

Irrigated corn variety performance trial at Wiggins¹ in 2006.

Hybrid	Grain		Test	Plant	Density	Lodging
	Yield	Moisture	Weight	Height		
	bu/ac	%	lb/bu	in	plants/ac	%
DEKALB DKC54-46 (RR2/YGPL)	221.4	14.6	57.8	101	32683	93.6
Mycogen 2P722 (HXI)	219.1	15.6	55.6	101	32868	81.1
NK Brand N67-D6 (GT/Bt/LL)	218.4	16.8	56.1	103	32693	86.5
Dyna-Gro 57P46 (RR/YGCB)	218.1	17.6	55.2	105	33624	86.4
Dyna-Gro 56P22 (RR/YGCB)	217.4	15.7	56.2	102	31944	84.0
Dyna-Gro 56X95 (HXI/LL)	212.4	15.6	56.8	103	32600	91.1
DEKALB DKC61-68 (RR2/YGRW)	211.5	14.5	56.3	97	33487	82.4
Dyna-Gro 57F37 (YGCB)	211.3	17.3	55.7	107	31465	84.4
DEKALB DKC60-18 (RR2/YGPL)	210.3	15.2	56.6	96	32881	55.4
DEKALB DKC58-19 (RR2)	209.6	14.8	56.9	96	33818	83.0
NK Brand NX5995 (Bt/LL)	209.0	15.8	53.4	105	31738	90.7
Dyna-Gro 56P07 (RR/YGCB)	198.3	14.8	57.3	96	32258	50.2
Dyna-Gro 55P86 (RR/YGCB)	194.0	15.6	56.7	101	30492	77.5
Dyna-Gro 57P69 (YGCB/RR)	193.3	16.0	55.4	103	31476	90.2
Mycogen 2J525	191.0	14.7	58.0	100	33504	78.9
Dyna-Gro 57F06 (YGCB)	186.7	14.0	55.2	102	32082	79.9
DEKALB DKC52-40 (RR2/YGPL)	183.7	13.5	56.9	96	31850	37.4
LG Seeds LG 2517 (BT)	182.3	14.8	55.0	92	31891	70.2
ASGROW RX655 (RR2)	180.0	15.2	58.1	101	32304	39.2
NK Brand N41-P1 (GT/Bt/LL)	179.5	15.0	56.5	94	33137	75.6
Triumph TRX6221CbRR (YGCB/RR)	155.8	14.1	56.1	98	32787	83.3
Dyna-Gro 55B02 (RR/YGPL)	150.0	12.8	55.6	97	32131	63.9
Dyna-Gro 55B65 (RR/YGPL)	133.1	13.6	55.5	104	31895	72.4
Average	195.0	15.1	56.2	100	32418	75.5
LSD _(0.30)	12.6					

¹Trial conducted on the Rod Graves farm; seeded 5/3 and harvested 11/15.

*Excellent growing conditions. Plots had the potential to be one of the best at this location.

Sever wind storm Nov. 14 (one day before harvest) caused severe lodging.

Site Information

Plot Size: 5' x 31' with 30" row spacing

Experimental Design: randomized complete block, 3 replications

Seeding Rate: approximately 34,000 seeds/acre

Previous Crop: corn

Irrigation: sprinkler

Growing Degree Days: 2706 (2006 GDD); 2667 (Long Term Ave GDD)

Soil Type: Bijou loamy sand

Fertilization: 220 lbs N acre⁻¹; 25 lbs P₂O₅ acre⁻¹; 55 lbs K₂O acre⁻¹; 1 lbs Zn acre⁻¹

Herbicide: Lumax

Bactericide: none

Insecticide: none