

**NDSU Carrington Research Extension Center
2008 Variety Trial Data**

Corn - Irrigated **Carrington (Page 1 of 3)**

Brand	Hybrid	R.M.	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Plant Lodge 0 to 9	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----		
												2-yr. Avg.	3-yr. Avg.	
Dekalb	DKC29-98	79	RR2/YGCB	88.0	27.0	83.3	4.3	10.6	68.5	23.4	56.3	93.0	--	--
Dekalb	DKC33-54	83	RR2	91.8	32.3	92.5	2.5	10.0	68.3	19.7	53.2	120.4	--	--
Dekalb	DKC35-19	85	RR2/YGCB	94.5	34.3	93.5	1.8	10.3	69.1	22.1	53.4	116.1	--	--
Dekalb	DKC38-89	88	VT3	97.0	29.1	91.7	1.0	9.8	68.7	27.0	48.1	125.3	--	--
Gold Country	84-02 VT3	84	RR/Bt/CRW	97.0	35.2	97.2	0.8	10.0	68.2	24.3	50.8	122.1	--	--
Gold Country	87-01 CB	87	BT	96.5	38.2	96.9	1.3	10.2	68.6	21.4	53.9	130.3	--	--
Hyland	HL B266	88	BT	97.8	30.3	92.0	1.3	10.0	69.1	26.9	49.6	119.3	142.7	154.2
Hyland	HL CVR44	88	RR/BT/CRW	97.5	32.7	92.9	0.8	10.1	69.4	27.3	49.0	120.0	--	--
Hyland	HL CVR48	88	VT3	98.8	36.8	102.4	1.3	9.7	68.4	25.7	49.3	104.2	--	--
Integra Seed	9332 VT3	83	RR	97.3	36.6	90.0	0.5	10.3	68.1	25.9	47.8	130.7	--	--
Integra Seed	6385 R	85	RR	96.8	30.1	86.5	2.5	10.2	67.6	23.5	50.0	115.7	122.3	--
Integra Seed	6385 VT3	85	RR	96.8	31.1	87.6	1.5	10.1	68.4	26.0	49.7	110.8	--	--
Integra Seed	9361 VT3	86	RR	96.5	37.2	97.3	0.8	10.0	68.3	24.9	49.8	137.2	--	--
Jung Seed Genetics	7171VT3	82	VT3	97.5	36.6	95.3	1.5	9.8	68.9	24.4	52.4	119.1	--	--
Jung Seed Genetics	4183 RR/YGCB	85	RR/YGCB	95.3	32.3	96.9	0.5	10.1	68.7	23.5	49.6	113.6	136.0	--
Jung Seed Genetics	4209 RR/YGCB	85	RR/YGCB	95.0	32.5	95.5	2.0	10.3	69.0	22.0	53.4	113.0	--	--
Jung Seed Genetics	4288 YGCB	88	YGCB	98.0	34.8	96.5	0.8	10.3	68.5	23.5	51.3	119.1	--	--
Kruger	K-1178RR	78	RR	88.5	30.7	90.2	3.3	10.5	69.6	22.0	51.2	104.7	--	--
Kruger	K-1086RR	78	RR	97.0	33.9	99.7	0.8	10.0	68.8	21.9	49.6	127.2	136.3	--
Kruger	K-1780RR	80	RR	94.3	28.7	91.0	2.5	10.3	68.9	22.1	51.3	102.3	--	--
Kruger	K-1381 RR	81	RR	91.3	32.1	93.7	3.3	10.4	67.8	18.0	54.3	111.2	--	--
MEAN				96.0	33.8	94.9	1.3	10.1	68.5	25.4	49.6	122.1	--	--
C.V.%				1.8	9.1	4.1	60.9	4.3	1.8	9.1	4.1	9.4	--	--
LSD.05				2.4	4.3	5.4	1.1	NS	NS	3.2	2.8	16.0	--	--

Planting Date = May 6 ; Harvest Date = November 17 ; Previous Crop = Spring Wheat

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Brand	Hybrid	R.M.	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Plant Lodge 0 to 9	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----		
												2-yr. Avg. bu/ac	3-yr. Avg. bu/ac	
Kruger	K-1584RR	84	RR	97.3	32.9	92.7	1.5	10.1	69.0	21.8	53.4	121.8	134.8	146.8
Kruger	K-2385RR/YGCB	85	RR	94.0	32.3	90.6	1.0	10.1	68.7	22.8	52.4	116.7	--	--
Kruger	K-2086RR/YGCB	86	RR	97.8	36.4	95.5	0.3	10.1	69.1	23.8	48.8	116.6	--	--
Kruger	K-2087RR/YGCB	87	RR	95.0	34.3	100.1	1.0	10.0	68.7	24.8	50.3	122.1	133.9	--
Kruger	K-5388YGCB	88	CONV	97.3	36.0	94.8	0.8	10.3	69.1	23.6	51.5	127.4	--	--
Kruger	K-2090RR/YGCB	90	RR	98.0	36.4	103.0	0.0	9.9	68.2	28.1	46.2	120.5	135.9	--
Kruger	K-1490RR	90	RR	96.8	35.4	101.2	1.5	10.3	67.6	27.9	49.1	144.0	151.8	--
Mycogen Seeds	2K154	83	RR	96.5	32.3	92.5	0.8	10.4	68.8	25.8	49.4	119.0	135.3	--
Mycogen Seeds	2P174	85	RR	96.3	31.5	93.5	1.0	10.0	69.0	23.4	51.5	129.4	145.5	154.4
Mycogen Seeds	2T220	86	RR	94.8	32.7	92.9	1.0	10.0	68.0	26.3	48.2	118.6	--	--
NuTech Seed	3T-083 VT3	83	RR	94.8	32.3	92.9	1.8	10.3	69.4	24.5	51.8	128.0	--	--
NuTech Seed	3T-484 VT3	84	RR	97.3	37.6	101.2	0.8	10.2	69.5	26.8	45.2	129.3	--	--
NuTech Seed	3P-484 RR/YGPL	84	RR	96.0	30.9	96.1	0.8	10.2	68.6	27.7	47.0	112.9	--	--
NuTech Seed	1N-887 CB/LL/RW	86	LL	95.5	34.8	90.9	1.5	10.1	68.9	29.8	44.9	119.7	--	--
NuTech Seed	3T-388 VT3	87	RR	96.3	34.6	94.9	1.5	10.1	67.6	28.1	47.9	123.8	--	--
NuTech Seed	3A-390 RR	89	RR	98.8	40.0	100.9	0.8	10.3	68.7	30.3	44.0	127.3	--	--
NuTech Seed	3P-191 RR/YGPL	90	RR	98.0	36.0	98.4	0.8	10.1	68.5	29.3	44.3	123.5	146.0	--
NuTech Seed	3C-292 RR/YGCB	90	RR	98.5	37.8	100.2	0.3	10.3	68.2	30.1	48.2	130.7	--	--
NuTech Seed	3A-093 RR	91	RR	98.0	30.7	97.2	1.8	10.0	69.3	29.7	47.9	121.5	145.8	--
NuTech Seed	3T-393 VT3	91	RR	100.0	38.0	99.0	0.8	10.2	69.3	32.5	43.4	118.1	146.8	--
NuTech Seed	3A-095 RR	93	RR	97.5	35.4	97.8	0.8	10.0	68.0	32.3	46.4	133.4	--	--
MEAN				96.0	33.8	94.9	1.3	10.1	68.5	25.4	49.6	122.1	--	--
C.V.%				1.8	9.1	4.1	60.9	4.3	1.8	9.1	4.1	9.4	--	--
LSD.05				2.4	4.3	5.4	1.1	NS	NS	3.2	2.8	16.0	--	--

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Carrington (Page 3 of 3)

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												2008	2-yr. Avg. bu/ac	3-yr. Avg. bu/ac
PFS	54M83	83	VT3	96.3	35.8	99.9	1.0	9.9	69.3	24.0	50.2	127.0	--	--
PFS	27L84	84	LL/RR/YGCB	95.3	31.3	83.0	2.8	10.4	68.5	24.9	47.3	120.9	132.2	--
PFS	56J86	86	VT3	94.5	31.9	95.1	0.8	9.8	67.9	25.9	50.1	125.9	--	--
PFS	82L90	90	GT/ZB/LL	96.8	35.4	97.9	0.5	10.3	67.8	29.1	44.1	132.2	--	--
Pioneer	39B23	88	HX1/LL/RR2	95.8	39.1	98.0	0.5	10.3	68.4	24.4	49.1	127.8	--	--
Pioneer	39N99	89	HX1/LL/RR2	96.0	34.8	94.6	1.3	9.8	68.2	24.6	50.4	126.9	--	--
Pioneer	38H08	92	HX1/LL/RR2	95.8	41.7	103.0	0.5	10.1	68.3	27.1	44.7	137.3	--	--
Proseed	884 VT3	84	RR	94.0	33.1	96.4	1.0	10.5	68.7	23.4	52.8	128.0	--	--
Proseed	786 CBLTGT	86	RR/Lib	97.5	35.6	94.7	1.3	10.4	69.3	29.1	46.2	123.7	--	--
Proseed	787 VT3	87	RR	96.8	34.8	96.9	1.0	10.2	68.7	26.7	49.2	134.2	--	--
Renk	RK224RR	83	RR	96.0	31.7	89.2	1.3	9.8	67.6	24.9	50.0	118.9	140.2	--
Renk	RK268RRYGPL	84	RR	96.0	34.6	96.7	0.8	10.5	68.9	27.5	47.2	119.3	--	--
Renk	RK292CBLL	85	LL	96.8	34.6	94.7	1.3	10.3	67.8	29.2	46.6	131.5	--	--
Seeds 2000	8201VT3	82	VT3	94.5	32.1	94.4	1.3	10.1	67.9	23.5	50.7	123.4	--	--
Seeds 2000	8801VT3	88	VT3	97.5	35.4	99.9	1.0	10.0	68.9	26.0	48.6	124.0	--	--
Wensman Seed	W 7083VT3	80	VT3	93.5	32.7	93.1	1.0	9.8	67.0	22.1	52.3	129.9	--	--
Wensman Seed	W 7085VT3	84	VT3	93.0	31.1	86.4	4.3	10.2	67.2	25.1	51.7	125.7	--	--
Wensman Seed	W 7087VT3	85	VT3	95.0	31.3	93.1	1.0	9.7	68.5	24.6	50.5	119.0	--	--
Wensman Seed	W 7089VT3	86	VT3	98.0	34.3	101.4	1.5	10.3	67.4	25.9	48.9	134.1	--	--
Wensman Seed	W 7107VT3	90	VT3	97.3	35.2	97.5	1.8	10.0	69.4	27.8	49.4	114.2	--	--
Wensman Seed	W 7143VT3	93	VT3	99.3	32.9	93.1	1.3	10.1	68.4	32.8	46.8	120.3	--	--
MEAN				96.0	33.8	94.9	1.3	10.1	68.5	25.4	49.6	122.1	--	--
C.V.%				1.8	9.1	4.1	60.9	4.3	1.8	9.1	4.1	9.4	--	--
LSD.05				2.4	4.3	5.4	1.1	NS	NS	3.2	2.8	16.0	--	--

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¹ Hybrid traits as reported by seed company when hybrids submitted for evaluation.