

**NDSU Carrington Research Extension Center
2009 Variety Trial Data**

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

Brand	Hybrid	R.M.	Silk Date	Ear Height inch	Plant Height inch	Grain Protein %	Grain Starch %	Grain Oil %	Harvest Moisture %	Test Weight lb/bu	---- Grain Yield ----	
											2009	2-yr. Avg. bu/ac
Kruger	K-1286RR	86	7/23	53.8	99.8	9.5	69.6	3.1	16.8	57.9	213.0	--
Kruger	K-6388VT3	88	7/22	50.5	92.5	8.4	69.6	3.0	16.4	58.8	197.8	--
Kruger	K-2090RR/YGCB	90	7/24	53.3	99.0	7.7	69.8	3.3	16.6	57.4	210.1	191.5
Kruger	K-6490VT3	90	7/25	55.0	100.8	8.1	69.7	3.6	16.6	56.9	224.5	--
Kruger	K-6093VT3	93	7/23	51.0	93.5	7.6	69.8	3.6	17.2	54.9	215.9	205.6
Kruger	K-6295VT3	95	7/25	55.3	102.8	8.0	69.6	3.7	18.4	54.8	229.2	--
Kruger	K-6097VT3	97	7/28	52.5	99.3	8.2	69.3	3.8	18.0	53.0	232.0	232.4
Kruger	K-6298VT3	98	7/24	52.3	98.5	8.5	69.0	3.8	19.6	54.1	224.3	213.0
Kruger	K-6499VT3	99	7/29	53.8	96.5	8.5	69.1	3.8	20.5	52.6	236.5	243.2
Kruger	K-6200VT3	100	7/24	55.3	100.3	7.9	69.5	3.7	17.8	55.6	230.4	--
Pioneer	38H08	92	7/23	59.8	95.8	7.6	70.0	3.0	16.6	53.7	213.3	207.4
Pioneer	38M58	94	7/23	58.8	99.0	7.3	70.4	3.4	16.9	56.7	225.2	--
Pioneer	37K11	99	7/28	55.3	101.0	8.4	68.1	4.4	19.3	51.6	227.2	--
Pioneer	36V53	99	7/27	58.5	104.3	8.2	69.0	4.1	20.5	52.0	239.3	--
Hyland Seeds	HL CVR54	92	7/28	55.3	101.3	8.0	69.0	4.6	17.4	54.2	242.8	225.8
Hyland Seeds	HL CVR68	98	7/25	54.5	100.3	8.3	70.0	3.5	18.7	55.3	229.4	--
Hyland Seeds	HL CVR48	88	7/25	56.8	103.5	8.1	69.2	3.8	17.1	57.4	222.2	--
Hyland Seeds	HL CVR74	100	7/31	55.3	97.8	8.7	68.4	4.2	20.9	51.6	220.9	--
Hyland Seeds	HL B49R	100	7/29	53.5	97.3	8.2	68.8	4.1	19.7	52.7	222.4	--
Proseed	793CBLLGT	93	7/24	54.0	97.3	8.3	70.1	3.3	19.9	53.8	209.6	211.9
Proseed	794CBLLGT	94	7/26	56.8	97.8	8.3	69.2	3.3	17.2	54.8	216.7	220.1
Mean			7/26	54.5	99.5	8.1	69.5	3.6	18.5	54.7	224.7	--
CV%			0.0	3.6	2.9	4.2	0.9	6.9	5.8	1.3	7.3	--
LSD.05			1.2	2.7	4.0	0.5	0.8	0.3	1.5	1.0	22.8	--

Planting Date = April 28; Harvest Date = November 19; Previous Crop = Soybean.

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Brand	Hybrid	R.M.	Silk Date	Ear Height inch	Plant Height inch	Grain Protein %	Grain Starch %	Grain Oil %	Harvest Moisture %	Test Weight lb/bu	---- Grain Yield ----	
											2009	2-yr. Avg. bu/ac
Proseed	894VT3	94	7/28	53.5	100.3	7.8	69.3	3.8	17.3	54.9	223.8	216.3
Proseed	896VT3	96	7/24	55.0	102.5	8.0	70.1	3.4	18.4	56.9	214.0	--
Dairyland Seed	ST-9789	89	7/24	51.8	99.8	8.3	69.9	3.7	17.6	55.7	221.6	--
Dairyland Seed	ST-7790	90	7/25	51.8	95.3	7.8	68.0	3.8	17.4	57.1	202.9	--
Dairyland Seed	ST-6992	92	7/25	52.8	96.3	8.0	69.3	3.8	17.2	55.9	230.0	--
Dairyland Seed	ST-9594	94	7/26	54.3	101.0	8.4	69.1	3.8	17.9	56.0	236.0	213.4
Dairyland Seed	ST-9395	95	7/29	55.8	100.0	7.8	68.9	4.0	17.3	54.4	234.4	--
Dairyland Seed	ST-9597Q	95	7/29	56.3	101.0	8.3	69.2	3.7	20.0	53.1	224.9	--
Renk	RK302CBLL	89	7/25	56.5	100.0	8.0	69.7	3.1	15.8	57.7	216.1	--
Renk	RK434RRYGCB	92	7/24	54.3	99.0	7.8	70.2	3.5	18.0	56.9	233.6	--
Renk	RK501VT3	95	7/26	55.3	99.0	8.1	69.2	3.8	18.9	54.6	230.6	226.4
Renk	RK570VT3	96	7/29	54.8	98.3	7.9	69.8	3.8	18.7	54.5	250.4	227.2
Seeds 2000	9501VT3	95	7/28	55.8	97.8	7.8	69.0	3.9	17.0	54.4	232.2	214.1
Seeds 2000	9502VT3	95	7/26	53.5	101.8	7.9	69.2	3.7	18.1	55.0	222.1	--
Seeds 2000	2973GT/CB	97	7/25	54.8	97.3	7.9	68.6	3.9	19.6	53.6	214.9	--
Seeds 2000	9901VT3	99	7/26	52.3	98.0	8.3	69.4	3.6	18.7	55.5	226.7	224.6
Gold Country	96-22VT3	96	7/23	54.5	96.5	7.6	70.6	3.2	16.4	56.1	219.1	--
Gold Country	98-10VT3	98	7/29	52.8	96.0	8.5	68.6	3.9	20.4	52.4	233.3	235.8
Gold Country	101-01VT3	100	7/26	51.5	99.5	8.2	69.6	3.6	19.4	54.8	230.5	--
PFS	53B97	97	7/25	53.3	99.5	8.1	69.8	3.5	18.9	56.2	215.1	218.9
PFS	68K95	95	7/27	55.5	98.5	8.4	69.4	3.2	17.3	55.0	209.5	--
Mean			7/26	54.5	99.5	8.1	69.5	3.6	18.5	54.7	224.7	--
CV%			0.0	3.6	2.9	4.2	0.9	6.9	5.8	1.3	7.3	--
LSD.05			1.2	2.7	4.0	0.5	0.8	0.3	1.5	1.0	22.8	--

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

Brand	Hybrid	R.M.	Silk Date	Ear Height inch	Plant Height inch	Grain Protein %	Grain Starch %	Grain Oil %	Harvest Moisture %	Test Weight lb/bu	---- Grain Yield ----	
											2009	2-yr. Avg. bu/ac
Dyna-Gro Seed	D32SS29	100	7/27	53.5	100.8	7.6	69.9	3.6	18.6	54.7	228.7	--
Dyna-Gro Seed	54V78	96	7/28	54.8	101.0	7.8	69.1	3.8	17.0	54.1	228.1	--
Dyna-Gro Seed	54V29	97	7/25	54.5	98.0	8.1	70.0	3.3	17.8	56.5	200.3	--
G2 Genetics	5H-797 RR/HX	97	7/24	56.5	102.0	7.9	70.2	3.2	19.1	53.2	231.9	--
Tester		95	7/25	53.0	103.0	8.3	69.8	3.4	17.7	56.6	208.0	--
G2 Genetics	5H-999 RR/HX	99	7/26	55.0	100.3	8.2	69.9	3.1	19.8	54.8	241.2	--
G2 Genetics	5H-999A RR/HX	99	7/26	54.5	98.8	8.1	70.3	2.8	19.5	55.2	241.2	243.0
Tester		95	7/24	54.5	101.3	7.7	70.4	3.2	17.0	56.9	229.3	--
G2 Genetics	5H-501 RR/HX	101	7/25	55.5	103.5	7.9	69.5	3.5	20.1	53.5	239.5	--
G2 Genetics	5H-702 RR/HX	101	7/25	55.3	102.8	8.1	69.7	3.3	20.4	53.4	246.1	--
G2 Genetics	5X-802 RR/HXT	101	7/27	54.8	100.3	8.1	69.7	3.6	20.9	52.0	225.1	--
NuTech Seed	3T-098 VT3	98	7/29	55.8	98.0	8.1	69.4	3.7	19.6	53.6	220.1	226.9
NuTech Seed	5B-198 GT	98	7/26	55.0	100.5	8.3	68.6	3.9	19.7	53.2	230.4	--
NuTech Seed	5N-398 GT/CB/LL/RW	98	7/27	57.0	99.8	7.9	69.3	4.0	20.1	52.6	228.2	--
NuTech Seed	5X-100 RR/HXT	100	7/30	63.3	107.8	8.1	69.1	4.2	20.4	52.3	233.3	--
NuTech Seed	3T-300 VT3	100	7/27	56.3	104.0	8.2	69.2	3.9	19.2	53.2	235.5	--
NuTech Seed	3T-600 VT3	100	7/26	56.8	104.8	8.7	69.6	3.5	18.8	53.8	224.1	--
NuTech Seed	1N-001 CB/LL/RW	101	7/28	56.3	100.5	8.1	69.3	3.9	20.4	50.8	227.5	--
NuTech Seed	3T-801 VT3	101	7/30	54.3	103.0	7.4	69.1	3.9	20.8	51.2	207.1	--
Dekalb	DKC48-37	98	7/23	52.0	98.0	7.9	69.8	3.5	17.5	56.0	217.8	--
Mean			7/26	54.5	99.5	8.1	69.5	3.6	18.5	54.7	224.7	--
CV%			0.0	3.6	2.9	4.2	0.9	6.9	5.8	1.3	7.3	--
LSD.05			1.2	2.7	4.0	0.5	0.8	0.3	1.5	1.0	22.8	--

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

Brand	Hybrid	R.M.	Silk Date	Ear Height inch	Plant Height inch	Grain Protein %	Grain Starch %	Grain Oil %	Harvest Moisture %	Test Weight lb/bu	---- Grain Yield ----	
											2009	2-yr. Avg. bu/ac
Dekalb	DKC50-35	100	7/25	51.0	98.8	8.4	69.3	3.6	19.2	53.1	234.0	--
Dekalb	DKC50-44	100	7/26	55.8	99.0	7.9	69.9	3.5	19.8	54.4	236.1	234.1
Wensman	W 7143VT3	93	7/26	54.0	99.8	7.8	70.1	3.4	17.3	56.6	210.4	219.5
Wensman	W 8180VT3	95	7/24	51.3	99.3	7.8	69.8	3.5	18.1	56.4	234.9	--
Wensman	W 7267VT3	97	7/29	55.3	98.0	8.6	68.8	3.8	20.0	53.0	224.9	236.9
Wensman	W 7270VT3	97	7/25	50.8	98.8	8.4	69.6	3.6	18.7	54.5	207.8	--
Wensman	W 7273VT3	98	7/29	50.5	93.5	8.7	69.1	3.9	19.0	53.7	226.2	223.4
Wensman	W 7289VT3	99	7/26	54.5	101.0	8.2	69.8	3.6	18.2	55.4	231.7	220.1
Integra Fortified Seed	9453VT3	95	7/26	55.8	101.5	7.8	69.4	3.9	17.6	54.4	217.0	--
Integra Fortified Seed	9472VT3	97	7/26	53.8	98.5	8.5	68.6	4.1	19.7	54.3	215.9	--
Integra Fortified Seed	9480VT3	98	7/26	52.0	97.5	8.1	69.6	3.4	18.7	55.0	218.6	212.2
Terning	8235	93	7/25	52.5	96.5	8.3	69.6	3.4	19.0	54.0	211.6	--
REA	4T297	95	7/25	52.8	99.3	7.7	69.5	3.6	18.0	54.8	216.1	--
REA	4T918	98	7/25	53.0	100.5	8.0	69.9	3.5	20.1	54.2	228.0	--
Crow's	1725	95	7/25	55.5	103.3	7.9	70.0	3.4	18.2	56.4	221.9	--
Crow's	1685	92	7/23	52.8	93.5	8.0	69.4	3.8	18.1	55.5	241.4	--
Mean			7/26	54.5	99.5	8.1	69.5	3.6	18.5	54.7	224.7	--
CV%			0.0	3.6	2.9	4.2	0.9	6.9	5.8	1.3	7.3	--
LSD.05			1.2	2.7	4.0	0.5	0.8	0.3	1.5	1.0	22.8	--

Planting Date = April 28; Harvest Date = November 19; Previous Crop = Soybean.