

**North Central Research Extension Center—Minot
Corn Hybrid Trial**

Company/Brand	Variety	RM ¹	Days to Tassel	Plant Height	Cob Height	Stalk Lodge	Root Lodge	Grain Moisture	Seed Weight	Test Weight	Seed Protein	Seed Starch	----- Grain Yie		
													2008	2009	2010
													-----bu/A		
AgSource Seeds	3A-382 RR	81	DAP ²	in	in	% ³	% ⁴	%	g/1000	lb/bu	%	%	--	--	131
DEKALB	DKC30-20 (VT3)	80	75	84	35	1.1	0.0	16.0	255.7	56.4	8.5	66.9	--	--	115
DEKALB	DKC33-54 (RR2)	83	73	82	36	0.6	0.6	9.2	267.4	56.2	8.5	67.1	74	89	125
Dyna-Gro	50K21	78	74	81	35	1.7	0.5	11.1	283.9	55.7	9.0	67.0	--	82	122
Dyna-Gro	51V45	82	75	89	36	0.5	0.0	6.7	258.0	55.8	9.1	66.7	--	93	131
G2 Genetics	5H-080 RR/HX	80	78	86	39	0.0	0.0	8.6	250.5	50.4	7.1	68.4	--	--	139
G2 Genetics	5H-884 RR/HX	82	74	86	36	0.0	0.0	20.4	269.5	54.0	8.3	67.1	--	100	145
G2 Genetics	5H-885 RR/HX	82	78	89	42	0.5	0.0	13.7	272.5	52.2	8.6	67.5	--	--	159
Hyland Seeds	HL B18R	78	70	82	30	0.0	0.0	12.7	274.8	59.4	9.5	65.8	--	66	105
Hyland Seeds	HL B27R	83	75	85	35	0.0	0.5	17.2	242.0	55.7	8.3	67.3	--	--	139
Hyland Seeds	HL 4227	83	76	86	37	0.0	0.0	16.6	243.1	56.3	8.8	67.4	--	--	127
Integra Fortified Seed	6780R	80	78	84	36	0.5	0.0	15.6	274.4	54.2	8.6	68.4	105	97	135
Integra Fortified Seed	6385 R	83	79	82	34	0.0	0.0	15.7	235.6	53.5	8.1	68.0	99	99	129
Integra Fortified Seed	6385 VT3	83	79	84	35	0.0	0.0	13.6	230.3	54.7	8.6	66.9	106	111	128
Integra Fortified Seed	EXP 011080 VT3	80	70	84	34	0.0	0.0	17.9	237.1	55.4	7.3	68.0	--	--	130
Integra Fortified Seed	EXP 911080 R	80	76	79	35	0.0	0.0	17.0	260.7	56.6	8.7	67.8	--	--	112
North Star Genetics	NS82-101 GTLLCB	72	77	86	37	0.0	0.0	19.5	245.3	54.6	7.5	68.8	--	--	138
NuTech Seed	3T-083 VT3	82	76	88	39	0.0	0.0	13.1	269.1	55.7	8.1	67.5	121	110	141
NuTech Seed	3T-482 VT3	81	78	85	35	0.0	0.0	15.9	236.1	56.0	9.3	66.9	--	--	114
NuTech Seed	0A-183	82	79	88	35	1.4	1.0	14.7	234.0	51.6	7.7	68.0	--	--	141
NuTech Seed	3A-484 RR	82	78	89	36	0.5	0.0	16.9	274.6	51.5	7.7	68.0	--	--	130
NuTech Seed	1B-485 CB/LL	82	78	88	34	0.0	0.9	6.1	253.1	50.7	7.6	68.1	--	--	145
NuTech Seed	3C-585 RR/YGCB	83	79	85	38	0.0	0.0	14.2	269.7	50.9	8.9	67.1	--	--	147
PFS	21A78	79	74	86	35	0.0	1.1	15.6	270.1	56.2	8.6	66.8	--	--	134

**North Central Research Extension Center—Minot
Corn Hybrid Trial**

Company/Brand	Variety	RM ¹	Days to Tassel	Plant Height	Cob Height	Stalk Lodge	Root Lodge	Grain Moisture	Seed Weight	Test Weight	Seed Protein	Seed Starch	Grain Yie		
													2008	2009	2010
			DAP ²	in	in	% ³	% ⁴	%	g/1000	lb/bu	%	%	-----bu/A		
PROSEED	781 RRBt	83	78	84	36	0.0	0.0	22.7	279.3	51.4	8.5	67.6	143	123	149
PROSEED	981 GTCBLL	81	78	87	37	0.0	0.0	15.4	271.1	54.6	8.2	68.5	--	115	136
REA Hybrids	1T114	78	71	88	38	0.6	0.0	14.7	246.7	55.3	7.9	68.0	--	--	139
REA Hybrids	1T345	79	77	83	35	0.0	0.0	19.3	263.9	56.0	9.0	67.3	--	84	125
REA Hybrids	1A218	80	78	88	39	0.5	0.0	25.0	259.6	54.6	9.2	67.1	--	--	126
REA Hybrids	2T956	83	77	86	36	0.5	0.0	16.0	253.5	56.1	9.0	67.1	--	99	119
Seeds 2000	2781 RR	78	75	82	32	0.0	1.1	14.7	267.2	56.1	8.7	67.0	66	70	118
Seeds 2000	X382G	82	77	82	37	2.1	0.0	8.6	245.3	51.6	8.5	67.1	--	--	125
Wensman Seed	W 7080VT3	80	75	83	35	0.0	0.0	9.0	265.5	55.8	9.1	67.2	--	--	139
Wensman Seed	W 8082VT2PRO	82	75	85	37	0.0	0.0	18.2	269.0	55.8	9.2	67.1	--	--	134
Wensman Seed	W 8085VT2PRO	82	79	83	34	0.0	1.0	7.0	289.4	54.6	7.5	68.8	--	--	154
LSD 5%	--	--	2	5	4	NS	NS	NS	19.6	1.0	0.7	1.5	21	14	18
C.V.%	--	--	1.8	4.6	7.9	284.6	386.9	64.2	3.8	1.3	6.0	1.6	14.8	10.0	9.6
Mean	--	--	76	85	36	0.4	0.2	14.5	258.1	54.5	8.5	67.4	103	100	132

Trial was planted on May 14 with a seeding rate of 22,000 PLS and harvested on October 11.

¹RM = Relative maturity in days; information provided by company.

²DAP = Days after planting.

³Stalk lodging score based on % of plants broken below the ear.

⁴Root lodging score based on % of plants leaning 30 degrees or greater.

