

**NDSU Carrington Research Extension Center
2009 Variety Trial Data**

Corn - Dryland

Fingal (Page 1 of 3)

Brand	Hybrid	R.M.	Hybrid Traits ¹	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moist. %	Test Weight lb/bu	--- Grain Yield ---			
										2009 ----- bu/ac	2-yr. Avg. ----- %	Relative Yield % Mean	Relative Moisture % Mean
Kruger	K-6378VT3		VT3	32.9	92.9	10.3	67.0	20.1	51.3	134.5	--	93	75
Kruger	K-2381RR/YGCB	81	VT3	32.5	90.7	10.2	67.5	19.0	52.5	139.6	--	96	71
Kruger	K-6385VT3	85	RR	38.0	95.3	10.3	67.0	16.5	53.4	166.1	--	114	61
Kruger	K-1286RR	86	VT3	37.2	92.9	10.9	67.4	21.5	51.9	155.1	--	107	80
Kruger	K-6388VT3	88	RR	37.4	90.0	10.7	67.4	21.5	52.0	152.3	--	105	80
Kruger	K-2090RR/YGCB	90	VT3	40.2	96.3	10.2	67.1	25.6	48.7	138.7	156.2	96	95
Kruger	K-6490VT3	90	RR/YGCB	41.3	97.3	10.1	66.0	22.1	50.4	147.0	--	101	82
Kruger	K-6093VT3	93	VT3	33.5	94.5	10.1	67.2	32.3	47.5	146.1	--	101	120
Pioneer	39B23	88	HX1,LL,RR2	39.2	96.5	10.2	67.8	25.0	48.5	152.4	--	105	93
Pioneer	39N99	89	HX1,LL,RR2	37.0	95.7	10.0	67.4	26.9	49.5	144.1	--	99	100
Pioneer	38H08	92	HX1,LL,RR2	42.7	96.3	9.8	67.9	28.0	44.7	140.4	--	97	104
Hyland Seeds	HL CVR54	92	VT3/RR2	39.2	96.1	9.8	68.9	30.2	44.9	136.9	--	94	112
Hyland Seeds	HL CVR68	98	VT3/RR2	36.2	96.3	10.4	68.1	30.7	46.4	139.5	--	96	114
Hyland Seeds	HL CVR48	88	VT3/RR2	40.7	98.4	9.6	67.7	21.6	49.9	140.6	--	97	80
Hyland Seeds	HL CVR74	100	VT3/RR2	40.7	94.7	10.7	67.5	38.2	43.0	120.4	--	83	142
Hyland Seeds	HL B49R	100	HX1,LL,RR2	38.4	99.0	10.3	67.8	35.4	43.0	109.1	--	75	132
Proseed	786CBLLGT	86	CB,LL,GT	37.2	95.9	9.8	67.4	28.5	47.8	133.6	--	92	106
Proseed	787VT3	87	RR,BT, RW	35.4	96.1	10.0	67.7	25.1	49.0	155.6	--	107	93
Proseed	990CBLL	90	CB,LL	41.9	100.0	9.5	67.2	26.1	45.8	146.7	--	101	97
Proseed	P92VT3	92	RR,BT, RW	40.9	100.4	10.3	67.1	26.0	48.3	155.8	--	107	97
Proseed	793CBLLGT	93	CB,LL,GT	35.4	96.5	10.1	69.2	30.7	45.1	131.2	--	90	114
MEAN				38.2	96.4	10.0	67.8	26.9	47.6	145.2	--	--	--
C.V. (%)				7.5	3.8	3.5	1.1	6.4	2.2	7.4	--	--	--
LSD 0.05				4.0	5.1	0.5	1.1	2.4	1.5	14.8	--	--	--

Planting Date = May 19 ; Harvest Date = November 24 ; Previous Crop = Soybean

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										2009 ----- bu/ac	2-yr. Avg. ----- % Mean	Relative Yield ----- % Mean	Relative Moisture ----- % Mean
Dairyland Seed	ST-9789	89	VT3	35.4	94.5	10.1	67.9	26.4	47.9	148.4	--	102	98
Dairyland Seed	ST-7790	90	HX,RR,LL	39.8	97.2	9.6	66.6	24.7	48.7	134.2	--	92	92
Dairyland Seed	ST-7891	91	CB,GT,LL	39.2	96.7	9.9	67.7	26.5	49.1	153.5	--	106	99
Dairyland Seed	ST-6992	92	RR	37.8	94.7	10.1	67.9	28.0	48.4	160.3	--	110	104
Renk	RK302CBLL	89	CB,LL	40.4	98.8	9.4	68.1	27.7	46.7	139.9	--	96	103
Renk	RK434RRYGCB	92	RR,YGCB	37.2	96.1	9.7	68.0	27.6	48.2	153.1	--	105	103
Renk	RK501VT3	95	VT3	41.5	98.0	10.9	67.4	29.3	47.6	159.9	--	110	109
Renk	RK570VT3	96	VT3	41.9	99.6	10.3	68.3	30.0	45.4	145.4	--	100	112
Seeds 2000	2843RR	84	RR	41.1	100.8	10.1	67.4	23.0	49.9	149.7	--	103	86
Seeds 2000	8801VT3	88	VT3	38.2	97.4	10.0	67.4	22.4	48.8	160.2	--	110	83
Gold Country	94-29VT3	94	VT3	35.4	94.5	9.6	67.9	26.2	46.2	148.2	--	102	97
Gold Country	95-11VT3	95	VT3	35.8	89.0	9.9	68.4	27.5	48.3	148.9	--	103	102
PFS	92L90	90	GT,CB,LL	40.4	96.5	10.0	67.7	27.9	49.3	148.1	--	102	104
PFS	56J86	86	VT3	39.4	96.9	9.7	67.9	21.8	49.0	166.0	--	114	81
PFS	54M83	83	VT3	40.6	99.8	10.2	67.4	20.1	51.6	147.5	--	102	75
PFS	37L84	84	RR,YGCB	36.8	92.7	10.4	68.6	29.2	46.7	135.3	--	93	109
G2 Genetics	5X-594 RR/HXT	94	RR, HXT	37.2	91.9	10.0	67.6	30.4	42.8	131.0	--	90	113
G2 Genetics	5H-797 RR/HX (5H-29)	97	RR, HX	39.8	99.2	10.4	67.4	27.3	45.5	151.1	--	104	101
NuTech Seed	1B-186 CB/LL	83	CB,LL	35.8	96.9	9.5	68.4	26.2	47.6	156.9	--	108	97
NuTech Seed	1N-887 CB/LL/RW	87	CB,LL,RW	37.0	93.9	9.9	68.0	29.1	46.2	154.3	--	106	108
NuTech Seed	3C-389 RR/YGCB	89	RR/YGCB	40.0	94.9	9.9	67.3	26.6	45.9	143.8	--	99	99
MEAN				38.2	96.4	10.0	67.8	26.9	47.6	145.2	--	--	--
C.V. (%)				7.5	3.8	3.5	1.1	6.4	2.2	7.4	--	--	--
LSD 0.05				4.0	5.1	0.5	1.1	2.4	1.5	14.8	--	--	--

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NuTech Seed	3C-889 RR/YGCB	89	RR/YGCB	36.6	97.0	9.7	68.0	29.1	47.5	141.5	--	97	108
NuTech Seed	3C-889A RR/YGCB	89	RR/YGCB	40.0	95.9	9.5	67.9	25.8	48.9	163.8	--	113	96
NuTech Seed	1B-290 CB/LL	90	CB,LL	40.7	98.8	9.2	68.1	27.4	46.7	142.1	--	98	102
NuTech Seed	3T-390 VT3	90	VT3	36.2	97.0	10.9	66.4	28.2	47.5	133.0	--	92	105
NuTech Seed	3C-292+ RR/YGCB	92	RR, YGCB	39.2	99.4	9.9	68.3	29.9	46.9	139.7	--	96	111
NuTech Seed	3T-393 VT3	93	VT3	41.7	99.0	10.4	68.7	30.6	45.0	144.0	163.5	99	114
NuTech Seed	3T-493 VT3	93	VT3	41.9	98.8	9.3	68.8	28.1	44.3	141.0	--	97	104
NuTech Seed	3T-294 VT3	94	VT3	39.2	99.8	10.0	68.9	27.1	48.4	141.3	--	97	101
NuTech Seed	3T-295 VT3	95	VT3	37.0	94.9	9.7	67.9	29.2	47.9	147.6	--	102	109
NuTech Seed	1N-695 CB/LL/RW	95	CB,LL,RW	34.8	97.6	10.1	69.5	35.6	42.0	119.1	--	82	132
Dekalb	DKC38-89	88	VT3	36.6	95.9	10.1	67.9	25.4	47.5	148.3	--	102	94
Dekalb	DKC40-20	90	VT3	35.4	96.3	9.8	68.1	24.8	47.8	148.9	--	103	92
Dekalb	DKC42-72	92	VT3	33.3	93.1	10.4	68.1	26.5	47.4	152.8	--	105	99
Wensman	W 7089VT3	86	VT3	40.2	98.2	9.9	67.4	25.0	47.6	159.0	--	110	93
Wensman	W 7107VT3	90	VT3	38.4	96.3	9.9	68.6	25.7	48.4	150.7	--	104	96
Wensman	W 7143VT3	93	VT3	36.0	97.0	9.3	69.2	27.1	48.6	147.1	--	101	101
Integra Fortified Se	9422VT3	92	VT3	37.2	97.4	10.5	67.1	26.9	47.9	147.6	--	102	100
Integra Fortified Se	9453VT3	95	VT3	38.2	98.8	10.0	67.1	30.6	45.6	138.4	--	95	114
Terning	8181	87	GT,CB,LL	38.4	95.3	9.6	67.9	27.2	49.1	139.7	--	96	101
G2 Genetics	5X-999	99	RR, HXT	40.0	96.9	9.9	68.6	27.6	45.7	141.9	--	98	103
G2 Genetics	5H-700	100	RR, HX	39.6	96.1	9.8	69.2	30.2	45.6	143.8	--	99	112
MEAN				38.2	96.4	10.0	67.8	26.9	47.6	145.2	--	--	--
C.V. (%)				7.5	3.8	3.5	1.1	6.4	2.2	7.4	--	--	--
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¹ Hybrid traits as reported by seed company when hybrids submitted for evaluation.