

Table 9. North Central Zone - Late Maturity Grain Trial (page 1 of 3)

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

BRAND	HYBRID	Genes [†]	2005								2004				8 Trial			
			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
Kruger	K1691RR	J	142	92	20.6	56	0	122	156	122	168							
Mycogen	2T336	GJ	183 *	105 *	20.7	56	0	185 *	199 *	181	166	172	102 *	176	164	159 *	188	177
Brunner	S3792RRBt	GH	164	98	20.7	58	0	127	191	169	170	177 *	104 *	188 *	162	168 *	192	171
Pioneer	38T41		153	95	20.7	58	0	120	172	150	169							
Kruger	K9593RRYGCB	GJ	166	99	20.8	58	1	145	185	176	160							
O'Brien	OB955		177	102	21.0	56	1	142	199 *	175	191							
Croplan Genetics	388RRBt	GJ	142	92	21.0	58	0	113	151	132	174							
Croplan Genetics	355RRBt	GJ	144	92	21.0	58	0	100	157	149	169							
Dairyland	Stealth 7191	GJ	161	97	21.1	56	0	107	184	177	177	174 *	102 *	193 *	158	159 *	184	168
Croplan Genetics	314RRBt	GJ	144	92	21.2	58	1	116	153	143	163							
Kruger	K0692		156	96	21.2	56	1	121	179	152	173							
Pilgrim	9301		150	95	21.2	57	1	132	163	160	145							
Golden Harvest	H6775Bt	G	159	97	21.3	59	0	153	149	173	160	153	96	167	139	135	174	156
Brunner	S3704Bt	G	187 *	105 *	21.3	56	0	138	207 *	207 *	198 *	180 *	104 *	199 *	160	170 *	192	184 *
Johnson Seeds	2238RR	J	172	100	21.3	56	0	123	186	185	194 *							
Dahlman	D4801		170	100	21.4	55	1	148	188	175	171	170	101 *	183 *	163	144	191	170
Dahlman	D4815	G	179	102	21.4	56	0	131	196	202 *	188	178 *	103 *	195 *	162	160 *	196 *	179 *
Gold Country	GCS9401CB	G	182 *	103 *	21.4	56	0	125	201 *	193 *	210 *	184 *	105 *	196 *	177 *	168 *	196 *	183 *
NK Brand	N29-A2	KD	171	100	21.4	57	0	149	180	176	178	168	99	187 *	132	158	195 *	169
Pioneer	38K35	LD	150	94	21.4	57	1	107	162	153	178							
Kussmaul	SB5595RR	J	185 *	105 *	21.6	56	0	162 *	191	189	198 *							
Kruger	K9496RR	J	173	100	21.6	56	0	128	190	173	201 *							
Dekalb	DKC42-95(RR2YGCB)	GJ	181 *	103 *	21.6	55	0	151	193	201 *	178	169	101 *	178	163	148	188	175
Kruger	K9496YGCB	G	182 *	103 *	21.7	56	1	142	191	189	207 *							
Mycogen	2R426	G	181 *	103 *	21.7	56	0	145	208 *	180	191	179 *	104 *	188 *	159	170 *	201 *	180 *
Brunner	Exp93		172	100	21.8	57	0	115	190	182	201 *	169	101 *	174	164	157	182	171
Pioneer	37A92	G	175	101	21.8	54	0	141	178	192 *	187							
Dahlman	R45S15	GJ	169	99	21.8	57	0	117	178	188	193							
Dairyland	Stealth 5497	G	186 *	104 *	21.8	55	0	131	203 *	211 *	201 *	166	99	181	156	139	187	176
Jung	6432YGCB	G	188 *	105 *	21.9	56	1	141	214 *	191 *	206 *	178 *	103 *	202 *	162	159 *	191	183 *

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Table 9 (continued). North Central Zone - Late Maturity Grain Trial (page 2 of 3)

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

BRAND	HYBRID	Genes [†]	2005								2004				8 Trial			
			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
Pioneer	38H66	J	170	100	21.9	55	0	138	181	182	179							
NK Brand	N32-L9	KD	166	98	21.9	55	0	119	184	179	180	164	99	182	149	159 *	167	165
Midwest	G6963B	G	192 *	107 *	21.9	56	0	163 *	204 *	203 *	199 *	175 *	102 *	199 *	163	143	195 *	184 *
Renk	RK488YGCB	G	180 *	102	21.9	56	0	140	194	193 *	192	178 *	102 *	197 *	160	156	197 *	179 *
95-DAY HYBRID TRIAL AVERAGE##					21.9													
Jung	6418ARRAYGCB	GJ	184 *	104 *	22.0	57	0	157 *	193	182	203 *							
Dahlman	R4815	J	178	102	22.0	56	0	131	194	184	204 *	167	99	170	152	148	198 *	173
Johnson Seeds	4747RR	J	169	99	22.0	55	1	114	197 *	172	194 *							
Renk	RK452LLYGCB	KD	162	97	22.0	57	0	131	168	161	187	165	98	188 *	152	140	180	163
Carharts Blue Top	CX1956Bt	G	188 *	105 *	22.0	55	0	154	191	201 *	207 *	180 *	104 *	191 *	156	178 *	194 *	184 *
Dairyland	Stealth 1497		180 *	102	22.0	55	1	138	198 *	183	201 *	175 *	102 *	185 *	161	161 *	192	177
Kaltenberg	K4664		169	99	22.0	55	1	113	191	176	196 *	179 *	104 *	184 *	169 *	160 *	201 *	174
Dahlco	2482Bt	G	192 *	106 *	22.0	55	1	162 *	192	211 *	201 *	170	100	183 *	155	157	184	181 *
Mycogen	2C315		157	96	22.1	53	0	113	162	171	183							
90-DAY HYBRID TRIAL AVERAGE##					22.1													
Garst	8880YG1	G	178	102	22.1	55	0	132	206 *	188	184	177 *	103 *	187 *	166 *	158	197 *	177
Golden Harvest	H7007Bt	G	177	102	22.1	55	0	132	191	194 *	193	174 *	102 *	191 *	164	155	187	176
Legacy Seeds	L2927Bt	G	176	101	22.1	56	0	146	190	177	191							
Mallard	BT2430	G	185 *	104 *	22.2	55	0	147	205 *	190 *	198 *	176 *	102 *	192 *	159	158	197 *	181 *
Garst	8921YG1RR	GJ	173	100	22.2	57	0	123	196	187	185							
NK Brand	N35-B8	KD	170	100	22.4	56	0	159 *	164	163	192	164	97	188 *	146	136	186	167
Lemke	4011Bt	G	185 *	104 *	22.4	55	0	151	204 *	186	201 *	177 *	103 *	199 *	162	161 *	184	181 *
Dahlco	3920Bt	G	178	102	22.5	56	0	139	191	181	200 *							
Kruger	K5692BtLL	KD	166	98	22.5	56	0	129	177	176	182							
Kruger	K1597RR	J	166	98	22.6	56	0	135	176	170	182							
Legacy Seeds	L3077Bt	G	180 *	102	22.6	55	0	141	190	190 *	197 *							
Dairyland	Stealth 5194	G	175	101	22.6	56	0	139	184	177	201 *	175 *	102 *	182	146	169 *	202 *	175
Mycogen	2J454		161	96	22.6	56	0	109	159	175	199 *							
Brunner	S4954		167	98	22.6	55	1	123	184	182	178							
Kruger	K9392RRYGCB	GJ	174	101	22.7	56	0	139	182	175	200 *							

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Table 9 (continued). North Central Zone - Late Maturity Grain Trial (page 3 of 3)

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

BRAND	HYBRID	Genes [†]	2005								2004				8 Trial				
			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	
NK Brand	N3030BT	KD	168	99	22.7	56	0	132	166	179	196 *	162	98	190 *	149	145	164	165	
Dyna Gro	53F09	G	184 *	103 *	22.7	55	1	151	205 *	183	197 *								
Dekalb	DKC47-10(RR2YGCB)	GJ	172	100	22.7	57	0	128	201 *	168	193	168	99	167	168 *	152	184	170	
Pioneer	37R71	G	180 *	102	22.7	53	0	155	176	190 *	197 *	179 *	103 *	191 *	162	168 *	195 *	179 *	
Kaltenberg	K3914BT	G	166	98	22.8	56	0	120	182	176	188								
High Cycle	7454Bt	G	194 *	107 *	22.8	55	1	178 *	199 *	198 *	200 *	183 *	105 *	196 *	163	184 *	189	188 *	
Pioneer	38B84	J	172	99	22.9	57	0	126	192	175	193								
Renk	RK438YGCB	G	180 *	102	22.9	56	0	150	188	179	202 *	177 *	103 *	192 *	167 *	155	191	178	
Kruger	K2697RRYGCB	GJ	178	101	22.9	56	0	122	194	200 *	197 *								
Pioneer	38B85		180 *	102	22.9	57	1	144	189	199 *	187	173 *	101 *	191 *	163	151	187	176	
Mallard	Exp0601	G	172	99	23.3	55	0	125	189	182	194 *								
Dyna Gro	53F49	G	180 *	102	23.4	55	0	155	188	192 *	183	184 *	105 *	203 *	174 *	160 *	197 *	182 *	
Kruger	K1500RR	J	183 *	103 *	23.4	55	0	153	191	181	207 *								
NK Brand	N34-F1	KD	182 *	102	23.6	54	0	150	201 *	175	200 *								
Jeske	JS361		173	99	23.6	56	0	132	188	168	202 *								
NK Brand	N34-D6		163	97	23.7	55	1	129	170	169	185								
Dekalb	DKC48-52(RR2)	J	178	101	23.8	55	0	149	192	181	191	175 *	102 *	182	166 *	148	206 *	177	
Spangler	324+	GN	164	97	24.4	55	0	130	166	176	182								
100-DAY HYBRID TRIAL AVERAGE##					25.2														
Croplan Genetics	401RRBt	GJ	175	99	25.7	55	0	136	180	187	196 *								
Legacy Seeds	L3877BtLL	KD	166	97	25.8	54	0	145	153	174	190								
Brunner	S4605RR	X	158	94	27.2	55	0	120	172	161	180								
Golden Harvest	H7567BtRR	GJ	175	98	27.6	53	0	135	183	179	202 *								
Carharts Blue Top	CR1960RB	GJ	182 *	101	28.9	53	0	188 *	172	162	207 *	162	95	164	151	146	187	172	
Golden Harvest	H7836LL	D	134	84	32.1	52	0	110	140	105	179								
MEAN			172	100	22.5	56	0	136	184	178	189	169	100	183	154	152	187	175	
LSD(0.10)**			14	4	1.2	1	0	31	17	21	16	11	4	20	12	25	17	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.