

2007 Dryland Corn Variety Trials at Edisto REC / Clemson UniversityDr. Pawel Wiatrak pwiatra@clemson.edu**Dryland Stacked (Roundup Ready + Bt) Corn Variety Trial Results, Edisto REC, Blackville, SC, 2007.**

Hybrid	Plant height ft	Cob height ft	Moisture %	Test weight lb/Bu	100	Grain Yield* Bu/acre
					kernels weight gms	
Pioneer 31G71	8.4	3.3	11.9	59.3	26.9	145.3
Vigoro V53YR72	8.2	3.2	11.5	57.9	28.0	142.4
Pioneer 33M57	8.2	3.1	12.2	61.5	24.9	141.2
DeKalb DKC67-23RR	7.8	2.9	12.1	59.3	29.3	137.2
Vigoro V56RP63	7.4	3.0	12.1	58.4	27.3	132.3
DeKalb DKC67-87RR	8.0	3.0	12.1	59.5	29.4	130.8
Average	8.0	3.1	12.0	59.3	27.6	138.2
LSD(0.05)	NS	NS	0.3	0.6	NS	NS
CV (%)	6.6	9.4	1.7	0.7	10.3	8.4

* Grain yield adjusted to 15.5% moisture.

Dryland Roundup Ready Corn Variety Trial Results, Edisto REC, Blackville, SC, 2007.

Hybrid	Plant height ft	Cob height ft	Moisture %	Test weight lb/Bu	100	Grain Yield* Bu/acre
					kernels weight gms	
Dekalb DKC69-43RR	6.8	2.6	12.3	61.1	29.4	130.7
Vigoro V62R66	7.9	2.9	12.2	60.8	28.9	129.4
DeKalb DKC69-72RR	7.1	2.7	12.1	59.5	30.4	128.4
AgraTech 897RR	7.2	2.8	12.1	58.7	26.3	121.8
Vigoro V55R66	7.0	2.7	11.9	58.0	25.0	119.4
AgraTech 797RR	7.4	2.9	11.8	58.0	27.9	109.7
Average	7.2	2.8	12.1	59.4	28.0	123.2
LSD(0.05)	NS	NS	0.3	0.7	2.3	NS
CV (%)	7.7	9.3	1.8	0.7	5.4	11.3

* Grain yield adjusted to 15.5% moisture.

Dryland Conventional Corn Variety Trial Results, Edisto REC, Blackville, SC, 2007.

Hybrid	Plant height ft	Cob height ft	Moisture %	Test weight lb/Bu	100	Grain Yield* Bu/acre
					kernels weight gms	
Pioneer 31P41	6.9	2.5	12.4	61.1	37.6	152.7
AgraTech AG7901	7.1	2.6	12.4	61.6	26.3	143.5
Average	7.0	2.6	12.4	61.4	32.0	148.1
LSD(0.05)	NS	NS	NS	NS	0.5	NS
CV (%)	6.8	9.5	1.4	0.5	0.4	10.9

* Grain yield adjusted to 15.5% moisture.

Planting date: 26 March 2007

Seeding rate: 28,000 seeds/acre

Nitrogen application (liquid N): 30 lb/A on 27 March 2007 and sidedressed at 120 lb/A on 23 May 2007

Harvest date: 3 September 2007