

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

Corn - Dryland

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Brand	Hybrid	R.M.	Hybrid Traits ¹	Plant Lodge 0 to 9	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moist. %	Test Weight lb/bu	----- Grain Yield -----		
											2016	2-yr. Avg. bu/ac	3-yr. Avg.
Dairyland Seed	DS-9686	86	300GT	0.0	31.5	87.6	8.5	73.9	18.6	57.6	175.9	--	--
Dairyland Seed	DS-9487	87	SSX	0.0	28.5	88.2	9.4	73.0	18.3	55.7	175.0	188.6	189.2
Dairyland Seed	DS-7294	94	3110	0.8	41.1	99.8	9.8	72.3	19.8	57.5	189.4	--	--
Integra	9412	91	VT2P	0.0	34.1	91.3	8.4	73.5	18.5	56.4	199.7	205.9	198.1
Integra	4122	91	VT2P	0.0	34.6	90.7	9.1	73.1	18.4	56.5	197.3	--	--
Integra	4342	93	VT2P	0.0	31.3	90.6	9.1	73.2	18.7	56.6	179.9	197.3	193.1
Latham	LH3614	86	3011A	0.0	34.4	94.9	8.9	73.2	18.5	57.1	184.6	--	--
Latham	LH3877	88	VT2Pro	0.0	35.8	92.3	8.1	73.4	18.5	57.8	205.8	--	--
Latham	LH4097	90	VT2Pro	0.0	31.9	94.5	8.3	73.3	19.3	56.9	202.9	211.7	--
Latham	LH4147	91	VT2Pro	0.0	33.7	88.0	8.8	73.6	17.9	55.9	196.0	190.9	--
Latham	LH4242	92	VT2Pro	0.0	31.9	91.5	8.6	73.6	19.0	57.0	192.8	204.0	--
Latham	LH4437	94	VT2Pro	0.3	32.3	92.5	8.5	73.7	19.3	55.2	209.2	--	--
Latham	LH4454	94	VT2Pro	0.0	32.1	90.2	9.4	73.3	19.9	56.5	201.6	--	--
Legacy Seeds	L-3115	92	VT2PRO	0.0	32.5	93.5	9.0	73.5	19.2	56.1	186.7	190.8	--
Legacy Seeds	L-3043	93	VT2PRO	0.0	30.7	87.8	9.0	73.0	19.1	56.4	199.1	209.4	196.3
Legacy Seeds	L-3416	94	VT2PRO	0.0	30.1	92.7	8.4	74.4	19.6	55.2	208.6	--	--
Legacy Seeds	L-3712	96	VT3PRO	0.0	31.5	90.9	9.4	73.4	19.2	56.4	215.6	213.7	--
Legacy Seeds	L-3715	96	GENSS	0.0	36.6	94.1	8.5	74.3	20.0	56.1	197.0	--	--
NorthStar	NS 86-194	86	VT2PRIB	0.0	34.6	89.2	9.2	73.3	18.5	56.7	201.7	--	--
NorthStar	NS 89-174	89	VT2PRIB	0.0	32.3	86.8	8.8	73.2	18.0	56.5	195.0	--	--
NorthStar	NS 91-591	91	VT2PRIB	0.0	34.3	90.9	8.6	73.8	18.9	56.2	194.8	201.8	--
NorthStar	NS 94-125	94	GENSSRIB/SmartSta	0.0	31.3	90.2	8.7	72.9	19.2	56.5	188.3	--	--
NorthStar	NS 95-135	95	VT2PRIB	0.0	35.0	97.8	8.7	74.4	19.7	58.5	209.5	--	--
NorthStar	NS 96-578	96	VT3PRIB	0.0	33.3	92.9	9.2	73.3	19.1	56.7	212.4	--	--
NuTech	X5B-8801	88	GT/CB/LL	0.0	29.9	90.0	9.5	73.4	18.2	57.1	172.8	--	--
NuTech	5B-293	93	GT/CB/LL	0.8	38.8	99.6	9.9	72.4	20.3	56.8	197.6	--	--
MEAN				0.1	33.0	91.1	9.0	73.3	18.7	56.7	189.9	--	--
C.V. (%)				411	9.2	5.1	4.4	1.0	2.9	1.2	9.7	--	--
LSD 0.10				0.4	3.5	5.4	0.45	0.8	0.6	0.8	21.3	--	--
LSD 0.05				0.5	4.2	6.5	0.54	1.0	0.8	1.0	25.4	--	--

Planting Date = May 4 ; Harvest Date = November 3 ; Previous Crop = Soybean

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Brand	Hybrid	R.M.	Hybrid Traits ¹	Plant Lodge 0 to 9	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moist. %	Test Weight lb/bu	----- Grain Yield -----		
											2016	2-yr. Avg. bu/ac	3-yr. Avg.
NuTech/G2 Genetics	5F-091	91	Optimum AcreMax	0.8	29.1	88.0	9.6	72.3	18.1	55.3	187.2	--	--
NuTech/G2 Genetics	5F-894	94	Optimum AcreMax	1.0	32.7	91.5	9.3	73.3	18.9	55.4	212.7	--	--
NuTech/G2 Genetics	5F-196	96	Optimum AcreMax	0.8	33.7	94.1	8.7	73.8	19.5	54.3	207.0	205.9	--
PFS	PFS77H87	87	VT2PRO	0.0	32.9	88.0	8.9	73.3	18.2	57.9	189.2	188.4	183.5
PFS	PFS74K89	89	VT2PRO	0.0	35.4	94.3	9.4	73.2	18.7	57.5	187.2	194.9	185.3
Proseed	1191	91	VT2P	0.0	37.0	95.5	8.5	73.7	19.0	57.4	196.7	210.2	200.8
Proseed	1392	92	VT2P	0.0	32.7	89.2	9.1	73.2	19.0	55.9	183.5	--	--
REA Hybrids	2B840-RIB	84	RR2, Bt	0.0	30.7	86.6	8.7	73.1	17.3	56.6	173.7	--	--
REA Hybrids	2B860-RIB	86	RR2, Bt	0.0	36.8	90.6	8.8	73.3	17.9	57.0	176.3	--	--
REA Hybrids	2A871-RIB	87	RR2, Bt, CRW	0.0	27.6	81.3	9.5	71.3	18.5	56.7	170.4	182.2	--
REA Hybrids	3B330-RIB	90	RR2, Bt	0.0	36.0	92.7	9.4	73.3	18.5	56.8	209.8	219.2	203.9
REA Hybrids	3A922-RIB	92	RR2, Bt, CRW	0.0	30.3	85.6	8.8	73.4	17.9	56.6	166.8	184.0	--
Renk	RK299	89	VT2P	0.0	31.9	88.4	8.9	73.6	18.3	56.4	197.3	203.2	196.1
Renk	RK408	91	VT2P	0.0	33.9	94.7	9.2	73.4	18.8	56.7	198.5	--	--
Renk	RK433	92	VT2P	0.0	35.8	96.7	9.4	72.7	20.0	56.6	205.8	--	--
Thunder	6385	85	VT2P	0.0	30.5	84.8	9.4	72.5	18.1	59.2	150.6	--	--
Thunder	6785	85	VT2P	0.0	30.7	85.4	9.1	72.7	17.8	57.4	175.9	--	--
Thunder	7188	88	VT2P	0.0	34.6	96.7	9.2	73.6	18.8	58.4	190.8	184.8	174.6
Wensman	W80874	87	VT2PRO	0.0	30.3	92.3	8.8	72.5	18.2	53.8	162.4	182.1	--
Wensman	W80880	88	VT2RIB	0.0	30.3	87.4	8.4	74.0	17.9	56.9	183.5	190.7	--
Wensman	W80891	89	VT2PRO	0.0	32.7	91.3	8.7	73.5	18.4	57.9	193.8	--	--
Wensman	W80906	90	VT2PRO	0.0	33.1	95.1	9.7	72.5	18.7	57.3	180.3	--	--
Wensman	W80928	92	VT2RIB	0.0	33.3	88.6	8.9	73.1	18.2	55.8	190.9	194.4	--
MEAN				0.1	33.0	91.1	9.0	73.3	18.7	56.7	189.9	--	--
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¹ Hybrid traits as reported by seed company when hybrids submitted for evaluation.