

**NDSU Carrington Research Extension Center  
2013 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	Stalk Lodge 0 to 9	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----	
												2013 ----- bu/ac	2-yr. Avg. -----
Channel	189-03	89	VT2PRIB	80.0	40.4	104.3	0.3	8.7	70.5	24.0	49.2	198.5	--
Dairyland	DS-9780Q	80	HXTR	80.0	36.0	106.5	0.3	9.9	71.8	22.8	54.7	148.4	--
Dairyland	DS-9383SSX	83	DAS SMARTST	80.0	32.1	96.7	0.3	9.5	70.6	28.1	48.3	138.4	--
Dairyland	DS-7085	85	GTCBLL	80.0	40.3	105.7	0.5	8.7	73.0	22.5	53.0	165.1	--
Dairyland	DS-7985	85	GTCBLL	80.0	43.3	105.7	0.8	9.4	72.4	22.6	51.9	169.6	--
Dekalb	DKC31-10	81	VT2PRO	79.5	39.0	102.0	0.0	8.7	72.8	22.6	54.6	161.9	--
Dekalb	DKC33-78	83	VT2PRO	79.8	36.6	98.8	0.0	9.0	72.5	23.3	54.5	154.8	--
Dyna-Gro	D23VC35	83	VT2P	79.8	41.3	100.0	0.3	8.1	72.5	26.0	52.8	171.1	196.7
Dyna-Gro	D24VC44	84	VT2P	79.0	38.4	102.8	0.0	8.4	72.2	24.4	55.3	164.8	--
Dyna-Gro	D26VP56	86	VT3P	80.0	38.2	101.2	0.0	8.3	72.3	23.0	52.8	189.6	201.2
Gold Country Seed	85-39 R3P		RR/Bt/CRW	79.0	37.7	98.4	0.3	8.9	72.2	23.7	55.1	179.0	--
Integra	9333	83	VT2PRO	80.3	44.7	111.2	0.3	9.9	71.7	22.5	56.2	172.1	--
Integra	3537	85	VT2PRO	80.3	42.7	106.7	0.0	8.0	72.0	25.9	51.4	187.7	--
Integra	9352	85	VT2PRO	80.8	39.4	104.9	0.3	8.3	72.8	25.4	52.2	180.1	--
Integra	9361	86	VT2PRO	79.5	41.9	105.5	0.5	8.4	72.4	21.7	52.3	186.7	--
Integra	9390		VT2PRO	81.3	39.4	107.1	1.0	7.9	70.8	29.2	48.1	189.7	--
Nuseed	2852GTCBLL	85	GT/CB/LL	79.5	44.1	105.5	1.8	9.3	71.9	23.6	51.3	173.6	--
Nuseed	8701 VT2P	87	VT Double Pro	80.3	41.7	104.3	0.5	7.9	72.4	25.6	52.0	177.9	--
Nuseed	8801 VT2P	88	VT Double Pro	79.5	44.1	107.5	0.8	8.4	72.1	21.9	52.8	172.3	--
Nuseed	9001 VP3220	90	Viptera 3220	83.5	49.0	114.2	2.5	9.1	71.5	27.5	46.9	186.3	--
NuTech	5B-186	86	GT/CB/LL	82.8	45.5	112.6	0.3	9.5	69.5	29.9	43.6	185.4	--
NuTech	5B-888	88	GT/CB/LL	81.8	45.9	112.4	0.8	9.0	72.6	23.2	52.3	190.4	--
MEAN				80.5	41.0	105.2	0.5	8.8	72.2	25.4	51.7	174.3	--
C.V. (%)				1.2	6.4	3.2	133	5.4	1.2	6.8	2.9	6.6	--
LSD 0.10				1.2	3.1	4.0	0.8	0.6	1.0	2.0	1.7	13.4	--
LSD 0.05				1.4	3.6	4.7	1.0	0.7	1.2	2.4	2.1	16.0	--
#REPS				4	4	4	4	4	4	4	4	4	--

Planting Date = May 15 ; Harvest Date = November 7 ; 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	Stalk Lodge 0 to 9	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----	
												2013 ----- bu/ac	2-yr. Avg. -----
NuTech	5B-290	90	GT/CB/LL	83.5	47.6	114.0	1.8	8.7	72.2	25.6	47.6	179.9	197.3
NuTech	5N-9404	94	GT/CB/LL/RW	83.8	43.9	117.9	0.8	8.9	71.6	34.4	46.0	176.7	--
NuTech	5V-792	94	GT/CB/LL/RW/1	82.0	43.7	105.5	1.0	8.3	73.2	30.1	49.6	176.0	--
NuTech/G2 Genetics	5X-890	89	HXT/RR2/LL	83.8	46.0	109.8	1.3	8.7	71.3	25.8	48.1	180.8	--
NuTech/G2 Genetics	5Z-091	91	YGCB/HX1/RR2	80.0	43.3	111.6	0.5	8.5	71.7	27.6	48.8	201.3	--
NuTech/G2 Genetics	5X-193	93	HXT/RR2/LL	81.3	42.9	103.9	0.3	9.4	70.8	30.4	47.5	193.4	201.6
NuTech/G2 Genetics	5X-894	94	HXT/RR2/LL	81.5	41.9	108.5	0.8	8.8	71.9	26.9	50.4	186.0	--
NuTech/G2 Genetics	5X-795	95	HXT/RR2/LL	82.3	44.7	112.2	0.0	9.1	70.8	30.3	47.5	167.9	187.6
PFS	71D83	83	GENVT2P	79.5	37.2	98.0	0.0	8.8	73.0	21.5	56.0	163.9	--
PFS	92G84	84	GT/CB/LL	79.8	40.6	103.5	0.3	8.5	73.8	20.9	54.6	175.0	193.6
PFS	75K85	85	GENVT2P	80.3	42.9	104.7	0.3	8.3	71.9	24.7	51.7	184.3	--
Prairie Brand	822SX	83	SX	80.0	35.8	103.5	0.0	9.4	70.9	29.4	48.2	162.3	--
Prairie Brand	821GTCB	84	GT/CB/LL	80.3	41.5	107.9	0.3	8.4	73.3	22.7	54.6	173.6	--
Prairie Brand	851RA	87	RA	80.0	37.0	99.8	0.3	9.0	70.8	29.7	48.4	161.1	--
Prairie Brand	920GT3	90	3000GT	84.3	49.2	115.0	2.3	8.4	72.3	27.3	48.3	183.5	--
Prairie Brand	4284SX	92	SX	85.3	38.0	108.7	0.5	8.8	73.0	31.9	49.0	157.4	--
Prairie Brand	4364AS3122	93	Viptera 3122	79.3	40.6	104.3	0.5	8.4	73.0	32.3	48.2	159.9	--
Proseed	1083VIP3220	83	VIP3220	79.0	42.5	107.7	0.5	9.0	73.2	21.1	54.2	171.8	--
Proseed	PX85VT2B	85	VT2P	79.0	37.6	109.3	0.0	8.2	73.0	24.2	55.9	169.3	--
Proseed	PX85VT2P	85	VT2P	80.0	41.7	103.9	0.0	8.2	71.7	25.5	52.0	188.5	--
Rea Hybrids	2B830-RIB	83	VT2P-RIB	80.0	40.2	102.4	0.8	9.2	72.0	24.5	53.1	178.8	--
Rea Hybrids	2B404-RIB	85	VT2P-RIB	80.0	39.0	98.0	0.3	9.4	71.7	21.5	54.6	175.2	187.2
MEAN				80.5	41.0	105.2	0.5	8.8	72.2	25.4	51.7	174.3	--
C.V. (%)				1.2	6.4	3.2	133	5.4	1.2	6.8	2.9	6.6	--
LSD 0.10				1.2	3.1	4.0	0.8	0.6	1.0	2.0	1.7	13.4	--
LSD 0.05				1.4	3.6	4.7	1.0	0.7	1.2	2.4	2.1	16.0	--
#REPS				4	4	4	4	4	4	4	4	4	--

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Brand	Hybrid	R.M.	Hybrid Traits <sup>1</sup>	Days to	Ear	Plant	Stalk	Grain	Starch	Harvest	Test	----- Grain Yield -----	
				Silk	Height	Height	Lodge	Protein	Content	Moisture	Weight	2013	2-yr.
					inch	inch	0 to 9	%	%	%	lb/bu	bu/ac	-----
Rea Hybrids	2B850-RIB	85	VT3P-RIB	79.5	36.8	99.6	0.5	9.0	72.4	21.4	54.6	152.9	--
Rea Hybrids	2V550-RIB	85	VT3P-RIB	79.3	38.0	97.0	0.5	8.8	72.3	24.2	52.8	178.5	194.6
Rea Hybrids	2B721-RIB	86	VT2P-RIB	79.3	36.0	100.8	0.0	8.7	71.6	27.4	51.6	168.8	185.8
Rea Hybrids	2V870-RIB	87	GenVT3P-RIB	80.8	43.3	108.7	0.5	8.9	73.1	23.0	53.6	186.4	205.3
Rea Hybrids	3B266-RIB	89	VT2P-RIB	80.3	37.8	99.6	1.3	8.1	71.8	28.4	50.1	153.9	185.3
Rea Hybrids	3B890-RIB	89	VT2P-RIB	79.8	41.7	101.0	0.5	8.5	73.6	23.2	54.9	180.3	--
Renk	RK266VT3P	85	VT3P	81.0	40.6	102.2	0.3	8.5	71.9	25.8	50.6	181.7	199.1
Thunder	6180VT2P RIB	80	VT2P RIB	79.3	40.4	104.1	0.3	9.6	72.0	22.3	55.8	158.1	--
Thunder	6382VT2P RIB	82	VT2P RIB	79.5	40.6	101.4	0.3	8.7	72.3	24.4	52.8	179.6	--
Thunder	4383VT2P RIB	83	VT2P RIB	80.0	37.0	103.7	0.0	9.5	72.7	23.0	55.7	157.6	--
Thunder	4377RR2	77	RR	79.8	40.7	106.9	3.3	8.4	73.2	20.3	56.4	142.9	--
Thunder	4578RR2	78	RR	79.5	43.7	105.5	0.0	8.7	72.6	21.8	55.2	173.6	--
Thunder	4384RR2	84	RR	79.8	39.0	101.8	0.8	9.0	72.9	23.1	54.9	162.6	--
Thunder	4585RR2	85	RR	80.3	40.2	100.6	0.0	8.1	72.6	23.9	53.6	191.0	--
Wensman	W 8089VT2RIB	86	VT2RIB	79.5	44.5	106.9	0.8	8.5	72.4	22.2	52.3	170.2	--
Wensman	W 8097VT2RIB	88	VT2RIB	79.8	44.5	106.9	0.0	8.1	71.5	26.0	51.1	185.4	196.0
Wensman	W 8110VT2RIB	90	VT2RIB	81.5	37.4	101.2	1.3	9.1	71.8	33.1	48.1	174.8	--
Wensman	W 90904STX	90	STX	81.8	39.2	106.7	0.8	8.5	72.4	30.4	48.5	180.3	--
Wensman	W 8120VT2RIB	92	VT2RIB	81.3	40.7	108.3	0.5	8.4	72.8	26.2	50.6	190.0	209.0
MEAN				80.5	41.0	105.2	0.5	8.8	72.2	25.4	51.7	174.3	--
C.V. (%)				1.2	6.4	3.2	133	5.4	1.2	6.8	2.9	6.6	--
LSD 0.10				1.2	3.1	4.0	0.8	0.6	1.0	2.0	1.7	13.4	--
LSD 0.05				1.4	3.6	4.7	1.0	0.7	1.2	2.4	2.1	16.0	--
#REPS				4	4	4	4	4	4	4	4	4	--

**Planting Date = May 15 ; Harvest Date = November 7 ; Previous Crop = Spring Wheat**

<sup>1</sup> Hybrid traits as reported by seed company when hybrids submitted for evaluation.