

**NDSU Carrington Research Extension Center
2010 Variety Trial Data**

Corn - Irrigated

Carrington (Page 1 of 3)

Brand	Hybrid	R.M.	Hybrid Traits ^{Co}	Days to Silk	Ear Height inch	Plant Height inch	Harvest Moisture %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----		
											2-yr. Avg.	3-yr. Avg.	
											2010	bu/ac	
Kruger	K-6378VT3	78	VT3	72.3	31.9	93	15.0	71.6	15.0	56.9	133.5	133.2	--
Kruger	K-6282VT3	82	VT3	74.3	35.2	102	17.0	70.7	17.0	55.8	169.3	--	--
Kruger	K-6385VT3	85	VT3	73.5	31.5	95	16.2	72.1	16.2	56.7	161.2	148.0	--
Kruger	K-6286VT3	86	VT3	75.5	37.0	97	17.3	71.3	17.3	56.2	161.2	--	--
Kruger	K-6490VT3	90	VT3	77.0	38.8	100	17.5	70.8	17.5	54.4	184.2	163.9	--
Hyland Seeds	HL CVR34	87	VT3	77.0	34.3	98	16.6	71.9	16.6	52.7	184.1	--	--
Hyland Seeds	8234	87	SmartStax	75.8	36.0	100	17.1	71.8	17.1	52.3	174.7	--	--
Hyland Seeds	HL B32R	87	CB/LL	75.3	33.7	102	17.6	72.5	17.6	51.4	185.5	--	--
Hyland Seeds	HL CVR48	90	VT3	77.0	40.2	102	17.6	71.0	17.6	54.9	162.3	147.0	132.7
Hyland Seeds	HL CVR54	92	VT3	79.8	40.6	100	17.7	71.0	17.7	48.4	174.8	156.0	--
Proseed	10-85 RRBt	85	RRBt	77.0	37.6	97	18.5	70.8	18.5	51.4	174.7	--	--
Proseed	787 SS	87	SS	75.8	34.6	101	17.2	71.4	17.2	52.6	161.6	147.2	142.9
Proseed	10-86GTCBLL	86	GT/CB/LL	75.0	31.9	99	18.6	71.7	18.6	51.9	178.5	--	--
North Star Genetics	NS87-102	87	GT/CB/LL	76.3	35.0	101	17.8	71.3	17.8	51.9	185.6	--	--
North Star Genetics	NS84-101	84	GT/CB/LL	74.3	34.1	100	18.6	72.0	18.6	52.5	177.4	--	--
Dyna-Gro Seed	51V57	85	VT3	77.5	37.0	101	20.8	71.5	20.8	50.3	192.7	170.7	--
Dyna-Gro Seed	52V01	87	VT3	76.5	37.0	102	17.1	71.4	17.1	51.7	166.0	157.8	--
Dyna-Gro Seed	D27GC19	87	GT/CB/LL	77.5	34.6	99	18.0	71.0	18.0	50.1	162.6	--	--
Renk	RK268VT3	85	RR, Bt, CRW	76.3	38.8	99	17.5	71.4	17.5	52.1	170.5	157.5	144.7
Renk	RK212CBLL	82	LL, Bt	75.5	36.0	103	17.0	71.9	17.0	49.9	172.9	155.2	--
Renk	RK248VT3	84	RR, Bt, CRW	73.5	34.4	95	17.1	70.7	17.1	54.8	170.3	--	--
Renk	RK204RRHX	81	RR, Bt, LL	78.0	35.2	99	16.4	71.3	16.4	49.5	148.2	--	--
Renk	RK258VT3	83	RR, Bt, CRW	75.3	39.0	95	16.4	71.0	16.4	57.2	147.0	--	--
PFS	27V89	89	VT3	76.5	35.4	100	16.2	71.8	16.2	52.1	181.6	--	--
PFS	56J86	86	VT3	75.3	34.4	99	17.1	71.4	17.1	53.2	172.1	164.6	151.7
MEAN				75.9	35.9	100.3	17.2	71.4	17.2	52.9	172.1	--	--
C.V. (%)				1.5	9.5	4.0	3.7	0.8	3.7	4.4	8.5	--	--
LSD 0.05				1.5	4.7	5.6	0.9	0.8	0.9	3.2	20.3	--	--

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											2010	2-yr. Avg.	3-yr. Avg.
PFS	54M83	83	VT3	75.0	36.0	101	16.8	71.3	16.8	55.8	173.0	159.7	148.8
PFS	57V84	84	VT3	74.3	33.9	95	16.3	71.1	16.3	54.8	163.7	--	--
Seeds 2000	8801 VT3	88	VT3	77.3	35.6	102	17.3	71.3	17.3	52.4	177.5	174.0	157.3
Seeds 2000	2883 GTCBLL	88	GTCBLL	76.0	35.2	99	17.6	71.0	17.6	52.9	169.9	--	--
Seeds 2000	2852 GTCBLL	85	GTCBLL	76.0	37.8	103	17.8	72.4	17.8	50.4	177.5	--	--
REA Hybrids	2T320	84	VT3	73.0	30.1	97	17.8	71.3	17.8	55.6	144.3	--	--
REA Hybrids	2T149	85	VT3	74.8	32.1	98	16.6	72.0	16.6	56.0	159.9	--	--
REA Hybrids	2T425	85	VT3	73.8	33.7	97	16.8	71.9	16.8	55.9	165.3	--	--
REA Hybrids	2T687	86	VT3	74.3	35.0	100	16.7	71.6	16.7	54.4	152.8	--	--
NuTech	0A-183	83		75.8	32.3	101	16.8	72.6	16.8	54.8	174.2	--	--
NuTech	3A-484 RR	84	RR2	76.5	35.6	101	17.4	71.1	17.4	52.1	148.5	--	--
NuTech	3T-484 VT3	84	VT3	77.8	34.3	101	16.8	71.5	16.8	49.0	170.2	159.1	--
NuTech	1B-485 CB/LL	85	CB/LL	76.3	37.6	103	17.7	71.2	17.7	48.3	187.8	--	--
NuTech	5N-186 GT/CB/LL/RV	86	GT/CB/LL/RV	74.5	34.6	105	17.9	71.4	17.9	53.6	185.5	--	--
NuTech	1B-186 GT/CB/LL	86	GT/CB/LL	75.5	35.6	104	17.6	72.5	17.6	50.9	176.8	161.7	--
NuTech	5B-887 GT/CB/LL	87	GT/CB/LL	76.0	36.4	101	17.2	70.4	17.2	53.0	171.6	--	--
NuTech	3C-889 RR/YGCB	89	RR2/YGCB	76.3	36.6	102	17.6	71.2	17.6	54.3	188.9	162.1	--
NuTech	3A-889 RR	89	RR2	77.3	35.8	102	17.0	71.4	17.0	52.6	197.4	--	--
NuTech	5B-290 GT/CB/LL	90	GT/CB/LL	78.8	38.8	103	17.9	70.8	17.9	48.0	196.5	--	--
NuTech	1B-291 CB/LL	91	CB/LL	79.0	38.2	104	18.5	71.2	18.5	49.1	202.5	--	--
NuTech	1B-592 CB/LL	92	CB/LL	77.0	34.3	102	18.1	70.9	18.1	52.5	183.4	--	--
G2 Genetics	5H-884 RR/HX	84	RR2/HX1/LL	74.0	36.0	99	16.7	71.1	16.7	54.2	158.9	150.6	--
G2 Genetics	5H-885 RR/HX	85	RR2/HX1/LL	75.5	37.0	102	17.1	70.9	17.1	53.3	160.3	--	--
G2 Genetics	5H-589 RR/HX	89	RR2/HX1/LL	77.5	37.4	104	16.1	71.2	16.1	51.0	162.6	--	--
G2 Genetics	5H-992 RR/HX	92	RR2/HX1/LL	77.5	41.7	107	17.0	70.9	17.0	46.9	183.1	--	--
MEAN				75.9	35.9	100.3	17.2	71.4	17.2	52.9	172.1	--	--
C.V. (%)				1.5	9.5	4.0	3.7	0.8	3.7	4.4	8.5	--	--
LSD 0.05				1.5	4.7	5.6	0.9	0.8	0.9	3.2	20.3	--	--

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											2010	2-yr. Avg.	3-yr. Avg.
G2 Genetics	5H-992A RR/HX	92	RR2/HX1/LL	77.3	41.7	107	17.1	70.9	17.1	49.3	192.6	--	--
Dekalb	DKC35-43	85	VT3	76.0	34.3	99	16.6	72.2	16.6	56.8	161.0	--	--
Dekalb	DKC36-34	86	VT3	74.8	32.5	101	17.6	71.5	17.6	55.0	172.5	155.1	--
Wensman Seed	W 8085VT2PRO	84	VT2PRO	74.0	35.6	99	17.4	72.2	17.4	55.0	184.0	--	--
Wensman Seed	W 6094GTCBLL	88	GTCBLL	79.8	42.9	105	18.5	70.4	18.5	53.2	185.7	--	--
Terning	TS 7952	77	RR	73.3	33.7	99	15.9	71.0	15.9	57.1	147.2	--	--
Terning	TS 8000	83	RR	74.8	33.5	94	17.7	71.3	17.7	50.7	163.2	--	--
REA Hybrids	1A218	80	Genuity, Smart	76.3	40.2	103	16.7	70.8	16.7	56.0	172.2	--	--
REA Hybrids	2T723	86	VT3	73.8	30.7	97	17.8	71.7	17.8	54.8	158.1	--	--
REA Hybrids	2T797	87	VT3	77.3	35.4	102	16.2	71.4	16.2	52.7	177.5	--	--
Dekalb	DKC33-54	83	RR	73.0	34.4	98	15.8	71.6	15.8	56.9	157.1	145.3	137.0
Wensman Seed	W 8107VT2PRO	90	VT2PRO	77.0	39.2	104	17.0	71.4	17.0	53.1	184.7	--	--
MEAN				75.9	35.9	100.3	17.2	71.4	17.2	52.9	172.1	--	--
C.V. (%)				1.5	9.5	4.0	3.7	0.8	3.7	4.4	8.5	--	--
LSD 0.05				1.5	4.7	5.6	0.9	0.8	0.9	3.2	20.3	--	--

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^{Co} : Hybrid traits as reported by seed company when hybrids submitted for evaluation.