

Midville, Georgia: Ultra-Late Planted Soybean Variety Performance, 2014, Irrigated

Company or Brand Name	Variety	2014 Data			
		Yield ¹ bu/acre	Plant Ht in	Lodg. ² rating	Shatt. ³ rating
GoSoy	5911LL	39.1	26	1.0	1.0
Armor	55-R22	36.5	25	1.0	1.0
Pioneer	95Y70	36.1	26	1.0	1.0
Asgrow	AG7934	35.7	19	1.0	1.0
Bayer	HBK RY5421	34.8	20	1.0	1.0
AgSouth	AGS 568RR	34.5	21	1.0	1.0
Pioneer	95Y71	34.4	23	1.0	1.0
Public Variety	Cook	30.4	19	1.0	1.0
AgSouth	AGS 828 RR	29.7	21	1.0	1.0
Dyna-Gro	S74RY15	28.5	18	1.0	1.0
Public Variety	Motte	28.1	18	1.0	1.0
AgSouth	AGS Woodruff	26.1	16	1.0	1.0
SS	SS 6810N R2	25.7	15	1.0	1.0
Bayer	HBK RY7523	24.9	15	1.0	1.0
Public Variety	Musen	24.6	17	1.0	1.0
US Seeds	Halo 5:45	24.2	21	1.0	1.0
USG	77S63R	23.7	17	1.0	1.0
Dyna-Gro	S69RY34	23.5	19	1.0	1.0
AgSouth	AGS 787 RR	21.5	16	1.0	1.0
SS	5911N R2	16.5	16	1.0	1.0
Average		28.9 ⁴	19	1.0	1.0
LSD at 10% Level		3.7	2	.	.
Std. Err. of Entry Mean		1.5	1	.	.

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
4. CV = 9.2% and df for EMS = 38.

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

Planted: August 7, 2014.

Harvested: November 21, 2014.

Seeding Rate: Three seeds per foot in 7" rows.

Soil Type: Tifton sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 6.2.

Fertilization: 30 lb N, 50 lb P₂O₅, and 70 lb K₂O/acre. Topdress: 0 lb N/acre.

Previous Crop: Cotton.

Management: Disked and field conditioned; Reflex and Basagran used for weed control; Lorsban, Belt, Bifintherin, and Dimilin used for insect control; Headline used for fungal control; irrigated 7.5 inches.

	Aug.	Sept.	Oct.	Nov.
Rainfall (in.)	2.65	3.73	3.70	4.22

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

Research funded by the Georgia Commodity Commission for Soybean.

Attapulugus, Georgia: Ultra-Late Planted Soybean Variety Performance, 2014, Irrigated

Company or Brand Name	Variety	2-Year Average		2014 Data				
		Yield bu/acre	Rank	Yield ¹ bu/acre	Plant Ht in	Weight of 100 Seed gm	Seed Quality ² rating	Shatt. ³ rating
Pioneer	95Y70	32.9	1	36.3	23	14.4	1.5	1.0
US Seeds	Halo 5:45	29.1	3	31.8	22	16.0	1.7	1.0
Asgrow	AG7934	25.8	7	27.4	17	16.2	1.5	1.0
Armor	55-R22	24.3	4	29.9	17	17.6	1.5	1.0
Pioneer	95Y71	23.4	6	29.4	19	14.7	1.3	1.0
Public Variety	Cook	23.3	5	29.8	19	19.1	1.5	1.0
AgSouth	AGS 568RR	21.1	9	23.4	19	15.8	1.5	1.0
Public Variety	Motte	18.9	12	18.4	17	17.9	1.5	1.0
Bayer	HBK RY5421	18.5	11	21.2	17	17.9	1.5	1.0
AgSouth	AGS 828 RR	17.9	8	25.1	19	16.1	1.7	1.0
Public Variety	Musen	15.9	13	15.5	17	14.3	1.7	1.0
AgSouth	AGS Woodruff	15.7	10	21.4	14	20.2	1.5	1.0
Bayer	HBK RY7523	15.6	19	10.5	13	19.2	2.3	1.0
Dyna-Gro	S69RY34	14.9	14	14.2	17	19.1	1.5	1.7
SS	SS 6810N R2	13.4	16	11.8	14	16.5	1.7	1.0
Dyna-Gro	S74RY15	12.5	15	12.5	14	20.0	2.0	1.0
AgSouth	AGS 787 RR	9.6	18	10.9	15	17.2	1.7	1.0
USG	77S63R	8.4	17	11.3	15	18.3	2.2	1.0
SS	5911N R2	3.8	20	3.3	13	17.5	2.5	3.8
GoSoy	5911LL	.	2	35.8	23	15.6	1.5	1.0
Average		18.2		21.0 ⁴	17	17.2	1.7	1.2
LSD at 10% Level		7.9		4.8	2	0.9	0.4	0.4
Std. Err. of Entry Mean		1.5		2.0	1	0.4	0.2	0.2

1. Yields calculated at 13% moisture.
2. Seed quality rating: Rated 1 (very good) to 5 (very poor).
3. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
4. CV = 19.8% and df for EMS = 38.

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

Planted: August 6, 2014.

Harvested: December 2, 2014.

Seeding Rate: Three seeds per foot in 7" rows.

Soil Type: Dothan loamy sand.

Soil Test: P = Medium, K = Medium, and pH = 6.2.

Fertilization: 50 lb N, 80 lb P₂O₅, and 80 lb K₂O/acre. Topdress: 30 lb N/acre.

Previous Crop: Corn.

Management: Disked and field conditioned; Valor and Dual at planting used for weed control; Karate and Baythroid used for insect control; irrigated 5.5 inches.

	Aug.	Sept.	Oct.	Nov.
Rainfall (in.)	0.61	7.64	3.08	5.91

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

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