

2008 Irrigated Corn Variety Performance at Wiggins

Hybrid	Yield	Grain	Test Weight	Plant	Plant	Lodging
		Moisture		Height	Population	
	<u>bu/ac</u>	<u>%</u>	<u>lb/bu</u>	<u>in</u>	<u>plants/ac</u>	<u>%</u>
DEKALB DKC61-69 (VT3)	236.7	25.3	53.0	98	33719	12.6
DEKALB DKC62-29 (VT3)	232.5	24.1	53.0	99	35129	0.4
Triumph 9958VT3	228.4	17.0	58.0	88	32974	1.7
DEKALB DKC54-16 (VT3)	223.4	20.3	57.1	100	30889	12.5
LG Seeds LG2507VT3	222.8	18.6	57.3	94	34658	1.2
Dyna-Gro Seed 54K35 RR2	220.3	17.4	57.4	94	34942	2.0
Dyna-Gro Seed 57K71 RR2	219.7	28.5	49.0	102	33255	6.2
Mycogen Seeds 2J529	219.7	19.4	54.5	98	34661	5.7
LG Seeds LG2514VT3	219.0	20.7	53.8	100	34099	24.4
Triumph 3203CbRR	217.9	18.6	55.5	92	34473	5.0
Dyna-Gro Seed 57V77 VT3	216.2	25.8	50.7	101	33988	0.8
Dyna-Gro Seed 57V30 VT3	214.9	25.9	50.4	97	34380	2.1
Dyna-Gro Seed 55B49 RR2/YGPL	213.8	18.6	55.7	89	34501	7.6
Dyna-Gro Seed CXO8808 RR2	213.5	19.6	53.8	95	33503	13.4
DEKALB DKC60-18 (RR2/YGPL)	213.5	22.4	53.3	92	36893	17.0
Dyna-Gro Seed CXO8514 YGCB	212.2	31.1	48.5	91	34848	3.9
Dyna-Gro Seed 57V98 VT3	211.7	25.0	41.5	103	33018	4.9
Dyna-Gro Seed 57V07 VT3	210.2	36.4	47.4	100	35271	0.5
DEKALB DKC63-42 (VT3)	210.0	28.9	49.8	90	33068	2.9
DEKALB DKC52-59 (VT3)	209.7	15.9	55.7	93	34099	9.4
Dyna-Gro Seed 54V78 VT3	209.2	13.9	55.2	93	34195	4.9
Dyna-Gro Seed 57V62 VT3	209.2	28.9	50.5	104	33911	3.9
Mycogen Seeds 2C727	207.2	27.2	48.3	99	33818	13.8
Dyna-Gro Seed 55B31 RR2/YGPL	206.2	17.8	55.6	94	34942	3.0
DEKALB DKC55-24 (VT3)	205.6	19.0	56.2	89	34473	0.9
DEKALB DKC49-32 (VT3)	200.9	14.7	56.2	92	34458	1.9
Dyna-Gro Seed 57P56 RR2/YGCB	197.1	31.6	47.6	101	33818	2.5
Dyna-Gro Seed 57R91 RR2/LL/HXX	196.3	25.0	50.8	98	34099	4.3
LG Seeds LG2524HX/LL	195.7	22.3	54.3	103	33194	3.8
Dyna-Gro Seed CXO8216 VT3	195.3	34.4	46.7	102	34567	2.6
Triumph 6512VT3	194.6	18.8	55.7	94	34099	1.7
Mycogen Seeds 2D675	192.0	20.8	52.4	97	32492	2.2
Dyna-Gro Seed 57B94 RR2/YGPL	190.6	31.6	49.4	94	33443	1.4
Dyna-Gro Seed CXO7110 VT3	189.6	22.4	50.0	100	31471	19.6
Mycogen Seeds 2K718	178.0	27.0	50.0	102	33406	5.9
Dyna-Gro Seed 57T61 RR2/LL/HXI	167.1	29.9	48.5	104	34380	4.7
Average	208.3	23.5	52.3	97	33976	6.1
LSD _(0.30)	17					
LSD _(0.05)	33					

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: Fort Morgan Farms

Soil Type: Nunn sandy loam

Previous Crop: corn

Planting Date: 4/28/08

Irrigation: sprinkler

Fertilization: N-P-K (220-20-35) lbs/ac

Herbicide: Harness, Atrazine

Insecticide: none

Harvest Date: 10/28 and 10/29/08

Yields corrected to 15.5 % moisture