

2008 Irrigated Corn Variety Performance Trial at Burlington

Hybrid	Grain	Test	Plant Height	Plant	Lodging
	Moisture	Weight		Population	
	<u>%</u>	<u>lb/bu</u>	<u>in</u>	<u>plants/ac</u>	<u>%</u>
Croplan Genetics 421 VT3	12.7	56.3	73	30726	64.2
Croplan Genetics 6150 VT3	17.7	55.3	84	28010	44.3
Croplan Genetics 6331 VT3	14.8	55.8	80	29883	74.6
Croplan Genetics 6831 TS	13.9	57.1	82	30351	56.1
DEKALB DKC49-32 (VT3)	13.2	55.9	77	32131	55.2
DEKALB DKC52-59 (VT3)	12.4	55.2	74	30820	30.4
DEKALB DKC54-16 (VT3)	13.8	56.1	85	34192	53.9
DEKALB DKC55-24 (VT3)	12.7	55.8	76	28291	43.6
DEKALB DKC60-18 (RR2/YGPL)	14.0	55.1	77	30164	73.9
DEKALB DKC61-69 (VT3)	15.5	56.1	80	34099	42.1
DEKALB DKC62-29 (VT3)	14.9	57.6	77	35223	42.5
DEKALB DKC63-42 (VT3)	14.4	56.6	81	31663	51.8
Dyna-Gro Seed 55B49 RR2/YGPL	12.7	57.0	81	31195	80.5
Dyna-Gro Seed 57B94 RR2/YGPL	15.5	56.3	81	30539	57.0
Dyna-Gro Seed 57R91 RR2/LL/HXX	14.6	56.6	80	30633	49.8
Dyna-Gro Seed 57T61 RR2/LL/HXI	16.0	54.8	85	29977	37.8
Dyna-Gro Seed 57V07 VT3	17.8	53.9	81	28853	23.3
Dyna-Gro Seed 57V30 VT3	14.6	58.4	80	31757	24.6
Dyna-Gro Seed 57V62 VT3	15.3	57.4	79	30070	35.7
Dyna-Gro Seed 57V77 VT3	15.0	55.9	87	33724	44.1
Dyna-Gro Seed CXO7110 VT3	13.7	53.6	81	28853	65.1
Dyna-Gro Seed CXO8216 VT3	17.6	53.2	85	29134	21.9
Dyna-Gro Seed CXO8808 RR2	14.5	55.8	83	32225	43.3
LG Seeds LG2619VT3	14.7	55.5	83	28384	34.2
LG Seeds LG2620VT3	14.9	54.6	80	32974	50.1
LG Seeds LG2641VT3	14.9	53.9	78	34005	25.8
LG Seeds LG2642VT3	18.3	54.8	77	34567	44.9
Mycogen Seeds 2K718	14.7	54.6	81	28103	87.3
Mycogen Seeds 2R577	14.4	56.0	81	34286	20.4
Mycogen Seeds 2T789	15.2	55.3	84	33911	36.4
Producers Hybrids 7134VT3	16.8	53.0	81	30351	44.1
Producers Hybrids 7325VT3	15.0	54.7	84	32131	50.9
Producers Hybrids 7374VT3	17.6	54.6	82	29602	36.4
Producers Hybrids 7414VT3	16.6	53.1	79	31007	38.6
Triumph 1109VT3	13.4	53.9	84	25480	77.8
Triumph 3203CbRR	13.2	56.7	73	31007	35.2
Triumph 8607CbRR	16.5	55.1	79	35223	32.7
Triumph TRX8591 HXRR	15.0	54.7	84	29227	67.8
Average	15.0	55.4	80	31126	47.3

*This trial was severely compromised by an early August hail storm that stripped most of the leaves off of the plants that never recovered. Stalk rot led to excessive lodging. Pollination was poor and ears were small. Average yield was 70 bu/ac and could not be interpreted.

Experimental Design: randomized complete block, 3 replications

Plot Size: 5' x 31'

Site Information

Collaborator: Don Sircy

Soil Type: Weld silt loam

Previous Crop: corn

Planting Date: 4/29/08

Irrigation: sprinkler

Fertilization: N-P-K (200-45-0) lb/ac

Herbicide: Lumax, Round-up

Insecticide: none

Harvest Date: 11/06/08