

**NDSU Carrington Research Extension Center
2014 Variety Trial Data**

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

Brand	Hybrid	R.M.	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	---- Grain Yield ----	
											2014 ----- bu/ac	2-yr. Avg. -----
Agventure	RL1742HB	79	RR/LL/HB	73.0	34.1	99.0	10.9	70.7	19.0	57.3	166.9	--
Agventure	RL2289HB	81	RR/LL/HB	73.8	31.9	97.8	10.2	71.4	17.8	56.8	191.1	--
Agventure	GL2932AB	85	G/LL/AB	76.8	33.0	100.9	9.7	72.3	17.0	55.7	191.5	--
Blue River	09R19	79	RR	75.0	28.8	92.8	10.2	71.2	16.3	59.5	154.6	--
Chanel	187-42VT2PRIB	87	VT2P	74.8	33.0	95.5	9.8	71.8	16.3	58.4	173.2	--
Check Hybrid	Mycogen 2R158	83	SSXRA	77.0	28.9	102.3	9.9	71.2	15.7	57.1	172.0	--
Dairyland Seed	DS-9780Q	80	HXT	74.5	27.0	99.3	10.5	71.6	14.9	59.0	151.3	127.6
Dairyland Seed	DS-6284	84	RR	75.5	29.3	100.7	9.8	71.6	16.1	56.1	171.0	--
Dairyland Seed	DS-7085	85	GTCBLL	75.5	32.6	96.3	9.7	72.0	16.3	57.6	174.7	150.5
Dyna-Gro	D23VC35	83	VT2P	77.0	29.5	97.4	10.3	71.6	19.6	56.3	185.2	156.6
Dyna-Gro	D25VC66	85	VT2P	75.8	33.1	103.1	9.9	71.8	18.6	57.4	183.6	--
Dyna-Gro	D27VC76	87	VT2P	77.0	32.4	103.8	10.1	72.1	19.4	58.5	182.5	--
Funk's Frontiersman	82-3000GT	82	3000GT	75.5	32.2	97.3	9.6	71.9	15.0	56.5	174.1	--
Funk's Frontiersman	85-E4VT2P	85	VT2ProRIB	75.3	31.6	101.6	9.9	70.7	13.2	57.1	178.7	142.3
Funk's Frontiersman	86-C3VT2P	86	VT2ProRIB	76.3	33.2	96.1	9.7	72.1	15.7	57.5	177.4	--
Funk's Frontiersman	91-E3VT2P	91	VT2ProRIB	76.8	33.7	106.2	9.4	71.5	16.4	56.9	206.1	168.3
Hyland Seeds	4164	83	AS3122	75.5	34.8	102.0	9.6	71.5	15.5	57.2	174.9	--
Hyland Seeds	8166RA	83	SSX-RA	77.3	29.3	98.6	10.4	70.6	17.0	57.1	158.2	141.2
Hyland Seeds	3175	84	RR2	75.3	29.3	99.8	10.1	71.4	16.1	56.2	154.5	--
Hyland Seeds	8180RA	84	SSX-RA	75.5	31.2	98.9	10.1	71.2	18.1	54.8	173.5	152.4
Hyland Seeds	8201RA	84	SSX-RA	77.8	33.3	100.6	10.0	71.3	18.5	57.1	180.3	154.3
Integra	3142	81	VT3PRIB	73.8	28.5	98.3	10.2	71.3	16.1	58.7	165.1	--
Integra	9333	83	VT2PRIB	75.8	30.3	100.2	11.0	70.6	19.4	59.8	160.0	141.0
MEAN				75.6	31.2	99.3	10.1	71.4	16.8	57.2	176.8	--
C.V. (%)				1.1	10	4.1	3.8	1.0	16.1	1.1	6.9	--
LSD 0.10				1.0	3.5	4.8	0.4	0.9	3.1	0.7	14.2	--
LSD 0.05				1.2	4.1	5.7	0.5	1.0	3.7	0.9	16.9	--

Planting Date = May 9 ; Harvest Date = October 24 & November 3 (combine breakdown) ; Previous Crop = Spring Wheat

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Brand	Hybrid	R.M.	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	---- Grain Yield ----	
											2014 ----- bu/ac	2-yr. Avg. -----
Integra	9352	85	VT3PRO	76.3	29.1	100.0	9.5	72.3	18.9	58.4	175.3	158.0
Integra	3537	85	VT2PRO	76.5	30.4	103.5	9.8	71.0	17.9	57.1	168.9	152.1
Legacy Seeds	L2213	82	VT2Pro	71.3	26.9	92.0	10.7	71.3	17.3	58.2	150.2	--
Legacy Seeds	L2314	83	VT2Pro	74.5	30.4	98.1	9.8	72.4	18.4	57.5	186.5	--
Legacy Seeds	L2643	86	VT2Pro	74.8	30.7	100.2	9.7	71.8	14.7	57.5	187.5	--
Legacy Seeds	L2813	87	VT2Pro	75.8	32.6	105.2	9.8	71.2	18.2	57.7	191.5	--
Legacy Seeds	L2914	88	VT2Pro	76.5	31.7	101.5	10.5	71.2	17.0	58.4	187.7	--
Legacy Seeds	L3011	91	VT3Pro	76.3	31.6	106.6	9.4	72.5	15.9	56.8	204.7	--
Legend Seeds	LR 9279VT2PRIB	79	VT2PRIB	74.0	31.4	94.1	10.9	70.6	14.3	58.9	157.6	--
Legend Seeds	LR 9482VT2PRIB	82	VT2PRIB	77.3	31.4	100.0	10.2	71.4	18.6	57.5	175.4	--
Legend Seeds	LR 9384VT2PRIB	84	VT2PRIB	76.3	30.9	98.9	10.6	71.6	15.5	58.4	171.7	137.6
Legend Seeds	LR 9386VT3PRIB	86	VT3PRIB	76.0	30.1	95.7	9.9	71.7	14.8	58.7	179.0	153.7
Legend Seeds	LR 9487VT2PRIB	87	VT2PRIB	76.8	34.0	99.9	9.7	72.0	17.2	57.3	182.9	--
Mycogen Seeds	2R158	83	SSXRA	78.0	26.4	97.9	10.2	70.0	19.8	56.8	176.1	149.5
Mycogen Seeds	2Y189	85	SSXRA	75.5	34.4	97.9	10.2	70.6	17.8	54.9	172.1	--
Mycogen Seeds	2G164		GTCBLL	76.3	33.7	99.2	9.4	72.4	18.0	57.3	175.7	151.2
Nuseed	2852 GTCBLL	85	GTCBLL	75.8	34.0	98.2	9.7	72.3	18.7	56.0	184.1	161.5
Nuseed	8504 VT2P	85	vt double pro	75.5	33.6	96.1	10.0	71.8	18.2	57.2	188.0	--
Nuseed	8701 VT2P	87	vt double pro	75.3	33.8	102.3	9.7	71.4	14.0	57.1	179.6	155.9
NuTech	5B-186	86	GT/CB/LL	76.8	33.8	97.2	9.6	72.1	16.0	55.9	184.8	171.2
NuTech	5B-195	95	GT/CB/LL/RW/BL	80.0	35.8	111.7	10.3	71.9	21.3	54.8	189.0	--
NuTech/G2 Genetics	5F-091	91	YGCB/HX1/RR2/LL	77.0	33.5	105.7	9.8	71.5	18.0	55.4	204.8	--
NuTech/G2 Genetics	5X-894	94	HXT/RR2/LL	78.8	30.5	101.0	9.6	71.9	17.0	55.5	205.6	171.1
MEAN				75.6	31.2	99.3	10.1	71.4	16.8	57.2	176.8	--
C.V. (%)				1.1	10	4.1	3.8	1.0	16.1	1.1	6.9	--
LSD 0.10				1.0	3.5	4.8	0.4	0.9	3.1	0.7	14.2	--
LSD 0.05				1.2	4.1	5.7	0.5	1.0	3.7	0.9	16.9	--

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NuTech/G2 Genetics	5Y-196	96	YGCB/HX1/RR2/LL	79.3	35.4	106.0	9.4	72.0	15.2	53.8	200.9	--
PFS	71D83	83	VT2P	71.8	26.8	89.8	10.7	70.7	16.3	58.1	136.2	129.9
PFS	98E84	84	VT2P	76.8	32.5	92.6	10.1	71.7	17.7	57.1	164.5	--
PFS	75K85	85	VT2P	75.8	30.9	98.0	9.8	71.8	14.5	56.9	179.1	156.8
Pioneer	P7632AM		AM,LL,RR2	73.3	28.4	96.0	9.8	71.8	16.8	57.1	156.8	--
Pioneer	P8210HR		HX1, LL, RR2	73.0	27.7	95.0	10.8	70.9	13.8	56.3	168.4	143.4
Pioneer	P8673AM		AM,LL,RR2	75.5	32.3	105.0	10.0	71.3	17.2	56.6	188.6	--
Pioneer	P8639AM		AM,LL,RR2	74.3	31.9	97.8	9.5	71.6	15.6	56.6	197.0	--
Proseed	1382 VT2P	82	VT2P	78.0	31.7	99.8	10.1	71.7	18.4	56.6	183.9	--
Proseed	1182 GTCBLL	82	GTCBLL	74.8	31.9	109.2	10.0	71.5	16.8	55.5	184.0	152.0
Proseed	1283 VT2P	83	VT2P	72.3	28.7	90.4	10.6	71.7	16.4	58.5	147.7	136.0
Proseed	1083 GT3000	83	3000 GT	75.3	30.7	99.5	9.7	71.9	17.6	56.7	178.5	154.2
Proseed	1384 VT2P	84	VT2P	74.5	30.8	97.5	10.4	71.0	15.9	58.2	158.2	--
Proseed	PX 85 VT2P	85	VT2P	75.5	32.4	99.7	10.1	70.8	18.9	57.6	184.4	164.0
Proseed	1385 VT2P	85	VT2P	75.5	35.0	106.3	9.8	71.5	18.0	57.5	194.0	--
Proseed	1286 VT2P	86	VT2P	75.8	30.8	97.4	9.2	72.5	14.9	57.8	192.8	164.1
Proseed	1288 VIP3111	88	VIP3111	78.3	32.9	98.7	10.4	70.4	16.7	54.9	194.4	--
REA Hybrids	1B820-RIB	82	RR2 Bt	73.8	27.0	97.4	11.1	70.1	16.3	58.2	158.8	--
REA Hybrids	2B830-RIB	83	RR2 Bt	74.5	30.1	101.1	11.1	70.3	15.6	58.4	180.3	160.1
REA Hybrids	2B550-RIB	85	RR2 Bt	74.0	29.6	95.3	10.4	70.9	16.3	57.6	174.6	--
REA Hybrids	2B850-RIB	85	RR2 Bt	74.8	31.8	97.5	10.0	71.9	20.3	57.3	178.5	151.3
REA Hybrids	2B870-RIB	87	RR2 Bt	76.5	33.8	107.9	10.9	70.4	16.5	57.4	191.8	--
REA Hybrids	2A871-RIB	87	RR2 Bt CRW	75.3	27.1	97.6	11.0	68.9	20.6	56.8	176.2	--
MEAN				75.6	31.2	99.3	10.1	71.4	16.8	57.2	176.8	--
C.V. (%)				1.1	10	4.1	3.8	1.0	16.1	1.1	6.9	--
LSD 0.10				1.0	3.5	4.8	0.4	0.9	3.1	0.7	14.2	--
LSD 0.05				1.2	4.1	5.7	0.5	1.0	3.7	0.9	16.9	--

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											2014 ----- bu/ac	2-yr. Avg. -----
REA Hybrids	3B890-RIB	89	RR2 Bt	75.8	30.0	99.3	8.8	73.6	16.4	58.0	198.3	161.7
REA Hybrids	3B330-RIB	90	RR2 Bt	76.3	32.4	100.5	9.8	72.2	17.2	56.3	201.7	--
Renk	RK266VT3P	85	VT3P	76.0	27.7	96.2	9.8	72.0	18.5	58.5	181.3	150.4
Thunder	4377	77	RR	74.3	27.5	94.4	10.4	70.9	13.3	59.3	173.1	138.1
Thunder	4578	78	RR	74.3	31.1	96.9	10.7	71.0	13.4	58.5	160.4	139.4
Thunder	6180	80	VT2P	74.5	29.6	94.7	10.8	69.9	15.4	58.6	151.4	132.8
Thunder	5181	81	RR	74.3	30.4	98.4	11.0	70.1	14.0	59.4	145.0	--
Thunder	6382	82	VT2P	77.5	33.4	100.4	10.2	71.5	13.7	56.9	180.4	151.6
Thunder	4383	83	VT2P	72.8	28.1	91.1	10.6	71.2	18.3	58.3	142.3	124.8
Thunder	4585	85	RR	76.5	34.2	101.5	9.8	71.5	14.9	57.0	199.7	157.7
Wensman Seed	W 80841V2RIB	84	VT2 PRO, RR2	76.5	28.4	96.7	10.0	71.3	16.7	58.2	171.8	--
Wensman Seed	W 8085VT2RIB	84	VT2 PRO, RR2	74.5	31.2	100.8	9.7	71.5	16.8	56.6	171.0	147.7
Wensman Seed	W 80866VT2RIB	86	VT2 PRO, RR2	74.0	28.0	93.8	10.3	71.5	17.8	57.6	162.8	--
Wensman Seed	W 8097VT2RIB	88	VT2 PRO, RR2	75.5	32.9	103.7	10.0	71.3	17.6	57.6	171.3	150.7
Wensman Seed	W 80903VT2RIB	90	VT2 PRO, RR2	77.5	33.4	102.3	9.6	72.3	17.7	57.0	195.3	--
MEAN				75.6	31.2	99.3	10.1	71.4	16.8	57.2	176.8	--
C.V. (%)				1.1	10	4.1	3.8	1.0	16.1	1.1	6.9	--
LSD 0.10				1.0	3.5	4.8	0.4	0.9	3.1	0.7	14.2	--
LSD 0.05				1.2	4.1	5.7	0.5	1.0	3.7	0.9	16.9	--

Planting Date = May 9 ; Harvest Date = October 24 & November 3 (combine breakdown) ; Previous Crop = Spring Wheat

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

** Four (4) replications were utilized to record each of the traits reported.