

2010 ND Experiments Conducted by NDSU Corn Breeding Program (NORTHERN ND REGION)

<b>Company</b>	<b>Hybrid</b>	<b>RM</b>	<b>Grain Yield bu/A</b>	<b>Grain Moisture %</b>	<b>Test Weight lb/bu</b>
Hyland Seeds	HL B32R	87	156.2	22.1	50.6
NuTech	5N-186 GT/CB/LL/RW	86	148.0	22.6	53.0
Gold Country	84-24 VT3	84	147.3	22.2	53.3
Wensman Seeds	W 8085VT2PRO	84	146.0	22.2	52.2
Proseed	787 VT3	87	143.1	22.5	52.2
Hyland Seeds	HL B24R	85	138.8	26.1	48.7
Seeds 2000	2823 CBLL	82	136.5	23.9	51.6
Proseed	781 RRBt	83	135.6	26.8	48.6
Proseed	1084 CVT3	82	131.6	21.8	53.2
Monsanto	DEKALB DKC30-20 (VT3)	80	130.4	18.9	57.0
Hyland Seeds	8234	86	128.3	21.9	50.9
Monsanto	DEKALB DKC33-54 (RR2)	83	127.8	20.0	55.7
Hyland Seeds	HL R228	85	126.0	20.9	52.9
NuTech	0A-183	83	125.7	20.5	52.2
NuTech	3T-484 VT3	84	125.4	22.8	51.7
Proseed	981 GTCBLL	81	125.0	20.6	54.7
NuTech	3T-083 VT3	83	124.4	22.2	53.1
G2 Genetics	5H-885 RR/HX	85	122.6	24.5	50.3
Pioneer Hi-Bred	Pioneer 39V07	79	122.6	19.0	53.5
Seeds 2000	8201 VT3	82	122.3	21.6	52.3
Pioneer Hi-Bred	Pioneer P8581R	85	121.7	21.0	53.6
G2 Genetics	5H-884 RR/HX	84	120.8	21.6	53.2
Peterson Farm Seeds	PFS 54M83	83	119.4	21.4	55.0
G2 Genetics	5H-080 RR/HX	82	118.8	19.4	51.9
Hyland Seeds	HL 4227	85	117.4	21.7	56.3
Gold Country	84-03 VT3	84	115.7	21.5	53.8
Seeds 2000	2852 GTCBLL	85	113.7	23.4	50.1
Dyna-Gro	51V57	85	113.0	32.4	49.1
Gold Country	81-21 VT3	81	111.9	19.3	54.6
NuTech	3T-482 VT3	82	110.8	19.8	56.9

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Proseed	884 VT3	84	110.4	22.5	56.4
Dyna-Gro	50K21	78	110.4	20.1	54.4
NDSU	LATE TROPICAL CHECK		109.3	23.9	55.1
Dyna-Gro	51V45	82	109.2	22.4	55.7
NuTech	3A-484 RR	84	105.4	24.7	49.3
Pioneer Hi-Bred	Pioneer 39D97	80	104.3	19.0	54.8
Wensman Seeds	W 7080VT3	80	103.9	20.9	55.4
Wensman Seeds	W 8082VT2PRO	83	103.2	21.4	53.0
NuTech	3A-382 GT	82	100.6	23.1	54.9
	MEAN		<b>122.7</b>	<b>22.1</b>	<b>53.1</b>
	CV		<b>18.7</b>	<b>8.9</b>	<b>3.9</b>
	LSD (0.05)		<b>23.2</b>	<b>3.8</b>	<b>4.1</b>

**The same hybrids were planted across four dryland locations within northeastern ND region**

**Growing the same hybrids across locations expose the real advantages and weaknesses of hybrids for traits**

**Experiments conducted by the NDSU Corn Breeding Program**

Statistical Analysis Date: 11/30/10 (due to sudden unexpected death of my father, sorry for the delay...)

RM = Relative maturity given by Industry. It may not correspond to moisture at harvest

The Lattice experimental design was 59 to 194% more efficient than a Randomized Complete Block Design (RCBD) for most traits

Harvested Stand = 34,100 plants/A

No significant differences across hybrids for stand