

**NDSU Carrington Research Extension Center and Oakes Irrigation Research Site
2015 Variety Trial Data**

Corn - Irrigated **Dickey County - Oakes (Page 1 of 4)**

Brand	Hybrid	RM	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Content			Moisture %	Test Wt. lb/bu	---Grain Yield---		
								Starch %	Oil %	2 yr. Avg. bu/ac			3 yr. Avg. bu/ac		
Channel	194-14	94	VT2PRIB	79.0	46.0	98.3	8.9	73.8	2.7	14.9	58.2	257.3	--	--	
Channel	195-56	95	VT2PRIB	79.0	47.7	99.2	8.7	73.4	2.9	14.1	57.1	256.9	--	--	
Channel	197-50	97	STXRIB	79.3	49.1	99.4	9.1	73.7	2.5	15.9	57.4	264.9	--	--	
Channel	197-68	97	STXRIB	82.8	47.4	100.9	9.1	72.8	3.2	16.4	60.3	261.2	--	--	
Dairyland Seed	DS-9791RA	91	SSX	81.0	42.9	95.2	8.7	73.9	2.6	13.6	57.9	242.2	220.7	216.8	
Dairyland Seed	DS-9693	93	SSX	83.0	53.3	104.2	9.9	71.9	3.4	17.4	58.0	234.0	216.4	--	
Dairyland Seed	DS-9593	93	3000GT	80.3	51.7	100.8	9.1	74.5	1.9	13.3	57.9	228.2	--	--	
Dairyland Seed	DS-9198	98	RA	80.8	48.0	97.6	8.8	74.2	2.3	13.5	56.7	233.1	--	--	
Dairyland Seed	DS-9599	99	3000GT	81.5	50.6	99.5	7.2	73.8	2.5	15.8	58.3	256.4	--	--	
Dairyland Seed	DS-9701	101	SSX	80.0	44.4	94.4	8.6	73.7	2.8	14.1	57.5	249.6	--	--	
Innotech	IC4343-3110A	93	Agrisure Viptera 3110A	79.3	53.8	102.9	10.0	73.3	2.4	14.9	59.8	245.5	--	--	
Innotech	IC4453-3110	94	Agrisure Viptera 3110	79.3	52.0	100.2	9.9	73.4	2.3	14.9	60.2	258.0	--	--	
Innotech	IC4654-3111	96	Agrisure Viptera 3111	80.5	53.0	102.9	9.0	75.6	1.5	14.3	57.4	239.8	--	--	
Innotech	IC4903-3111A	99	Agrisure Viptera 3111A	81.3	50.2	101.8	9.4	73.4	2.5	15.2	58.7	250.3	--	--	
Integra	4652		GSS	80.5	50.9	98.3	8.8	74.2	2.3	14.7	58.5	257.2	--	--	
Latham	LH 4455	94	VT3 PRO	80.8	45.4	95.0	9.1	73.1	2.8	14.7	58.9	254.2	--	--	
Latham	LH 4645	96	VT2 PRO	79.5	50.3	96.6	10.0	73.3	2.4	14.0	58.5	239.8	--	--	
Latham	EX 4729	97	SS	81.5	51.9	99.2	9.1	73.4	2.5	14.5	57.3	234.6	--	--	
Latham	LH 5215		VT2 PRO	80.5	48.9	100.4	8.6	73.3	3.2	17.6	58.9	274.6	--	--	
Legacy Seeds	L3011	90	VT3PRO	77.3	46.0	97.8	8.7	73.8	2.7	13.6	58.3	233.6	--	--	
Legacy Seeds	L3115	91	VT2PRO	80.5	50.6	98.7	8.9	73.5	2.9	13.6	58.4	242.5	--	--	
MEAN				80.1	48.9	98.7	9.0	73.5	2.7	14.9	58.8	249.0	--	--	
C.V. (%)				0.9	3.6	1.7	6.1	0.7	11.2	3.1	2.3	5.1	--	--	
LSD 0.10				0.8	2.0	2.0	0.6	0.6	0.3	0.5	1.5	14.8	--	--	
LSD 0.05				1.0	2.4	2.4	NS	0.7	0.4	0.6	1.8	17.6	--	--	

Planting Date = April 30; Harvest Date = October 20; Previous Crop = Dry edible bean

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Corn - Irrigated **Dickey County - Oakes (Page 2 of 4)**

Brand	Hybrid	RM	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Content			Test Moisture %	Wt. lb/bu	---Grain Yield---	
								Starch %	Oil %	2 yr. Avg.			3 yr. Avg.	
Legacy Seeds	L3114	92	VT2PRO	78.5	50.3	99.5	9.1	73.8	2.5	13.5	58.8	236.6	--	--
Legacy Seeds	L3022	92	GENSS	78.3	51.6	100.9	9.4	73.7	2.6	15.1	60.2	247.0	--	--
Legacy Seeds	L3043	93	VT2PRO	80.5	42.5	94.5	8.6	73.3	3.1	14.5	59.1	236.0	221.3	--
Legacy Seeds	L3712	96	VT3PRO	80.5	46.0	96.7	9.0	73.2	2.8	14.8	59.6	246.5	235.5	--
Legacy Seeds	L3845	97	GENSS	82.3	51.0	98.5	9.2	72.9	2.7	14.0	57.7	245.7	--	--
Legend	LR 9492	92	VT2RIB	79.5	46.0	96.5	8.4	73.6	2.9	14.2	59.6	249.8	--	--
Legend	LR 9394	94	GENSSRIB	80.3	47.6	96.5	9.0	73.1	3.1	17.3	61.5	244.7	--	--
Legend	LR 9495	95	VT2RIB	80.8	46.7	96.4	9.1	73.2	2.7	14.6	59.3	253.3	--	--
Legend	LR 9496	96	VT2RIB	82.0	52.9	102.3	9.4	73.3	2.7	15.7	59.0	256.9	--	--
Legend	LR 9497	97	VT2RIB	81.8	50.3	99.1	9.4	73.5	2.5	16.7	59.3	243.5	--	--
Northstar/Viking	VS 92-110	92	VT2P	80.3	45.0	95.3	8.5	73.4	3.0	14.9	60.2	249.1	--	--
Northstar/Viking	VS 94-571	94	VT2P	77.5	49.0	100.7	9.0	73.3	2.8	14.6	59.7	253.0	--	--
Nuseed	9504 VT3P Rib	95	VT Triple Pro	77.5	43.2	95.5	9.0	73.8	2.6	13.5	58.9	235.4	222.5	215.9
NuTech/G2 Genetics	5N-290	90	3000GT	79.3	54.4	102.9	9.3	74.2	2.6	13.2	56.2	246.3	--	--
NuTech/G2 Genetics	5G-9302	93	GT/CB/LL	80.0	54.6	102.5	9.8	73.3	2.4	15.1	60.0	249.1	--	--
NuTech/G2 Genetics	5X-894	94	HXT/RR2	78.5	47.1	94.6	8.9	73.5	2.6	14.0	58.2	246.0	225.3	221.2
NuTech/G2 Genetics	5N-195	95	3000GT	80.0	53.3	100.7	9.0	74.9	1.9	13.9	58.3	231.6	--	--
NuTech/G2 Genetics	5F-196	96	YGCB/Hx1/RR2/LL	78.5	52.3	101.9	8.7	74.3	2.2	14.1	56.2	238.4	--	--
NuTech/G2 Genetics	5F-198	98	YGCB/Hx1/RR2/LL	81.0	51.7	102.1	8.8	73.0	2.8	14.0	54.9	258.5	243.6	--
PFS	76S92	92	VT2PRO	80.5	44.4	96.0	8.6	73.6	3.0	14.4	59.8	228.4	220.0	225.9
PFS	81W95	95	SMARTSTAX	78.5	48.0	99.7	8.8	74.0	2.5	14.7	58.3	261.5	247.9	--
MEAN				80.1	48.9	98.7	9.0	73.5	2.7	14.9	58.8	249.0	--	--
C.V. (%)				0.9	3.6	1.7	6.1	0.7	11.2	3.1	2.3	5.1	--	--
LSD 0.10				0.8	2.0	2.0	0.6	0.6	0.3	0.5	1.5	14.8	--	--
LSD 0.05				1.0	2.4	2.4	NS	0.7	0.4	0.6	1.8	17.6	--	--

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Corn - Irrigated **Dickey County - Oakes (Page 3 of 4)**

Brand	Hybrid	RM	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Content			Test Wt. lb/bu	---Grain Yield---		
								Starch %	Oil %	Moisture %		2 yr. Avg. -----bu/ac-----	3 yr. Avg.	
PFS	55S96	96	VT3PRO	80.5	46.0	95.8	8.9	74.0	2.5	14.8	58.9	245.9	233.5	230.1
Proseed	1492 VT2P	92	VT2P	78.3	49.7	97.9	9.6	72.7	3.0	14.3	58.6	252.2	--	--
Proseed	1392 VT2P	92	VT2P	80.3	45.9	96.4	8.6	73.4	2.9	14.6	59.4	240.5	--	--
Proseed	1393 VT2P	93	VT2P	77.0	44.3	93.7	8.7	74.1	2.6	14.4	59.5	233.6	--	--
Proseed	1495 SS	95	SS	81.3	52.2	101.3	9.1	73.1	3.1	16.1	59.0	261.5	--	--
Proseed	1496 SS	96	SS	82.0	50.5	98.9	9.3	73.7	2.5	17.0	59.2	241.2	--	--
REA	3A922-RIB	92	RR2, Bt, CRW	79.0	45.4	94.2	8.8	73.9	2.6	14.9	59.5	244.0	--	--
REA	3A929-RIB	92	RR2, Bt, CRW	79.0	49.5	100.7	9.5	73.3	2.8	15.0	60.6	249.6	244.4	240.2
REA	4A930-RIB	93	RR2, Bt, CRW	77.5	43.8	97.0	8.8	73.1	3.0	14.3	58.0	248.5	--	--
REA	4A942-RIB	94	RR2, Bt, CRW	79.3	47.7	97.8	9.0	74.0	2.5	15.1	59.4	253.7	239.3	--
REA	4B953-RIB	95	RR2, Bt	80.5	50.1	101.1	8.7	74.1	2.4	13.8	59.3	253.7	--	--
REA	4A962-RIB	96	RR2, Bt, CRW	80.0	48.6	100.2	9.4	73.9	2.4	16.5	59.0	255.3	--	--
REA	4A972-RIB	97	RR2, Bt, CRW	79.5	51.0	100.7	9.0	73.6	2.6	14.9	58.5	259.3	246.3	--
REA	5A992-RIB	99	RR2, Bt, CRW	83.0	54.6	101.0	9.1	72.4	3.3	16.8	58.4	260.3	245.0	--
Renk	RK522SSTX	94	SSTX	79.5	49.0	100.5	8.9	73.7	2.7	14.9	58.2	249.3	234.1	236.4
Renk	RK544SSTX	95	SSTX	81.0	50.4	99.4	9.1	73.1	3.0	15.7	58.8	251.1	--	--
Renk	RK568VT3P	95	SSTX	79.3	45.0	94.9	9.1	73.1	2.8	14.3	59.4	251.8	240.3	238.4
Thunder	7993VT2P	93	VT2PRIB	80.3	44.3	95.9	8.6	73.5	2.8	14.5	59.3	247.0	--	--
Thunder	101-95SS	95	SS	82.5	50.5	96.6	9.3	74.0	2.4	17.0	62.4	246.5	--	--
Thunder	7396VT2P	96	VT2PRIB	79.3	49.6	96.9	9.8	73.2	2.8	14.4	58.4	255.4	242.9	243.0
Thunder	101-97SS	97	SS	81.5	52.2	101.4	9.3	73.4	2.8	15.5	59.5	258.9	--	--
MEAN				80.1	48.9	98.7	9.0	73.5	2.7	14.9	58.8	249.0	--	--
C.V. (%)				0.9	3.6	1.7	6.1	0.7	11.2	3.1	2.3	5.1	--	--
LSD 0.10				0.8	2.0	2.0	0.6	0.6	0.3	0.5	1.5	14.8	--	--
LSD 0.05				1.0	2.4	2.4	NS	0.7	0.4	0.6	1.8	17.6	--	--

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Corn - Irrigated **Dickey County - Oakes (Page 4 of 4)**

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								Starch %	Oil %	Moisture %		2015	2 yr. Avg.	3 yr. Avg.
Wensman Seed	W70975VT3PRIB		VT3PRIB	80.0	45.4	95.2	9.1	73.3	2.7	14.7	59.5	261.5	245.9	--
Wensman Seed	W90962STX		STX	78.5	47.7	100.9	8.9	73.4	2.8	14.8	57.8	275.6	--	--
Wensman Seed	W9288STXRIB		STXRIB	83.0	48.9	99.3	8.6	73.3	2.9	16.5	58.5	250.0	238.7	242.0
Wensman Seed	W90941STXRIB		STXRIB	79.0	50.2	98.5	8.8	73.8	2.6	13.9	57.4	247.8	241.7	--
Wensman Seed	W90979STXRIB		STXRIB	80.5	51.4	98.3	8.9	74.0	2.5	15.2	61.6	269.3	251.4	--
	MEAN			80.1	48.9	98.7	9.0	73.5	2.7	14.9	58.8	249.0	--	--
	C.V. (%)			0.9	3.6	1.7	6.1	0.7	11.2	3.1	2.3	5.1	--	--
	LSD 0.10			0.8	2.0	2.0	0.6	0.6	0.3	0.5	1.5	14.8	--	--
	LSD 0.05			1.0	2.4	2.4	NS	0.7	0.4	0.6	1.8	17.6	--	--

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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.