

**NDSU Carrington Research Extension Center
2016 Variety Trial Data**

Corn - Irrigated

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Brand	Hybrid	R.M.	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Up. Stalk Break ² 0 to 10	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----		
												2016	2-yr. Avg.	3-yr. Avg.
												-----	bu/ac	-----
<i>** Please Note: Trial was impacted by significant hail storm on July 9.</i>														
Dairyland Seed	EXP-08404	84	GTCBLL	79.8	42.5	84.2	6.5	8.2	73.5	15.9	56.4	149.7	--	--
Dairyland Seed	DS-9686	86	300GT	78.0	43.3	92.7	0.3	8.5	73.6	18.8	56.8	163.5	--	--
Dairyland Seed	DS-9487SSX	87	SSX	79.3	40.2	85.1	1.3	8.6	73.7	19.0	54.4	119.2	--	--
Innotech	IC4173-3110A	91	Agrisure Vipter	78.5	46.3	90.6	1.3	9.0	74.4	20.4	56.5	142.9	--	--
Integra	3236	82	VT2PRIB	79.0	44.8	94.1	1.5	8.4	73.1	17.1	57.3	155.7	--	--
Integra	3325	83	GT/CB/LL	79.5	42.1	87.2	7.5	8.1	73.5	16.1	56.1	146.9	--	--
Integra	3537	85	VT2PRIB	79.0	46.1	92.0	0.3	8.6	73.3	18.0	57.0	158.4	158.1	164.3
Integra	3922	89	VT2PRO	78.3	45.5	92.2	0.8	8.4	73.2	17.6	55.9	168.1	--	--
Latham	LH3547	85	VT2Pro	78.5	40.0	88.1	1.5	8.2	73.6	17.4	56.9	151.5	--	--
Latham	LH3614	86	3011A	77.8	47.1	92.3	0.3	8.1	74.3	18.4	56.9	145.3	--	--
Latham	LH3877	88	VT2Pro	79.3	44.7	86.2	1.0	8.2	73.2	17.7	56.6	161.3	--	--
Latham	LH4097	90	VT2Pro	79.3	46.9	91.2	1.0	8.1	74.1	17.7	56.6	152.2	149.0	--
Latham	LH4147	91	VT2Pro	81.8	47.7	90.3	0.5	8.7	73.7	18.3	55.5	165.7	165.0	--
Legacy Seeds	L-2245	82	VT2PRO	78.8	42.5	88.7	2.8	8.6	73.1	16.6	57.7	139.8	--	--
Legacy Seeds	L-2314	83	VT2PRO	79.0	42.3	88.4	3.0	8.8	73.8	16.7	57.0	143.2	150.5	158.8
Legacy Seeds	L-2516	85	VT2PRO	78.8	45.0	88.8	1.8	8.7	73.6	16.7	57.2	146.0	--	--
Legacy Seeds	L-2643	86	VT2PRO	78.8	45.3	90.6	0.3	8.5	73.8	17.7	56.7	163.7	163.2	162.8
Legacy Seeds	L-2916	88	VT2PRO	78.8	42.3	92.4	0.5	8.4	73.4	17.7	55.4	163.5	--	--
Legacy Seeds	L-2924	89	VT2PRO	78.5	48.2	99.9	0.3	8.8	73.3	17.8	56.5	164.2	157.7	--
NuTech	5N-183	83	3000GT	78.0	46.6	95.5	1.3	8.5	73.7	17.4	56.4	139.6	138.0	--
NuTech	5N-886	86	3000GT	78.8	43.9	90.7	0.3	8.5	74.0	18.5	56.9	156.1	--	--
NuTech	X5B-8801	88	GT/CB/LL	78.0	44.1	90.7	1.0	8.7	73.8	17.4	56.2	154.8	--	--
NuTech	5B-293	93	GT/CB/LL	81.3	53.5	95.5	0.5	9.1	73.8	19.8	56.7	172.0	--	--
NuTech/G2 Genetics	5F-091	91	Optimum AcreM	78.5	43.8	89.0	0.5	8.7	72.8	18.1	55.0	152.6	--	--
PFS	PFS71D83	83	VT2PRO	78.0	39.6	85.6	3.3	8.7	73.9	17.2	57.7	124.1	130.8	138.6
PFS	PFS79M83	83	VT2PRO	78.8	44.1	92.1	1.5	8.5	73.6	16.7	57.4	149.8	--	--
MEAN				78.7	44.4	90.0	1.6	8.5	73.6	17.7	56.7	150.5	--	--
C.V. (%)				0.8	7	3.9	74.8	3.6	0.8	3.4	0.9	8.2	--	--
LSD 0.10				0.8	3.5	4.1	1.4	0.35	0.7	0.7	0.6	14.4	--	--
LSD 0.05				0.9	4.2	4.9	1.7	0.42	0.9	0.8	0.7	17.1	--	--

Planting Date = May 2 ; Harvest Date = October 19 ; Previous Crop = Dry Bean

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Brand	Hybrid	R.M.	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Up. Stalk Break ² 0 to 10	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----		
												2016	2-yr. Avg. bu/ac	3-yr. Avg. bu/ac
Proseed	1083	83	3000 GT	78.5	44.7	92.1	1.5	8.3	73.7	16.9	56.4	136.8	140.9	158.0
Proseed	1483	83	VT2P	78.8	40.7	87.5	2.5	9.1	73.7	17.4	56.3	123.1	127.1	--
Proseed	1385	85	VT2P	78.5	46.2	93.9	0.5	8.1	73.5	17.5	57.3	147.7	--	--
Proseed	1286	86	VT2P	78.5	42.5	87.9	1.8	8.4	73.4	17.3	57.4	147.6	145.6	--
Proseed	1487	87	VT2P	78.5	45.1	91.5	1.0	8.6	72.8	18.1	56.7	162.2	--	--
REA Hybrids	2B840-RIB	84	RR2, Bt	78.0	42.9	89.1	1.0	8.2	73.5	17.4	56.4	145.1	--	--
REA Hybrids	2B860-RIB	86	RR2, Bt	78.0	45.5	85.9	3.5	8.0	73.8	17.0	56.6	149.2	--	--
REA Hybrids	2A871-RIB	87	RR2, Bt, CRW	78.0	42.2	85.5	1.0	8.8	73.0	19.1	56.2	144.9	149.6	156.1
REA Hybrids	3B330-RIB	90	RR2, Bt	78.5	46.5	89.2	0.8	8.7	74.1	18.9	55.9	182.9	182.4	182.6
Rob-See-Co	RC3418-3010A	84	Agrisure Artesi	79.3	41.5	82.6	6.5	8.2	73.6	16.4	56.5	153.5	--	--
Rob-See-Co	RC3601-3011A	86	Agrisure Artesi	77.5	44.0	89.4	0.5	8.4	73.9	18.2	56.9	161.0	162.8	--
Rob-See-Co	RC3834-3010	88	Agrisure 3010	78.0	42.3	91.8	0.8	8.5	74.6	18.0	56.4	129.0	--	--
Thunder	4383 VT2P	83	VT2P	78.5	43.5	88.5	4.0	9.0	73.2	17.6	57.3	120.5	129.3	143.7
Thunder	4585RR	85	RR	78.3	44.1	90.1	1.3	8.6	73.1	17.3	57.3	163.3	159.8	166.1
Thunder	6385 VT2P	85	VT2P	77.5	38.8	85.4	3.0	8.5	73.5	17.3	58.3	121.2	126.1	--
Thunder	6785 VT2P	85	VT2P	78.3	42.7	89.0	2.8	8.7	73.5	17.3	57.6	146.7	--	--
Wensman	W80841VT2RIB	84	VT2RIB	79.0	43.1	88.0	1.0	8.7	73.3	17.2	58.0	134.6	137.5	148.1
Wensman	W80866VT2RIB	86	VT2RIB	78.3	43.3	85.4	2.0	8.7	73.4	17.5	57.3	138.4	141.3	152.0
Wensman	W80874VT2PRO	87	VT2PRO	77.8	45.2	98.1	1.5	8.4	73.2	17.2	54.4	166.2	162.1	--
Wensman	W80880VT2RIB	88	VT2RIB	77.8	49.7	89.9	1.0	7.6	75.3	17.8	56.9	164.0	160.9	--
Wensman	W80891VT2PRO	89	VT2PRO	79.3	45.6	92.6	0.8	8.2	73.2	18.0	57.1	157.2	--	--
Wensman	W80906VT2PRO	90	VT2PRO	81.8	47.8	95.5	0.3	8.7	73.3	18.1	55.9	167.4	--	--
MEAN				78.7	44.4	90.0	1.6	8.5	73.6	17.7	56.7	150.5	--	--
C.V. (%)				0.8	7	3.9	74.8	3.6	0.8	3.4	0.9	8.2	--	--
LSD 0.10				0.8	3.5	4.1	1.4	0.35	0.7	0.7	0.6	14.4	--	--
LSD 0.05				0.9	4.2	4.9	1.7	0.42	0.9	0.8	0.7	17.1	--	--

Planting Date = May 2 ; Harvest Date = October 19 ; Previous Crop = Dry Bean

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

² Upper stalk breakage: Stalk breakage above the ear. Scored 0 to 10 where 0 = no breakage and 10 = 100% breakage.

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