

**NDSU Carrington Research Extension Center
2017 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	Plant Lodge 0 to 9	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----		
												2017	2-yr. Avg.	3-yr. Avg.
												----- bu/ac -----		
Channel	181-11	81	VT2PRIB	79.3	29.0	88.8	0.0	8.3	72.0	17.4	56.6	170.1	--	--
Channel	182-62	82	VT2PRIB	79.5	30.3	96.0	0.0	9.0	71.7	18.7	56.4	153.7	133.5	131.6
Channel	185-15	85	VT2PRIB	81.8	29.9	93.0	0.0	8.2	72.3	20.4	56.0	175.5	159.9	157.4
Channel	187-49	87	VT2PRIB	80.8	29.4	95.8	0.0	8.4	71.9	19.9	54.5	176.1	170.3	--
Channel	189-29	89	VT2PRIB	80.5	28.7	95.5	0.0	9.7	71.2	21.2	55.0	165.5	--	--
Dairyland Seed Co.	DS-7185	85	3220	80.5	28.2	90.8	0.0	8.8	71.8	19.4	54.6	156.1		--
Dairyland Seed Co.	DS-9686	86	3000GT	79.8	29.7	95.0	0.0	8.6	72.1	20.4	56.6	181.1	167.1	--
Dairyland Seed Co.	EXP-08906	89	3010	80.8	28.1	92.5	0.0	8.7	72.4	18.9	54.0	161.4	--	--
Frontiersmen	087-E7VT2P	87	VT2PRO RIB	80.5	28.1	99.0	0.0	8.5	72.3	20.9	54.4	173.3	--	--
Frontiersmen	090-H8VT2P	90	VT2PRO RIB	81.0	30.8	94.7	0.0	10.0	71.3	25.0	53.5	179.6	--	--
Frontiersmen	091-C6VT2P	91	VT2PRO RIB	82.3	29.4	94.4	0.0	9.5	72.1	24.7	51.2	168.8	166.4	--
Hefty	H2802	78	RR	79.8	26.4	93.3	0.0	8.3	72.2	17.5	56.9	146.0	--	--
Hefty	H3202	82	RR	81.0	29.6	90.7	0.0	8.8	71.6	19.0	55.9	137.1	--	--
Hefty	H3302	83	RR	80.5	29.7	93.7	0.3	8.6	71.9	18.8	54.9	169.1	--	--
Hefty	H3502	85	RR	80.0	25.8	91.9	0.0	8.3	71.9	19.3	55.2	150.4	--	--
Hefty	H3702	87	RR	79.8	28.3	99.8	0.0	9.1	72.0	21.1	54.4	174.7	--	--
Hefty	H3902	89	RR	79.8	30.3	97.5	0.0	9.1	71.7	20.8	54.6	169.4	--	--
Integra	3142	81	VT2PRIB	79.8	28.4	94.4	0.0	9.3	71.3	18.8	57.0	154.2	129.6	128.1
Integra	3236	82	VT2PRIB	80.8	30.3	91.4	0.0	9.4	71.6	19.3	55.8	138.5	134.9	--
Integra	3325	83	3010A	81.0	24.0	87.9	2.0	9.2	71.4	19.6	55.3	169.5	155.3	--
Integra	3537	85	VT2PRIB	80.0	31.1	95.0	0.0	8.4	72.0	19.8	55.5	153.2	150.6	150.8
Integra	3718	87	VT2PRO	80.3	28.0	96.2	0.0	9.4	71.8	23.4	53.9	173.4	--	--
Latham	LH3487	84	VT2P	80.5	30.3	90.7	0.0	8.8	71.7	19.6	55.5	148.1	--	--
MEAN				80.3	29.5	94.5	0.1	8.8	71.9	20.4	55.2	165.9	--	--
C.V. (%)				1.5	14.4	4.7	365	7.5	0.7	6.3	1.8	8.1	--	--
LSD 0.10				1.4	4.9	5.1	0.4	0.8	NS	1.5	1.2	15.7	--	--
LSD 0.05				1.6	5.9	6.1	0.5	NS	NS	1.8	1.4	18.7	--	--

Planting Date = May 3 ; Harvest Date = October 17 ; Previous Crop = Barley ; Final plant population = 28,000 plant acre⁻¹

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Brand	Hybrid	R.M.	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Plant Lodge 0 to 9	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----		
												2017	2-yr. Avg. bu/ac	3-yr. Avg.
Latham	LH3612	86	GTA	79.8	32.0	94.8	0.0	8.6	72.2	20.1	55.7	180.3	--	--
Latham	LH3695	86	VT2P	81.5	31.4	98.6	0.0	9.6	71.8	22.2	54.1	161.4	--	--
Latham	LH3877	88	VT2P	80.5	35.7	93.0	0.0	8.4	72.0	21.2	56.4	182.7	169.7	--
Latham	LH4147		VT2P	81.3	33.4	98.2	0.0	9.5	71.3	22.8	52.9	174.5	--	--
Legacy Seeds	L-2643	86	VT2P	79.8	31.4	100.5	0.0	8.3	72.5	20.1	54.5	156.2	145.2	145.1
Legacy Seeds	L-2817	86	VT2P	81.5	29.7	99.9	0.0	8.8	71.6	20.6	55.3	179.9	--	--
Legacy Seeds	L-2847	87	VT2P	81.3	32.5	98.5	0.0	9.4	72.1	22.6	53.6	178.0	--	--
Legacy Seeds	L-2836	88	3010 (GTCBLL)	80.0	28.9	96.6	0.0	8.4	72.4	20.2	55.2	149.9	--	--
Legacy Seeds	L-2916	88	VT2P	79.3	30.5	96.0	0.0	8.7	72.0	21.3	54.7	172.8	156.8	--
Legacy Seeds	L-3017	90	VT2P	80.5	35.9	97.7	0.0	9.6	71.7	26.5	53.0	185.6	--	--
Legacy Seeds	L-3115	92	VT2P	82.0	30.3	95.6	0.0	9.1	71.9	23.0	53.5	179.9	--	--
Mustang	3287VT2P	87	RR	79.5	29.2	96.7	0.3	8.8	71.7	20.1	55.3	180.2	--	--
Mustang	2289VT2P	89	RR	78.8	25.5	91.5	0.0	8.8	72.0	20.3	54.2	161.5	--	--
Mustang	2290VT2P	90	RR	81.5	33.8	98.7	0.0	9.3	72.1	21.9	54.0	174.8	--	--
Northstar	NS 83-538	83	VT2P	79.8	28.1	99.9	0.0	8.6	71.7	19.1	56.1	145.5	--	--
Northstar	NS 84-350	84	3110A	81.3	25.5	87.1	1.8	8.6	71.8	19.3	56.7	168.0	--	--
Northstar	NS 85-369	85	GTA	79.8	29.3	95.7	0.0	8.8	72.0	21.2	56.0	188.9	--	--
Northstar	NS 86-194	86	VT2P	80.3	29.1	95.8	0.0	8.9	71.9	20.0	55.6	166.3	153.7	--
Northstar	NS 87-545	87	VT2P	81.3	33.0	101.8	0.0	8.7	72.1	21.6	54.2	179.7	--	--
Northstar	NS 88-124	88	VT2P	81.0	25.5	94.2	0.0	8.8	71.9	21.5	54.1	175.7	--	--
Nutech	5N-183	83	3000GT	80.3	31.7	95.3	0.8	8.7	71.9	19.7	55.2	178.5	161.8	157.9
Nutech	5GN8484	84	3110	80.8	26.2	85.4	0.5	8.7	71.7	19.4	56.6	164.6	--	--
Nutech	5N-886	88	3000GT	79.3	29.8	91.6	0.0	8.6	72.0	19.2	56.9	173.5	165.5	--
MEAN				80.3	29.5	94.5	0.1	8.8	71.9	20.4	55.2	165.9	--	--
C.V. (%)				1.5	14.4	4.7	365	7.5	0.7	6.3	1.8	8.1	--	--
LSD 0.10				1.4	4.9	5.1	0.4	0.8	NS	1.5	1.2	15.7	--	--
LSD 0.05				1.6	5.9	6.1	0.5	NS	NS	1.8	1.4	18.7	--	--

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												2017	2-yr. Avg.	3-yr. Avg.
												----- bu/ac -----		
Nutech	X5BN8905	89	3000GT	80.5	27.6	94.1	0.3	8.1	72.5	18.9	53.7	174.0	--	--
Peterson Farms Seed	71D83	81	VT2P	79.0	28.5	89.5	0.0	8.6	71.7	19.5	56.0	146.6	128.0	130.3
Peterson Farms Seed	79M93	83	VT2P	80.3	31.5	94.8	0.0	8.8	72.0	20.2	55.9	129.1	--	--
Peterson Farms Seed	75K85	85	VT2P	80.5	28.2	92.2	0.0	8.8	72.0	20.8	55.6	156.3	--	--
Proseed	1383	83	GT	80.0	22.9	95.4	0.0	8.9	71.9	18.4	54.8	153.0	--	--
Proseed	1483	83	VT2P	79.8	31.8	93.7	0.0	9.1	71.1	18.9	55.7	174.5	145.9	142.9
Proseed	1385	85	VT2P	81.5	31.0	100.9	0.0	9.1	71.4	21.7	56.1	175.5	160.0	160.2
Proseed	1487	87	VT2P	79.8	32.0	90.9	0.0	8.9	71.8	19.8	56.1	161.0	153.1	--
Proseed	PX689	89	VT2P	79.8	29.9	97.7	0.0	9.3	71.8	21.2	54.2	178.4	--	--
REA	1B811	81	VT2PRO	79.5	28.0	92.6	0.0	8.7	71.7	18.4	56.4	145.6	--	--
REA	2B840-RIB	84	VT2PRO	79.5	28.4	89.7	0.0	9.0	71.9	19.3	54.4	158.6	149.8	143.7
REA	2B861	86	VT2PRO	81.3	32.5	91.6	0.0	8.3	72.3	20.9	54.5	166.4	--	--
Rob-See-Co	RC3418-3220A	84	Agrisure/Vip/32	81.5	25.0	90.2	0.8	8.6	72.1	19.4	55.4	161.1	--	--
Rob-See-Co	RC3601-3011A	86	Agrisure/Vip/30	80.0	30.7	95.4	0.0	8.8	71.9	19.5	56.1	176.3	162.2	167.6
Rob-See-Co	RC3834-3010	88	Agrisure/3010	79.5	30.5	95.2	0.0	9.0	71.7	19.6	55.7	176.7	161.4	--
Thunder Seed	6882 VT2P	82	VT2P	80.0	29.3	93.9	0.0	9.0	71.5	20.2	57.7	153.2	--	--
Thunder Seed	4585 RR	85	RR	79.5	34.4	96.7	0.0	8.7	72.0	20.4	55.3	174.3	153.9	151.7
Thunder Seed	6785 VT2P	85	VT2P	79.0	27.9	92.9	0.0	8.8	71.6	18.8	55.3	144.7	137.6	--
MEAN				80.3	29.5	94.5	0.1	8.8	71.9	20.4	55.2	165.9	--	--
C.V. (%)				1.5	14.4	4.7	365	7.5	0.7	6.3	1.8	8.1	--	--
LSD 0.10				1.4	4.9	5.1	0.4	0.8	NS	1.5	1.2	15.7	--	--
LSD 0.05				1.6	5.9	6.1	0.5	NS	NS	1.8	1.4	18.7	--	--

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

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