

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 [†]	2004								2003					8 Test		
			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
Dahlco	X2841		157	101	20.1	54	1	146	144	173	* 163							
Dynagro	51K74	J	150	98	20.1	54	2	156	138	144	161							
Dahlco	2141RRBt	GJ	143	96	20.2	53	2	152	137	159	123							
O'Brien	OB845		154	100	20.4	54	3	161	138	174	* 144							
Dairyland	Stealth 1685		165	103	20.6	53	0	171	* 150	* 172	* 167	143	100	101	122	180	167	154
Renk	RK288YGCB	G	161	102	20.7	54	2	164	140	169	* 171							
Mallard	EXP0503	G	161	102	20.8	54	0	158	145	161	179							
Kussmaul	K583		159	101	20.8	53	1	162	145	162	166							
Carharts Blue Top	CX585Bt	G	163	103	20.9	53	0	157	147	171	* 179							
Trelay	1009		143	96	21.0	53	1	130	133	151	156							
La Crosse Forage	LC4185		148	97	21.1	53	1	132	131	152	178							
Spangler	154G	G	155	100	21.1	53	1	167	* 145	145	164	145	100	95	127	* 188	173	150
Renk	RK282		151	98	21.3	51	0	150	125	152	178							
Croplan Genetics	238Bt	G	156	100	21.3	53	2	158	143	150	174							
Johnson Seeds	2121		152	99	21.4	54	1	160	138	142	170							
Dekalb	DKC4005		167	104	* 21.4	52	1	176	* 156	* 179	* 159							
Dahlco	X3750Bt	G	126	90	21.5	55	4	135	106	140	124							
Pilgrim Seed	8601		151	98	21.5	54	1	145	138	153	165	151	103	* 132	* 114	185	171	151
Dekalb	DKC3714(RR2)	J	161	101	21.6	54	1	161	148	163	171							
85-DAY HYBRID TRIAL AVERAGE##					21.7													
Garst	8986YG1RR	GJ	170	* 104	* 21.8	52	0	176	* 158	* 162	183							
Kaltenberg	K3735BtLL	KD	157	100	21.9	55	0	173	* 131	144	180							
Ag+ Seeds	6387RR	H	147	97	21.9	53	0	145	136	142	166	144	99	79	121	206	170	146
La Crosse Forage	LC7325		140	94	22.2	51	1	144	115	138	164							
Jung	6205RRYGCB	GJ	154	99	22.4	51	1	161	139	144	173	151	102	* 112	121	190	177	152
Dahlman	D4411Bt,LL	K	153	99	22.4	54	0	168	* 140	136	169							
Dahlman	R4515RR	J	160	101	22.4	52	0	162	150	* 148	181							
Wolf River Valley	2490Bt	G	174	* 105	* 22.4	53	0	175	* 159	* 180	* 184	169	* 107	* 118	130	* 224	* 206	* 172
Dahlman	D4515Bt	G	180	* 107	* 22.5	53	0	183	* 155	* 186	* 197	161	* 104	* 108	121	210	199	* 170
Carharts Blue Top	CR840RB	GJ	153	98	22.5	52	0	155	137	145	174	158	* 106	* 147	* 122	187	176	155
Dahlman	D4547		152	98	22.5	52	2	152	130	142	182							
Golden Harvest	H6565RR	J	166	103	22.6	53	0	155	150	* 179	* 181							
Mycogen	X24334	J	163	101	22.6	52	0	155	138	162	197	*						
Legacy Seeds	L2117	GJ	159	101	22.7	52	0	155	150	* 169	* 164							
Spangler	2777RG	GX	166	102	23.0	51	0	170	* 134	172	* 190	150	100	89	115	212	180	158
Johnson Seeds	3750		148	97	23.0	51	0	149	118	154	173	145	99	107	109	194	167	146
90-DAY HYBRID TRIAL AVERAGE##					23.1													
Lemke	3081Bt	G	183	* 108	* 23.1	52	0	181	* 162	* 174	* 214	160	* 103	* 93	138	* 213	197	* 172
Kaltenberg	K2727Bt	G	150	97	23.1	51	0	136	135	151	179	149	100	109	109	202	177	150
High Cycle	HC7242YGCB	G	177	* 106	* 23.2	52	0	185	* 155	* 173	* 193	156	* 101	90	129	* 220	* 184	166

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

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BRAND	HYBRID	Genes [†]	2004								2003					8 Test		
			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
Croplan Genetics	294Bt	G	172 *	104 *	23.3	52	0	182 *	156 *	166 *	183	158 *	103 *	96	116	229 *	193 *	165 *
Brown	3000YGCB	G	169	103	23.3	52	0	175 *	161 *	154	185	164 *	105 *	126 *	117	215	193 *	166 *
OBrien	OB805RR	J	140	94	23.3	53	1	142	133	134	150							
Carharts Blue Top	CR1857RB	GJ	166	102	23.3	52	0	173 *	152 *	151	186	160 *	103 *	101	131 *	211	195 *	163 *
Lemke	3083RRBt	GJ	177 *	105 *	23.5	52	0	176 *	163 *	160	207 *							
RAGT Semences	MX155	G	169	103	23.5	50	1	147	161 *	164	204 *	150	99	91	113	209	185	159
Legacy Seeds	L2299		145	95	23.6	53	0	143	139	146	150							
Garst	8922YG1	G	169	103	23.6	52	0	165	151 *	185 *	174	164 *	105 *	127 *	115	214	195 *	166 *
Dahlco	2288RRBt	GJ	149	97	23.7	51	0	150	132	144	172							
Johnson Seeds	2291RR	X	156	99	23.8	51	0	158	146	135	185							
North Gro	4187YGCB	G	161	100	24.0	52	0	165	141	147	191							
Dairyland	Stealth 1690		148	96	24.2	51	1	157	138	121	175							
Kussmaul	K586		147	96	24.5	51	0	162	138	141	147							
RAGT Semences	MX152	G	160	99	24.6	49	0	153	141	146	199 *	153	101	106	113	202	189	156
MEAN			158	100	22.3	52	1	159	142	156	174	147	100	101	117	195	175	159
LSD(0.10)**			13	4	0.8	1	2	19	14	21	21	14	5	24	12	13	13	9

[†] Code = Trait(Gene): B=bmr(bm3); C=IMI(IT); D=LL(T25); F,G,K,L=Bt-ECB(Bt176, Mon810, Bt11, TC1507); 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.