

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

**Corn - Dryland** **Carrington (Page 1 of 4)**

Brand	Hybrid	R.M.	Hybrid Traits <sup>Co</sup>	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----		
											2-yr. Avg. bu/ac	3-yr. Avg.	
Pioneer Brand	39V07	80	HX1,LL,RR2	78.8	40.3	99.5	8.7	71.3	14.2	57.7	139.7	--	--
Pioneer Brand	39D97	79	HX1,LL,RR2	76.5	41.0	100.4	8.5	70.6	14.6	59.5	131.9	--	--
Pioneer Brand	P8581R	85	RR2	80.0	42.2	101.6	9.3	71.1	15.6	56.9	151.1	--	--
Kruger	K-6378VT3	ther Ear	VT3	75.0	40.2	101.3	9.7	70.4	15.1	59.0	146.1	128.6	--
Kruger	K-6282VT3	82	VT3	79.3	38.9	101.6	10.1	69.5	14.7	58.7	151.3	--	--
Kruger	K-6385VT3	85	VT3	77.8	41.7	102.9	9.0	71.3	14.4	58.2	161.4	149.4	--
Kruger	K-6286VT3	86	VT3	81.3	44.2	102.9	10.0	71.0	15.3	58.5	159.8	--	--
Kruger	K-6490VT3	90	VT3	80.8	49.9	109.9	8.7	69.9	16.8	56.9	176.9	150.9	--
Dairyland Seed	ST6382	82	RR	77.5	41.1	105.4	9.2	70.1	13.9	55.9	148.6	--	--
Dairyland Seed	ST-7985	85	GTCBLL	81.3	45.0	109.3	9.3	71.1	14.6	54.3	165.7	152.9	146.4
Dairyland Seed	ST-9286	86	VT3	81.0	41.9	107.2	8.6	71.3	15.2	55.4	169.4	155.2	--
Hyland Seeds	HL CVR34	87	VT3	81.0	44.0	105.8	8.4	71.6	15.0	55.1	170.4	--	--
Hyland Seeds	8234	87	SmartStax	80.0	42.9	104.1	8.8	71.3	14.8	55.4	179.2	--	--
Hyland Seeds	HL B32R	87	CB/LL	79.5	41.5	105.3	9.4	71.0	14.5	56.1	177.6	--	--
Hyland Seeds	HL CVR48	90	VT3	82.3	44.6	109.3	8.7	70.7	15.3	57.4	159.8	142.9	--
Hyland Seeds	HL CVR54	92	VT3	84.0	46.9	108.6	8.7	70.6	15.3	54.2	179.3	156.2	--
Proseed	981 GTGTCBLL	81	GTCBLL	80.3	40.4	99.1	9.4	71.4	15.0	57.6	156.6	136.6	--
Proseed	884 VT3	84	VT3	79.8	42.1	103.3	9.1	70.1	15.4	57.8	166.9	134.7	126.7
Proseed	10-85 RRBt	85	RRBt	81.8	42.9	106.6	9.6	71.0	16.6	52.4	162.7	--	--
Proseed	787 SS	87	SS	80.8	39.7	102.6	8.4	71.6	14.9	56.0	170.2	147.4	132.6
Proseed	10-86GTCBLL	86	GT/CB/LL	80.3	36.3	99.8	8.9	71.3	16.7	56.7	186.1	--	--
North Star Genetic	NS87-102		GT/CB/LL	80.8	41.5	102.3	9.6	70.2	15.1	56.0	159.0	--	--
North Star Genetic	NS84-101		GT/CB/LL	79.8	37.0	98.4	9.1	70.7	16.3	56.8	166.4	--	--
Dyna-Gro Seed	51V57	85	VT3	82.5	39.6	104.8	9.0	70.8	17.9	53.1	180.9	152.3	--
Dyna-Gro Seed	52V01	87	VT3	81.0	42.0	105.3	8.4	70.8	15.5	55.7	167.5	150.7	141.4
MEAN				80.3	41.7	103.8	9.1	70.7	15.2	56.3	166.1	--	--
C.V.%				1.2	6.5	3.5	4.8	0.8	5.3	1.2	8.2	--	--
LSD.05				1.3	3.8	5.0	0.6	0.8	1.1	0.9	18.9	--	--

**Planting Date = May 6 ; Harvest Date = October 14 ; Previous Crop = Soybean**

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**Carrington (Page 2 of 4)**

Brand	Hybrid	R.M.	Hybrid Traits <sup>Co</sup>	Days to Silk	Ear Height	Plant Height	Grain Protein	Starch Content	Harvest Moisture	Test Weight	----- Grain Yield -----		
											2010	2-yr. Avg.	3-yr. Avg.
Dyna-Gro Seed	D27GC19	87	GT/CB/LL	80.5	39.9	101.2	9.8	69.7	15.1	56.5	158.7	--	--
Renk	RK268VT3	85	RR, Bt, CRW	81.3	41.2	103.7	8.5	71.3	15.8	55.6	169.0	149.1	--
Renk	RK212CBLL	82	LL, Bt	81.8	39.4	101.9	9.3	70.8	14.7	56.0	159.9	147.8	--
Renk	RK248VT3	84	RR, Bt, CRW	78.8	40.3	100.4	9.6	70.0	14.7	56.8	174.5	--	--
Renk	RK204RRHX	81	RR, Bt, LL	81.3	42.9	105.1	10.0	69.8	14.2	56.4	156.2	--	--
Renk	RK258VT3	83	RR, Bt, CRW	80.5	43.3	102.5	10.0	70.1	14.7	59.4	148.3	--	--
PFS	27V89	89	VT3	80.5	42.1	105.5	9.1	71.3	14.5	54.9	177.8	--	--
PFS	56J86	86	VT3	80.5	41.1	104.8	8.4	71.1	15.7	56.3	174.6	157.2	141.0
PFS	54M83	83	VT3	79.8	43.3	107.2	9.0	70.5	15.4	58.3	168.0	146.3	132.6
PFS	57V84	84	VT3	78.3	41.2	101.8	9.6	70.5	15.2	56.9	163.7	--	--
Seeds 2000	8801 VT3	88	VT3	82.0	42.4	103.9	8.2	71.2	16.0	55.0	171.9	157.1	145.3
Seeds 2000	2883 GTCBLL	88	GTCBLL	81.5	43.2	106.5	10.0	70.3	14.5	56.5	158.4	--	--
Seeds 2000	2852 GTCBLL	85	GTCBLL	81.5	43.2	105.7	9.4	70.8	14.6	55.0	166.3	--	--
REA Hybrids	2T956	83	VT3	79.3	38.9	101.0	9.4	70.5	15.2	58.5	164.8	--	--
REA Hybrids	2T320	84	VT3	76.8	37.8	98.8	8.7	70.2	15.7	58.8	159.6	--	--
REA Hybrids	2T149	85	VT3	78.5	42.4	102.4	9.2	71.3	14.4	58.4	163.7	--	--
REA Hybrids	2T425	85	VT3	79.3	44.5	99.5	9.2	70.5	14.6	58.0	163.0	--	--
REA Hybrids	1R880	82	RR2	76.8	39.6	99.7	9.2	70.5	14.5	57.8	155.4	--	--
REA Hybrids	2T687	86	VT3	79.0	41.8	102.0	8.5	71.4	14.6	57.5	166.8	--	--
Gold Country Seed	84-03 VT3	84	VT3	78.0	43.8	102.5	8.9	71.3	14.4	58.4	173.6	157.5	--
Gold Country Seed	86-16 VT3	86	VT3	78.0	39.9	99.3	8.9	71.3	14.6	57.9	160.2	--	--
Gold Country Seed	84-24 VT2	84	VT2	78.3	37.8	101.4	8.5	71.5	15.0	57.2	167.4	--	--
Gold Country Seed	81-21 VT3P	81	VT3P	78.8	38.2	100.5	9.9	70.4	15.1	58.4	160.1	--	--
NuTech	0A-183	83		80.5	41.7	106.6	9.2	70.8	14.2	56.4	164.6	--	--
NuTech	3A-484 RR	84	RR2	81.0	40.7	106.8	8.7	71.3	16.3	54.7	153.5	--	--
NuTech	3T-484 VT3	84	VT3	81.5	43.8	104.3	8.4	71.1	15.4	55.1	175.0	155.2	145.9
MEAN				80.3	41.7	103.8	9.1	70.7	15.2	56.3	166.1	--	--
C.V.%				1.2	6.5	3.5	4.8	0.8	5.3	1.2	8.2	--	--
LSD.05				1.3	3.8	5.0	0.6	0.8	1.1	0.9	18.9	--	--

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Brand	Hybrid	R.M.	Hybrid Traits <sup>Co</sup>	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----		
											2-yr. Avg. bu/ac	3-yr. Avg.	
NuTech	1B-485 CB/LL	85	CB/LL	81.3	40.4	104.5	8.9	70.6	14.8	56.2	178.3	--	--
NuTech	5N-186 GT/CB/LL/RV	86		79.3	36.6	102.8	8.9	71.2	16.1	56.5	175.1	--	--
NuTech	1B-186 GT/CB/LL	86	GT/CB/LL	80.8	43.4	107.9	9.6	71.1	14.8	54.4	167.2	--	--
NuTech	5B-887 GT/CB/LL	87	GT/CB/LL	81.3	40.6	104.5	9.5	70.0	14.6	56.7	170.2	--	--
NuTech	3C-889 RR/YGCB	89	RR2/YGCB	81.3	44.5	106.5	8.8	70.7	15.4	56.2	188.4	161.9	--
NuTech	3A-889 RR	89	RR2	81.5	45.2	107.8	8.6	70.6	15.6	56.4	187.5	--	--
NuTech	5B-290 GT/CB/LL	90	GT/CB/LL	82.5	46.6	109.9	9.0	70.4	15.4	53.1	185.0	--	--
NuTech	1B-291 CB/LL	91	CB/LL	82.3	42.7	107.8	9.2	71.0	14.9	52.7	181.0	--	--
NuTech	1B-592 CB/LL	92	CB/LL	82.0	40.0	105.2	9.6	70.0	15.4	55.8	169.6	--	--
G2 Genetics	5H-884 RR/HX	84	RR2/HX1/LI	76.8	41.5	104.3	9.3	70.3	16.6	58.0	159.2	145.7	--
G2 Genetics	5H-885 RR/HX	85	RR2/HX1/LI	80.5	44.9	107.2	9.7	69.7	15.5	55.3	159.9	--	--
G2 Genetics	5H-589 RR/HX	89	RR2/HX1/LI	81.3	44.3	108.5	8.2	71.0	15.0	54.3	187.0	--	--
G2 Genetics	5H-992 RR/HX	92	RR2/HX1/LI	82.8	49.2	115.4	8.7	70.3	15.0	52.2	165.9	--	--
G2 Genetics	5H-992A RR/HX	92	RR2/HX1/LI	83.3	48.8	112.2	8.6	70.5	16.1	52.2	174.6	--	--
Integra Fortified S	9361 VT3	86	R	81.3	42.4	103.8	8.2	71.8	15.9	55.1	173.0	--	--
Integra Fortified S	6385 VT3	85	R	81.5	41.6	103.1	9.4	70.8	14.6	57.6	166.9	147.0	136.3
Integra Fortified S	9340 RBC	84	R	80.3	42.8	105.6	8.7	70.2	16.0	57.2	164.8	--	--
Channel	187-73R Brand	87	RR	80.5	38.0	106.5	8.5	70.6	15.8	55.3	167.9	--	--
Channel	189-59VT3 Brand	89	VT3	80.8	42.7	108.1	9.2	70.3	15.8	56.2	182.9	--	--
Channel	190-21VT3P Brand	90	VT3Pro	80.0	40.4	100.7	7.8	71.1	15.8	55.6	177.7	--	--
Dekalb	DKC35-43	85	VT3	81.5	42.6	102.4	9.3	70.7	14.6	58.6	176.1	--	--
Dekalb	DKC36-34	86	VT3	78.3	40.4	101.8	8.9	70.7	15.2	57.1	166.2	148.8	--
Wensman Seed	W 7080VT3	80	VT3	79.3	39.9	101.4	9.7	70.5	15.0	58.8	171.7	--	--
Wensman Seed	W 8082VT2PRO	82	VT2PRO	79.0	38.7	100.4	9.5	70.6	15.0	58.4	166.4	--	--
Wensman Seed	W 8085VT2PRO	84	VT2PRO	80.5	38.9	97.1	8.5	71.1	15.4	55.3	168.5	--	--
MEAN				80.3	41.7	103.8	9.1	70.7	15.2	56.3	166.1	--	--
C.V.%				1.2	6.5	3.5	4.8	0.8	5.3	1.2	8.2	--	--
LSD.05				1.3	3.8	5.0	0.6	0.8	1.1	0.9	18.9	--	--

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**Carrington (Page 4 of 4)**

Brand	Hybrid	R.M.	Hybrid Traits <sup>Co</sup>	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----		
											2010	2-yr. Avg. bu/ac	3-yr. Avg.
Wensman Seed	W 7089VT3	86	VT3	81.5	42.9	103.3	8.8	71.2	15.0	54.9	174.6	154.5	142.7
Wensman Seed	W 6094GTCBLL	88	GTCBLL	83.8	47.6	106.7	9.1	70.7	17.8	54.4	176.0	--	--
Stine Seed	9200VT3	85	RRYGCB	80.0	43.0	103.1	8.4	71.4	15.1	55.9	169.7	--	--
Wolf River	2982RR	82		81.5	41.1	96.7	9.4	69.6	16.5	53.5	173.8	147.6	139.8
Wolf River	2177	77		78.0	37.3	101.9	10.9	70.1	13.2	55.4	135.8	--	--
Terning	TS 7952	77	RR	77.8	37.0	97.1	9.7	69.7	14.5	57.9	133.7	126.9	--
Terning	TS 8000	83	RR	79.5	34.6	92.0	9.4	70.2	15.4	54.1	175.7	145.7	--
Legend	9083VT3	83	VT2P,VT3	80.0	43.0	109.5	9.2	70.3	15.3	58.7	156.9	139.5	--
Legend	LR9982GT	82	GTCBLL	79.0	42.2	99.4	9.8	70.6	14.6	58.0	144.8	--	--
Legend	LR9887VT3	87	GENSS	82.3	41.6	106.1	8.2	71.4	15.4	55.3	180.2	155.7	--
Master's Choice	MCT-480-GT	90	RR	80.8	42.2	103.3	9.8	70.4	14.8	55.3	160.9	--	--
Master's Choice	MCT-490	94	RR	84.8	43.8	105.9	9.5	70.8	17.6	52.6	155.9	--	--
MEAN				80.3	41.7	103.8	9.1	70.7	15.2	56.3	166.1	--	--
C.V.%				1.2	6.5	3.5	4.8	0.8	5.3	1.2	8.2	--	--
LSD.05				1.3	3.8	5.0	0.6	0.8	1.1	0.9	18.9	--	--

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<sup>Co</sup> : Hybrid traits as reported by seed company when hybrids submitted for evaluation.