

NDSU Carrington Research Extension Center  
Oakes Irrigation Research Site  
2010 Variety Trial Data

**Corn - Irrigated**

**Dickey County - Oakes (Page 1 of 2)**

Brand	R.M.	Hybrid	Silk Date	Ear Height inch	Plant Height inch	Grain Protein %	Grain Starch %	Grain Oil %	Harvest Moisture %	Test Weight lb/bu	-----Grain Yield <sup>1</sup> -----		
											2010	2-yr Avg. bu/ac	3-yr Avg.
Pioneer	94	38M58	7/15	45.1	92.3	8.2	74.1	14.7	15.3	59.9	203.1	214.1	--
Pioneer	99	37K11	7/18	43.5	96.1	8.9	73.2	16.4	16.4	56.8	236.8	232.0	--
Pioneer	102	36V53	7/18	44.5	95.0	8.8	73.0	17.1	17.2	57.2	260.0	249.7	--
Dairyland Seed	94	ST-9594	7/17	38.8	94.5	8.5	73.5	14.8	15.1	59.8	203.5	219.8	210.1
Dairyland Seed	92	ST-6992	7/15	37.6	89.9	8.4	73.8	15.0	14.9	58.2	220.7	225.4	--
Dairyland Seed	95	ST-9395	7/19	45.4	92.4	8.1	74.1	15.0	14.4	57.9	221.9	228.1	--
Dairyland Seed	94	ST-6494	7/18	40.4	95.9	8.0	74.3	15.1	14.4	57.9	202.7	--	--
Hyland Seeds	87	HL CVR34	7/15	33.6	87.7	8.4	74.2	14.4	14.3	58.1	195.6	--	--
Hyland Seeds	87	8234	7/15	35.2	88.4	8.5	74.0	14.3	14.4	58.2	174.1	--	--
Hyland Seeds	87	HL B32R	7/13	39.7	90.2	8.8	74.6	14.3	14.1	58.6	197.3	--	--
Hyland Seeds	90	HL CVR48	7/16	42.5	95.9	8.2	73.9	14.7	15.4	60.6	199.2	210.7	--
Hyland Seeds	92	HL CVR54	7/18	45.9	93.3	7.9	74.5	14.8	14.4	58.5	231.4	237.1	227.7
Proseed	94	894 VT3	7/19	44.7	93.0	8.1	74.2	15.3	14.5	58.4	224.4	224.1	219.0
Fill			7/20	41.0	96.5	8.4	73.5	16.5	16.6	58.2	251.3	--	--
Proseed	96	896 VT3	7/17	41.9	94.3	8.7	74.2	15.9	16.5	59.7	211.7	212.8	--
Proseed	94	794 3000GT	7/17	43.7	94.3	8.8	74.5	14.9	14.7	57.9	202.6	209.6	214.3
North Star Genetics	87	NS87-102	7/15	36.2	83.8	9.3	73.1	14.2	14.1	59.1	178.9	--	--
North Star Genetics	84	NS84-101	7/15	35.1	83.8	8.7	74.1	14.1	14.6	59.0	191.3	--	--
Renk	91	RK434RR	7/17	37.7	92.5	8.3	73.7	14.5	14.6	58.3	220.7	227.2	--
Renk	95	RK501VT3	7/17	45.0	90.5	8.6	73.5	15.1	15.1	59.2	223.1	226.8	--
Renk	95	RK570VT3	7/19	45.3	93.4	7.8	74.3	14.9	14.6	58.0	223.3	236.9	225.9
Renk	95	RK559VT3P	7/17	44.8	90.5	8.4	74.1	15.5	15.9	59.0	212.1	--	--
PFS	97	53B97	7/15	38.9	92.3	8.7	74.2	15.5	15.9	59.7	195.2	205.2	211.0
PFS	95	48Q95	7/17	42.0	90.4	8.7	74.6	14.2	14.4	57.6	209.6	--	--
Integra	95	9453VT3	7/17	39.7	94.7	8.2	74.0	15.3	15.0	58.3	206.7	211.9	--
Integra	97	9472VT3	7/17	42.8	87.7	8.5	73.8	15.0	15.4	59.0	190.3	203.1	--
Fill			7/19	47.9	100.5	8.4	73.7	16.2	16.6	58.2	251.5	--	--
Seeds 2000	99	9901 VT3	7/17	40.2	93.6	8.8	73.6	15.5	16.1	59.9	219.2	223.0	222.8
Seeds 2000	96	9602 G3	7/17	44.2	95.1	8.8	74.5	15.1	14.7	57.7	220.4	--	--
Seeds 2000	95	9502 VT3	7/17	37.2	91.9	8.2	74.0	15.5	15.3	58.4	212.4	217.2	--
Seeds 2000	98	2982GT	7/19	48.5	98.2	8.8	73.2	16.1	15.5	57.8	244.4	--	--
Mean				41.9	92.6	8.6	73.8	15.4	15.4	58.5	219.9	--	--
C.V. (%)				6.08	2.73	2.1	0.5	3.3	2.05	0.7	6.15	--	--
LSD 0.05				3.561	3.535	0.3	0.5	0.7	0.4	0.6	18.9	--	--

**Planting Date = April 23; Harvest Date = Oct. 21; Previous Crop = Soybean**

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											2010	2-yr Avg. bu/ac	3-yr Avg.
NuTech	95	5N-695 GT/CB/LL/RW	7/18	47.1	94.7	9.0	73.6	15.5	15.0	58.9	230.7	--	--
NuTech	97	5N-197 GT/CB/LL/RW	7/19	49.2	98.7	8.7	73.1	15.5	15.2	58.0	235.2	--	--
NuTech	101	3T-401 VT3	7/20	47.8	101.8	8.5	73.6	16.1	16.5	58.4	247.9	--	--
G2 Genetics	95	5X-895 RR/HXT	7/18	39.6	94.5	8.2	73.8	16.9	16.0	56.3	235.1	--	--
G2 Genetics	96	5H-696 RR/HX	7/18	43.2	92.0	9.2	73.4	17.0	16.3	57.5	255.3	--	--
G2 Genetics	97	5H-597 RR/HX	7/18	45.7	97.9	8.8	73.5	16.5	16.1	57.9	243.0	--	--
G2 Genetics	97	5H-797 RR/HX	7/17	37.5	91.9	8.6	73.5	16.5	16.4	57.1	226.6	--	--
G2 Genetics	98	5X-598 RR/HXT	7/17	50.2	98.2	8.9	73.2	16.7	16.5	56.8	231.5	--	--
G2 Genetics	98	5X-598A RR/HXT	7/18	50.8	96.6	8.8	73.1	16.8	16.7	56.6	231.4	--	--
G2 Genetics	99	5H-999 RR/HX	7/16	40.0	89.5	8.8	74.1	16.7	16.8	58.8	227.4	--	--
G2 Genetics	100	5X-500 RR/HXT	7/18	47.4	95.6	8.1	74.8	15.3	15.6	59.1	238.5	--	--
G2 Genetics	100	5H-700 RR/HX	7/18	36.7	86.6	8.5	73.8	16.7	17.3	59.2	240.3	--	--
G2 Genetics	101	5H-501 RR/HX	7/18	48.0	102.1	8.7	73.5	17.4	17.5	58.3	251.6	245.5	--
Channel	89	189-59VT3 Brand	7/15	36.4	90.2	9.1	72.8	14.8	14.9	58.7	210.2	--	--
Channel	90	190-21VT3P Brand	7/15	32.8	83.5	8.4	73.6	15.1	15.5	59.0	197.2	--	--
Dekalb	92	DKC42-72	7/14	38.5	87.6	8.5	74.7	14.6	14.7	58.6	206.8	--	--
Dekalb	98	DKC48-37	7/15	41.1	90.4	8.4	74.1	15.0	15.4	60.3	220.7	219.2	--
Dekalb	100	DKC50-66	7/15	42.9	94.2	8.3	74.2	15.0	15.5	59.0	225.0	--	--
Dekalb	95	DKC45-52	7/15	37.2	90.5	8.6	73.7	15.1	15.4	59.7	209.3	--	--
Wensman Seed	90	W 8107VT2PRO	7/15	40.5	91.6	8.2	74.2	14.3	14.2	58.7	202.9	--	--
Wensman Seed	92	W 6114GTCBLL	7/15	34.4	84.5	9.7	73.4	14.3	14.3	58.5	206.3	--	--
Wensman Seed	95	W 8180STX	7/18	44.0	98.2	8.7	73.7	15.9	15.9	58.9	222.0	228.4	--
Wensman Seed	96	W 7230VT3	7/18	38.9	90.8	9.6	72.2	15.4	15.0	58.6	213.1	--	--
Wensman Seed	97	W 7267VT3	7/20	43.3	87.4	8.7	73.5	15.8	14.9	58.3	235.8	230.3	236.7
Wensman Seed	97	W 7268VT3	7/18	41.5	92.4	8.1	74.0	15.4	15.4	58.7	228.7	--	--
Wensman Seed	98	W 7273VT3	7/19	42.9	86.9	8.7	73.6	15.8	15.0	57.8	222.0	224.1	222.9
Wensman Seed	99	W 7289VT3	7/16	41.2	94.7	8.6	73.9	15.8	16.4	59.7	223.7	227.7	221.3
Mean				41.9	92.6	8.6	73.8	15.4	15.4	58.5	219.9	--	--
C.V. (%)				6.08	2.73	2.1	0.5	3.3	2.05	0.7	6.15	--	--
LSD 0.05				3.561	3.535	0.3	0.5	0.7	0.4	0.6	18.9	--	--

<sup>1</sup>Moisture adjusted to 15.5%.

**Planting Date = April 23; Harvest Date = Oct. 21; Previous Crop = Soybean**