

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†	2005										2004					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	Yield bu/A	P.I. #	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A
Dahlman	R4215	J	143	96	18.4	58	1	87	175	150	162								
Dairyland	Stealth 1785		135	94	18.6	59	0	98	178	122	144								
Dahlman	D4215CB	G	152	99	18.7	57	0	102	180	160	164								
Golden Harvest	H6395		156	101	18.8	59	0	128	179	161	155								
Garst	8980YG1	G	161	102	18.9	57	0	136	174	155	178								
Wolf River Valley	2482RR	J	143	96	18.9	58	1	95	171	148	158								
Renk	RK288YGCB	G	153	100	19.0	57	0	133	181	143	156	161	102	164	140	169 *	171	157	
Dahlco	2147Bt	G	141	95	19.1	56	1	101	157	144	160								
OBrien	OB846Bt	G	153	99	19.2	58	0	110	179	153	172								
Renk	RK244LLYGCB	KD	139	95	19.2	60	0	109	161	138	149								
Carharts Blue Top	CX585Bt	G	155	100	19.3	57	0	110	173	168	169	163	103	157	147	171 *	179	159	
Dairyland	Stealth 1685		154	100	19.3	57	1	117	175	157	168	165	103	171 *	150 *	172 *	167	160	
Gold Country	GCS8301CB	G	145	97	19.4	57	0	118	166	144	155								
85-DAY HYBRID TRIAL AVERAGE##					19.4														
Pilgrim	8601		136	93	19.5	57	0	87	167	141	148	151	98	145	138	153	165	143	
Kruger	K5687BtLL	KD	149	98	19.5	57	0	102	178	143	174								
Spangler	1223RR	J	124	90	19.6	58	0	94	131	123	146								
Johnson Seeds	2188RR	J	151	99	19.6	57	0	131	158	134	181								
Kruger	K2585RRYGCB	GJ	155	100	19.7	58	0	107	177	162	174								
Kruger	K1584RR	J	166	104	19.8	59	1	145 *	189 *	162	170								
Unity Seeds	5988		158	100	19.8	59	1	110	188 *	163	173								
Jung	6202RRYGCB	GJ	155	100	19.8	58	0	117	175	159	171								
Dekalb	DKC37-14(RR2)	J	152	99	19.9	57	0	115	171	161	160								
Croplan Genetics	238RR2Bt	GJ	158	101	19.9	58	0	119	183 *	161	168								
Mycogen	2A288	J	150	98	20.0	59	0	107	175	151	167								
Kruger	K2690RRYGCB	GJ	162	101	20.0	57	0	113	172	161	201 *								
Dairyland	Stealth 1488		151	99	20.0	56	1	141 *	178	126	158								
Kussmaul	SB492RRYGPlus	GNJ	174 *	106 *	20.1	58	0	132	190 *	193 *	181								
La Crosse Forage	LC4185		146	97	20.1	55	0	112	163	131	177	148	97	132	131	152	178	147	
Croplan Genetics	253RRBt	GJ	153	99	20.1	58	0	134	173	144	161								
Renk	RK282		160	101	20.3	56	1	119	178	166	177	151	98	150	125	152	178	156	
Dekalb	DKC40-05		171	105 *	20.4	57	1	152 *	180	170	182	167	104 *	176 *	156 *	179 *	159	169	
Kruger	K2688YGCB	G	134	93	20.4	57	0	101	159	121	154								
Golden Harvest	H6476BIRR	GJ	173 *	105 *	20.5	56	0	139 *	180	182	189								
Carharts Blue Top	CR840RB	GJ	146	97	20.7	58	0	122	146	156	157	153	98	155	137	145	174	149	

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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 [†]	2005								2004				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	
Pilgrim	8901		155	99	20.8	57	1	116	173	159	174								
Dahlman	R4515	J	165	102	20.8	57	0	124	183 *	167	188	160	101	162	150 *	148	181	163	
Kruger	K1684RR	J	115	86	20.9	59	1	90	108	104	159								
Dekalb	DKC39-47(RR)	J	146	96	21.1	57	0	101	160	141	182								
Spangler	2777RG	GJ	151	98	21.1	57	0	122	149	157	178	166	102	170 *	134	172 *	190	159	
Kaltenberg	K3735BtLL	KD	157	100	21.3	57	0	121	172	155	178	157	100	173 *	131	144	180	157	
Croplan Genetics	294RRBt	GJ	162	101	21.3	56	0	118	156	164	209 *								
Carharts Blue Top	CX1857Bt	G	173 *	105 *	21.3	56	0	121	193 *	174	205 *								
Kusmaul	SB490YRR	GJ	160	101	21.3	56	0	126	171	167	175								
Lemke	3083RRBt	GJ	182 *	107 *	21.4	56	0	119	204 *	191 *	212 *	177 *	105 *	176 *	163 *	160	207 *	179 *	
Dahlman	D4515	G	186 *	110 *	21.5	56	0	169 *	185 *	196 *	196	180 *	107 *	183 *	155 *	186 *	197 *	183 *	
Gold Country	GCS9201CBR	GJ	173 *	104	21.6	56	0	118	202 *	178	194								
Renk	RK438RR	J	167	102	21.6	55	0	119	184 *	163	202 *								
Lemke	3081Bt	G	178 *	106 *	21.7	56	0	130	197 *	177	207 *	183 *	108 *	181 *	162 *	174 *	214 *	180 *	
Dyna Gro	53P30	GJ	177 *	105 *	21.7	56	0	121	205 *	180	200 *								
90-DAY HYBRID TRIAL AVERAGE##					21.8														
Brown	3000YGCB	G	179 *	107 *	21.8	56	0	160 *	195 *	172	191	169	103	175 *	161 *	154	185	174 *	
La Crosse Forage	LC4289		129	90	21.9	57	0	89	141	130	155								
Johnson Seeds	2291RR	J	176 *	105 *	21.9	56	0	136	181	177	209 *	156	99	158	146	135	185	166	
Wolf River Valley	2490BtRR	GJ	182 *	108 *	22.1	56	0	158 *	191 *	170	209 *								
Garst	8922YG1	G	168	103	22.2	55	0	119	187 *	160	209 *	169	103	165	151 *	185 *	174	169	
High Cycle	7242Bt	G	174 *	105 *	22.6	55	0	145 *	188 *	167	198	177 *	106 *	185 *	155 *	173 *	193 *	175 *	
Mallard	4429CBRR	GJ	180 *	107 *	22.6	56	0	140 *	184 *	198 *	197								
Johnson Seeds	3750		147	95	24.3	55	0	102	157	159	168	148	97	149	118	154	173	147	
MEAN			157	100	20.4	57	0	119	174	157	176	158	100	159	142	156	174	163	
LSD(0.10)**			14	5	0.9	1	0	31	22	15	12	13	4	19	14	21	21	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.

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.