

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

**Corn - Irrigated**

**Carrington (Page 1 of 3)**

Brand	Hybrid	R.M.	Hybrid Traits <sup>1</sup>	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	-----Grain Yield-----			Relative Yield % Mean
											2009	2-yr. Avg. -----bu/ac-----	3-yr. Avg. -----	
Kruger	K-6378VT3		VT3	82.0	37.8	90.9	9.6	69.4	18.9	52.4	132.8	--	--	99
Kruger	K-2381RR/YGCB	81	VT3	84.5	40.4	95.7	10.2	69.0	19.2	52.4	133.2	--	--	99
Kruger	K-6385VT3	85	RR	86.8	38.6	94.5	9.7	69.2	18.2	52.9	134.8	--	--	101
Kruger	K-1286RR	86	VT3	89.3	40.6	97.2	10.9	69.1	19.1	51.4	134.1	--	--	100
Kruger	K-6388VT3	88	RR	86.8	38.0	90.7	10.8	68.7	20.7	51.5	141.0	--	--	105
Kruger	K-2090RR/YGCB	90	VT3	88.8	40.9	99.6	9.7	68.9	20.4	50.0	143.6	132.1	138.4	107
Kruger	K-6490VT3	90	RR/YGCB	90.0	42.9	89.8	10.5	67.5	20.9	49.4	143.6	--	--	107
Kruger	K-6093VT3	93	VT3	88.3	37.0	93.7	10.0	68.2	27.6	47.6	141.9	--	--	106
Hyland Seeds	HL CVR54	92	VT3/RR2	92.0	41.9	99.6	10.2	68.2	27.8	45.0	137.1	--	--	102
Hyland Seeds	HL CVR48	88	VT3/RR2	89.8	42.9	102.6	9.7	68.4	20.2	50.5	131.6	117.9	--	98
Hyland Seeds	HL CVR36	88	VT3/RR2	90.0	41.9	102.2	10.6	68.6	26.1	46.7	126.6	--	--	94
Proseed	884VT3	84	RR,BT, RW	88.8	37.8	95.7	9.9	68.4	20.7	50.4	119.0	123.5	--	89
Proseed	786CBLLGT	86	CB,LL,GT	89.3	38.6	98.2	9.3	69.9	23.3	48.2	126.1	124.9	--	94
Proseed	787VT3	87	RR,BT, RW	89.3	39.4	100.3	10.0	68.8	22.9	48.0	132.8	133.5	--	99
Renk	RK292GTCBLL	85	GT,CB,LL	90.0	39.8	97.2	9.3	69.6	22.6	48.6	124.8	128.2	--	93
Renk	RK268VT3	85	VT3	90.3	39.0	101.4	9.8	69.4	22.2	47.3	144.4	131.9	--	108
Renk	RK224RRYGPL	84	RR,YGPL	89.5	40.2	95.7	10.3	68.7	19.9	50.6	114.1	116.5	131.5	85
Renk	RK212CBLL	82	CB,LL	87.5	38.8	97.0	9.1	70.3	22.1	48.6	137.4	--	--	103
Renk	RK302CBLL	89	CB,LL	91.8	40.4	101.0	9.1	69.1	23.9	47.4	128.7	--	--	96
Seeds 2000	2843RR	84	RR	87.8	41.5	98.2	10.3	68.5	19.0	51.1	125.4	--	--	94
Seeds 2000	8801VT3	88	VT3	89.8	39.6	100.6	9.9	69.4	23.0	48.0	170.4	147.2	--	127
MEAN				88.7	30.7	97.3	10.0	68.9	22.3	48.8	134.0	--	--	--
C.V. (%)				1.3	6.5	4.2	4.0	0.9	8.5	3.1	9.0	--	--	--
LSD 0.05				1.6	3.6	5.7	0.6	0.8	2.6	2.1	16.7	--	--	--

**Planting Date = May 13 ; Harvest Date = November 30 ; Previous Crop = Spring Wheat**

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Brand	Hybrid	R.M.	Hybrid Traits <sup>1</sup>	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	-----Grain Yield-----			Relative Yield % Mean
											2009	2-yr. Avg. -----bu/ac-----	3-yr. Avg. -----	
Gold Country	84-03VT3	84	VT3	87.3	38.2	90.3	9.8	68.8	16.5	53.4	138.0	--	--	103
Gold Country	89-09R	89	RR	86.8	38.8	98.0	10.5	68.2	23.1	47.3	141.6	--	--	106
PFS	92L90	90	GT,CB,LL	88.0	39.2	98.6	9.8	69.4	23.6	49.5	128.2	--	--	96
PFS	56J86	86	VT3	89.0	41.1	99.6	9.7	69.4	22.9	47.8	157.1	141.5	--	117
PFS	54M83	83	VT3	87.5	40.6	102.6	10.0	68.9	18.5	52.3	146.4	136.7	--	109
PFS	37L84	84	RR,YGCB	89.5	39.0	90.6	10.3	68.5	25.4	46.6	124.2	--	--	93
Dyna-Gro Seed	51V57	85	VT3	90.0	37.2	93.9	10.0	69.1	19.6	48.7	148.7	--	--	111
Dyna-Gro Seed	52V01	87	VT3	89.0	39.9	101.8	9.8	69.0	21.7	48.5	149.5	--	--	112
Dyna-Gro Seed	CX08287	87	CB,LL,GT	89.8	40.0	96.9	9.3	69.6	22.6	48.4	126.2	--	--	94
G2 Genetics	5H-884 RR/HX	83	RR, HX	85.8	40.2	94.9	10.2	69.2	20.4	47.6	142.3	--	--	106
G2 Genetics	5X-591 RR/HXT	91	RR, HXT	90.5	37.4	92.7	10.1	68.5	24.2	47.3	125.3	--	--	94
G2 Genetics	5X-594 RR/HXT	94	RR, HXT	91.3	40.5	99.4	9.9	67.6	28.8	41.8	111.7	--	--	83
NuTech Seed	3T-484 VT3	83	VT3	89.3	39.8	102.2	9.5	69.4	21.8	48.4	148.0	--	--	110
NuTech Seed	1B-186 CB/LL	83	CB,LL	88.8	38.0	100.8	9.8	68.9	23.1	47.9	146.6	--	--	109
NuTech Seed	1N-887 CB/LL/RW	87	CB,LL,RW	89.5	38.8	98.2	9.7	69.2	23.3	46.4	130.7	125.2	--	98
NuTech Seed	3C-889 RR/YGCB	89	RR/YGCB	89.3	39.2	100.4	9.5	68.7	27.7	46.3	135.3	--	--	101
NuTech Seed	3C-889A RR/YGCB	89	RR/YGCB	89.5	39.4	99.8	9.8	68.9	24.6	47.8	133.1	--	--	99
NuTech Seed	1B-290 CB/LL	90	CB,LL	91.5	44.9	106.3	9.5	68.6	21.6	47.9	139.6	--	--	104
NuTech Seed	3T-390 VT3	90	VT3	91.3	41.7	103.9	10.9	67.2	28.5	45.3	130.9	--	--	98
NuTech Seed	3A-690 RR	90	RR	91.3	42.7	106.1	11.1	67.6	31.5	45.4	105.0	--	--	78
NuTech Seed	3C-292+ RR/YGCB	92	RR, YGCB	91.5	40.7	102.2	10.3	68.6	28.3	45.4	134.0	132.4	--	100
MEAN				88.7	30.7	97.3	10.0	68.9	22.3	48.8	134.0	--	--	--
C.V. (%)				1.3	6.5	4.2	4.0	0.9	8.5	3.1	9.0	--	--	--
LSD 0.05				1.6	3.6	5.7	0.6	0.8	2.6	2.1	16.7	--	--	--

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											2009	2-yr. Avg.	3-yr. Avg.	
											lb/bu	-----bu/ac-----	-----	%
NuTech Seed	3T-393 VT3	93	VT3	92.5	42.1	98.8	10.1	68.4	28.3	44.4	136.4	127.3	143.3	102
NuTech Seed	3T-493 VT3	93	VT3	90.8	40.4	98.6	9.7	68.6	24.9	45.0	129.8	--	--	97
NuTech Seed	5B-593 GT/CB/LL	93	GT/CB/LL	91.3	43.5	103.3	10.3	68.0	25.5	45.7	119.8	--	--	89
Integra Fortified Seed	6385R	85	RR	86.8	37.4	92.3	10.1	69.0	18.4	51.7	125.0	120.4	123.2	93
Integra Fortified Seed	6385VT3	85	VT3	89.5	38.2	95.3	9.8	68.8	19.7	50.8	131.8	121.3	--	98
Dekalb	DKC33-54	83	RR2	85.3	38.2	90.0	10.1	69.2	16.8	52.5	133.4	126.9	--	100
Dekalb	DKC36-34	86	VT3	86.0	37.1	92.1	10.0	68.8	18.1	50.9	137.6	--	--	103
Dekalb	DKC30-23	80	RR2	81.8	34.3	87.6	10.3	69.5	15.8	53.8	114.3	--	--	85
Wensman	W 7083VT3	80	VT3	86.5	38.4	91.3	9.5	68.4	17.6	50.8	139.9	134.9	--	104
Wensman	W 7085VT3	84	VT3	86.8	34.3	85.4	9.6	70.0	20.7	50.2	152.7	139.2	--	114
Wensman	W 7089VT3	86	VT3	89.8	41.1	101.0	9.8	68.8	22.5	47.5	130.3	132.2	--	97
Wensman	W 7107VT3	90	VT3	90.3	40.1	101.6	9.6	70.1	24.9	46.3	137.1	125.7	--	102
Terning	8181	87	GT,CB,LL	88.3	40.0	97.2	9.5	69.5	25.5	48.0	124.8	--	--	93
MEAN				88.7	30.7	97.3	10.0	68.9	22.3	48.8	134.0	--	--	--
C.V. (%)				1.3	6.5	4.2	4.0	0.9	8.5	3.1	9.0	--	--	--
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<sup>1</sup> Hybrid traits as reported by seed company when hybrids submitted for evaluation.