

Table 9. North Central Zone - Late Maturity Grain Trial (page 1 of 2)

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

BRAND	HYBRID	Genes†	2004								2003					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	
Dairyland	Stealth 1592		156	98	21.4	54	1	154	151	139	180	146	98	102	111	207	162	151	
Pioneer	38W22	LD	173	* 102 *	22.6	54	0	192	* 158	142	200 *								
Brunner	S3792RRBt	GH	177	* 104 *	22.8	50	0	188	* 162	168	* 192								
Brunner	S3630RR	J	169	101 *	22.8	51	1	173	155	166	* 182	148	99	94	131	203	165	159	
Kaltenberg	K4205		146	94	22.9	52	1	162	127	125	170								
Mycogen	2T336	GJ	172	102 *	23.0	50	0	176	164	159	* 188								
Dynagro	53F49	G	184	* 105 *	23.1	52	0	203	* 174 *	160	* 197 *	163	* 103 *	122	* 139	210	181	173 *	
Dairyland	Stealth 7191	GJ	174	* 102 *	23.2	50	0	193	* 158	159	* 184	145	98	96	123	197	166	160	
Renk	RK438YGCB	G	177	* 103 *	23.3	51	0	192	* 167 *	155	191	158	* 102 *	118	* 132	205	178	167	
Johnson Seeds	2194BtRR	G	172	102 *	23.5	50	0	168	156	165	* 199 *	153	101 *	118	* 127	202	167	163	
Kaltenberg	K4664		179	* 104 *	23.5	49	0	184	* 169 *	160	* 201 *	165	* 104 *	130	* 136	207	187 *	172 *	
Brunner	S3686Bt	G	160	98	23.5	51	0	161	139	160	* 180								
90-DAY HYBRID TRIAL AVERAGE##					23.5														
Renk	RK478RRYGCB	GJ	164	99	23.7	51	0	169	152	158	178								
Mycogen	2R426	G	179	* 104 *	23.7	49	0	188	* 159	170	* 201 *	165	* 103 *	127	* 131	205	194 *	172 *	
Pioneer	38P04	LD	179	* 103 *	23.7	51	0	202	* 160	157	196 *	156	101 *	113	* 135	206	171	168 *	
Golden Harvest	H6775Bt	G	153	96	23.7	52	0	167	139	135	174	143	96	102	106	196	167	148	
Spangler	324G	G	171	101 *	23.8	51	0	186	* 159	162	* 177	160	* 101 *	106	125	218	* 191 *	165	
Legacy Seeds	L2797	G	171	101 *	23.8	51	0	195	* 158	156	177								
Croplan Genetics	364Bt	G	180	* 104 *	23.8	49	0	189	* 163	166	* 201 *	168	* 105 *	113	* 156 *	210	194 *	174 *	
Legacy Seeds	L3077		175	* 102 *	23.8	50	0	187	* 159	162	* 193								
Croplan Genetics	334Bt	G	165	99	23.8	50	0	179	156	138	187								
Gold Country	9401CB	G	184	* 105 *	23.9	49	0	196	* 177 *	168	* 196 *	169	* 105 *	114	* 159 *	220	* 181	176 *	
Johnson Seeds	2151		180	* 104 *	23.9	50	1	193	* 169 *	161	* 196 *	164	* 103 *	104	138	222	* 193 *	172 *	
NK Brand	N3030		155	96	23.9	51	1	164	139	142	173								
Dekalb	DKC4295(RRYGCB)	GH	169	101 *	23.9	50	0	178	163	148	188	156	101 *	112	* 129	202	180	162	
Dairyland	Stealth 1497		175	* 102 *	24.0	49	0	185	* 161	161	* 192	161	* 102 *	99	146	* 214 *	186 *	168 *	
Legacy Seeds	L2927	GJ	172	101 *	24.0	51	0	189	* 154	161	* 183								
Dahlman	D4801		170	101 *	24.0	50	1	183	* 163	144	191	167	* 105 *	118	* 138	215	* 200 *	169 *	
Brunner	Exp93		169	101 *	24.0	51	0	174	164	157	182								
Lemke	4011Bt	G	177	* 103 *	24.0	50	0	199	* 162	161	* 184	150	98	93	117	202	188 *	163	
Croplan Genetics	314Bt	G	177	* 103 *	24.0	51	0	190	* 168 *	151	200 *	160	* 101 *	114	* 123	219	* 182	168 *	
Carharts Blue Top	CX1956Bt	G	180	* 104 *	24.1	49	0	191	* 156	178	* 194 *	162	* 102 *	118	* 116	221	* 194 *	171 *	
High Cycle	HC7454YGCB	G	183	* 105 *	24.1	50	0	196	* 163	184	* 189								
Pioneer	38H67		177	* 103 *	24.2	50	0	198	* 162	151	198 *								
Mallard	EXP0504	G	170	100	24.2	51	1	187	* 162	141	190								
Bio Gene	BG0940		171	101 *	24.3	49	1	177	156	163	* 188	155	100 *	107	124	212	179	163	
Brown	4250YGCB	G	172	101 *	24.3	49	0	190	* 159	165	* 174	160	* 102 *	112	* 130	212	187 *	166	
Gold Country	9201CBR	GJ	174	* 102 *	24.3	51	0	179	162	167	* 186								
Dairyland	Stealth 5194	G	175	* 102 *	24.3	51	0	182	146	169	* 202 *	160	* 102 *	126	* 123	210	183	168 *	
Brunner	S3704Bt	G	180	* 104 *	24.3	50	0	199	* 160	170	* 192								
Garst	8880YG1	G	177	* 103 *	24.3	50	0	187	* 166 *	158	197 *	161	* 102 *	106	128	214	* 194 *	169 *	
LG Seeds	LG2407Bt	G	165	99	24.3	51	0	172	154	145	189	160	* 102 *	105	148	* 197	188 *	162	
Brown	3020YGCB	G	163	98	24.4	51	0	185	* 137	148	181	155	100 *	104	121	215	* 179	159	
Dahlco	X3920RRBt	GJ	172	101 *	24.4	51	0	200	* 156	148	184								
RAGT Semences	MX156		169	100	24.4	52	1	194	* 160	134	190	165	* 103 *	129	* 120	215	* 194 *	167	
Jung	6418RRYGCB	GJ	164	99	24.5	50	0	182	148	136	192	153	101 *	125	* 120	181	185	159	
Dahlco	2482Bt	G	170	100	24.5	49	0	183	* 155	157	184								
Pioneer	37A91		176	* 102 *	24.6	50	0	192	* 164	146	201 *								
Mallard	BT2430	G	176	* 102 *	24.6	49	0	192	* 159	158	197 *								

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

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

BRAND	HYBRID	Genes [†]	2004								2003					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
Midwest	G6963B	G	175 *	102 *	24.6	49	0	199 *	163	143	195 *	160 *	102 *	115 *	125	214 *	184	167
Johnson Seeds	4881	N	166	99	24.6	48	1	179	157	132	196 *							
Dahlman	R4815RR	J	167	99	24.7	49	1	170	152	148	198 *	163 *	104 *	125 *	146 *	205	179	165
95-DAY HYBRID TRIAL AVERAGE##			24.7															
Dahlman	D4815Bt	G	178 *	103 *	24.8	49	0	195 *	162	160 *	196 *	151	98	86	135	202	179	165
Mallard	3411CB	G	150	94	24.9	50	0	166	135	114	186							
Jung	6432YGCB	G	178 *	103 *	24.9	49	1	202 *	162	159 *	191	160 *	101 *	101	133	215 *	192 *	169 *
Golden Harvest	H7007Bt	G	174 *	102 *	24.9	49	0	191 *	164	155	187							
Dekalb	DKC4852(RR2)	J	175 *	102 *	24.9	50	1	182	166 *	148	206 *							
North Gro	4767YGCB	G	176 *	102 *	24.9	49	0	196 *	159	152	197 *							
Dairyland	Stealth 5692	G	159	97	24.9	50	0	180	147	139	168							
Renk	RK488YGCB	G	178 *	102 *	24.9	49	1	197 *	160	156	197 *	169 *	105 *	128 *	143 *	214 *	191 *	173 *
Pioneer	38B85		173 *	101 *	25.0	51	1	191 *	163	151	187							
NK Brand	N32-L9	KD	164	99	25.0	49	1	182	149	159 *	167	162 *	102 *	120 *	102	231 *	195 *	163
Lemke	4021Bt	G	150	94	25.0	50	0	159	140	123	178	150	98	107	107	213 *	174	150
Dairyland	Stealth 5497	G	166	99	25.1	48	0	181	156	139	187	156	100 *	106	125	212	180	161
Pioneer	37R71	G	179 *	103 *	25.3	49	0	191 *	162	168 *	195 *	158 *	99	108	115	214 *	189 *	168 *
NK Brand	N3030BT	K	162	98	25.3	51	0	190 *	149	145	164	149	98	121 *	97	200	172	155
NK Brand	N29-A2	K	168	99	25.3	50	0	187 *	132	158	195 *							
RAGT Semences	MX334		181 *	103 *	25.6	49	1	201 *	151	163 *	211 *							
Legacy Seeds	L3187	G	171	100	25.7	49	0	191 *	157	140	197 *							
Renk	RK452LLYGCB	KD	165	98	25.7	51	0	188 *	152	140	180							
Dahlman	D4747Bt	G	158	96	25.8	50	0	187 *	135	133	178	156	100 *	102	116	229 *	177	157
Jeske	SX224		137	90	25.8	48	0	134	124	135	155	140	94	101	91	190	169	137
Dekalb	DKC4442(YGCB)	G	174 *	101 *	25.8	49	0	191 *	158	159 *	190	161 *	102 *	129 *	114	210	189 *	167
100-DAY HYBRID TRIAL AVERAGE##			25.8															
Dekalb	DKC4623(YGCRW)	N	167	99	26.1	49	1	173	152	150	191							
Dekalb	DKC4710(RRYGCB)	GH	168	99	26.1	49	0	167	168 *	152	184	166 *	104 *	124 *	129	222 *	191 *	167
Gold Country	9604CB	G	154	95	26.1	50	0	172	136	146	162							
Brunner	EXP95		156	95	26.2	49	0	177	130	134	182							
Legacy Seeds	L3297	G	159	96	26.2	49	0	183 *	129	155	169							
Croplan Genetics	354Bt	G	160	96	26.3	51	0	164	147	133	195 *	158 *	101 *	120 *	123	205	183	159
Golden Harvest	EX36962Bt	G	146	93	26.3	50	0	153	131	142	158							
La Crosse Forage	LC7383		173 *	101 *	26.6	49	0	186 *	160	166 *	180	155	99	95	130	214 *	183	164
Johnson Seeds	3565		153	94	27.1	48	0	163	135	121	193	147	96	93	108	209	177	150
Brunner	S4498		179 *	102 *	27.2	50	0	196 *	161	165 *	195 *							
NK Brand	N35-B8	K	164	97	27.3	49	0	188 *	146	136	186	156	101 *	117 *	128	198	178	160
Dekalb	DKC5141(RR2YGRW)	NJ	173 *	100	27.4	49	0	190 *	157	158	188							
La Crosse Forage	LC7423RR	X	159	96	27.6	48	1	181	139	149	168							
Golden Harvest	H7108		163	97	28.0	50	1	165	147	149	191							
Kaltenberg	K4935LLYGCB	K	165	97	28.4	50	0	176	147	161 *	176							
Golden Harvest	H7470Bt	G	166	97	28.5	49	0	185 *	149	158	171							
Renk	RK632YGCB	G	169	97	30.2	48	1	195 *	152	125	204 *							
Carharts Blue Top	CR1960RB	GJ	162	95	30.3	48	0	164	151	146	187							
MEAN			169	100	24.9	50	0	183	154	152	187	155	100	110	124	206	179	164
LSD(0.10)**			11	4	1.4	1	1	20	12	25	17	12	5	23	19	18	14	8

[†] 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.