

Table 8. North Central Zone - Early Maturity Grain Trial (page 1 of 2)

90 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, SEYMOUR = SEY, VALDERS = VAL)

BRAND	HYBRID	Genes [†]	2003								2002					2 YEAR		
			AVERAGE					CHP	MAR	SEY	VAL	AVERAGE		CHP	MAR	SEY	VAL	AVERAGE
			Yield bu/A	P.I. #	Moist %	Test Wt.	Lodged %	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	P.I. #	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A
LG Seeds	LG2355		142	100	17.7	54	0	91	123	183	170							
Dekalb	DKC3501(RR)	H	128	96	18.3	53	1	103	115	133	159							
Spangler	154G	G	145	100	18.4	54	0	95	127 *	188	173							
Johnson Seeds	4240		137	98	18.4	53	1	96	111	173	170							
Jung	2202		142	100	18.5	55	1	111	118	178	162							
Kussmaul	SB383RR	J	134	96	18.5	55	1	81	111	181	161							
Dairyland	Stealth 1685		143	100	18.5	54	1	101	122	180	167							
Dairyland	Stealth 1280		136	97	18.9	54	1	100	111	179	159							
Ag+ Seeds	6387RR	H	144	99	18.9	55	1	79	121	206	170							
Johnson Seeds	2111RR	X	148	101	19.0	56	0	94	121	201	176							
Renk	RK288		143	101	19.0	54	0	117	119	173	164							
Kussmaul	SB387RR	J	143	99	19.1	56	0	101	115	183	167							
Mycogen	M2E212		132	96	19.1	54	1	105	105	163	158							
85-DAY HYBRID TRIAL AVERAGE##					19.2													
Carharts Blue Top	CR85RR	J	144	100	19.2	56	0	101	115	195	162							
Gold Country	8302RR	X	150	102 *	19.3	55	1	119	122	185	171							
Brunner	B2495		133	94	19.3	52	1	64	102	193	172	164	103	148	195	176	136	148
Garst	8959YG1	G	147	101	19.4	54	1	111	116	182	180							
Dahlman	D4301		148	101	19.5	56	0	101	120	200	173	162	102	153	189	167	139	155
Ag+ Seeds	6290Bt	G	147	100	19.5	56	0	95	126 *	191	174							
Mycogen	2H243	G	145	99	19.8	53	1	99	113	186	174							
Pioneer	39D82	G	142	98	19.8	55	2	98	118	186	165							
Carharts Blue Top	CR840RB	GX	158 *	106 *	19.9	55	1	147 *	122	187	176	171	105	164 *	214 *	170	136	164
Johnson Seeds	2241		136	95	20.0	55	0	81	102	198	159	156	98	136	208 *	164	114	145
Carharts Blue Top	CR8500RB	GX	146	99	20.1	54	0	84	112	206	186	166	103	162 *	193	174	137	157
Spangler	2777RG	GX	150	100	20.1	54	0	89	115	212	180	160	100	147	191	179	123	155
Brown	1811YGCB	G	143	99	20.1	55	1	103	110	185	172							
Lemke	2043RRBt	GX	149	100	20.3	54	0	94	115	215	172							
Jung	6205	GJ	151	102 *	20.4	54	1	112	121	190	177	169	103	155	210 *	195 *	115	159
La Crosse Forage	LC7283		109	86	20.6	54	3	68	94	152	125							
Pilgrim Seed	8601		151	103 *	20.6	56	1	132 *	114	185	171	197 *	112 *	183 *	220 *	213 *	172 *	174 *
Croplan Genetics	294Bt	G	158 *	103 *	20.8	52	0	96	116	229 *	193 *							
Johnson Seeds	3750		145	99	20.9	54	1	107	109	194	167							
Brunner	S3903RRBt	GX	146	99	21.0	54	0	97	117	199	175							
Brunner	S2852RRBt	GX	151	101	21.0	54	1	111	115	193	186	166	102	148	210 *	173	131	159
90-DAY HYBRID TRIAL AVERAGE##					21.2													
Dahlman	D4515	G	161 *	104 *	21.2	53	1	108	121	210	199 *	198 *	113 *	182 *	223 *	210 *	176 *	179 *
Kaltenberg	K2727Bt	X	149	100	21.2	55	0	109	109	202	177							
Dahlman	R45S15	GX	153	101	21.3	54	1	101	119	195	198 *							
Lemke	3081Bt	G	160 *	103 *	21.4	53	2	93	138 *	213	197 *							

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Table 8 (continued). North Central Zone - Early Maturity Grain Trial (page 2 of 2)

90 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (CHIPPEWA FALLS = CHP, MARSHFIELD = MAR, SEYMOUR = SEY, VALDERS = VAL)

BRAND	HYBRID	Genes [†]	2003										2002				2 YEAR	
			AVERAGE					CHP	MAR	SEY	VAL	AVERAGE		CHP	MAR	SEY	VAL	AVERAGE
			Yield bu/A	P.I. #	Moist %	Test Wt.	Lodged %	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	P.I. #	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A
Dekalb	DKC3948(RRYGCB)	GH	142	97	21.5	53	0	83	121	196	172							
Johnson Seeds	5150		145	98	21.6	52	1	85	117	203	176							
NK Brand	N29A2	GD	157 *	102 *	21.7	53	0	106	122	221 *	174							
High Cycle	7242Bt	G	156 *	101	21.7	53	3	90	129 *	220 *	184							
Dahlman	D4501Bt	G	153	101	21.7	53	0	93	125	208	183	175	105	149	207 *	179	164 *	164
Brown	3000YGCB	G	164 *	105 *	21.8	54	1	126 *	117	215	193 *							
Garst	ND922YG1	G	164 *	105 *	21.8	54	1	127 *	115	214	195 *							
Ragt Semences	MX152		153	101	21.9	53	1	106	113	202	189							
Carharts Blue Top	CR1857RB	GX	160 *	103 *	22.1	54	1	101	131 *	211	195 *							
Dekalb	DKC3947(RR)	H	149	100	22.1	54	1	103	116	199	180	184	109 *	156	210 *	204 *	165 *	167
Wolf River Valley	2490	G	169 *	107 *	22.1	53	2	118	130 *	224 *	206 *							
Ag+ Seeds	5492Bt	G	149	100	22.1	53	1	108	114	193	178							
Ragt Semences	MX155		150	99	22.2	53	3	91	113	209	185							
MEAN			147	100	20.3	54	1	101	117	195	175	159	100	138	197	170	130	160
LSD(0.10)**			14	5	1.7	1	1	24	12	13	13	13	5	24	17	22	20	10

[†] Code = Trait(Gene): B=bmr(bm3); C=IMI(IT); D=LL(T25); F,G,K,L=Bt-ECB(Bt176, Mon810, Bt11, Cry1F); H,J=RR(MonGA21, Nk603);

M=Leafy; N=Bt-CRW(Mon863); X=Unknown; respectively.

P.I. = Performance Index, evaluates hybrids by combining yield, moisture, and lodged % at a 50(yield) : 35(moisture) : 15(lodged) ratio.

Average grain moisture of all hybrids in this trial as rated by the Minnesota Relative Maturity Rating System. Ratings are rounded to 5-day increments.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.