

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

Corn - Irrigated

Dickey County - Oakes (Page 1 of 3)

Brand	Hybrid	RM	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Root Lodging	Grain Protein %	Content Starch %	Oil %	Moisture %	Test Weight lb/bu	- Grain Yield - 2 yr.	
													2016	Avg. ----- bu/ac -----
Channel	193-53 VT2PRIB	93	VT2PRIB	68.3	47.8	98.2	0.1	8.7	73.5	3.4	19.2	56.1	244.6	--
Channel	194-14 VT2PRIB	94	VT2PRIB	69.5	48.9	102.6	0.4	8.9	73.3	3.2	18.6	55.9	235.3	246.3
Channel	195-18 VT2PRIB	95	VT2PRIB	69.5	47.7	97.4	0.0	9.3	72.7	3.7	20.3	57.2	265.5	--
Channel	197-50 VT2PRIB	97	VT2PRIB	69.3	48.0	102.8	0.0	8.9	73.0	3.3	19.9	55.8	258.4	261.7
Dairyland Seed	DS-9487SSX	87	SSX	66.0	47.3	93.9	0.0	9.2	73.1	2.9	18.3	55.5	204.1	--
Dairyland Seed	DS-7294	94	3110	69.8	57.3	106.8	0.5	10.0	72.7	3.0	19.5	56.6	270.2	--
Dairyland Seed	DS-9599	99	300GT	70.8	53.2	105.8	0.1	9.2	73.1	3.3	20.9	54.5	256.6	256.5
Dairyland Seed	DS-9802		SSX	69.0	50.7	97.1	0.4	8.5	73.0	3.5	20.9	53.6	234.7	--
Dairyland Seed	DS-9198RA	98	SSX	70.0	48.7	98.3	0.0	9.4	72.4	3.6	20.3	52.7	234.1	233.6
Dairyland Seed	DS-9701RA	101	SSX	70.0	46.5	96.8	0.0	8.9	72.4	3.6	21.2	53.4	242.8	246.2
Innotech	IC4453-3110	94	Agrisure Viptera 3110	70.3	54.0	105.2	0.3	9.9	72.7	3.1	18.6	57.0	239.6	248.8
Innotech	IC4688-3010	96	Agrisure 3010	70.3	53.2	104.3	0.0	8.8	73.6	3.3	20.0	54.6	266.7	--
Innotech	IC4730-3010	97	Agrisure 3010	69.0	49.8	102.5	0.5	9.2	73.6	2.9	19.8	56.0	238.9	--
Integra	5151			71.8	53.4	102.4	0.0	9.1	73.0	3.4	20.9	55.2	248.9	--
Latham	LH4454	94	VT2Pro	69.8	48.9	99.3	0.0	9.1	72.8	3.5	19.2	56.7	244.5	--
Latham	LH4727	97	VT2Pro	70.5	50.0	102.5	0.0	9.0	72.6	3.5	19.9	55.3	275.6	--
Latham	LH4955	99	VT2Pro	70.0	51.5	100.7	0.0	9.1	72.6	3.5	20.1	54.9	262.9	--
Latham	LH5095	100	VT2Pro	70.0	49.3	97.7	0.0	9.1	72.5	3.6	21.3	55.3	266.0	--
Latham	LH5215		VT2Pro	70.3	49.5	102.4	0.9	8.8	72.4	4.0	22.5	54.3	256.6	265.6
MEAN				69.6	50.1	100.8	0.2	9.1	72.9	3.4	19.8	55.6	248.8	--
C.V. (%)				0.8	3.7	2.2	210.9	2.4	0.6	6.8	3.9	1.1	5.7	--
LSD 0.10				0.7	2.2	2.6	0.6	0.3	0.5	0.3	0.9	0.7	15.8	--
LSD 0.05				0.8	2.6	3.1	0.7	0.3	0.6	0.3	1.1	0.9	19.9	--

Planting Date = May 12; Harvest Date = October 28; Previous Crop = Spring wheat

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Brand	Hybrid	RM	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Root Lodging	Grain Protein %	Content Starch %	Oil %	Moisture %	Test Weight lb/bu	- Grain Yield - 2 yr.	
													2016	Avg. bu/ac
Legacy Seeds	L-3115 VT2PRO	92	VT2PRO	70.0	50.1	97.9	0.0	9.2	72.7	3.5	18.6	55.7	226.4	234.5
Legacy Seeds	L-3043 VT2PRO	93	VT2PRO	69.3	46.3	96.4	0.4	8.3	73.4	3.4	18.8	56.7	231.4	233.7
Legacy Seeds	L-3416 VT2PRO	94	VT2PRO	68.8	47.2	100.1	1.6	8.8	73.5	3.6	20.2	54.9	233.0	--
Legacy Seeds	L-3712 VT3PRO	96	VT3PRO	70.3	47.2	99.2	0.0	9.0	72.8	3.5	19.7	56.0	268.3	257.4
Legacy Seeds	L-3715 GENSS	96	GENSS	69.0	50.4	97.2	0.1	8.9	73.4	3.2	19.8	56.1	252.5	--
NuTech	5B-293	93	GT/CB/LL	69.8	55.0	105.0	0.5	9.9	72.7	3.2	19.9	57.3	245.8	--
NuTech	X5N-9901	99	3000GT	70.0	53.5	107.0	1.3	9.7	73.0	3.0	19.7	56.0	246.4	--
NuTech/G2 Genetics	5F-198	98	Optimum AcreMax	70.3	53.9	105.3	0.1	8.8	72.4	3.7	19.7	52.6	277.5	268.0
NuTech/G2 Genetics	5F-196	96	Optimum AcreMax	69.3	51.0	103.7	0.1	8.6	73.1	3.1	20.7	53.4	267.5	252.9
NuTech/G2 Genetics	5F-894	94	Optimum AcreMax	68.0	48.3	97.4	0.0	8.9	73.2	3.4	19.1	53.9	257.6	--
NuTech/G2 Genetics	X5Y-9902	99	Optimum Intrasect Xtra	67.5	49.3	99.9	0.0	9.5	72.4	3.5	19.7	55.4	268.5	--
PFS	PFS76S92 VT2PRO	92	VT2PRO	69.8	45.7	96.6	0.0	8.7	72.9	3.6	18.9	56.5	239.3	233.8
PFS	PFS81W95 VT2PRO	95	VT2PRO	69.3	50.1	101.4	0.0	9.1	73.0	3.5	19.9	55.1	258.9	260.2
PFS	PFS77P94 VT2PRO	94	VT2PRO	68.5	48.8	103.3	1.6	9.0	73.0	3.4	19.8	55.6	230.9	--
Proseed	1295 SS RIB	95	VT2P	69.5	48.0	99.7	0.6	9.2	72.7	3.6	21.0	56.3	239.9	--
Proseed	1193 VT2P	93	VT2P	68.3	45.8	100.0	1.3	9.1	73.2	3.3	19.3	57.7	225.7	--
Proseed	PX695 VIP 3	95	VIP 3	69.3	56.4	105.7	0.1	9.9	73.0	2.9	18.9	57.1	260.0	--
Proseed	1495 SS	95		70.0	49.5	100.1	0.0	9.2	72.4	3.7	20.2	55.5	249.5	255.5
Proseed	1496SS VT2PRO	96	VT2P	71.0	49.4	99.4	0.0	9.2	72.7	3.2	21.4	55.6	242.9	242.0
MEAN				69.6	50.1	100.8	0.2	9.1	72.9	3.4	19.8	55.6	248.8	--
C.V. (%)				0.8	3.7	2.2	210.9	2.4	0.6	6.8	3.9	1.1	5.7	--
LSD 0.10				0.7	2.2	2.6	0.6	0.3	0.5	0.3	0.9	0.7	15.8	--
LSD 0.05				0.8	2.6	3.1	0.7	0.3	0.6	0.3	1.1	0.9	19.9	--

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													-----	bu/ac -----
REA Hybrids	4B931-RIB	93	RR2, Bt	68.8	49.2	101.0	0.0	8.8	73.1	3.5	19.8	55.3	247.5	--
REA Hybrids	4B953-RIB	95	RR2, Bt	70.0	50.1	102.9	0.1	8.9	73.2	3.4	18.4	56.6	246.3	250.0
REA Hybrids	4A962-RIB	96	RR2, Bt, CRW	69.8	49.4	103.2	0.0	9.3	73.1	3.1	21.0	56.0	255.1	255.2
REA Hybrids	5A982-RIB	98	RR2, Bt, CRW	71.3	49.8	103.2	0.1	8.7	72.8	3.7	20.4	56.1	237.7	--
Renk	RK522SSTX	94	SSTX	70.0	48.7	99.6	0.0	9.1	72.9	3.4	20.2	55.3	245.0	247.1
Renk	RK566SSTX	94	SSTX	69.3	50.3	97.7	0.6	8.8	73.1	3.3	20.4	55.1	242.1	--
Renk	RK568VT3P	95	VT3P	69.8	47.4	98.2	0.0	9.1	72.8	3.4	19.1	56.6	254.6	253.2
Rob-See-Co	RC4343-3110A	93	Agrisure Viptera 3110A	69.3	57.2	106.5	0.4	9.8	73.2	3.0	19.0	57.1	255.3	--
Rob-See-Co	RC5112-3011A	101	Agrisure Artesian 3011A	70.8	51.4	104.1	0.0	9.3	72.8	3.2	20.3	56.2	253.0	--
Thunder	6791 VT2P	91	VT2P	69.0	48.8	98.3	0.0	9.0	72.7	3.7	18.2	55.6	257.8	--
Thunder	7993 VT2P	93	VT2P	69.5	45.3	96.3	0.0	8.7	73.1	3.7	19.4	56.5	238.8	242.9
Thunder	7396 VT2P	96	VT2P	70.0	52.6	101.7	0.0	9.5	72.8	3.6	19.7	55.4	240.8	--
Wensman	W80972VT2PRO	97	VT2PRO	69.5	46.9	95.4	0.0	8.6	73.4	3.2	19.4	55.5	251.8	--
Wensman	W90941STXRIB	94	STXRIB	69.0	50.2	98.5	0.0	9.0	72.6	3.5	19.3	55.5	259.1	253.4
Wensman	W90962STXRIB	96	STXRIB	69.3	52.2	101.8	0.0	9.2	72.7	3.6	20.0	55.1	238.8	--
Wensman	W90979STXRIB	97	STXRIB	69.8	51.2	97.5	0.4	8.7	73.5	3.1	20.4	56.7	242.5	255.9
Wensman	W90994STX RIB	99	STXRIB	70.8	53.5	104.8	0.3	9.3	72.5	3.6	20.4	54.3	251.9	--
MEAN				69.6	50.1	100.8	0.2	9.1	72.9	3.4	19.8	55.6	248.8	--
C.V. (%)				0.8	3.7	2.2	210.9	2.4	0.6	6.8	3.9	1.1	5.7	--
LSD 0.10				0.7	2.2	2.6	0.6	0.3	0.5	0.3	0.9	0.7	15.8	--
LSD 0.05				0.8	2.6	3.1	0.7	0.3	0.6	0.3	1.1	0.9	19.9	--

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