

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

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				
													2007	2008	2009		
													bu/A	Year	Year	Year	
AgSource Seeds	3A-383+ RR	83	DAP ² 75	in 72	in 31	% ³ 8.7	% ⁴ 0.0	% 22.9	g/1000 236.8	lb/bu 50.9	% 11.2	% 64.5	--	--	104	--	--
AgSource Seeds	3C-882 RRYGCB	82	73	68	35	4.5	0.7	21.2	259.6	51.9	11.1	65.6	97	105	105	105	102
DEKALB	DKC29-98 (RR2/YGCB)	79	69	59	33	16.4	1.3	17.7	274.3	55.6	12.4	65.1	101	70	86	78	86
DEKALB	DKC30-23 (RR2)	80	69	65	30	18.1	0.7	17.4	245.2	54.0	12.0	66.2	--	--	79	--	--
DEKALB	DKC33-54 (RR2)	83	71	64	29	15.5	0.0	16.8	242.8	53.9	11.7	66.4	--	74	89	82	--
Dyna-Gro Seeds	50K21	78	74	71	30	16.9	1.3	18.2	238.2	53.4	12.6	64.4	--	--	82	--	--
Dyna-Gro Seeds	51V45	82	75	69	33	6.2	0.0	22.6	252.5	52.8	12.2	64.9	--	--	93	--	--
G2 Genetics	5H-884 RR/HX	83	74	70	34	10.2	0.7	22.2	265.7	51.0	11.8	65.4	--	--	100	--	--
Hyland Seeds	HL 08403BR	83	75	66	33	14.2	0.0	23.1	248.9	51.6	10.3	66.4	--	--	111	--	--
Hyland Seeds	HLB16R	76	70	71	35	4.4	1.3	19.7	243.2	55.3	12.0	65.2	92	46	95	70	78
Hyland Seeds	HLB18R	76	69	71	32	5.8	0.0	15.7	234.7	57.8	12.5	65.2	--	--	66	--	--
Integra Seed	6385R	85	76	67	33	13.6	0.0	18.7	258.8	53.2	10.8	66.3	94	99	99	99	98
Integra Seed	6385VT3	85	77	70	30	2.1	0.0	21.8	254.5	51.6	10.6	65.9	--	106	111	108	--
Integra Seed	6780R	80	75	66	31	7.9	0.0	22.9	255.5	51.3	11.1	66.2	--	105	97	101	--
Integra Seed	9332R	83	76	62	28	19.3	0.0	23.6	231.9	47.2	11.0	65.8	--	150	103	126	--
NuTech Seed	3C-181 RRYGCB	81	77	62	32	4.0	0.7	29.1	235.6	49.1	11.3	66.6	--	151	120	135	--
NuTech Seed	3T-083 VT3	82	75	69	31	8.5	0.6	19.5	265.3	54.9	11.1	66.0	--	121	110	115	--
NuTech Seed	3T-484 VT3	83	77	70	32	1.8	1.9	25.2	261.4	50.3	11.0	67.3	--	121	121	121	--
PROSEED	581VT3	83	76	69	32	4.5	0.0	24.5	248.3	51.3	10.9	66.0	--	--	103	--	--
PROSEED	781RRBT	81	77	61	32	2.4	0.6	30.1	250.7	48.2	11.3	66.5	--	143	123	133	--
PROSEED	981CBLLGT	81	74	67	31	4.2	0.0	19.7	248.3	54.2	10.5	67.6	--	--	115	--	--
REA Hybrids	1T132	78	70	67	33	7.7	0.0	22.5	224.4	53.1	12.2	65.0	--	--	99	--	--
REA Hybrids	1T218	80	75	74	37	4.2	0.0	19.4	275.9	53.0	12.1	66.4	--	--	103	--	--
REA Hybrids	1T345	79	75	66	34	10.2	0.0	21.6	267.4	54.0	11.6	66.1	--	--	84	--	--
REA Hybrids	2T956	83	75	69	32	5.9	0.0	20.0	260.0	54.4	11.9	66.4	--	--	99	--	--
Seeds 2000	2781RR	78	73	69	32	17.4	4.1	21.2	236.9	53.0	11.8	65.3	--	66	70	68	--
Seeds 2000	8201VT3	82	76	67	33	1.3	0.0	24.4	242.5	51.5	10.7	66.5	--	85	118	102	--
Wensman Seed	W 7083VT3	80	73	68	32	4.9	0.7	21.8	276.3	51.7	10.8	65.4	--	111	109	110	--
Wensman Seed	W 7085VT3	83	75	62	29	8.1	0.8	19.4	274.9	53.3	10.9	67.3	--	117	109	113	--
LSD 5%	--	--	2	5	4	4.9	1.6	2.8	22.9	1.1	0.7	1.1	14	21	14	--	--
C.V. %	--	--	2.0	5.0	9.1	40.4	210.8	9.3	4.4	1.4	4.1	1.2	9.7	14.8	10.0	--	--
Mean	--	--	74	67	32	8.6	0.5	21.5	252.1	52.5	11.4	65.9	91	103	100	--	--

Trial was planted on May 20 with a seeding rate of 22,000 PLS and harvested on November 5.

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.