

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

Corn - Dryland **Dickey County - Fullerton (Page 1 of 4)**

Brand	Hybrid	R.M.	Hybrid Traits ¹	Jday of Silk ²	Ear Height inch	Plant Height inch	Root Lodge 0 to 9	Stalk Lodge 0 to 9	Grain Protein %	Starch Content %	Oil Content %	Harvest	Test Weight lb/bu	Grain Yield bu/ac
												Moistur e %		
Channel	192-08	92	VT2PRIB	210.0	40.6	76.3	0.8	0.8	12.1	72.1	2.5	15.9	53.5	86.7
Channel	193-34	93	VT2PRIB	208.5	41.4	80.3	0.0	1.0	11.0	72.7	2.8	15.8	55.5	98.6
Channel	196-06	96	VT3P	210.8	33.9	65.8	0.3	0.0	11.9	72.7	2.3	16.8	51.2	82.4
Channel	199-29	99	STXRIB	213.8	38.4	70.7	2.3	0.5	10.9	72.6	2.7	19.1	52.1	91.7
Dairyland	DS-9791RA	91	DAS SMARTSTAX	213.8	38.1	72.4	0.5	0.3	11.3	72.2	2.9	18.3	54.4	79.1
Dairyland	DS-9694SSX	94	DAS SMARTSTAX	213.5	38.8	71.4	2.8	0.0	11.2	72.9	2.5	19.2	53.8	78.8
Dairyland	DS-9796	96	3000GT	214.5	38.2	73.8	0.3	0.0	12.8	71.2	3.0	20.8	53.2	79.5
Dairyland	DS-9898RA	98	DAS SMARTSTAX	215.0	43.4	77.4	2.0	0.5	10.9	71.4	3.9	25.5	51.1	74.7
Dyna-Gro	D35VP40	95	VT3P	207.3	38.3	71.9	0.0	0.3	12.3	72.6	2.0	12.9	50.9	91.4
Dyna-Gro	D37SS71	97	SS	212.0	38.3	77.1	0.8	0.3	11.9	72.1	2.6	17.8	53.0	71.4
Dyna-Gro	D39SS17	99	SS	213.8	39.4	73.2	0.0	4.3	10.9	72.8	2.5	23.3	49.4	86.6
Funk's Frontiersman	090-R4	90	3000GT	211.5	42.6	76.1	1.0	0.0	11.9	72.6	2.1	13.6	52.1	82.1
Funk's Frontiersman	091-E3	91	VT3P RIB	206.3	37.3	71.8	0.0	1.0	11.6	73.1	2.0	15.2	54.6	94.7
Funk's Frontiersman	091-C3	91	VT2P RIB	206.8	34.6	70.7	0.0	2.3	12.2	72.0	2.4	14.6	51.9	88.1
Hyland Seeds	8315RA	92	SSX-RA	212.5	38.4	76.3	1.0	0.5	11.5	72.4	2.7	16.8	54.0	82.4
Hyland Seeds	4398	96	3000GT	212.8	40.5	75.4	1.3	0.3	12.8	71.8	2.5	17.4	53.9	82.8
Hyland Seeds	8450RA	98	SSX-RA	215.0	40.8	74.1	3.0	0.0	11.0	71.7	3.7	25.2	51.3	80.0
Integra	9455		VT2PRO	206.8	38.2	72.4	0.0	0.8	11.7	72.5	2.2	12.8	51.1	90.9
Legend Seeds	LR 9090	90	VIP3110	213.5	41.2	72.7	4.0	0.0	12.0	72.4	2.2	17.1	51.8	73.7
Legend Seeds	LR 9391	91	GENSS	209.5	38.9	74.0	0.0	1.3	12.2	72.1	2.4	16.2	52.0	81.4
Legend Seeds	40J392	92	VT2PRIB	209.5	38.5	76.9	0.0	0.5	12.4	72.3	2.2	14.0	52.7	81.4
Legend Seeds	LR 9495	95	VT3PRIB	211.3	36.8	71.2	0.0	0.3	12.6	71.8	2.4	19.2	54.4	83.0
Legend Seeds	LR 9397	97	VT2PRIB	206.8	36.3	75.1	0.0	0.3	11.9	72.7	2.4	15.6	52.9	101.5
MEAN				211.0	38.7	73.4	0.7	0.8	11.8	72.3	2.5	17.2	52.7	86.4
C.V. (%)				4.2	6.8	5.8	158	158	2.8	0.4	8.5	10.1	1.6	16.4
LSD 0.10				1.5	3.1	4.9	1.3	1.4	0.4	0.38	0.2	2.0	1.0	16.4
LSD 0.05				1.7	3.7	5.9	1.5	1.7	0.5	0.44	0.3	2.4	1.1	19.6

Planting Date = May 10 ; Harvest Date = November 5 ; Previous Crop = Soybean

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2013 Variety Trial Data**

Corn - Dryland **Dickey County - Fullerton (Page 2 of 4)**

Brand	Hybrid	R.M.	Hybrid Traits ¹	Jday of Silk ²	Ear Height inch	Plant Height inch	Root Lodge 0 to 9	Stalk Lodge 0 to 9	Grain Protein %	Starch Content %	Oil Content %	Harvest	Test Weight lb/bu	Grain Yield bu/ac
												Moistur e %		
Mustang	3291	91	VT2P	207.5	40.7	76.6	0.0	2.8	11.8	72.6	2.4	15.6	53.4	93.5
Mustang	3893	93	GEN SS	208.0	40.9	77.5	0.8	2.0	12.2	72.9	2.0	14.4	54.1	91.4
Mustang	4695	95	VT3P	211.8	35.5	67.5	0.0	0.3	12.1	72.1	2.4	18.1	54.4	84.0
Mycogen Seeds	X12403GM	96	GT3000	214.5	40.7	75.4	0.0	0.0	12.9	71.1	3.1	21.1	52.9	68.9
Mycogen Seeds	2H456	97	VT3	210.3	40.7	74.1	1.8	0.0	12.0	72.6	2.3	17.7	52.8	93.6
Mycogen Seeds	2Y479	98	SSX/RA	215.0	41.8	76.9	1.8	0.0	11.0	71.3	3.9	25.0	52.1	76.1
Northstar Genetics	Viking VS86-536	86	VT2PRIB	205.0	33.6	73.3	0.0	0.0	12.0	72.0	2.7	13.1	56.1	94.4
Northstar Genetics	Viking VS88-116	88	VT2PRIB	208.0	42.3	80.9	0.3	2.0	12.8	71.4	2.7	14.4	55.0	88.8
Northstar Genetics	Viking VS90-590	90	VT2PRIB	207.5	34.4	72.5	0.0	2.0	11.9	72.2	2.4	14.2	51.3	91.5
Nuseed	9001 VP3220	90	Viptera 3220	214.0	43.7	74.6	4.0	0.0	11.8	72.6	2.2	17.9	52.5	78.9
Nuseed	9202 VT2P	92	VT Double Pro	209.3	36.1	74.8	0.0	0.8	12.1	72.4	2.3	13.4	52.0	89.4
Nuseed	9503 VT2P	95	VT Double Pro	210.0	37.6	76.5	0.0	1.8	11.3	73.0	2.2	15.6	53.5	87.7
Nuseed	9504 VT3P	95	VT Triple Pro	206.0	35.0	71.6	0.0	0.0	11.8	72.8	2.4	15.9	52.7	96.0
NuTech	5N-9404	94	GT/CB/LL/RW	212.0	42.3	77.8	1.0	0.0	12.7	71.7	2.5	17.7	53.3	77.3
NuTech	5N-9802	98	GT/CB/LL/RW	213.3	43.0	75.3	0.8	1.3	11.1	72.5	2.7	21.2	49.8	90.2
NuTech/G2 Genetic	5X-894	94	HXT/RR2/LL	209.8	37.9	70.9	0.5	0.5	12.0	72.3	2.0	14.8	52.0	86.5
NuTech/G2 Genetic	5X-795	95	HXT/RR2/LL	210.0	43.6	74.4	1.3	2.0	12.1	72.5	2.0	19.6	50.7	71.9
NuTech/G2 Genetic	5Z-9605	96	YGCB/HX1/RR2/LI	206.5	37.4	68.4	0.0	0.0	12.6	71.8	2.2	16.7	51.6	92.9
NuTech/G2 Genetic	3F-198	98	YGCB/HX1/RR2	213.3	39.7	74.3	2.5	0.0	11.7	71.6	3.0	19.2	49.7	87.5
NuTech/G2 Genetic	5X-698	98	HXT/RR2/LL	212.0	40.9	75.9	0.8	0.0	11.6	71.8	2.6	20.8	52.9	88.3
NuTech/G2 Genetic	5H-399	99	HX1/RR2/LL	214.5	38.9	71.3	2.3	0.0	11.2	72.1	3.1	21.6	51.6	84.6
NuTech/G2 Genetic	5Z-200	100	YGCB/HX1/RR2/LI	213.8	38.6	67.9	0.0	0.3	12.6	71.8	2.3	21.5	51.4	77.6
PFS	76S92	92	GENVT2P	212.0	38.6	68.6	0.0	0.5	11.4	72.6	2.5	16.9	52.8	75.0
MEAN				211.0	38.7	73.4	0.7	0.8	11.8	72.3	2.5	17.2	52.7	86.4
C.V. (%)				4.2	6.8	5.8	158	158	2.8	0.4	8.5	10.1	1.6	16.4
LSD 0.10				1.5	3.1	4.9	1.3	1.4	0.4	0.38	0.2	2.0	1.0	16.4
LSD 0.05				1.7	3.7	5.9	1.5	1.7	0.5	0.44	0.3	2.4	1.1	19.6

Planting Date = May 10 ; Harvest Date = November 5 ; Previous Crop = Soybean

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Corn - Dryland

Dickey County - Fullerton (Page 3 of 4)

Brand	Hybrid	R.M.	Hybrid Traits ¹	Jday of Silk ²	Ear Height inch	Plant Height inch	Root Lodge 0 to 9	Stalk Lodge 0 to 9	Grain Protein %	Starch Content %	Oil Content %	Harvest	Test Weight lb/bu	Grain Yield bu/ac
												Moistur e %		
PFS	55S96	96	GENVT3P	211.8	34.9	66.4	0.0	0.5	12.2	72.0	2.4	17.7	54.6	92.8
PFS	88A97	97	GENSS	212.8	40.6	75.6	0.0	1.5	11.8	72.8	1.8	18.1	51.5	92.0
Proseed	990 GT3000	90	3000GT	211.0	43.0	77.6	3.3	0.0	12.1	72.7	2.2	14.6	51.7	96.5
Proseed	1295 SS	95	SS	212.3	38.1	70.6	2.0	0.8	10.8	72.2	3.0	22.8	52.1	78.2
Proseed	PX 96 SSG	96	SS	211.0	33.6	70.8	0.0	1.8	11.3	72.8	2.4	16.5	53.2	80.6
Proseed	PX 97 SSR	97	SS	214.5	41.1	73.5	0.0	1.8	12.4	72.7	2.0	16.9	53.1	66.4
Rea Hybrids	3A921-RIB	92	GenSS-RIB	213.8	36.8	72.1	2.8	4.0	11.9	72.5	2.2	15.5	52.5	70.9
Rea Hybrids	3A929-RIB	92	VT2P-RIB	210.5	38.3	70.8	0.3	0.0	12.2	72.1	2.6	15.4	54.2	89.6
Rea Hybrids	4B285-RIB	93	VT2P-RIB	208.5	36.3	72.1	0.3	2.0	11.7	72.8	2.2	14.5	51.5	85.2
Rea Hybrids	4B941-RIB	94	VT2P-RIB	211.0	39.3	72.8	1.3	0.5	11.5	72.4	2.7	16.6	55.5	98.2
Rea Hybrids	4A950-RIB	95	GenSS-RIB	211.3	42.3	76.1	0.5	0.3	12.4	72.3	2.3	17.5	54.5	88.2
Rea Hybrids	4A654-RIB	96	GenSS-RIB	210.0	35.3	70.8	0.3	0.0	12.2	72.7	2.1	15.4	52.9	89.6
Rea Hybrids	4A971-RIB	97	GenSS-RIB	210.5	37.7	73.1	0.0	1.0	11.8	73.1	1.7	15.8	51.0	95.4
Rea Hybrids	5A980-RIB	98	GenSS-RIB	211.5	38.6	72.6	0.3	0.0	12.1	72.5	2.4	16.1	55.3	98.7
Renk	RK522SSTX	94	SSTX	211.0	37.5	71.6	0.5	1.5	11.5	73.1	2.2	14.4	52.5	92.2
Renk	RK557SSTX	95	SSTX	211.5	39.6	75.2	0.0	2.3	12.2	72.9	1.7	19.5	51.1	83.7
Renk	RK568VT3P	95	VT3P	212.8	33.8	66.0	0.3	0.5	12.0	71.9	2.5	17.5	53.9	87.8
Thunder	7993 VT2P RIB	92	VT2P RIB	212.5	37.2	67.6	0.0	1.3	11.3	72.3	2.7	17.1	52.3	80.2
Thunder	7396VT2P RIB	96	VT2 RIB	211.3	39.1	75.8	0.0	0.0	11.7	72.6	2.4	16.0	51.6	96.7
Thunder	103-97SS	97	SMART STAX	214.0	38.3	71.3	0.0	0.0	12.0	72.8	2.1	16.1	52.4	75.0
Wensman	W 8120VT2RIB	92	VT2RIB	209.3	38.3	79.6	0.3	1.5	11.9	72.2	2.4	13.3	52.3	92.6
Wensman	W 90935VT3PRO	93	VT3PRO	206.5	39.6	74.8	0.5	2.0	12.4	72.3	2.2	12.7	52.6	89.6
Wensman	W 7140VT3PRIB	93	VT3PRIB	208.0	35.9	75.8	0.3	0.3	11.1	72.8	2.7	16.4	54.9	99.4
MEAN				211.0	38.7	73.4	0.7	0.8	11.8	72.3	2.5	17.2	52.7	86.4
C.V. (%)				4.2	6.8	5.8	158	158	2.8	0.4	8.5	10.1	1.6	16.4
LSD 0.10				1.5	3.1	4.9	1.3	1.4	0.4	0.38	0.2	2.0	1.0	16.4
LSD 0.05				1.7	3.7	5.9	1.5	1.7	0.5	0.44	0.3	2.4	1.1	19.6

Planting Date = May 10 ; Harvest Date = November 5 ; Previous Crop = Soybean

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2013 Variety Trial Data**

Corn - Dryland **Dickey County - Fullerton (Page 4 of 4)**

Brand	Hybrid	R.M.	Hybrid Traits ¹	Jday of Silk ²	Ear Height inch	Plant Height inch	Root Lodge 0 to 9	Stalk Lodge 0 to 9	Grain Protein %	Starch Content %	Oil Content %	Harvest	Test Weight lb/bu	Grain Yield bu/ac
												Moistur e %		
Wensman	W8184VT2PRO	95	VT3PRP	211.8	36.4	67.9	0.0	0.8	12.3	71.9	2.4	18.1	53.9	81.3
Wensman	W 7268VT3PRIB	96	VT3PRIB	213.0	39.9	76.6	0.0	0.0	11.1	72.1	2.9	19.5	53.5	99.5
Wensman	W 90967STX	96	STX	208.3	39.5	75.5	1.0	0.0	12.3	72.4	2.1	15.0	53.2	89.8
Wensman	W 9288STXRIB	98	STXRIB	213.0	38.1	70.8	1.0	0.5	10.8	72.6	2.7	20.3	51.8	88.7
Wensman	W 7290VT3PRIB	99	VT3PRIB	212.0	38.7	74.7	0.5	1.0	11.4	72.8	2.4	17.8	52.2	102.3
			MEAN	211.0	38.7	73.4	0.7	0.8	11.8	72.3	2.5	17.2	52.7	86.4
			C.V. (%)	4.2	6.8	5.8	158	158	2.8	0.4	8.5	10.1	1.6	16.4
			LSD 0.10	1.5	3.1	4.9	1.3	1.4	0.4	0.38	0.2	2.0	1.0	16.4
			LSD 0.05	1.7	3.7	5.9	1.5	1.7	0.5	0.44	0.3	2.4	1.1	19.6

Planting Date = May 10 ; Harvest Date = November 5 ; Previous Crop = Soybean

¹ Hybrid traits as reported by seed company when hybrids submitted for evaluation.

² Jday of Silk: Julian day of year when hybrids reached 50% silk. Example: Jday 206 = July 25, Jday 211 = July 30, Jday 214 = August 2.

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