

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

Company/Brand	Variety	RM ¹	Days to Tassel ²	Plant Height in	Cob Height in	Stalk Lodge % ³	Root Lodge % ⁴	Grain Moisture %	Seed Weight g/1000	Test Weight lb/bu	Seed Protein %	Seed Starch %	Grain Yield				
													2008	2009	2010	Year 2	Year 3
AgSource Seeds	3A-382 RR	81	77	89	38	2.0	0.0	13.6	246.7	52.3	8.6	67.4	--	--	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	107	96
Dyna-Gro	50K21	78	74	81	35	1.7	0.5	11.1	283.9	55.7	9.0	67.0	--	82	122	102	--
Dyna-Gro	51V45	82	75	89	36	0.5	0.0	6.7	258.0	55.8	9.1	66.7	--	93	131	112	--
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	122	--
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	85	--
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	116	112
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	114	109
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	120	115
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	125	124
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	--	--

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Corn Hybrid Trial—Cont.**

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 Yield				
													2008	2009	2010	Year 2	Year 3
			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	136	139
PROSEED	981 GTCBLL	81	78	87	37	0.0	0.0	15.4	271.1	54.6	8.2	68.5	--	115	136	126	--
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	104	--
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	109	--
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	94	85
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.

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

² DAP = Days after planting.

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

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