	77.3	10/03	36	1.0	.	.	2.0
SS	RT5160N	.	2	77.1	10/03	44	2.0	.	.	1.7
Progeny	5650RR	.	5	72.1	10/05	41	3.0	.	.	1.0
DynaGro	33X55	.	6	71.4	10/04	39	1.0	.	.	2.0
University of AR	Osage	.	7	71.1	10/03	30	1.0	.	.	2.0
Pioneer	95Y41	.	9 ^T	70.3	10/02	37	1.3	.	.	1.3
Progeny	5622RR	.	11	69.3	10/06	38	1.7	.	.	1.3
University of AR	R01-976	.	13	68.2	10/05	33	1.0	.	.	1.3
USG	75Z98	.	14	67.2	10/05	37	2.3	.	.	2.0
Schillinger	557RC	.	16 ^T	66.5	10/04	34	1.0	.	.	2.3
Progeny	5706RR	.	19	65.9	10/06	40	2.3	.	.	1.7
Progeny	5115RR	.	20	64.9	10/03	43	1.3	.	.	2.0
SS	RT5666N	.	21	62.4	10/03	41	1.3	.	.	2.0
Average		61.4		69.1 ⁵	10/04	38	1.5	.	.	1.7
LSD at 10% Level		4.6		N.S. ⁶	02	4	0.7			0.5
Std. Err. of Entry Mean		2.7		5.0	01	2	0.3			0.2
Maturity Group VI										
SS	RT6600N	67.1	4	75.1	.	41	1.3	.	.	1.0
AGS	606RR	66.4	5	74.1	.	34	1.0	.	.	1.0
Asgrow	AG6301	66.3	9	71.7	.	42	2.0	.	.	1.0
Asgrow	AG6702	66.1	1	77.7	.	46	1.7	.	.	1.0
Vigoro	V61N9RR	65.2	13	68.9	.	39	2.0	.	.	2.0
USG	620nRR	64.6	10	71.1	.	46	2.3	.	.	1.0
SS	RT6207N	64.2	14 ^T	68.8	.	39	1.3	.	.	1.0
SS	RT6451N	62.4	8	72.1	.	45	1.7	.	.	1.0
Public Variety	Musen	60.8	18	66.2	.	49	3.7	.	.	1.0
USG	7635nRR	60.6	15	68.6	.	45	1.7	.	.	1.0
Asgrow	DKB64-51	59.9	14 ^T	68.8	.	45	1.3	.	.	2.0
University of AR	R31-1134	.	2	77.3	.	36	1.7	.	.	1.0
University of AR	R03-1232	.	3	76.0	.	41	1.3	.	.	1.0
University of AR	R01-327	.	6	73.3	.	42	1.0	.	.	1.0
JGL	Exp866	.	7	72.3	.	41	1.7	.	.	1.0
University of AR	R01-2346	.	11	71.0	.	40	2.0	.	.	1.0
USG	76S17	.	12	70.4	.	45	1.7	.	.	1.0
SS	RT6988N	.	16	67.7	.	45	1.0	.	.	1.0
Progeny	6208RR	.	17	67.4	.	45	1.7	.	.	1.0
JGL	Exp862	.	19	66.0	.	45	3.0	.	.	1.0

Midville, Georgia:
Early-Planted Soybean Variety Performance, 2008, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2008 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>										
UGA	G04-2947RR	.	20 ^T	63.7	.	47	2.3	.	.	1.0
NK	S61-Q2	.	20 ^T	63.7	.	45	2.3	.	.	1.0
AgSouth	AGS BoggsRR	.	21	61.6	.	43	3.7	.	.	1.0
Average		64.0		70.2 ⁷		43	1.9			1.1
LSD at 10% Level		N.S.		8.2		4	0.8			0.7
Std. Err. of Entry Mean		2.4		3.4		2	0.3			0.3
<u>Maturity Group VII and VIII</u>										
Asgrow	AG7501	70.3	3	75.3	.	50	2.3	.	.	1.0
SS	RT7355N	66.9	5	74.5	.	39	1.3	.	.	1.0
SS	RT7270N	64.7	6	72.3	.	44	2.3	.	.	1.0
USG	7732nRR	64.4	4	74.8	.	44	2.7	.	.	1.0
Vigoro	V72N7RR	64.3	7 ^T	71.6	.	46	3.0	.	.	1.0
USG	77S27	62.4	17	68.7	.	47	2.0	.	.	1.0
Public Variety	Santee	62.0	7 ^T	71.6	.	46	2.7	.	.	1.0
DPL	DPX73303RR	62.0	11	69.6	.	43	2.7	.	.	1.0
UGA	G03-1187RR	61.4	30 ^T	65.0	.	43	2.0	.	.	1.0
UGA	G03-1569RR	61.2	34	63.5	.	55	2.0	.	.	1.0
AgSouth	AGS758RR	61.0	12	69.4	.	45	2.3	.	.	1.0
Public Variety	SC01-803	61.0	16	68.8	.	47	1.3	.	.	1.0
UGA	G-Has(4)PHY-1	59.8	14	69.0	.	43	3.3	.	.	1.0
DPL	DP7870RR	58.9	31 ^T	64.4	.	48	2.7	.	.	1.0
Public Variety	Cook	58.5	19	68.3	.	46	2.7	.	.	1.0
Public Variety	SC01-819	58.0	26	66.2	.	49	1.0	.	.	1.0
UGA	G04-236RR	57.9	43 ^T	60.3	.	41	2.7	.	.	1.0
AgSouth	Haskell	57.4	30 ^T	65.0	.	43	3.3	.	.	1.0
NK	S80-P2	57.2	23	66.7	.	44	1.3	.	.	1.0
Pioneer	97M50	57.1	33	63.6	.	43	2.3	.	.	1.0
AgSouth	Prichard	56.7	28	65.9	.	49	3.0	.	.	1.0
UGA	G03-2388RR	56.3	27	66.0	.	52	2.3	.	.	1.0
AgSouth	Benning	55.1	44	60.1	.	45	3.3	.	.	1.0
Public Variety	Motte	55.1	46	59.0	.	49	2.7	.	.	1.0
SS	RT7499N	54.3	36	62.8	.	49	1.7	.	.	1.0
DeKalb	H7242RR	53.9	40 ^T	62.2	.	52	3.0	.	.	1.0
SS	RT7999N	53.7	42	61.0	.	48	2.7	.	.	1.0
NK	S78-G6	52.9	45	59.8	.	45	1.7	.	.	1.0
UGA	G03-2014RR	52.9	48	54.6	.	51	2.0	.	.	1.0
AgSouth	Prichard RR	52.5	41	62.0	.	47	3.0	.	.	1.0
UGA	G00-3209	.	1	79.4	.	45	2.3	.	.	1.0
UGA	G04-2414RR	.	2	78.3	.	45	1.3	.	.	1.0
UGA	G04-2215RR	.	8	71.3	.	43	2.3	.	.	1.0
Asgrow	AG7201	.	9	71.0	.	53	1.7	.	.	1.0
Vigoro	V76N9RR	.	10	69.7	.	50	2.7	.	.	1.0
USG	77U28	.	13	69.1	.	49	1.0	.	.	1.0
Progeny	7208RR	.	15	68.9	.	47	1.3	.	.	1.0
JGL	Exp874	.	18	68.5	.	48	1.7	.	.	1.0
UGA	G07PR-443	.	20	68.2	.	45	3.3	.	.	1.0
UGA	G04-1618RR	.	21	67.9	.	43	3.3	.	.	1.0

**Midville, Georgia:
Early-Planted Soybean Variety Performance, 2008, Irrigated
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield	2008 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
Maturity Group VII and VIII - continued										
Public Variety	SC01-208	.	22	67.0	.	45	2.0	.	.	1.0
UGA	G07PR-397	.	24	66.6	.	43	3.0	.	.	1.0
DynaGro	32R74	.	25	66.4	.	48	2.0	.	.	1.0
UGA	G04-2913RR	.	29	65.7	.	47	2.7	.	.	1.0
JGL	Exp875	.	31 ^T	64.4	.	54	2.7	.	.	1.0
UGA	G04-2656RR	.	32	64.2	.	49	2.0	.	.	1.0
Vigoro	V74N9RR	.	35	62.9	.	45	2.0	.	.	1.0
Progeny	7408RR	.	37	62.6	.	49	2.0	.	.	1.0
NK	S74-W6	.	38	62.4	.	41	3.0	.	.	1.0
DynaGro	35K73	.	39	62.3	.	49	1.7	.	.	1.0
Pioneer	95Y11	.	40 ^T	62.2	.	45	4.0	.	.	1.0
UGA	G04-3248RR	.	40 ^T	62.2	.	44	2.7	.	.	1.0
Asgrow	AG7502	.	43 ^T	60.3	.	48	3.0	.	.	1.0
UGA	G07PR-431	.	47	55.2	.	47	3.3	.	.	1.0
Average		59.0		66.3 ⁸		47	2.4			1.0
LSD at 10% Level		5.8		8.3		4	0.7			-
Std. Err. of Entry Mean		2.2		3.5		2	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 = 12.5% and df for EMS = 46.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 8.5% and df for EMS = 44.
8. CV = 9.3% and df for EMS = 106.

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 27, 2008.

Harvested: Maturity Groups V and VI - November 6, 2008.
Maturity Group VII and VIII - November 12, 2008.

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

Soil Type: Tifton loamy sand.

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

Fertilization: 11 lb N, 29 lb P₂O₅, 69 lb K₂O, and .25 lb Boron/acre.

Previous Crop: Cotton.

Management: Disked, subsoiled and bedded, and rototilled; Reflex, Valor, and one cultivation used for weed control; Dimilin, Tracer, and Mustan Max used for insect control; Headline used for rust control; Telone II used for nematode control; irrigated 8.0 inches.

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

Preliminary data as of 12/8/08.

Griffin, Georgia: Early-Planted Soybean Variety Performance, 2008, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2008 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
Maturity Group V										
USG	USG 7582nRR	55.4	11	54.5	39719	38	1.7	15.4	2.0	1.0
SS	RT5760N	54.7	2	60.8	39720	35	1.5	19.5	2.5	1.0
SS	RT5960N	54.5	3	60.1	39720	39	1.5	19.2	1.5	1.0
AgSouth	AGS568RR	54.2	4	59.1	39724	34	1.2	17.7	1.5	1.0
Asgrow	AG5905	53.8	9	55.1	39721	42	1.2	15.3	1.5	1.0
SS	RT5930N	52.7	14	52.0	39723	36	1.2	17.2	1.5	1.0
USG	Allen	52.4	16	50.1	39725	37	1.0	15.4	2.5	1.0
UGA	G03-1668 RR	50.6	20	48.9	39723	32	2.2	15.2	1.5	1.0
Public Variety	Ozarks	50.5	13	53.1	39720	30	1.0	16.7	2.0	1.0
SS	RT5540N	50.2	21	48.3	39716	37	1.3	16.1	2.5	1.0
SS	RT5951N	47.6	22	48.1	39722	32	1.2	18.7	1.5	1.0
Progeny	5650RR	.	1	63.2	39724	39	2.2	14.9	1.5	1.0
Progeny	5622RR	.	5	57.5	39720	37	1.5	16.3	1.5	1.0
USG	75Z98	.	6	56.6	39723	35	1.2	17.7	1.5	1.0
Schillinger	557RC	.	7	56.4	39720	31	1.0	16.4	1.5	1.0
Progeny	5706RR	.	8	56.3	39721	38	1.3	15.2	1.5	1.0
SS	RT5160N	.	10	54.8	39714	38	1.3	14.7	2.0	1.0
SS	RT5666N	.	12	54.2	39716	34	1.2	15.8	2.0	1.0
Progeny	5115RR	.	15	50.3	39716	37	1.2	17.1	4.0	1.0
Pioneer	95Y20	.	17	49.9	39717	36	1.2	15.5	1.5	1.0
DynaGro	33X55	.	18	49.8	39720	33	1.0	18.5	1.5	1.0
Pioneer	95Y41	.	19	49.3	39715	36	1.5	17.1	3.0	1.0
University of AR	R01-976	.	23	42.5	39724	30	1.0	17.6	2.0	1.0
University of AR	Osage	.	24	39.0	39717	33	1.0	14.7	1.5	1.0
Average		52.4		52.9 ⁵	39720	35	1.3	16.6	1.9	1.0
LSD at 10% Level		N.S. ⁶		8.4	03	4	0.4	-	-	-
Std. Err. of Entry Mean		2.3		3.5	01	1	0.2	-	-	-

Griffin, Georgia:
Early-Planted Soybean Variety Performance, 2008, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2008 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										
USG	620nRR	61.0	6	61.9	10/09	41	1.7	16.3	1.5	1.0
Asgrow	AG6301	60.9	3 ^T	65.0	10/08	35	1.7	17.7	1.5	1.0
Vigoro	V61N9RR	59.0	2	65.3	10/07	32	1.3	18.7	1.5	1.0
SS	RT6600N	59.0	11	55.6	10/15	41	1.8	14.8	2.0	1.0
SS	RT6207N	58.6	7	59.4	10/06	34	1.0	14.8	1.5	1.0
Asgrow	AG6702	57.3	13 ^T	54.7	10/13	40	2.3	15.1	2.0	1.0
USG	7635nRR	56.1	12	55.2	10/08	30	1.2	20.1	1.5	1.0
Public Variety	Musen	54.2	14	53.6	10/15	39	1.7	13.0	1.5	1.0
SS	RT6451N	52.9	16	51.7	10/07	36	1.0	16.2	2.0	1.0
AGS	606RR	52.8	15	52.2	10/06	26	1.0	19.0	2.0	1.0
Asgrow	DKB64-51	52.2	19	46.5	10/06	34	1.5	15.4	1.5	1.0
JGL	Exp862	.	1	67.5	10/08	36	1.2	18.5	1.5	1.0
University of AR	R01-327	.	3 ^T	65.0	10/07	34	1.2	20.3	2.0	1.0
NK	S61-Q2	.	4	63.5	10/05	37	1.2	18.8	2.0	1.0
University of AR	R03-1232	.	5	62.4	10/07	32	1.0	19.1	2.5	1.0
SS	RT6988N	.	8	59.3	10/15	41	1.0	17.1	1.5	1.0
USG	76S17	.	9	57.8	10/06	37	1.2	17.9	2.0	1.0
University of AR	R01-2346	.	10	56.9	10/08	30	1.0	19.8	3.0	1.0
University of AR	R31-1134	.	13 ^T	54.7	10/06	33	1.2	21.1	2.0	1.0
UGA	G04-2947RR	.	17	50.3	10/13	39	1.2	14.5	1.0	1.0
Progeny	6208RR	.	18	49.2	10/07	38	1.3	21.0	3.0	1.0
AgSouth	AGS BoggsRR	.	20	42.0	10/09	32	2.3	14.5	1.0	1.0
JGL	Exp866	.	21	40.3	10/01	31	1.0	15.2	2.0	1.0
Average		56.7		56.1 ⁷	10/08	35	1.3	17.3	1.8	1.0
LSD at 10% Level		N.S.		10.2	02	5	0.6	-	-	-
Std. Err. of Entry Mean		2.9		4.3	01	2	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 = 11.6% and df for EMS = 46.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 13.3% 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 14, 2008.
Harvested: October 31, 2008
Seeding Rate: Eight seeds per foot in 30" rows.
Soil Type: Cecil sandy loam.
Soil Test: P = Medium, K = Very High, and pH = 6.5.
Fertilization: 32 lb N, 63 lb P₂O₅, and 95 lb K₂O/acre.
Previous Crop: Corn.
Management: Chisel plowed, disked, and rototilled; Lasso, Roundup and Post used for weed control; Domark used for Asian Soybean Rust control; Dimilin used for insect control; irrigated 9.0 inches.

Test conducted by J. Gassett and G. Ware.

Preliminary data as of 12/8/08.

Griffin, Georgia: Late-Planted Soybean Variety Performance, 2008, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2008 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	7732nRR	50.2	2	36.1	10/17	34	1.0	13.3	1.0	1.0
Public Variety	Motte	49.8	1	37.6	10/21	26	1.0	14.6	1.5	1.0
Public Variety	Santee	49.4	20 ^T	29.1	10/15	30	1.0	12.9	1.5	1.0
UGA	G03-1187RR	47.6	16	29.5	10/18	30	1.0	12.2	1.5	1.0
SS	RT7355N	47.0	15 ^T	29.7	10/17	25	1.0	12.1	1.5	1.0
Asgrow	AG7501	46.8	25 ^T	27.2	10/15	29	1.0	14.0	1.0	1.0
Pioneer	97M50	46.7	4	33.4	10/15	29	1.0	11.2	1.0	1.0
SS	RT7270N	46.5	7	31.8	10/16	31	1.0	11.5	1.0	1.0
UGA	G03-2388RR	46.2	17	29.4	10/30	33	1.0	16.4	2.0	1.0
AgSouth	Prichard	44.5	24 ^T	28.1	10/26	30	1.0	11.7	1.5	1.0
AgSouth	Haskell	44.4	27 ^T	26.9	10/14	29	1.0	13.6	2.0	1.0
AgSouth	AGS758RR	44.3	3	33.5	10/15	26	1.0	11.6	1.0	1.0
Vigoro	V72N7RR	43.3	18 ^T	29.3	10/15	32	1.0	11.9	1.0	1.0
DPL	DP7870RR	42.9	11	31.3	10/17	31	1.0	11.7	1.5	1.0
UGA	G04-236RR	42.3	22	28.7	10/16	27	1.0	10.0	1.5	1.0
DPL	DPX73303RR	42.1	15 ^T	29.7	10/15	27	1.0	12.5	1.0	1.0
Public Variety	SC01-803	42.0	33	25.0	10/18	26	1.0	12.5	1.0	1.0
AgSouth	Prichard RR	41.6	24 ^T	28.1	10/29	32	1.0	12.3	1.5	1.0
SS	RT7499N	41.3	25 ^T	27.2	10/19	32	1.0	11.4	1.0	1.0
UGA	G03-1569RR	41.3	37	24.6	10/24	33	1.0	14.2	1.5	1.0
USG	77S27	41.0	20 ^T	29.1	10/16	32	1.0	11.6	1.0	1.0
UGA	G03-2014RR	40.7	26	27.0	10/23	32	1.0	11.5	1.5	1.0
AgSouth	Benning	40.7	35 ^T	24.8	10/16	30	1.0	12.5	2.5	1.0
DeKalb	H7242RR	40.6	8 ^T	31.7	10/16	31	1.0	12.3	1.5	1.0
UGA	G-Has(4)PHY-1	40.2	27 ^T	26.9	10/17	29	1.0	14.1	2.0	1.0
NK	S80-P2	40.2	38	23.8	10/18	27	1.0	14.4	1.5	1.0
Public Variety	Cook	40.1	34	24.9	10/16	30	1.0	11.4	1.5	1.0
NK	S78-G6	39.8	31	25.4	10/18	27	1.0	14.9	2.0	1.0
Public Variety	SC01-819	39.2	28 ^T	26.6	10/17	28	1.0	13.4	1.0	1.0
SS	RT7999N	37.3	32	25.3	10/22	30	1.0	12.6	1.5	1.0
JGL	Exp874	.	5	32.3	10/13	29	1.0	13.0	1.5	1.0
Asgrow	AG7502	.	6	32.0	10/19	34	1.0	12.0	1.5	1.0
UGA	G07PR-431	.	8 ^T	31.7	10/14	35	1.0	11.3	1.0	1.0
DynaGro	32R74	.	9	31.6	10/17	31	1.0	11.9	1.5	1.0
Vigoro	V76N9RR	.	10 ^T	31.5	10/25	30	1.0	12.8	1.0	1.0
Vigoro	V74N9RR	.	10 ^T	31.5	10/19	31	1.0	13.0	1.5	1.0
UGA	G04-2215RR	.	10 ^T	31.5	10/17	24	1.0	10.0	1.5	1.0
UGA	G04-1618RR	.	12	31.2	10/17	31	1.0	11.2	1.5	1.0
NK	S74-W6	.	13	31.1	10/15	29	1.0	13.1	2.5	1.0
Progeny	7408RR	.	14	29.8	10/18	32	1.0	13.0	1.5	1.0

**Griffin, Georgia:
Late-Planted Soybean Variety Performance, 2008, Irrigated
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield	2008 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										
Asgrow	AG7201	.	15 ^T	29.7	10/16	33	1.0	12.5	1.5	1.0
UGA	G07PR-397	.	18 ^T	29.3	10/15	30	1.0	11.5	1.0	1.0
JGL	Exp875	.	19	29.2	10/14	30	1.0	10.3	1.0	1.0
UGA	G04-3248RR	.	21 ^T	28.8	10/22	30	1.0	10.8	1.5	1.0
Public Variety	SC01-208	.	21 ^T	28.8	10/18	27	1.0	12.1	1.5	1.0
UGA	G00-3209	.	23	28.6	10/20	28	1.0	14.3	2.0	1.0
DynaGro	35K73	.	24 ^T	28.1	10/15	29	1.0	14.2	1.0	1.0
UGA	G07PR-443	.	24 ^T	28.1	10/17	30	1.0	11.8	1.0	1.0
Progeny	7208RR	.	28 ^T	26.6	10/19	32	1.0	13.5	1.5	1.0
Pioneer	95Y11	.	29	25.9	10/23	33	1.0	13.0	1.5	1.0
USG	77U28	.	30	25.6	10/18	29	1.0	13.6	1.5	1.0
UGA	G04-2656RR	.	35 ^T	24.8	10/19	28	1.0	12.8	2.0	1.0
UGA	G04-2913RR	.	36	24.7	10/20	26	1.0	10.8	1.5	1.0
UGA	G04-2414RR	.	39	22.2	10/14	23	1.0	10.9	1.5	1.0
Average		43.3		28.8 ⁵	10/18	30	1.0	12.5	1.4	1.0
LSD at 10% Level		6.3		5.5	02	4	-	-	-	-
Std. Err. of Entry Mean		2.2		2.4	01	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 = 14.2% and df for EMS = 106.

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, 2008.

Harvested: November 4, 2008.

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

Soil Type: Cecil sandy loam.

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

Fertilization: 32 lb N, 63 lb P₂O₅, and 95 lb K₂O/acre.

Previous Crop: Corn.

Management: Chisel plowed, disked, and rototilled; Lasso, Roundup and Poast used for weed control; Domark used for Asian Soybean Rust control; Dimilin used for insect control; irrigated 2.6 inches.

Test conducted by J. Gassett and G. Ware.

Preliminary data as of 12/8/08.

Athens, Georgia: Early-Planted Soybean Variety Performance, 2008, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2008 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
Maturity Group V										
SS	RT5930N	53.3	10	37.2	09/29	21	1.0	16.5	2.5	.
AgSouth	AGS568RR	53.2	1	41.4	10/01	19	1.0	18.1	2.2	.
Asgrow	AG5905	52.2	15	35.1	09/30	22	1.0	15.8	2.5	.
USG	USG 7582nRR	50.7	5	38.5	09/30	20	1.0	16.5	2.5	.
USG	Allen	48.6	9	37.4	10/04	23	1.0	15.2	2.2	.
SS	RT5760N	46.7	14	35.6	09/29	22	1.0	19.4	3.3	.
SS	RT5540N	45.6	16 ^T	34.7	09/27	24	1.0	16.1	2.7	.
Public Variety	Ozarks	44.1	6	38.3	09/28	20	1.0	19.5	2.7	.
SS	RT5951N	43.7	19	32.6	10/01	17	1.0	19.3	2.5	.
SS	RT5960N	43.5	17 ^T	34.6	10/01	22	1.0	18.6	3.0	.
UGA	G03-1668 RR	43.4	21	31.2	10/01	19	1.0	15.2	2.7	.
Progeny	5650RR	.	2	41.0	10/03	23	1.0	15.0	2.3	.
Progeny	5622RR	.	3	40.3	10/01	21	1.0	16.7	2.5	.
University of AR	R01-976	.	4	38.6	10/01	18	1.0	18.7	3.0	.
DynaGro	33X55	.	7	38.0	09/29	20	1.0	18.3	2.5	.
Pioneer	95Y20	.	8	37.5	09/30	18	1.0	16.2	2.5	.
SS	RT5666N	.	11	36.6	09/27	20	1.0	17.0	2.5	.
USG	75Z98	.	12	36.5	10/02	21	1.0	19.2	2.3	.
Progeny	5706RR	.	13	35.7	10/03	20	1.0	14.8	2.2	.
University of AR	Osage	.	16 ^T	34.7	10/03	19	1.0	15.6	3.0	.
SS	RT5160N	.	17 ^T	34.6	09/29	21	1.0	17.6	2.7	.
Pioneer	95Y41	.	18	32.8	09/26	23	1.0	19.0	3.2	.
Schillinger	557RC	.	20	32.2	09/28	18	1.0	16.1	2.7	.
Progeny	5115RR	.	22	29.0	09/24	22	1.0	15.6	3.2	.
Average		47.7		36.0 ⁵	09/29	21	1.0	17.1	2.6	.
LSD at 10% Level		N.S. ⁶		5.2	02	3	-	0.9	0.3	.
Std. Err. of Entry Mean		1.6		2.2	01	1	-	0.4	0.1	.
Maturity Group VI										
SS	RT6207N	56.5	6	55.5	10/08	27	1.0	15.3	2.0	.
Asgrow	DKB64-51	56.0	4	57.3	10/10	32	1.7	15.4	2.0	.
SS	RT6600N	54.7	13	51.6	10/17	31	2.0	16.2	1.5	.
Asgrow	AG6702	54.6	5	55.7	10/15	36	1.7	15.9	1.5	.
AGS	606RR	53.7	9	53.4	10/06	23	1.0	17.4	2.2	.
Vigoro	V61N9RR	51.8	17	48.7	10/07	22	1.0	17.6	1.8	.
USG	7635nRR	51.1	19	46.6	10/07	24	1.0	19.1	2.3	.
Public Variety	Musen	50.0	20	46.3	10/17	33	2.0	12.6	2.0	.
USG	620nRR	49.3	15	49.8	10/10	27	1.7	17.7	2.0	.
SS	RT6451N	49.1	8	54.4	10/09	32	1.7	15.1	1.8	.
Asgrow	AG6301	46.5	14 ^T	51.2	10/09	24	1.0	17.6	1.8	.
JGL	Exp862	.	1	60.8	10/08	27	1.0	18.0	2.0	.
University of AR	R01-327	.	2	58.0	10/08	30	1.0	19.8	2.0	.
SS	RT6988N	.	3	57.5	10/16	36	1.0	16.8	1.8	.
University of AR	R01-2346	.	7 ^T	55.3	10/06	26	1.0	19.1	2.7	.
NK	S61-Q2	.	7 ^T	55.3	10/06	25	1.0	18.1	2.2	.
UGA	G04-2947RR	.	10	52.3	10/11	31	1.0	14.8	1.5	.
USG	76S17	.	11	52.2	10/08	26	1.0	16.5	2.2	.
Progeny	6208RR	.	12	51.7	10/08	26	1.0	18.5	2.3	.
University of AR	R31-1134	.	14 ^T	51.2	10/04	25	1.0	19.0	2.3	.

Athens, Georgia:
Early-Planted Soybean Variety Performance, 2008, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2008 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										
University of AR	R03-1232	.	16	48.9	10/09	26	1.0	17.8	2.7	.
AgSouth	AGS BoggsRR	.	18	48.5	10/10	29	2.0	13.8	1.7	.
JGL	Exp866	.	21	44.7	10/05	23	1.0	15.0	2.5	.
Average		52.1		52.5 ⁷	10/09	28	1.2	16.8	2.0	.
LSD at 10% Level		N.S.		6.3	02	3	0.3	1.1	0.4	.
Std. Err. of Entry Mean		1.7		2.6	01	1	0.1	0.4	0.2	.
Maturity Group VII and VIII										
UGA	G03-1187RR	57.6	2	56.3	10/21	33	1.0	14.2	2.3	.
USG	77S27	57.2	4	55.5	10/12	34	1.0	14.7	2.2	.
Public Variety	SC01-819	55.7	15	50.2	10/27	35	1.0	16.6	2.5	.
NK	S78-G6	54.5	5	55.0	10/22	33	1.3	18.0	3.0	.
Vigoro	V72N7RR	54.3	25 ^T	47.7	10/11	29	1.0	14.3	2.3	.
NK	S80-P2	53.1	8 ^T	52.7	10/22	33	1.0	18.3	2.5	.
AgSouth	AGS758RR	52.2	28	46.5	10/15	31	1.0	13.1	2.3	.
Asgrow	AG7501	51.9	11	51.2	10/15	32	1.0	16.2	2.3	.
Public Variety	SC01-803	51.7	25 ^T	47.7	10/28	33	1.0	16.0	2.3	.
Pioneer	97M50	50.7	29 ^T	46.3	10/18	36	1.0	13.7	2.3	.
Public Variety	Santee	50.7	35	44.4	10/16	33	1.0	14.4	2.3	.
SS	RT7999N	50.5	41	42.5	10/24	33	1.0	13.6	2.2	.
DeKalb	H7242RR	50.4	18 ^T	49.5	10/20	36	1.0	14.2	2.3	.
AgSouth	Benning	50.4	20	49.3	10/18	32	1.0	14.8	2.3	.
Public Variety	Cook	50.2	13 ^T	50.4	10/25	35	1.3	17.0	2.5	.
DPL	DPX73303RR	50.0	30	45.8	10/20	26	1.0	15.4	2.3	.
UGA	G03-1569RR	49.5	32	45.2	10/24	39	1.0	12.3	2.0	.
AgSouth	Prichard	49.4	24 ^T	48.0	10/27	35	1.0	13.7	2.3	.
DPL	DP7870RR	49.2	10	51.6	10/19	40	1.0	14.2	2.8	.
SS	RT7270N	48.8	22	48.3	10/11	30	1.0	13.8	2.3	.
UGA	G03-2014RR	48.1	21	48.7	10/23	41	1.3	12.4	2.0	.
UGA	G04-236RR	47.3	36	44.1	10/19	27	1.0	11.3	2.3	.
SS	RT7355N	47.1	38	43.5	10/21	25	1.0	13.0	2.2	.
Public Variety	Motte	46.8	37	43.8	10/25	40	1.3	13.1	2.8	.
UGA	G03-2388RR	46.4	25 ^T	47.7	10/25	36	1.7	15.1	2.2	.
AgSouth	Prichard RR	44.9	44	40.6	10/30	34	1.0	12.5	2.0	.
USG	7732nRR	44.8	39	43.1	10/17	34	1.0	14.6	2.2	.
SS	RT7499N	43.3	43	41.1	10/18	31	1.0	12.8	2.0	.
AgSouth	Haskell	42.8	45 ^T	40.5	10/18	32	1.0	15.2	2.3	.
UGA	G-Has(4)PHY-1	41.2	42	41.9	10/18	34	1.7	16.7	2.2	.
UGA	G00-3209	.	1	63.4	10/28	31	1.3	17.4	2.2	.
UGA	G04-1618RR	.	3	56.2	10/21	25	1.0	13.6	2.3	.
USG	77U28	.	6	54.3	10/11	30	1.0	15.9	2.2	.
Asgrow	AG7201	.	7	53.8	10/26	39	1.0	14.6	2.5	.
Progeny	7208RR	.	8 ^T	52.7	10/15	29	1.0	16.0	2.5	.
Vigoro	V76N9RR	.	9	51.8	10/24	35	1.0	13.5	2.3	.
JGL	Exp874	.	12	51.1	10/17	37	1.0	15.1	2.8	.
UGA	G04-2656RR	.	13 ^T	50.4	10/22	38	1.3	15.4	2.5	.
UGA	G04-3248RR	.	14	50.3	10/28	34	1.0	11.9	2.3	.
NK	S74-W6	.	16	50.0	10/18	28	1.0	15.5	2.3	.

Athens, Georgia:
Early-Planted Soybean Variety Performance, 2008, Irrigated
(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2008 Data							
			Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
Maturity Group VII and VIII - continued										
UGA	G04-2215RR	.	17	49.9	10/19	25	1.0	11.1	2.3	.
Asgrow	AG7502	.	18 ^T	49.5	10/23	36	1.0	14.1	2.5	.
Pioneer	95Y11	.	19	49.4	10/16	31	1.0	14.1	2.3	.
UGA	G04-2414RR	.	23	48.2	10/17	26	1.0	13.4	2.3	.
Vigoro	V74N9RR	.	24 ^T	48.0	10/22	31	1.0	14.8	2.5	.
JGL	Exp875	.	26	47.1	10/16	44	1.0	12.4	2.3	.
Public Variety	SC01-208	.	27	46.6	10/20	30	1.0	13.9	2.2	.
DynaGro	35K73	.	29 ^T	46.3	10/14	32	1.0	15.5	2.2	.
Progeny	7408RR	.	31	45.5	10/22	30	1.0	15.1	2.5	.
UGA	G07PR-443	.	33	45.1	10/17	35	1.0	13.9	2.3	.
UGA	G04-2913RR	.	34	44.9	10/21	32	1.0	12.1	2.0	.
DynaGro	32R74	.	40	42.8	10/20	29	1.0	14.3	2.5	.
UGA	G07PR-397	.	45 ^T	40.5	10/15	37	1.0	13.7	2.2	.
UGA	G07PR-431	.	46	39.7	10/16	31	1.0	13.8	2.0	.
Average		49.7		48.1 ⁸	10/19	33	1.1	14.4	2.3	.
LSD at 10% Level		6.2		6.9	02	5	0.3	1.0	0.4	.
Std. Err. of Entry Mean		2.1		3.0	02	2	0.1	0.4	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 = 10.5% and df for EMS = 46.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 8.7% and df for EMS = 44.
8. CV = 10.6% and df for EMS = 106.

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 13, 2008.
Maturity Groups VI, VII and VIII - May 12, 2008.
Harvested: Maturity Group V - October 7, 2008.
Maturity Group VI - October 23, 2008.
Maturity Group VII and VIII - November 7, 2008.

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

Soil Type:

Soil Test:

Fertilization:

Previous Crop:

Management:

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

Preliminary data as of 12/8/08.

Calhoun, Georgia: Early-Planted Soybean Variety Performance, 2008, Irrigated

Company or Brand Name	Variety	2-Year		2008 Data						
		Average Yield bu/acre	Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating	Shatt. ⁴ rating
Maturity Group V										
UGA	G03-1668 RR	46.9	3	43.2	10/07	38	1.5	16.7	1.5	1.0
AgSouth	AGS568RR	46.2	6 ^T	41.9	10/07	39	1.8	18.7	1.5	1.0
SS	RT5760N	45.4	1	46.3	10/07	44	1.2	21.3	2.0	1.0
SS	RT5930N	45.0	4	43.1	10/11	48	2.2	16.9	2.0	1.0
SS	RT5540N	43.5	5	42.0	10/10	48	1.8	17.5	2.0	1.0
USG	Allen	42.8	11	38.0	10/11	46	1.5	16.7	2.0	1.0
Asgrow	AG5905	41.5	14	36.4	10/09	47	1.2	15.9	2.0	1.0
Public Variety	Ozarks	40.0	20	33.4	10/10	40	1.3	18.4	2.0	1.0
USG	USG 7582nRR	39.8	12 ^T	37.8	10/09	43	2.3	16.0	1.5	1.0
SS	RT5951N	39.4	21	33.1	10/10	40	1.2	20.8	2.0	1.0
SS	RT5960N	36.6	19	33.6	10/08	46	2.0	20.9	2.5	1.0
Progeny	5650RR	.	2	45.7	10/13	42	3.0	15.8	2.0	1.0
SS	RT5160N	.	6 ^T	41.9	10/11	42	2.7	17.4	2.0	1.0
USG	75Z98	.	7	41.7	10/09	37	2.2	16.5	1.5	1.0
Progeny	5622RR	.	8	41.6	10/10	45	2.2	16.5	2.0	1.0
Progeny	5706RR	.	9	40.3	10/13	42	1.7	17.0	2.5	1.0
SS	RT5666N	.	10	38.7	10/08	44	2.5	18.7	2.5	1.0
Pioneer	95Y41	.	12 ^T	37.8	10/11	39	2.2	17.6	3.0	1.0
Pioneer	95Y20	.	13	37.3	10/09	38	1.0	16.9	2.5	1.0
University of AR	R01-976	.	15	35.8	10/11	39	1.2	17.7	1.5	1.0
Schillinger	557RC	.	16	35.0	10/09	39	1.0	16.8	2.0	1.0
DynaGro	33X55	.	17	34.5	10/07	41	1.0	19.0	1.5	1.0
University of AR	Osage	.	18	33.8	10/06	34	1.0	16.0	2.0	1.0
Progeny	5115RR	.	22	23.7	10/09	43	3.0	13.7	4.0	1.0
Average		42.5		38.2 ⁵	10/09	42	1.8	17.5	2.1	1.0
LSD at 10% Level		N.S. ⁶		7.4	03	3	1.0	-	-	-
Std. Err. of Entry Mean		2.4		3.1	01	1	0.4	-	-	-
Maturity Group VI										
Vigoro	V61N9RR	53.7	6 ^T	51.9	10/07	44	3.2	18.7	3.0	1.0
AGS	606RR	52.3	4	52.5	10/09	40	2.2	18.9	1.5	1.0
USG	620nRR	49.3	6 ^T	51.9	10/09	45	3.2	16.9	2.0	1.0
Asgrow	DKB64-51	48.8	3	52.6	10/07	40	2.5	16.0	3.0	1.0
USG	7635nRR	47.1	8	50.5	10/10	42	1.7	19.9	2.0	1.0
SS	RT6451N	44.8	17	46.9	10/09	46	2.2	15.4	2.5	1.0
Asgrow	AG6702	43.9	18	46.8	10/08	45	3.0	15.2	2.0	1.0
SS	RT6600N	43.6	20	43.6	10/08	42	2.8	15.4	1.5	1.0
SS	RT6207N	41.8	7	51.8	10/09	41	1.5	15.5	2.5	1.0
Public Variety	Musen	39.6	21	31.4	10/07	37	2.2	12.6	2.0	1.0

(Continued)

Company or Brand Name	Variety	2-Year Average Yield	2008 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										
Asgrow	AG6301	37.9	10	49.4	10/07	42	1.8	17.1	2.5	1.0
University of AR	R03-1232	.	1	55.6	10/11	38	1.0	18.2	2.0	1.0
University of AR	R31-1134	.	2	53.3	10/11	39	2.5	20.5	2.5	1.0
USG	76S17	.	5	52.2	10/09	43	2.5	17.2	1.5	1.0
University of AR	R01-2346	.	6 ^T	51.9	10/12	38	1.3	18.7	1.5	1.0
University of AR	R01-327	.	9	49.7	10/12	42	1.7	19.7	3.0	1.0
UGA	G04-2947RR	.	11	49.2	10/07	44	2.5	15.4	2.0	1.0
SS	RT6988N	.	12	49.0	10/08	49	2.5	17.6	3.0	1.0
AgSouth	AGS BoggsRR	.	13	48.8	10/07	40	4.0	13.4	2.0	1.0
NK	S61-Q2	.	14	48.7	10/09	45	2.2	19.5	1.5	1.0
JGL	Exp862	.	15	48.0	10/07	45	3.3	19.0	2.0	1.0
Progeny	6208RR	.	16	47.4	10/08	42	2.3	18.9	3.0	1.0
JGL	Exp866	.	19	45.2	10/07	36	2.0	15.8	1.5	1.0
Average		45.7		49.1 ⁷	10/09	42	2.3	17.2	2.2	1.0
LSD at 10% Level		N.S.		6.7	03	3	0.9	-	-	-
Std. Err. of Entry Mean		2.8		2.8	01	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. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 14.2% and df for EMS = 46.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.
7. CV = 9.9% 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 23, 2008.

Harvested: Maturity Group V - October 28, 2008
Maturity Group VI - October 30, 2008

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

Soil Type: Maturity Group V - Etowah loam
Maturity Group VI - Wax loam

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

Fertilization: 20 lb N, 60 lb P₂O₅, and 100 lb K₂O/acre.

Previous Crop: Maturity Group V - Sunflowers
Maturity Group VI - Wheat

Management: Moldboard plowed, disked, and rototilled; Lasso, Roundup, Classic, Basagran and one cultivation used for weed control; Dimilin and Lorsban used for insect control; Domark used for Asian Soybean Rust control; irrigated 12.0 inches.

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