

**NDSU Carrington Research Extension Center / Oakes Irrigation Research Site  
2013 Variety Trial Data**

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

Brand	Hybrid	R.M.	Hybrid Traits <sup>1</sup>	Silk	Ear	Plant	Root	Stalk	Grain	Starch	Oil	Harvest	Test	Grain
				Date	Height	Height	Lodge	Lodge	Protein	Content	Content	Moistur	Weight	Yield
				July	inch	inch	0 to 9	0 to 9	%	%	%	%	lb/bu	bu/ac
AgVenture	RL4492HBW	92	RRBTRW	23.5	43.0	90.7	0.5	0.8	9.3	73.1	3.1	19.8	54.5	220.2
AgVenture	RL4616HBW	94	RRBTRW	23.8	46.0	95.6	0.3	0.5	8.9	72.5	3.4	18.7	54.4	224.4
AgVenture	RL5671HBW	98	RRBTRW	25.8	44.9	95.0	0.0	0.3	8.5	72.5	3.7	21.9	51.8	257.2
AgVenture	RL5718HBW		RRBTRW	24.5	42.8	94.7	0.3	0.0	8.8	72.9	3.3	19.6	54.0	232.3
Channel	199-29	99	STXRIB	27.0	46.1	97.1	0.3	0.0	8.8	72.3	3.6	21.0	52.7	240.5
Dairyland	DS-9791RA	91	DAS SMARTSTAX	25.5	39.7	91.8	0.0	1.0	8.8	73.4	3.0	17.7	53.8	208.9
Dairyland	DS-9694SSX	94	DAS SMARTSTAX	25.5	42.2	93.8	0.5	1.3	9.1	73.8	2.7	16.3	53.0	204.3
Dairyland	DS-9494RA	94	DAS SMARTSTAX	27.5	48.4	99.7	2.8	0.0	8.9	72.9	3.5	20.2	53.5	213.9
Dairyland	DS-9796	96	3000GT	25.0	42.6	94.7	0.3	0.3	9.5	72.4	3.5	18.7	53.2	228.0
Dairyland	DS-9898RA	98	DAS SMARTSTAX	28.0	46.8	96.1	1.0	1.3	9.0	72.1	4.0	21.7	52.0	237.2
Dairyland	DS-1803	98	CONVENTIONAL	25.5	40.9	87.4	0.0	0.8	8.4	72.7	3.6	18.5	52.3	215.0
Dairyland	DS-9501SSX	101	DAS SMARTSTAX	27.0	43.1	93.6	3.0	0.0	8.9	73.2	3.2	20.4	53.0	219.5
Dekalb	DKC43-10	93	VT2PRO	24.5	44.9	94.9	0.5	0.8	8.7	73.4	3.0	17.0	54.3	213.9
Dekalb	DKC46-20	96	VT3PRO	24.8	42.6	93.8	1.8	0.0	9.0	73.4	2.9	17.3	56.5	213.8
Dekalb	DKC49-29	99	GENSS	26.3	43.4	95.3	0.8	0.0	8.9	72.8	3.3	20.1	54.5	229.5
Dyna-Gro	D35VP40	95	VT3P	23.8	43.3	94.3	0.8	0.0	8.7	73.4	3.0	15.9	53.1	231.9
Dyna-Gro	D37SS71	97	SS	25.5	47.8	100.7	2.3	0.0	9.3	72.5	3.3	20.7	53.2	216.9
Dyna-Gro	D39SS17	99	SS	28.0	44.3	96.7	0.3	0.0	8.8	72.6	3.4	22.5	52.2	229.6
Gold Country Seed	95-33 GEN VT3P		RR/VT3/RIB	25.0	46.0	99.8	1.0	0.3	8.9	73.0	3.2	17.7	55.3	237.9
Gold Country Seed	93-07RSS		RR/VT3/RIB/SS	24.3	42.1	91.9	0.3	0.0	9.0	72.9	3.3	16.4	54.9	235.9
Integra	9455		VT2PRO	24.0	43.5	95.7	0.3	0.0	8.7	73.4	3.1	14.9	53.7	222.8
Nuseed	9001 VP3220	90	Viptera 3220	24.8	50.8	98.8	2.3	0.8	9.6	73.0	2.9	15.3	53.3	230.6
Nuseed	9202 VT2P	92	VT Double Pro	24.0	43.0	95.3	0.3	0.5	8.9	73.1	3.4	16.0	54.3	217.7
MEAN				25.0	44.8	95.4	0.6	0.3	8.9	72.9	3.2	19.0	54.0	226.7
C.V. (%)				2.3	5.2	3.0	178	254	2.8	0.6	5.8	5.1	1.3	6.5
LSD 0.10				0.7	2.7	3.3	1.3	0.8	0.3	0.5	0.2	1.1	0.8	17.0
LSD 0.05				0.8	3.2	3.9	1.5	1.0	0.3	0.6	0.3	1.3	1.0	20.3

**Planting Date = May 14 ; Harvest Date = November 6 ; Previous Crop = Soybean**

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Brand	Hybrid	R.M.	Hybrid Traits <sup>1</sup>	Silk	Ear	Plant	Root	Stalk	Grain	Starch	Oil	Harvest	Test	Grain
				Date	Height	Height	Lodge	Lodge	Protein	Content	Content	Moistur	Weight	Yield
				July	inch	inch	0 to 9	0 to 9	%	%	%	%	lb/bu	bu/ac
Nuseed	9503 VT2P	95	VT Double Pro	24.0	40.5	92.7	0.0	2.0	8.7	72.9	3.3	17.9	53.7	201.5
Nuseed	9504 VT3P	95	VT Triple Pro	22.8	41.6	92.4	0.0	0.0	9.1	73.4	3.1	18.2	54.8	202.8
NuTech	5N-9404	94	GT/CB/LL/RW	25.0	48.8	104.1	0.3	0.8	9.5	72.6	3.3	16.9	54.5	232.3
NuTech	5V-792	94	GT/CB/LL/RW/BL	23.8	45.9	91.0	1.8	0.3	9.2	72.8	3.4	19.5	54.8	203.1
NuTech	5N-9802	98	GT/CB/LL/RW	26.0	48.3	100.3	0.5	0.0	9.1	73.1	3.2	20.9	53.3	226.9
NuTech/G2 Genetic	5X-894	94	HXT/RR2/LL	24.0	44.4	91.6	0.0	0.8	8.8	72.8	3.2	18.1	54.5	213.0
NuTech/G2 Genetic	5X-795	95	HXT/RR2/LL	23.5	50.1	95.4	1.0	0.0	9.0	73.1	3.1	19.2	55.2	214.9
NuTech/G2 Genetic	5Z-9605	96	YGCB/HX1/RR2/LL	21.0	45.7	92.9	0.0	0.8	9.7	72.5	3.3	19.4	54.2	223.9
NuTech/G2 Genetic	3F-198	98	YGCB/HX1/RR2	25.3	47.6	100.7	1.5	0.0	8.7	72.4	3.5	19.2	51.5	258.9
NuTech/G2 Genetic	5X-698	98	HXT/RR2/LL	24.3	47.8	94.1	0.0	0.0	8.9	72.5	3.3	20.7	54.9	238.1
NuTech/G2 Genetic	5H-399	99	HX1/RR2/LL	26.5	47.4	96.6	0.5	0.0	8.4	72.5	3.6	21.4	51.1	258.2
NuTech/G2 Genetic	5Z-200	100	YGCB/HX1/RR2/LL	25.3	46.6	94.8	0.5	1.3	9.5	72.0	3.5	21.4	52.2	234.2
PFS	76S92	92	GENVT2P	25.0	45.7	95.0	0.8	0.0	8.5	73.2	3.3	18.2	55.0	237.7
PFS	55S96	96	GENVT3P	25.5	38.6	89.4	0.3	0.0	8.8	73.0	3.1	18.1	55.1	223.4
PFS	88A97	97	GENSS	25.5	47.3	97.3	0.0	0.5	8.9	73.0	3.1	21.1	52.9	242.0
Proseed	990 GT3000	90	3000GT	24.3	49.4	97.6	1.5	1.0	9.4	73.1	3.0	14.7	53.5	215.8
Proseed	1295 SS	95	SS	25.0	44.5	97.5	1.3	0.3	8.9	73.0	3.3	21.7	54.0	239.7
Proseed	PX 96 SSG	96	SS	23.5	37.8	91.0	0.5	0.3	8.6	73.2	3.2	15.9	54.2	211.2
Proseed	PX 97 SSR	97	SS	26.5	47.9	100.1	0.0	0.0	9.0	73.0	3.2	19.8	54.7	242.5
Rea Hybrids	3A921-RIB	92	GenSS-RIB	26.3	50.0	101.1	3.0	0.0	9.0	73.2	3.1	19.1	54.6	215.7
Rea Hybrids	3A929-RIB	92	VT2P-RIB	24.3	43.9	95.3	1.3	0.0	9.0	73.3	3.1	18.9	55.5	231.8
Rea Hybrids	4B285-RIB	93	VT2P-RIB	23.3	43.1	92.5	0.0	0.3	8.6	73.6	2.9	17.4	53.8	215.3
Rea Hybrids	4B941-RIB	94	VT2P-RIB	25.3	44.1	96.4	1.0	0.0	8.8	73.3	3.1	18.4	54.9	223.4
MEAN				25.0	44.8	95.4	0.6	0.3	8.9	72.9	3.2	19.0	54.0	226.7
C.V. (%)				2.3	5.2	3.0	178	254	2.8	0.6	5.8	5.1	1.3	6.5
LSD 0.10				0.7	2.7	3.3	1.3	0.8	0.3	0.5	0.2	1.1	0.8	17.0
LSD 0.05				0.8	3.2	3.9	1.5	1.0	0.3	0.6	0.3	1.3	1.0	20.3

Planting Date = May 14 ; Harvest Date = November 6 ; Previous Crop = Soybean

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

Brand	Hybrid	R.M.	Hybrid Traits <sup>1</sup>	Silk	Ear	Plant	Root	Stalk	Grain	Starch	Oil	Harvest	Test	Grain	
				Date	Height	Height	Lodge	Lodge	Protein	Content	Content	Moistur	Weight	Yield	
				July	inch	inch	0 to 9	0 to 9	%	%	%	%	lb/bu	bu/ac	
Rea Hybrids	4A950-RIB	95	GenSS-RIB	25.5	50.1	98.8	0.8	0.0	9.3	73.3	3.0	20.0	55.9	217.6	
Rea Hybrids	4A654-RIB	96	GenSS-RIB	24.5	42.1	93.8	0.0	0.0	8.9	73.3	3.0	19.4	54.4	213.5	
Rea Hybrids	4A971-RIB	97	GenSS-RIB	24.8	45.1	97.3	0.0	0.0	9.0	73.1	3.0	19.1	54.7	232.0	
Rea Hybrids	5A980-RIB	98	GenSS-RIB	25.0	43.3	94.4	0.0	0.0	9.5	72.4	3.4	20.1	56.1	226.4	
Renk	RK522SSTX	94	SSTX	24.3	46.3	98.2	0.5	0.5	8.8	72.8	3.4	19.3	53.0	240.9	
Renk	RK557SSTX	95	SSTX	25.5	45.6	98.4	0.3	0.0	9.0	73.1	2.9	21.3	54.0	234.4	
Renk	RK568VT3P	95	VT3P	25.0	42.8	93.1	0.0	0.0	8.9	73.0	3.2	18.7	55.0	234.4	
Thunder	7993 VT2P RIB	92	VT2P RIB	25.3	43.4	94.4	0.3	0.0	8.6	73.2	3.3	18.7	55.0	225.4	
Thunder	7396VT2P RIB	96	VT2 RIB	25.0	47.3	94.7	0.0	0.0	9.4	72.8	3.2	17.1	53.2	243.1	
Thunder	103-97SS	97	SMART STAX	25.8	46.5	98.6	0.0	0.3	8.9	73.2	3.1	18.7	54.4	236.3	
Wensman	W 7140VT3PRIB	93	VT3PRIB	23.0	40.1	96.4	0.0	0.0	8.9	73.1	3.3	19.2	55.6	220.5	
Wensman	W 70975VT3PRO	95	VT3PRP	24.8	41.4	92.7	0.3	0.0	8.9	73.3	3.1	17.5	55.7	216.1	
Wensman	W 8184VT2RIB	95	VT3PRP	25.5	42.5	93.5	0.3	0.0	9.0	73.1	3.0	19.2	54.9	215.7	
Wensman	W 90967STX	96	STX	24.5	43.8	93.1	0.0	0.0	9.1	73.2	3.0	19.7	54.4	212.8	
Wensman	W 9288STXRIB	98	STXRIB	26.0	46.1	96.4	0.0	0.0	8.6	72.5	3.6	21.8	52.4	248.7	
Wensman	W 7290VT3PRIB	99	VT3PRIB	25.3	43.1	95.7	1.0	0.0	8.6	73.0	3.3	21.0	53.9	243.8	
Wensman	W 7320VT3PRIB	101	VT3PRIB	25.3	47.3	94.1	0.8	0.5	9.0	72.2	3.7	22.9	53.5	235.4	
MEAN				25.0	44.8	95.4	0.6	0.3	8.9	72.9	3.2	19.0	54.0	226.7	
C.V. (%)				2.3	5.2	3.0	178	254	2.8	0.6	5.8	5.1	1.3	6.5	
LSD 0.10				0.7	2.7	3.3	1.3	0.8	0.3	0.5	0.2	1.1	0.8	17.0	
LSD 0.05				0.8	3.2	3.9	1.5	1.0	0.3	0.6	0.3	1.3	1.0	20.3	

**Planting Date = May 14 ; Harvest Date = November 6 ; Previous Crop = Soybean**

<sup>1</sup> Hybrid traits as reported by seed company when hybrids submitted for evaluation.

\* Four (4) replications were utilized to record each of the traits reported.