

Summary of Ultra-Late Planted Soybean Variety Performance, 2015

Company/Brand	Variety	Yield ¹		Statewide Averages	
		Griffin	Midville	2015	2-Year
----- bu/acre -----					
AGSouth	AGS 533 LL	29.0	22.4	25.7	.
AGSouth	AGS 568RR	26.8	24.3	25.5	27.2
AGSouth	AGS 5911LL	33.2	20.2	26.7	.
AGSouth	AGS 738 RR	12.3	19.4	15.9	.
AGSouth	AGS 828 RR	17.8	14.5	16.1	21.8
AR	UA 5612	23.7	15.7	19.7	.
Bayer	CZ 7070 RY	23.0	13.6	18.3	.
Bayer	HBK LL5350	19.2	15.1	17.1	.
Croplan Genetics	R2C7622	19.5	15.7	17.6	.
Dyna-Gro	S65RY73	13.2	11.6	12.4	.
NK	S67-R6 Brand	39.9	28.2	34.1	.
NK	S74-M3	19.9	19.5	19.7	.
Public Variety	Osage	24.6	17.9	21.2	.
Public Variety	Santee	20.3	17.5	18.9	.
SS	5513N R2	28.2	22.4	25.3	.
SS	5711N R2	25.5	21.6	23.6	.
SS	SS 6810N R2	24.0	20.6	22.3	20.5
Terral-REV®	56R63™	30.6	22.5	26.6	.
Terral-REV®	57R21™	22.8	21.6	22.2	.
USG	77S40R	10.3	16.3	13.3	.
Average		23.2	19.0	21.1	23.2
LSD at 10% Level		4.8	3.7	3.6	3.3
Std. Err. of Entry Mean		2.0	1.6	1.6	1.4

1. Yields calculated at 13% moisture.

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

Midville, Georgia: Ultra-Late Planted Soybean Variety Performance, 2015, Irrigated

Company or Brand Name	Variety	Mat. Group	2-Year Average Yield bu/acre	2015 Data						
				Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
AGSouth	AGS 568RR	5	29.4	2	24.3	11/26	24	1.0	.	.
SS	SS 6810N R2	6	23.2	6	20.6	11/25	17	1.0	.	.
AGSouth	AGS 828 RR	8	22.1	15	14.5	11/27	17	1.0	.	.
NK	S67-R6 Brand	6	.	1	28.2	11/30	25	1.0	.	.
Terral-REV®	56R63™	5	.	3	22.5	12/02	24	1.0	.	.
AGSouth	AGS 533 LL	5	.	4 ^T	22.4	11/30	24	1.0	.	.
SS	5513N R2	5	.	4 ^T	22.4	11/27	23	1.0	.	.
SS	5711N R2	5	.	5 ^T	21.6	11/30	23	1.0	.	.
Terral-REV®	57R21™	5	.	5 ^T	21.6	11/30	22	1.0	.	.
AGSouth	AGS 5911LL	5	.	7	20.2	12/04	25	1.0	.	.
NK	S74-M3	7	.	8	19.5	11/27	17	1.0	.	.
AGSouth	AGS 738 RR	7	.	9	19.4	11/25	16	1.0	.	.
Public Variety	Osage	5	.	10	17.9	11/30	19	1.0	.	.
Public Variety	Santee	7	.	11	17.5	11/22	18	1.0	.	.
USG	77S40R	7	.	12	16.3	11/28	14	1.0	.	.
AR	UA 5612	5	.	13 ^T	15.7	11/26	20	1.0	.	.
Croplan Genetics	R2C7622	7	.	13 ^T	15.7	11/27	16	1.0	.	.
Bayer	HBK LL5350	5	.	14	15.1	11/29	22	1.0	.	.
Bayer	CZ 7070 RY	7	.	16	13.6	11/22	14	1.0	.	.
Dyna-Gro	S65RY73	6	.	17	11.6	11/20	13	1.0	.	.
Average			24.9		19.0 ⁴	11/27	20	1.0	.	.
LSD at 10% Level			N.S. ⁵		3.7	1	2	.	.	.
Std. Err. of Entry Mean			1.7		1.6	1	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 = 16.3% and df for EMS = 57.
5. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.

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

Planted: August 20, 2015.

Harvested: December 11, 2015.

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

Soil Type: Tifton sandy loam.

Soil Test: P = Medium, K = Medium, and pH = 6.4.

Fertilization: 0 lb N, 0 lb P₂O₅, and 0 lb K₂O/acre. Sidedress: 39 lb N/per acre.

Previous Crop: Corn.

Management: Disked and field conditioned; Prowl used for weed control; Lorsban and Radiant used for insect control; Domark used for fungal control; irrigated 3.7 inches.

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

Attapulugus, Georgia: Ultra-Late Planted Soybean Variety Performance, 2015, Irrigated

Company or Brand Name	Variety	Mat. Group	2-Year Average Yield bu/acre	2015 Data						
				Rank	Yield ¹ bu/acre	Maturity date	Plant Ht in	Lodg. ² rating	Wt of 100 Seed gm	Seed Quality ³ rating
AGSouth	AGS 568RR	5	25.1	6	26.8	10/31	24	1.0	17.5	1.6
AGSouth	AGS 828 RR	8	21.4	17	17.8	11/04	18	1.0	16.3	2.3
SS	SS 6810N R2	6	17.9	9	24.0	11/02	20	1.0	16.5	2.1
NK	S67-R6 Brand	6	.	1	39.9	11/07	24	1.0	17.7	1.6
AGSouth	AGS 5911LL	5	.	2	33.2	11/06	26	1.0	16.5	2.0
Terral-REV®	56R63™	5	.	3	30.6	11/07	26	1.0	17.4	1.8
AGSouth	AGS 533 LL	5	.	4	29.0	11/02	25	1.0	15.3	1.8
SS	5513N R2	5	.	5	28.2	11/03	22	1.0	17.0	1.6
SS	5711N R2	5	.	7	25.5	11/05	22	1.0	17.5	2.1
Public Variety	Osage	5	.	8	24.6	11/07	17	1.0	17.6	1.6
AR	UA 5612	5	.	10	23.7	11/01	21	1.0	16.2	1.9
Bayer	CZ 7070 RY	7	.	11	23.0	11/01	18	1.0	16.5	1.5
Terral-REV®	57R21™	5	.	12	22.8	11/05	25	1.0	16.0	2.0
Public Variety	Santee	7	.	13	20.3	11/02	21	1.0	16.6	2.3
NK	S74-M3	7	.	14	19.9	11/04	18	1.0	19.0	2.4
Croplan Genetics	R2C7622	7	.	15	19.5	11/01	18	1.0	16.1	2.1
Bayer	HBK LL5350	5	.	16	19.2	11/03	20	1.0	15.1	1.9
Dyna-Gro	S65RY73	6	.	18	13.2	10/30	14	1.0	16.9	2.5
AGSouth	AGS 738 RR	7	.	19	12.3	11/03	15	1.0	17.2	2.3
USG	77S40R	7	.	20	10.3	11/03	13	1.0	17.6	2.0
Average			21.5		23.2 ⁴	11/03	20	1.0	16.8	2.0
LSD at 10% Level			N.S. ⁵		4.8	2	2	.	1.2	0.4
Std. Err. of Entry Mean			1.2		2.0	1	1	.	0.5	0.1

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. CV = 17.4% and df for EMS = 57.
5. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.

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

Planted: August 6, 2015.

Harvested: November 30, 2015.

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

Soil Type: Dothan loamy sand.

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

Fertilization: 84 lb N, 24 lb P₂O₅, and 120 lb K₂O/acre. Sidedress 30 lb N/per acre.

Previous Crop: Corn.

Management: Disked, field conditioned, and rototilled; Valor, Prowl, and Reflex used for weed control; Lorsban and Steward used for insect control; irrigated 3.5 inches.

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