

**NDSU Carrington Research Extension Center and Oakes Irrigation Research Site  
2017 Variety Trial Data**

**Corn - Irrigated**

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

Brand	Hybrid	RM	Hybrid Traits <sup>1</sup>	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Content			Test Weight lb/bu	--Grain Yield--	
								Starch %	Oil %	Moisture %		2017 bu/ac	2 yr. Avg. bu/ac
Channel	193-53	93	VT2PRIB	63.8	39.8	90.4	9.0	72.6	3.4	18.1	58.5	271.8	258.2
Channel	195-18	95	VT2PRIB	66.8	39.7	89.3	9.6	72.4	3.3	22.0	57.8	299.8	--
Channel	197-50	97	VT2PRIB	66.5	45.5	96.0	8.6	73.1	3.1	20.5	57.5	287.4	--
Channel	201-28	101	VT2PRIB	68.3	47.8	96.0	8.9	72.7	3.4	20.3	56.8	307.5	--
Dairyland Seed Co.	DS-9090SSX	90	SSX	65.5	39.5	85.1	8.4	73.5	3.0	17.1	57.0	245.3	--
Dairyland Seed Co.	DS-6091	91	RR	65.5	48.7	95.9	8.8	74.0	2.8	19.5	58.7	264.4	--
Dairyland Seed Co.	DS-7294	94	3110	68.0	55.4	102.3	10.1	72.7	2.9	18.9	59.2	298.5	--
Dairyland Seed Co.	DS-9599	99	3000GT	68.3	51.4	98.0	9.3	73.1	3.0	21.0	56.8	289.1	272.8
Innotech	IC4521-3110A	95	Agrisure/Vip/3110	65.5	48.7	98.6	9.8	73.0	2.7	18.5	58.2	283.8	--
Innotech	IC4688-3120	96	Agrisure/3120	69.3	51.9	97.9	8.7	73.9	2.8	19.3	56.9	304.8	--
Integra	4652	96	VT2P	64.3	40.6	89.8	9.1	73.2	3.0	20.0	58.5	262.5	--
Latham	LH4437	94	VT2P	65.0	41.2	91.3	9.2	72.8	3.2	19.8	57.2	282.9	--
Latham	LH4645	96	VT2P	66.3	43.4	92.4	9.4	72.6	3.2	19.2	57.5	279.2	--
Latham	LH4727	97	VT2P	68.5	46.0	96.3	9.1	72.4	3.3	19.1	57.1	291.1	283.3
Latham	LH4919	99	SS	69.8	47.6	96.5	9.4	72.8	3.3	22.2	57.6	316.6	--
Legacy Seeds	L-3416	94	VT2P RIB	64.5	39.4	91.5	8.9	72.7	3.3	19.5	57.5	266.2	249.6
Legacy Seeds	L-3517	95	VT2P RIB	67.5	44.7	93.3	9.6	71.8	3.6	20.7	58.4	298.6	--
Legacy Seeds	L3626	96	VT2P RIB	65.8	45.8	92.0	9.2	72.4	3.4	20.2	56.6	295.1	--
Legacy Seeds	L3715	96	GENSS RIB	66.0	45.5	91.5	8.9	73.5	2.9	19.2	58.0	266.9	259.7
MEAN				67.1	45.9	94.6	9.1	72.7	3.2	19.9	57.3	283.5	--
C.V. (%)				1.4	4.2	2.1	1.9	0.5	5.1	4.5	1.0	5.1	--
LSD 0.10				1.1	2.3	2.4	0.2	0.4	0.2	1.0	0.7	16.9	--
LSD 0.05				1.3	2.7	2.8	0.2	0.5	0.2	1.3	0.8	20.2	--

**Planting Date= May 5; Harvest Date=October 25; Previous Crop= Soybeans**

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**Dickey County - Oakes (Page 2 of 3)**

Brand	Hybrid	RM	Hybrid Traits <sup>1</sup>	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Content			Test Weight lb/bu	--Grain Yield--	
								Starch %	Oil %	Moisture %		2017 bu/ac	2 yr. Avg. bu/ac
Legacy Seeds	L-3712	96	VT2P RIB	67.5	43.0	91.2	9.1	72.4	3.4	19.9	58.3	275.9	--
Legacy Seeds	L3816	99	VT2P RIB	67.5	41.0	93.3	8.6	72.4	3.4	22.1	55.7	291.2	--
Legacy Seeds	L3916	99	GENSS RIB	68.8	50.4	100.6	9.2	72.7	3.4	20.3	58.0	287.3	--
Nutech/G2	5F-196			67.5	47.7	97.2	8.7	72.4	3.2	19.9	55.1	296.6	282.0
Nutech/G2	5FB-5096			66.5	42.0	88.2	9.0	73.0	3.2	20.9	56.7	256.0	--
Nutech/G2	5FN-7099		AM	70.0	44.5	93.5	9.0	72.0	3.4	22.3	52.7	289.7	--
Nutech/G2	5F-198		AM	67.5	45.2	97.0	8.7	72.2	3.4	18.9	53.8	306.4	291.9
Peterson Farms Seed	76S92	96	VT2P	67.3	42.8	93.8	9.1	72.4	3.6	19.1	58.4	262.7	251.0
Peterson Farms Seed	81W95	95	SmartStax	66.3	43.6	96.0	9.2	72.6	3.3	19.5	56.9	282.0	--
Peterson Farms Seed	77P94	94	VT2P	65.0	39.4	92.5	9.0	73.0	3.2	19.7	57.2	275.7	253.3
Peterson Farms Seed	78B98	98	VT2P	66.8	46.1	94.2	9.1	72.6	3.3	20.8	56.7	284.5	--
Proseed	1595	95	VT2P	65.3	39.5	88.8	9.0	73.2	3.0	19.3	58.7	261.3	--
Proseed	GX695	95	3110 VIP	68.0	55.4	101.7	10.1	72.2	3.0	19.5	59.0	289.6	--
Proseed	1598	98	VT2P	68.8	49.1	95.8	9.1	72.5	3.1	19.2	56.9	289.3	--
Proseed	16101	101	VT2P	68.0	43.3	92.8	9.1	72.0	3.6	21.9	57.3	304.3	--
REA	4B931-RIB	93	VT2PRO	65.8	44.0	92.9	8.9	73.1	3.1	19.2	57.0	282.2	264.8
REA	4B973	97	VT2PRO	66.8	40.8	91.4	9.8	72.2	3.4	19.1	58.6	280.1	--
REA	5A982-RIB	98	SmartStax	68.5	48.8	97.0	8.7	72.4	3.6	21.3	57.7	288.3	263.0
Renk	RK433RR	92	RR2	67.8	47.7	96.3	9.1	72.6	3.4	19.3	58.0	275.5	--
MEAN				67.1	45.9	94.6	9.1	72.7	3.2	19.9	57.3	283.5	--
C.V. (%)				1.4	4.2	2.1	1.9	0.5	5.1	4.5	1.0	5.1	--
LSD 0.10				1.1	2.3	2.4	0.2	0.4	0.2	1.0	0.7	16.9	--
LSD 0.05				1.3	2.7	2.8	0.2	0.5	0.2	1.3	0.8	20.2	--

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								Starch %	Oil %			2017 bu/ac	2 yr. Avg. bu/ac
Renk	RK522SSTX	94	SSTX	67.3	44.5	94.8	9.1	72.7	3.3	19.9	56.8	268.0	256.5
Renk	RK566SSTX	94	SSTX	66.5	43.8	91.7	8.9	73.4	2.9	19.5	57.7	270.0	256.0
Renk	RK568VT3P	95	VT3P	67.3	44.0	92.9	9.2	72.4	3.4	20.6	57.8	265.2	259.9
Rob-See-Co	RC4343-3110A	93	Agrisure/Vip/3220A	67.3	56.3	100.8	9.8	72.9	2.8	18.5	58.7	287.6	271.4
Rob-See-Co	RC4453-3110	94	Agrisure/Vip/3110A	67.5	54.3	100.2	10.1	72.7	2.9	18.7	59.1	287.7	--
Rob-See-Co	RC4915-3120	99	Agrisure/3120	71.0	59.2	103.8	8.9	72.1	3.6	21.8	53.0	304.7	--
MEAN				67.1	45.9	94.6	9.1	72.7	3.2	19.9	57.3	283.5	--
C.V. (%)				1.4	4.2	2.1	1.9	0.5	5.1	4.5	1.0	5.1	--
LSD 0.10				1.1	2.3	2.4	0.2	0.4	0.2	1.0	0.7	16.9	--
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<sup>1</sup> Hybrid traits as reported by seed company when hybrids submitted for evaluation.