

**NDSU Carrington Research Extension Center
2017 Variety Trial Data**

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

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 Moisture %	Test Weight lb/bu	----- Grain Yield -----		
												2017	2-yr. Avg. bu/ac	3-yr. Avg.
Dairyland Seed Co.	DS-7185	85	3220	79.3	25.7	96.5	0.5	9.7	71.7	17.1	55.7	201.5	--	--
Dairyland Seed Co.	DS-9686	86	3000GT	78.8	28.4	97.1	0.0	9.2	72.2	17.2	56.6	231.0	197.3	--
Dairyland Seed Co.	EXP-08906	89	3010	78.8	31.8	101.7	0.0	9.8	71.9	16.7	56.5	220.4	--	--
Dairyland Seed Co.	DS-9090SSX	90	SSX	80.0	30.2	96.9	0.0	8.7	72.7	18.0	55.9	208.1	--	--
Dairyland Seed Co.	DS-6091	91	RR	79.0	29.5	101.1	0.0	8.6	73.2	17.9	58.2	228.8	--	--
Innotech	IC4016-3010	90	Agrisure/3010	79.3	31.7	100.5	0.0	9.6	72.2	17.3	57.1	229.3	--	--
Integra	3537	85	VT2PRIB	78.8	28.3	101.8	0.0	8.6	72.5	16.9	57.2	205.9	182.2	174.1
Integra	3718	87	VT2PRO	79.0	31.6	105.3	0.0	9.0	72.4	17.9	56.9	236.5	--	--
Integra	3922	89	VT2PRIB	78.8	33.4	104.0	0.0	8.4	72.7	17.3	56.9	219.4	193.7	--
Latham	LH3487	84	VT2P	78.3	33.9	103.5	1.0	9.0	72.1	16.5	55.4	199.7	--	--
Latham	LH3612	86	GTA	79.0	36.4	105.8	0.3	9.2	72.1	17.2	56.9	229.9	--	--
Latham	LH3695	86	VT2P	79.5	30.8	99.7	0.0	8.8	72.2	16.7	56.8	226.0	--	--
Latham	LH3877	88	VT2P	78.8	32.4	106.6	0.3	8.6	72.4	17.1	56.4	220.1	190.7	--
Latham	LH4147	91	VT2P	80.8	36.9	101.8	0.0	9.2	72.1	18.1	55.4	231.6	198.7	187.2
Legacy Seeds	L-2643	86	VT2P	78.5	30.7	104.4	0.0	8.8	72.4	16.8	57.1	210.0	186.9	178.8
Legacy Seeds	L-2817	86	VT2P	79.3	25.2	104.1	0.0	8.7	72.1	16.4	56.3	232.9	--	--
Legacy Seeds	L-2847	87	VT2P	79.3	32.5	104.7	0.0	9.1	72.1	17.3	56.9	220.4	--	--
Legacy Seeds	L-2836	88	3010 (GTCBLL)	78.8	33.4	104.7	0.0	9.3	72.3	17.0	55.5	226.1	--	--
Legacy Seeds	L-2916	88	VT2P	78.5	30.0	101.7	0.5	9.1	72.4	17.2	55.4	222.1	192.8	--
Legacy Seeds	L-3017	90	VT2P	79.3	32.7	102.4	0.0	9.7	71.7	18.4	56.2	248.2	--	--
Legacy Seeds	L-3115	92	VT2P	80.8	34.7	107.0	0.0	8.9	72.1	17.4	55.7	236.4	--	--
MEAN				79.1	31.3	102.1	0.1	9.0	72.2	17.2	56.6	217.5	--	--
C.V. (%)				0.8	15	4.8	231	4.1	0.5	2.9	1.6	7.9	--	--
LSD 0.10				0.8	5.5	5.7	0.37	0.4	0.4	0.6	1.0	20.0	--	--
LSD 0.05				0.9	NS	6.8	0.44	0.5	0.5	0.7	1.2	23.9	--	--

Planting Date = May 4 ; Harvest Date = November 14 ; Previous Crop = Soybean

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												2017	2-yr. Avg. bu/ac	3-yr. Avg. bu/ac
Nutech	5GN8484	84	3110	79.3	28.8	94.5	1.3	9.3	72.0	17.0	56.3	200.4	--	--
Nutech	5N-886	88	3000GT	78.5	32.2	105.5	0.0	9.2	72.3	18.1	57.3	218.0	187.1	--
Nutech	X5BN8905	89	3000GT	79.0	30.4	98.5	0.0	9.3	72.5	17.9	56.9	248.6	--	--
Nutech	5G-293	93	3110	80.3	36.8	110.2	0.0	10.1	72.0	18.2	57.4	233.2	--	--
Peterson Farms Seed	71D83	81	VT2P	79.0	29.5	99.2	0.0	9.2	71.8	16.9	58.2	189.8	156.9	150.5
Peterson Farms Seed	79M93	83	VT2P	78.8	29.5	104.4	0.0	9.3	72.0	17.0	57.0	185.2	--	--
Peterson Farms Seed	75K85	85	VT2P	78.5	33.8	102.8	0.0	8.5	72.5	16.7	56.9	209.2	--	--
Proseed	1383	83	GT	79.0	29.4	105.2	0.0	9.4	71.6	16.1	55.8	183.8	--	--
Proseed	1483	83	VT2P	78.8	29.8	98.5	0.3	8.9	72.1	16.7	55.7	217.9	170.5	157.3
Proseed	1385	85	VT2P	79.0	31.8	109.0	0.0	8.8	72.3	17.2	57.1	212.7	180.2	--
Proseed	1487	87	VT2P	78.5	30.7	101.1	0.3	8.7	72.4	16.7	56.7	210.3	186.3	--
Proseed	PX689	89	VT2P	78.5	30.9	100.8	0.0	8.7	72.3	17.3	56.8	208.8	--	--
REA	1B811	81	VT2PRO	78.8	29.2	96.0	0.3	9.3	71.8	15.9	56.2	189.9	--	--
REA	2B840-RIB	84	VT2PRO	78.5	27.2	101.0	1.0	8.7	72.4	16.7	56.0	197.0	171.0	--
REA	2B861	86	VT2PRO	78.5	32.1	101.6	0.0	8.7	72.4	17.0	56.6	210.1	--	--
Renk	RK270RR	85	RR2	78.8	39.1	103.1	0.0	8.7	73.1	17.7	58.9	216.0	--	--
Renk	RK264VT2P	85	VT2P	78.8	29.6	100.8	0.0	8.5	72.7	17.0	57.6	223.3	--	--
Renk	RK287VT2P	87	VT2P	79.5	32.4	109.5	0.0	9.2	71.9	17.3	56.9	223.2	--	--
Renk	RK299VT2P	88	VT2P	79.0	29.6	101.2	0.0	8.8	72.1	16.9	57.1	219.5	--	--
Renk	RK408RR	90	VT2P	80.0	31.1	100.2	0.5	9.1	72.0	17.3	56.6	236.3	--	--
Rob-See-Co	RC3418-3220A	84	Agrisure/Vip/3220A	80.5	28.8	93.8	0.0	9.5	72.0	16.8	56.0	201.6	--	--
MEAN				79.1	31.3	102.1	0.1	9.0	72.2	17.2	56.6	217.5	--	--
C.V. (%)				0.8	15	4.8	231	4.1	0.5	2.9	1.6	7.9	--	--
LSD 0.10				0.8	5.5	5.7	0.37	0.4	0.4	0.6	1.0	20.0	--	--
LSD 0.05				0.9	NS	6.8	0.44	0.5	0.5	0.7	1.2	23.9	--	--

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												2017	2-yr. Avg.	3-yr. Avg.
Rob-See-Co	RC3601-3011A	86	Agrisure/Vip/3011A	79.0	32.2	101.8	0.0	9.3	72.3	17.8	56.9	238.5	199.8	188.0
Rob-See-Co	RC3834-3010	88	Agrisure/3010	79.0	30.4	102.1	0.0	9.4	72.2	17.5	55.9	221.6	175.3	--
	MEAN			79.1	31.3	102.1	0.1	9.0	72.2	17.2	56.6	217.5	--	--
	C.V. (%)			0.8	15	4.8	231	4.1	0.5	2.9	1.6	7.9	--	--
	LSD 0.10			0.8	5.5	5.7	0.37	0.4	0.4	0.6	1.0	20.0	--	--
	LSD 0.05			0.9	NS	6.8	0.44	0.5	0.5	0.7	1.2	23.9	--	--

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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.