

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

Corn - Irrigated **Carrington (Page 1 of 2)**

Brand	Hybrid	R.M.	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Stalk Lodge 0 to 9	Grain Protein %	Starch Content %	Moistur e %	Test Weight lb/bu	----- Grain Yield -----		
												2018	2-yr. Avg. bu/ac	3-yr. Avg.
Dairyland Seed	DS-6378	78	RR	67.0	28.5	83.3	0.0	8.5	73.0	19.7	53.7	165.9	--	--
Dairyland Seed	DS-7781	81	Powercore	67.0	32.7	89.2	0.5	9.0	72.6	19.0	54.3	199.0	--	--
Dairyland Seed	EXP-08407	84	3010	69.5	31.7	94.8	0.3	9.2	72.8	19.3	54.7	215.3	--	--
Dairyland Seed	RPM-2918AM	85	AM	69.3	36.0	98.6	0.5	8.7	73.2	20.4	52.8	237.7	--	--
Dairyland Seed	DS-9085	85	Agrisure 3122	69.3	35.4	103.4	0.3	8.9	73.3	20.3	54.7	243.3	--	--
Dairyland Seed	EXP-08611	86	AM	69.5	33.7	96.1	0.3	8.8	73.0	19.6	52.9	237.8	--	--
Dairyland Seed	DS-9686a	86	3000GT	69.5	37.6	100.5	0.3	8.8	73.4	20.3	54.1	256.6	--	--
Dairyland Seed	ESP-08907	89	GTCBLL	71.3	36.2	102.5	0.3	9.3	73.6	21.0	53.2	241.0	--	--
Dyna-Gro	D27VC47	87	VT2P	69.8	37.2	94.4	0.0	8.0	74.3	20.0	54.2	233.2	--	--
Dyna-Gro	D27VC87	87	VT2P	69.0	32.8	103.8	0.0	8.7	72.9	19.0	54.8	247.5	--	--
Innotech	IC 4016-3120	90	Agrisure 3120	72.0	36.6	104.7	0.0	10.0	72.7	21.1	52.6	253.0	--	--
Integra	3537	85	VT2PRIB	70.8	36.4	101.2	0.0	8.2	73.8	20.2	54.1	259.9	232.9	208.1
Integra	3718	87	VT2PRIB	70.7	35.2	104.6	0.0	8.5	73.2	20.0	53.3	269.3	252.9	--
Legacy Seeds	L-2817	86	VT2P	70.0	32.9	103.0	0.3	8.5	73.4	19.4	54.4	236.3	234.6	--
Legacy Seeds	L-2847	87	VT2P	70.3	35.0	102.6	0.3	8.7	73.0	20.2	53.3	266.1	243.2	--
Legacy Seeds	L-2916	88	VT2P	69.5	31.3	97.0	0.0	8.4	73.4	19.4	54.2	229.9	226.0	205.2
Legacy Seeds	L-3017	90	VT2P	71.3	34.3	100.3	0.0	9.4	72.4	20.0	53.4	269.1	258.6	--
Legacy Seeds	L-3117	91	VT2P	71.3	32.9	96.1	0.0	8.9	73.0	20.3	53.0	249.2	--	--
Peterson Farms Seed	71V81	81		68.0	30.1	85.7	0.5	8.4	73.2	18.9	55.0	242.4	--	--
Peterson Farms Seed	71D83	83		67.0	27.8	89.8	0.0	9.3	72.2	19.1	55.5	197.8	193.8	170.6
Peterson Farms Seed	75K85	85		69.5	36.2	101.2	0.3	8.4	73.4	20.0	54.3	260.1	234.6	--
Peterson Farms Seed	76Q86	86		70.0	32.5	94.9	0.3	8.6	73.3	19.1	53.3	246.2	--	--
MEAN				69.6	33.8	98.5	0.2	8.7	73.2	19.8	54.0	239.0	--	--
C.V. (%)				0.9	7.8	3.4	239	4.4	0.6	3.5	1.5	7.5	--	--
LSD 0.10				0.8	3.1	4.0	NS	0.4	0.5	0.8	1.0	21.1	--	--
LSD 0.05				0.9	3.7	4.7	NS	0.5	0.6	1.0	1.2	25.2	--	--

Planting Date = May 7 ; Harvest Date = November 20 ; Previous Crop = Faba Bean

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Brand	Hybrid	R.M.	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Stalk Lodge 0 to 9	Grain Protein %	Starch Content %	Harvest		----- Grain Yield -----		
										Moisture %	Test Weight lb/bu	2018	2-yr. Avg. bu/ac	3-yr. Avg.
Proseed	1283	83	VT2P	67.0	31.9	89.8	0.3	8.9	72.5	18.8	55.9	180.4	--	--
Proseed	1483	83	VT2P	68.5	34.6	97.2	0.3	8.8	73.1	19.6	54.7	208.5	213.2	183.2
Proseed	1385	85	VT2P	69.8	37.2	107.3	0.3	8.8	73.0	19.2	55.0	225.7	219.2	195.4
Proseed	1787	87	VT2P	69.8	31.9	102.0	0.3	8.4	73.7	20.2	53.7	233.8	--	--
Proseed	1689	89	VT2P	69.8	33.9	99.8	0.0	8.4	73.4	19.5	53.9	229.0	--	--
REA	2B861	86	VT2P	69.8	35.0	99.0	0.3	8.4	73.7	20.6	53.3	245.8	227.9	--
REA	2B872	87	VT2P	69.8	35.6	97.0	0.3	8.3	73.2	19.5	54.9	257.3	--	--
REA	3B891	89	VT2P	70.8	31.5	97.9	0.3	8.1	73.6	19.9	53.7	277.4	--	--
Rob-See-Co	RC3418-3220A	84	Agrisure Viptera 3220A	71.0	27.4	96.5	0.3	9.3	72.6	19.4	54.8	232.4	217.0	--
Rob-See-Co	RC3601-3011A	86	Agrisure Viptera 3011A	70.5	34.6	100.9	0.0	8.8	73.7	20.9	54.2	253.8	246.2	217.8
Thunder	6785	85	VT2P	69.3	34.4	99.1	0.3	9.0	72.9	19.6	54.7	237.8	--	--
Thunder	4585	85	RR2	69.8	37.2	101.7	0.0	8.3	73.6	19.5	54.7	258.1	--	--
Thunder	6986	86	VT2P	70.3	33.5	97.2	0.0	8.5	73.5	20.5	52.8	234.8	--	--
Thunder	6987	87	VT2P	69.8	30.9	103.1	0.3	8.6	73.4	19.7	54.2	236.1	--	--
Thunder	6888	88	VT2P	70.5	33.9	103.6	0.0	9.1	73.0	19.8	53.0	262.6	--	--
Thunder	6789	89	VT2P	69.8	34.4	103.6	0.0	8.1	73.9	20.4	53.2	257.7	--	--
MEAN				69.6	33.8	98.5	0.2	8.7	73.2	19.8	54.0	239.0	--	--
C.V. (%)				0.9	7.8	3.4	239	4.4	0.6	3.5	1.5	7.5	--	--
LSD 0.10				0.8	3.1	4.0	NS	0.4	0.5	0.8	1.0	21.1	--	--
LSD 0.05				0.9	3.7	4.7	NS	0.5	0.6	1.0	1.2	25.2	--	--

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