

2008 Irrigated Corn Variety Performance Trial at Julesburg

Hybrid	Yield	Grain Moisture	Test weight	Plant Height	Plant Population	Lodging
	<u>bu/ac</u>	<u>%</u>	<u>lb/bu</u>	<u>in</u>	<u>plants/ac</u>	<u>%</u>
Triumph 3203CbRR	220.6	13.2	57.2	85	34942	8.5
Dyna-Gro Seed 57V21 VT3	215.6	16.0	57.0	94	34661	29.9
Dyna-Gro Seed 57F37 YGCB	214.5	16.8	56.9	89	34754	38.9
DEKALB DKC62-29 (VT3)	213.8	16.1	58.6	89	35597	9.1
LG Seeds LG2552VT3	211.3	15.6	54.1	87	33068	53.1
DEKALB DKC54-16 (VT3)	208.0	14.6	58.0	88	32693	10.8
Producers Hybrids 7077VT3	206.9	15.5	54.3	86	34754	65.0
DEKALB DKC49-32 (VT3)	206.9	13.4	55.6	86	36066	23.5
Producers Hybrids 7134VT3	204.4	17.1	53.9	92	34473	73.0
DEKALB DKC63-42 (VT3)	202.8	15.2	57.7	88	34473	40.4
DEKALB DKC60-18 (RR2/YGPL)	202.3	15.0	57.2	84	33162	8.6
LG Seeds LG2545VT3	200.9	16.0	54.4	86	34380	50.8
Dyna-Gro Seed CXO8514 YGCB	200.5	16.5	55.8	87	32506	30.1
Trisler T-6A02VT3	200.5	15.3	56.2	89	33630	17.0
Mycogen Seeds 2C727	199.7	15.2	55.6	87	35129	37.3
Mycogen Seeds 2D675	199.5	15.5	56.2	96	33818	30.3
Dyna-Gro Seed 57V30 VT3	199.1	16.2	58.4	93	33443	51.3
LG Seeds LG2555VT3	198.3	16.5	54.8	92	32881	71.5
DEKALB DKC52-59 (VT3)	198.3	13.4	56.3	85	34192	26.1
Trisler T-3A81RR	198.3	13.6	57.3	88	35504	11.6
DEKALB DKC55-24 (VT3)	197.5	14.2	57.9	87	34661	40.0
Dyna-Gro Seed 55B49 RR2/YGPL	192.8	14.5	58.7	93	34661	34.8
Dyna-Gro Seed 57V62 VT3	191.2	16.3	58.8	94	33162	48.7
Dyna-Gro Seed 57V77 VT3	191.1	15.5	56.2	93	33818	33.8
Producers Hybrids 6944VT3	190.7	17.3	54.2	91	35035	32.0
Dyna-Gro Seed 57T61 RR2/LL/HXI	190.5	16.1	55.3	98	34005	77.2
Dyna-Gro Seed 57B94 RR2/YGPL	190.2	16.9	57.2	86	32225	21.0
Dyna-Gro Seed CXO7110 VT3	189.5	14.7	54.6	93	35504	23.2
Triumph 9958VT3	189.3	13.9	58.8	86	35223	22.6
Mycogen Seeds 2J529	188.8	14.4	57.9	90	35316	10.4
DEKALB DKC61-69 (VT3)	188.2	14.7	56.2	92	34286	30.7
Mycogen Seeds 2K718	187.0	15.6	56.0	90	35410	41.7
Dyna-Gro Seed 57P93 RR2/YGCB	186.5	16.3	56.8	90	32787	21.1
Dyna-Gro Seed CXO8808 RR2	185.6	14.5	57.2	92	36159	29.0
Dyna-Gro Seed 57R91 RR2/LL/HXX	184.9	14.5	58.4	88	34754	18.8
Trisler T-5N51VT3	184.6	15.6	57.6	85	29415	43.5
Trisler T-4A08VTRR2	183.6	15.4	57.8	94	34473	82.9
Trisler T-6N52PL	182.7	15.3	57.6	93	32881	36.1
Trisler T-4S61VT3	181.5	15.9	58.5	92	32412	28.7
Trisler T-7A14CB	181.3	15.1	58.5	84	35597	8.1
Trisler T-1J31VT3	178.2	13.6	56.5	82	34942	22.9
Dyna-Gro Seed 57V07 VT3	177.6	16.2	54.6	92	35597	44.8
Dyna-Gro Seed CXO8216 VT3	175.2	17.3	54.2	94	29602	27.6
Average	195.1	15.4	56.6	89	34094	34.1
LSD _{0.30}	13.7					
LSD _{0.05}	26.2					

LSD_(0.30) is most useful for producers using these results to select a variety but some collaborators find LSD_(0.05) useful.

Experimental Design: randomized complete block, 3 replications

Plot Size: 5' x 31'

Site Information

Collaborator: BLM LLC. Farms

Soil Type: Richfield loam

Previous Crop: corn

Planting Date: 5/08/08

Irrigation: sprinkler

Fertilization: N-P-K (176-56-0) lb/ac

Herbicide: Lumax

Insecticide: Pencap, Invite

Harvest Date: 11/26/08

Yields corrected to 15.5 % moisture