

North Central Research Extension Center—Minot
 Corn Variety Trial—Roundup Ready—Page 1 of 2

Company	Variety	RM ¹	Days to Tassel	Plant Height	Cob Height	Root Lodge	Stalk Lodge	Grain Moisture	Seed Weight	Test Weight	Seed Protein	Seed Starch	Grain Yield				
													2006	2007	2008	Year bu/A	
			DAP ²	in	in	0-9 ³	0-9 ³	%	g/1000	lb/bu	%	%					
Croplan Genetics	155RR	77	75	86	28	1.0	3.3	14.2	292.7	59.2	10.5	66.1	--	82	43	63	--
Croplan Genetics	229VT3	80	79	88	31	0.8	4.5	16.1	266.1	55.1	10.5	66.5	--	--	111	--	--
Croplan Genetics	2340RH	83	79	87	31	0.5	2.5	17.5	264.2	54.6	10.5	65.6	--	102	122	112	--
Croplan Genetics	238VT3	85	80	90	31	0.0	1.8	17.5	248.0	53.9	10.3	64.1	--	--	100	--	--
DEKALB	DKC 29-98 (RR2/YGCB)	79	75	82	32	0.8	2.0	13.1	287.4	58.6	11.2	65.3	75	101	70	85	82
DEKALB	DKC 33-54 (RR2)	83	76	85	29	0.8	3.8	15.4	253.2	56.1	10.7	66.3	--	--	74	--	--
DEKALB	DKC 35-19 (RR2/YGCB)	83	79	89	29	0.3	2.3	15.4	250.5	56.8	10.8	66.0	--	--	109	--	--
Dyna-Gro	51P15RRBT	85	81	89	29	0.3	2.8	17.8	252.4	53.9	9.9	65.1	--	--	118	--	--
Dyna-Gro	51P62	82	79	90	31	0.8	1.8	16.4	248.1	55.1	10.6	65.2	--	--	102	--	--
Dyna-Gro	51P97	81	79	89	31	1.0	5.3	20.4	267.7	56.1	10.6	64.2	--	--	92	--	--
Dyna-Gro	51V89	83	80	90	31	1.0	1.5	16.5	247.8	54.8	10.2	65.8	--	--	95	--	--
G2 Genetics	5H-881 RR/HX	81	78	91	32	1.3	1.5	16.6	245.1	54.0	10.3	65.6	--	--	105	--	--
Gold Country Seed	80-02 RR	80	78	91	29	1.0	3.0	13.6	244.2	56.2	10.3	65.9	--	--	73	--	--
Gold Country Seed	84-02 VT3	83	80	93	30	0.3	3.3	17.9	256.1	54.8	10.5	65.5	--	--	121	--	--
Gold Country Seed	84-03 CBR	83	79	89	29	0.3	3.0	15.8	298.3	55.5	10.1	67.0	--	--	109	--	--
Hyland Seeds	HLB16R	76	75	94	28	1.0	4.5	18.4	230.1	58.1	11.7	63.8	--	92	46	69	--
Hyland Seeds	HLB24R	83	82	88	34	1.3	2.3	19.7	258.3	52.0	10.8	66.2	--	--	87	--	--
Integra Seed	6385R	83	80	85	25	0.8	2.5	15.8	262.5	56.1	10.0	65.1	--	94	99	97	--
Integra Seed	6780 VT3	80	80	84	25	0.0	2.0	17.8	252.6	56.1	9.8	66.1	--	--	106	--	--
Integra Seed	6780R	80	79	85	28	0.3	3.0	17.9	281.6	55.5	10.3	65.7	--	--	105	--	--
Integra Seed	9332 RB	83	81	85	32	0.3	1.5	21.1	269.5	52.0	10.7	65.4	--	--	150	--	--
Mycogen Seeds	2J086	80	76	86	29	0.3	2.5	17.1	264.5	54.5	10.8	66.1	--	106	105	106	--
Mycogen Seeds	2K152	82	80	87	32	0.3	3.8	16.8	243.7	55.0	10.3	65.8	--	92	116	104	--
Mycogen Seeds	2K154	83	80	87	29	0.3	1.3	18.3	239.1	54.5	10.5	64.0	--	96	124	110	--
Mycogen Seeds	2T092	80	77	85	28	0.3	2.8	13.9	238.4	54.4	10.9	65.6	--	--	79	--	--
NuTech Seed	3C-181 RR/YGCB	81	82	87	33	1.0	3.0	21.8	252.0	51.4	10.5	65.8	--	--	151	--	--
NuTech Seed	3C-482 RR/YGCB	82	77	81	27	0.8	2.5	17.2	288.7	55.3	11.1	65.9	--	--	109	--	--
NuTech Seed	3C-882 RR/YGCB	82	79	87	34	0.0	3.0	17.2	254.8	53.8	10.6	64.9	--	97	105	101	--
NuTech Seed	3T-083 VT3	83	79	90	30	0.8	1.0	16.7	262.6	55.7	9.8	66.1	--	--	121	--	--

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Company	Variety	RM ¹	Days	Plant Height	Cob Height	Root Lodge	Stalk Lodge	Grain Moisture	Seed Weight	Test Weight	Seed Protein	Seed Starch	Grain Yield			2006	2007	2008	Year	Year
			to Tassel										in	in	0-9 ³					
Peterson Farm Seed	24F80	80	DAP ²	86	25	0.0	1.3	17.3	296.5	56.3	10.2	65.9	--	--	104	--	--	--	--	
Peterson Farm Seed	37T79	79	78	86	34	0.0	1.0	17.6	303.1	57.3	11.5	64.8	--	79	112	96	--	--		
Proseed	581RRBTCRW	83	80	92	32	0.3	2.0	18.3	279.4	53.1	10.2	65.7	--	87	109	98	--	--		
Proseed	678RRBT	78	78	87	34	0.8	2.3	18.4	278.1	54.9	11.1	65.5	--	--	118	--	--	--		
Proseed	781RRBT	81	81	87	31	0.5	3.8	20.3	279.4	53.3	11.1	65.1	--	--	143	--	--	--		
Proseed	879RR	78	78	90	28	0.3	3.0	14.2	260.9	56.2	10.1	65.8	--	--	54	--	--	--		
Seeds 2000	2781RR	78	76	87	28	0.8	7.0	16.7	263.8	56.4	11.0	64.0	--	--	66	--	--	--		
Seeds 2000	8201 VT3	82	81	91	31	0.0	2.0	18.3	266.5	54.3	10.0	65.0	--	--	85	--	--	--		
Wensman Seed	EXP 6056BtRR	72	78	71	26	0.0	1.3	11.8	272.8	60.1	11.6	65.6	--	--	156	--	--	--		
Wensman Seed	W 6076BtRR	79	79	92	31	0.8	2.5	16.5	261.9	55.3	10.6	65.5	--	--	105	--	--	--		
Wensman Seed	W 7083VT3	80	79	90	31	0.0	1.0	16.2	272.7	54.4	10.4	65.4	--	--	111	--	--	--		
Wensman Seed	W 7085VT3	83	79	79	26	0.5	2.5	16.8	275.6	55.8	10.7	66.5	--	--	117	--	--	--		
LSD 5%	--	--	1	4	3	NS	2.0	1.9	31.3	1.4	0.5	1.2	18	14	21	--	--	--		
C.V.%	--	--	1.1	3.0	8.2	--	53.6	8.1	5.9	1.8	3.1	1.3	18.1	9.7	14.8	--	--	--		
Mean	--	--	79	87	30	0.5	2.6	17.0	264.2	55.3	10.6	65.5	70	91	103	--	--	--		

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

² DAP = Days after planting.

³ Lodging score based on scale 0-9 (0 = upright, 9 = flat).