

2009 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, 2009.

Variety	Plant height	Moisture	Test weight	100 seed weight	Seed number	Grain yield*
	inch	%	lb/Bu	gms	#/lb	Bu/acre
Pioneer 94Y90	24.5	12.7	54.5	14.0	3239	23.2
Asgrow AG 4705	23.8	11.1	55.0	15.7	2898	21.8
Pioneer 94Y80	26.0	11.5	54.7	14.1	3241	21.6
Average	24.8	11.8	54.7	14.6	3126	22.2
LSD(0.05)	1.7	NS	NS	1.2	275	NS

* Grain yield adjusted to 13% moisture.

Planting date: 8 May 2009, seeding rate: 110,046 seeds/acre, and harvest date: 9 September 2009.

Dryland soybean Maturity Group V and VI variety trial results, Edisto REC, Blackville, SC, 2009.

Variety	Plant height	Moisture	Test weight	100 seed weight	Seed number	Grain yield*
	inch	%	lb/Bu	gms	#/lb	Bu/acre
Asgrow AG 6702**	25.1	14.2	53.8	17.5	2596	32.8
Pioneer 95Y70	27.1	16.2	54.1	13.4	3406	25.3
Asgrow AG 6301	23.8	16.0	54.5	14.2	3205	23.9
Pioneer 95M82	22.0	14.8	53.4	13.2	3439	23.4
Average	24.5	15.3	54.0	14.6	3162	26.4
LSD(0.05)	NS	NS	NS	1.3	326	6.8

* Grain yield adjusted to 13% moisture.

** Harvested on 4 November 2009.

Planting date: 8 May 2009, seeding rate: 110,046 seeds/acre, and harvest date: 22 October 2009.

Dryland soybean Maturity Group VII and VIII variety trial results, Edisto REC, Blackville, SC, 2009.

Variety	Plant height	Moisture	Test weight	100 seed weight	Seed number	Grain yield*
	inch	%	lb/Bu	gms	#/lb	Bu/acre
Pioneer 97M50	30.4	15.2	57.1	19.0	2394	38.4
Asgrow AG 7502	30.8	14.9	54.9	18.4	2475	35.3
Deltapine DP 7870	28.7	14.8	54.7	17.8	2554	33.1
Pioneer 98Y11	28.0	15.8	54.6	18.0	2532	28.5
Average	29.5	15.2	55.3	18.3	2489	33.8
LSD(0.05)	NS	0.4	0.3	NS	NS	NS

* Grain yield adjusted to 13% moisture.

Planting date: 1 June 2009, seeding rate: 110,046 seeds/acre, and harvest date: 16 November 2009.