

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

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

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 -----		
											2018	2-yr. Avg. bu/ac	3-yr. Avg.
Channel	182-09VT2P	82	VT2P	68.0	30.7	90.9	10.9	69.9	15.1	54.7	109.0	--	--
Channel	187-49VT2P	87	VT2P	71.8	30.0	95.2	11.9	69.7	15.8	54.5	77.6	126.9	139.4
Dairyland Seed	DS-6378	78	RR	66.0	23.4	80.7	11.0	69.8	15.5	53.7	92.4	--	--
Dairyland Seed	DS-7781	81	Powercore	69.0	26.2	88.6	10.8	70.7	16.2	54.3	108.2	--	--
Dairyland Seed	DS-9085a	83	3000GT	71.5	27.7	95.1	11.9	69.5	15.5	54.1	104.5	--	--
Dairyland Seed	RPM-2918AM	85	AM	70.8	34.3	90.6	11.4	69.9	16.2	52.5	91.6	--	--
Dairyland Seed	DS-9085	85	Agrisure 3122	70.8	32.4	94.6	10.7	70.8	16.5	55.5	119.0	--	--
Dairyland Seed	EXP-08611	86	AM	70.3	32.1	92.2	11.5	69.9	16.3	53.4	90.3	--	--
Dairyland Seed	DS-9686	86	3000GT	72.3	28.2	93.6	10.8	70.9	16.6	56.1	123.2	152.1	152.5
Dairyland Seed	ESP-08907	89	GTCBLL	73.5	27.6	95.8	11.8	70.4	17.3	55.0	99.0	--	--
Dyna-Gro	D22VC62	82	VT2P	71.5	27.9	92.5	11.5	70.1	16.0	55.7	95.9	--	--
Dyna-Gro	D25VC66	85	VT2P	71.8	29.1	96.9	10.6	71.1	16.6	55.5	107.3	--	--
Dyna-Gro	D27VC47	87	VT2P	71.3	32.5	89.4	10.3	71.2	15.7	54.4	104.0	--	--
Dyna-Gro	D27VC87	87	VT2P	71.5	31.3	94.8	11.1	70.5	16.2	55.9	118.3	--	--
Funk's Frontiersmen	87-E7	87	VT2RIB	70.8	32.5	95.8	11.3	70.2	16.0	55.7	116.6	145.0	--
Funk's Frontiersmen	91-H2	91	VT2RIB	74.0	24.7	91.1	10.4	71.6	17.2	54.7	120.0	--	--
Hefty	H3322	83	VT2P	71.5	27.6	92.5	10.6	70.9	16.1	54.8	111.8	--	--
Hefty	H3922	89	VT2P	73.0	30.0	94.2	11.5	70.2	16.3	54.7	104.9	--	--
Hefty	Exp9022	90	VT2P	72.8	25.1	95.7	11.1	70.8	15.6	54.5	103.4	--	--
Innotech	IC 4016-3120	90	Agrisure	74.8	26.5	99.5	12.0	70.6	18.7	53.9	97.7	--	--
MEAN				71.4	28.6	93.3	11.1	70.4	16.3	54.8	105.0	--	--
C.V. (%)				1.8	16.2	4.5	6.3	1.0	5.9	1.3	11.5	--	--
LSD 0.10				1.5	5.4	4.9	0.8	0.80	1.1	0.8	14.0	--	--
LSD 0.05				1.8	NS	5.9	1.0	1.00	1.3	1.0	16.7	--	--

Planting Date = May 3 ; Harvest Date = October 16 ; Previous Crop = Spring Wheat

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											2018	2-yr. Avg. bu/ac	3-yr. Avg.
Integra	3282	82	VT2P	71.0	26.1	95.5	11.6	70.0	16.2	55.6	98.2	--	--
Integra	3325	83	AV-3110A	73.3	23.8	88.6	11.4	70.3	16.8	53.1	98.0	133.8	136.2
Integra	3537	85	VT2PRIB	72.0	31.5	95.3	10.8	70.8	16.8	55.3	126.5	139.9	142.6
Integra	3629	86	VT2PRIB	72.0	28.4	95.9	11.6	69.9	16.4	55.1	111.5	--	--
Integra	3718	87	VT2PRIB	72.5	29.2	96.7	10.9	71.0	17.9	55.1	107.4	140.4	--
Legacy Seeds	L-2817	86	VT2P	71.8	30.1	98.6	11.4	69.9	15.9	55.8	114.4	147.2	--
Legacy Seeds	L-2847	87	VT2P	72.3	31.6	99.5	11.6	70.2	16.7	54.8	106.6	142.3	--
Legacy Seeds	L-2916	88	VT2P	70.3	28.6	93.1	11.5	70.2	16.4	53.5	105.1	139.0	139.6
Legacy Seeds	L-3017	90	VT2P	74.0	28.8	95.5	11.6	70.0	16.9	54.2	106.3	145.9	--
Legacy Seeds	L-3117	91	VT2P	73.0	26.5	90.7	10.8	71.2	17.2	54.9	102.3	--	--
Northstar	NS 84-351	84	3220A EZ	72.8	24.8	91.0	11.1	70.6	16.7	55.1	109.6	--	--
Northstar	NS 85-369	85	GTA	73.0	28.3	95.1	11.1	70.5	16.2	55.7	114.7	151.8	--
Northstar	NS 86-194	86	VT2PRIB	71.5	30.5	91.1	10.9	70.8	16.4	55.0	90.9	128.6	132.8
Northstar	NS 87-545	87	VT2PRIB	71.5	28.7	97.8	11.4	70.1	15.7	55.3	100.5	140.1	--
Northstar	NS 88-124	88	VT2PRIB	72.8	33.5	100.8	10.7	71.1	17.1	54.9	123.8	149.8	--
Northstar	NS 89-357	89	3120 EZ	74.3	28.8	100.7	12.2	70.3	18.1	53.6	99.6	--	--
Peterson Farms Seed	71V81	81		68.0	28.3	90.9	10.1	71.1	16.4	54.8	112.3	--	--
Peterson Farms Seed	76Q86	86		72.8	26.9	91.0	11.1	70.5	16.6	53.1	107.8	--	--
MEAN				71.4	28.6	93.3	11.1	70.4	16.3	54.8	105.0	--	--
C.V. (%)				1.8	16.2	4.5	6.3	1.0	5.9	1.3	11.5	--	--
LSD 0.10				1.5	5.4	4.9	0.8	0.80	1.1	0.8	14.0	--	--
LSD 0.05				1.8	NS	5.9	1.0	1.00	1.3	1.0	16.7	--	--

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											2018	2-yr. Avg. bu/ac	3-yr. Avg.
Proseed	1283	83	VT2P	67.8	24.4	82.0	11.0	69.8	14.8	56.2	97.6	--	--
Proseed	1483	83	VT2P	69.8	31.4	92.1	11.3	69.8	15.3	54.5	111.6	143.1	134.5
Proseed	1385	85	VT2P	71.0	31.3	97.1	10.4	70.9	16.5	55.9	117.3	146.4	145.8
Proseed	1787	87	VT2P	71.3	30.9	97.3	11.0	70.6	16.2	55.5	113.2	--	--
Proseed	1689	89	VT2P	70.8	30.9	94.0	10.7	70.9	16.5	54.5	133.6	--	--
REA	1B780	79	VT2P	69.0	25.7	89.8	10.8	70.1	16.0	54.0	109.1	--	--
REA	1B811	81	VT2P	70.3	28.1	88.7	11.6	69.9	15.9	55.7	78.2	111.9	--
REA	2B861	86	VT2P	71.3	24.1	89.7	11.2	70.4	16.4	54.7	99.1	132.8	--
REA	2B872	87	VT2P	71.0	25.1	89.5	10.8	70.7	16.0	55.2	104.1	--	--
Rob-See-Co	RC3418-3220A	84	Agrisure Viptera 3220	72.5	23.7	92.1	11.2	70.4	16.4	55.1	128.9	145.0	--
Rob-See-Co	RC3601-3011A	86	Agrisure Viptera 3011	72.3	28.5	91.3	11.6	69.9	15.5	55.7	91.9	134.1	138.8
Thunder	6983	83	VT2P	71.3	28.7	88.0	10.8	70.8	16.6	54.8	96.2	--	--
Thunder	6785	85	VT2P	71.5	28.6	89.7	11.1	70.3	16.3	54.7	86.2	115.4	120.4
Thunder	4585	85	RR2	71.3	28.1	95.9	10.9	70.6	16.4	54.8	103.3	138.8	137.0
Thunder	6986	86	VT2P	71.0	30.8	89.5	11.8	70.0	16.4	54.1	87.7	--	--
Thunder	6987	87	VT2P	70.0	27.7	94.3	11.3	70.0	15.0	55.8	88.5	--	--
Thunder	6888	88	VT2P	71.3	33.9	98.4	11.0	70.8	17.3	55.0	122.8	--	--
Thunder	6789	89	VT2P	70.3	26.5	93.7	10.5	71.0	16.1	54.7	130.6	--	--
MEAN				71.4	28.6	93.3	11.1	70.4	16.3	54.8	105.0	--	--
C.V. (%)				1.8	16.2	4.5	6.3	1.0	5.9	1.3	11.5	--	--
LSD 0.10				1.5	5.4	4.9	0.8	0.80	1.1	0.8	14.0	--	--
LSD 0.05				1.8	NS	5.9	1.0	1.00	1.3	1.0	16.7	--	--

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

* Plant lodging scores were not collected as lodging minimally existed.