

2007 Dryland Soybean Variety Trial Results at Edisto REC / Clemson University

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Dryland soybean Maturity Group IV variety trial results, Edisto REC, Blackville, SC, 2007.

Variety	Plant height	Moisture	Test weight	100 seeds weight	Seed number	Grain yield*
	inch	%	lb/Bu	gms	number/lb	Bu/acre
Vigoro V50N6RR	28.2	10.6	56.5	13.3	3412	39.6
Vigoro V46N6RR	22.4	10.5	52.8	16.0	2848	39.5
Asgrow AG4903	24.0	10.6	55.8	13.7	3316	31.9
Average	24.9	10.6	55.0	14.3	3192	37.0
LSD(0.05)	2.9	NS	0.8	0.4	103	NS
CV (%)	6.6	3.8	0.9	1.7	1.9	7.3

* Grain yield adjusted to 13% moisture.

Planting date: 9 May 2007

Seeding rate: 110,046 seeds/acre

Harvest date: 27 September 2007

Dryland soybean Maturity Group V and VI variety trial results, Edisto REC, Blackville, SC, 2007.

Variety	Plant height	Moisture	Test weight	100 seeds weight	Seed number	Grain yield*
	inch	%	lb/Bu	gms	number/lb	Bu/acre
Vigoro V63N7RR	38.0	11.0	53.3	15.1	3011	64.7
Vigoro V59N6RR	30.2	12.1	52.9	16.4	2788	59.0
Asgrow AG6301	33.5	12.4	54.1	13.2	3439	43.4
Asgrow AG6702	33.8	14.6	52.7	13.2	3508	39.8
Vigoro V67N6RR	29.7	16.1	53.5	14.6	3147	33.9
Average	33.0	13.2	53.3	14.5	3178	48.2
LSD(0.05)	5.1	3.5	NS	2.0	435	14.3
CV (%)	9.7	16.3	2.0	8.4	8.6	15.4

* Grain yield adjusted to 13% moisture.

Planting date: 9 May 2007

Seeding rate: 110,046 seeds/acre

Harvest date: 17 October 2007

Dryland soybean Maturity Group VII and VIII variety trial results, Edisto REC, Blackville, SC, 2007.

Variety	Plant height	Moisture	Test weight	100 seeds weight	Seed number	Grain yield*
	inch	%	lb/Bu	gms	number/lb	Bu/acre
Asgrow AG7601	33.1	12.7	58.1	14.7	3102	41.5
Asgrow AG7501	31.8	12.6	56.4	16.1	2828	39.9
Vigoro V72N7RR	32.4	12.2	56.3	12.5	3628	39.4
Pioneer 97M50	29.2	12.8	59.1	14.6	3142	39.0
Deltapine DP7870R	32.6	12.7	56.6	14.6	3126	34.1
Average	31.8	12.6	57.3	14.5	3165	38.8
LSD(0.05)	NS	0.4	0.5	1.5	315	3.4
CV (%)	6.9	1.9	0.5	6.7	6.4	5.7

* Grain yield adjusted to 13% moisture.

Planting date: 4 June 2007

Seeding rate: 110,046 seeds/acre

Harvest date: 31 October 2007