

**NDSU Carrington Research Extension Center and Oakes Irrigation Research Site
2016 Variety Trial Data**

Corn - Dryland **Dickey County - Oakes (Page 1 of 3)**

Brand	Hybrid	RM	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Oil Content %	Harvest Moisture %	Test Weight lb/bu	-- Grain Yield --	
												2016 ----- bu/ac	2 yr. Avg. -----
Channel	193-53 VT2PRIB	93	VT2PRIB	69.3	43.7	92.3	9.2	72.8	3.2	19.2	54.0	233.9	--
Channel	194-14 VT2PRIB	94	VT2PRIB	70.5	45.3	94.8	9.3	72.7	3.2	18.5	54.0	241.6	220.3
Channel	195-18 VT2PRIB	95	VT2PRIB	71.3	43.0	89.8	9.6	72.0	3.9	21.1	55.5	227.7	--
Channel	197-50 VT2PRIB	97	VT2PRIB	71.0	46.3	96.3	9.3	72.5	3.2	20.9	52.9	240.6	--
Dairyland Seed	DS-9487SSX	87	SSX	67.5	44.2	88.7	9.8	72.4	3.0	18.3	53.3	216.9	195.3
Dairyland Seed	DS-7294	94	3110	71.0	53.8	99.5	10.4	72.3	3.0	19.1	54.6	233.9	--
Dairyland Seed	DS-9599	99	300GT	72.3	49.2	97.5	9.8	72.3	3.5	22.5	52.1	218.0	191.7
Dairyland Seed	DS-9802		SSX	71.3	47.0	91.4	8.8	72.7	3.9	22.4	50.4	193.5	--
Frontiersman	91-E3 VT2ProRIB	91	VT2ProRIB	69.5	44.7	90.8	9.5	72.8	3.2	18.2	54.8	197.5	197.6
Frontiersman	91-C6 VT2ProRIB	91	VT2ProRIB	71.3	45.4	91.0	9.6	72.2	3.6	18.0	55.0	238.9	--
Frontiersman	93-H6 GTCBLL	93	GTCBLL	71.0	51.3	95.9	10.6	72.1	3.1	18.7	54.6	201.7	--
Frontiersman	92-E5 VT2ProRIB	92	VT2ProRIB	71.3	43.1	93.3	9.3	72.1	3.7	19.7	54.3	222.4	207.1
Frontiersman	90-H33220 EZRefuge VIP	90	EZRefuge Viptera	72.3	53.0	98.8	10.4	72.3	2.8	19.3	53.0	190.4	--
Innotech	IC4453-3110	94	Agrisure Viptera 3110	71.0	52.3	95.1	10.9	72.7	2.5	18.2	55.4	228.5	198.1
Innotech	IC4688-3010	96	Agrisure 3010	71.5	48.3	96.3	9.2	73.1	3.1	20.3	53.7	247.8	--
Innotech	IC4730-3010	97	Agrisure 3010	71.0	47.0	97.8	9.3	73.6	3.2	21.9	52.9	213.7	--
Innotech	IC4173-3110A	91	Agrisure Viptera 3110A	69.8	49.2	95.2	10.3	72.0	3.4	19.0	55.5	223.6	--
Integra	4652			69.5	45.4	88.1	9.6	72.7	3.0	20.7	53.6	244.5	--
Latham	LH4454	94	VT2Pro	71.3	43.4	92.5	9.5	72.4	3.2	20.1	54.6	228.1	--
Latham	LH4727	97	VT2Pro	72.0	45.9	95.2	9.5	71.8	3.5	20.6	52.9	243.1	--
Latham	LH4955	99	VT2Pro	71.8	46.2	92.4	9.5	71.9	3.5	20.9	52.0	227.8	--
MEAN				70.8	45.6	92.8	9.6	72.5	3.3	19.3	54.0	225.0	--
C.V. (%)				0.8	4.1	3.8	2.6	0.7	6.9	7.1	1.7	10.3	--
LSD 0.10				0.7	1.9	3.6	0.3	0.6	0.3	1.4	0.9	23.7	--
LSD 0.05				0.8	2.3	4.3	0.4	0.7	0.3	1.7	1.1	28.3	--

Planting Date = May 11; Harvest Date = October 21; Previous Crop = Soybean

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Brand	Hybrid	RM	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Oil Content %	Harvest Moisture %	Test Weight lb/bu	-- Grain Yield --	
												2016 ----- bu/ac	2 yr. Avg. -----
Latham	LH4242	92	VT2Pro	71.3	43.4	90.3	9.4	72.6	3.3	18.2	55.2	204.9	198.4
Latham	LH4437	94	VT2Pro	69.3	42.9	92.6	9.2	72.7	3.2	19.8	53.6	235.5	--
Legacy Seeds	L-3115 VT2PRO	92	VT2PRO	70.5	44.7	89.2	9.6	72.3	3.5	17.0	54.9	221.0	205.3
Legacy Seeds	L-3043 VT2PRO	93	VT2PRO	70.8	44.8	91.3	9.5	72.6	3.3	17.8	54.9	234.2	213.0
Legacy Seeds	L-3416 VT2PRO	94	VT2PRO	69.5	43.7	95.4	9.4	72.8	3.2	19.3	54.2	228.4	--
Legacy Seeds	L-3712 VT3PRO	96	VT3PRO	71.5	41.6	88.4	10.0	72.1	3.3	19.3	55.3	231.9	200.5
Legacy Seeds	L-3715 GENSS	96	GENSS	71.3	45.0	91.4	9.2	72.8	3.1	20.1	53.5	210.4	--
Legend	LR 97A89		VIP 3011	67.5	45.1	93.3	9.4	73.0	3.1	18.6	55.7	224.2	--
Legend	LR 9691		VT2PRIB	71.0	45.1	94.4	9.3	72.3	3.5	18.5	55.0	260.3	--
Legend	LR 9697		VT2PRIB	72.8	45.7	93.0	9.5	71.8	3.8	21.1	51.5	231.1	--
Legend	LR 9497		VT2PRIB	71.8	43.0	89.9	9.7	72.6	3.0	19.4	53.7	203.1	187.1
NorthStar	NS 91-591 VT2P RIB	91	VT2P	69.5	43.9	91.0	9.1	73.1	3.1	18.4	54.4	228.2	208.8
NorthStar	NS 94-125 GenSS RIB	94	SmartStax	71.5	46.6	92.2	9.4	72.5	3.4	18.6	55.0	210.5	--
NorthStar	NS 95-135 VT2P	95	VT2P	69.8	44.8	92.1	9.4	73.0	3.2	20.4	56.4	243.1	--
NorthStar	NS 96-578	96	VT3P	71.5	42.7	90.7	9.5	72.6	3.3	19.7	54.0	232.9	--
NuTech	5B-293	93	GT/CB/LL	70.8	51.5	97.0	10.3	72.8	3.1	19.0	54.8	207.2	--
NuTech/G2 Genetics	5F-198	98	Optimum AcreMax	71.3	47.0	95.2	8.8	72.2	3.6	20.8	50.1	244.9	217.7
NuTech/G2 Genetics	5F-196	96	Optimum AcreMax	70.3	45.2	91.4	9.0	72.6	3.2	20.3	52.3	241.6	220.5
NuTech/G2 Genetics	5F-894	94	Optimum AcreMax	69.5	44.5	86.1	9.6	72.8	2.9	17.9	52.2	236.0	
PFS	PFS76S92	92	VT2PRO	71.3	43.5	92.6	9.4	72.7	3.3	18.7	54.8	224.3	203.9
PFS	PFS81W95	95	VT2PRO	70.5	43.9	95.0	9.7	72.3	3.2	19.0	53.9	220.9	210.2
MEAN				70.8	45.6	92.8	9.6	72.5	3.3	19.3	54.0	225.0	--
C.V. (%)				0.8	4.1	3.8	2.6	0.7	6.9	7.1	1.7	10.3	--
LSD 0.10				0.7	1.9	3.6	0.3	0.6	0.3	1.4	0.9	23.7	--
LSD 0.05				0.8	2.3	4.3	0.4	0.7	0.3	1.7	1.1	28.3	--

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												2016	2 yr. Avg.
PFS	PFS77P94	94	VT2PRO	69.3	41.8	92.2	9.2	72.7	3.2	19.5	53.9	243.0	--
Proseed	1295 SS RIB	95	VT2P	71.0	45.0	92.2	9.6	72.4	3.3	18.7	55.0	200.7	--
Proseed	1193 VT2P	93	VT2P	69.3	42.7	92.6	9.5	72.5	3.4	18.4	55.9	217.5	--
Proseed	PX695	95	VIP 3	71.3	51.9	96.0	10.7	72.6	2.7	14.9	54.9	212.6	--
Proseed	1495 SS	95		71.8	43.5	92.3	9.4	72.1	3.6	20.6	53.4	206.3	200.3
Proseed	1496SS	96	VT2P	71.5	44.2	92.0	9.8	72.7	3.0	20.3	53.1	181.8	187.8
REA Hybrids	4B931-RIB	93	RR2, Bt	69.8	46.1	96.0	9.3	72.6	3.3	20.1	53.6	231.2	213.8
REA Hybrids	4B953-RIB	95	RR2, Bt	71.5	45.7	94.8	9.5	72.6	3.2	18.8	54.7	241.6	218.5
REA Hybrids	3A922-RIB	92	RR2, Bt, CRW	70.5	42.0	86.9	9.5	72.8	3.2	17.5	56.2	205.8	--
Renk	RK522SSTX	94	SSTX	70.5	44.7	96.4	9.7	72.2	3.4	18.9	53.9	214.9	200.5
Renk	RK566SSTX	94	SSTX	70.8	44.3	87.9	9.4	72.6	3.2	18.8	54.1	190.2	--
Renk	RK568VT3P	95	VT3P	71.0	43.2	91.1	9.7	72.1	3.4	20.4	54.5	230.4	202.9
Rob-See-Co	RC4343-3110A	93	Agrisure Viptera 3110A	71.3	53.1	98.2	10.7	72.4	2.8	18.9	55.0	239.8	--
Thunder	6791 VT2P	91	VT2P	71.3	45.2	92.9	9.5	72.2	3.5	18.4	54.6	247.4	--
Thunder	7993 VT2P	93	VT2P	71.5	45.1	93.0	9.4	72.4	3.5	19.6	54.1	226.4	202.5
Thunder	7396 VT2P	96	VT2P	71.0	45.3	91.8	9.5	72.8	3.2	18.6	53.6	247.2	213.1
Wensman	W80972VT2PRO	97	VT2PRO	70.5	41.4	91.3	9.2	72.6	3.3	20.2	53.1	229.8	--
Wensman	W90941STXRIB	94	STXRIB	70.3	43.9	89.7	9.3	72.5	3.2	18.6	52.9	243.3	216.7
Wensman	W90962STXRIB	96	STXRIB	70.8	46.6	95.4	9.8	72.5	3.1	18.4	53.3	223.4	206.4
Wensman	W90979STXRIB	97	STXRIB	71.0	46.3	87.2	9.3	73.2	2.9	19.1	53.9	226.1	212.6
Wensman	W80928VT2RIB	92	VT2RIB	71.3	45.2	90.0	10.0	71.8	3.4	17.5	55.1	225.8	--
MEAN				70.8	45.6	92.8	9.6	72.5	3.3	19.3	54.0	225.0	--
C.V. (%)				0.8	4.1	3.8	2.6	0.7	6.9	7.1	1.7	10.3	--
LSD 0.10				0.7	1.9	3.6	0.3	0.6	0.3	1.4	0.9	23.7	--
LSD 0.05				0.8	2.3	4.3	0.4	0.7	0.3	1.7	1.1	28.3	--

Planting Date = May 11; Harvest Date = October 21; Previous Crop = Soybean

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