

# 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 <sup>†</sup>	2003								2002					2 YEAR	
			AVERAGE				CHP	MAR	SEY	VAL	AVERAGE		CHP	MAR	VAL	AVERAGE	
			Yield bu/A	P.I. #	Moist Test %	Lodged Wt. %	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	
Kussmaul	K492		134	95	18.6	55	0	99	96	183	155						
Dairyland	Stealth 1592		146	98	19.1	55	1	102	111	207	162						
Dairyland	Stealth 7191	GX	145	98	19.6	53	0	96	123	197	166						
High Cycle	7495Rb	GJ	155	101 *	20.3	53	0	109	127	217 *	169						
Jung	6420	GJ	146	98	20.4	53	1	97	119	198	170						
Brunner	S3630RR	X	148	99	20.4	55	0	94	131	203	165						
Dairyland	Stealth 1692		139	96	20.8	54	1	98	107	192	160						
Wolf River Valley	2493RR	GX	162 *	104 *	20.9	53	0	120 *	146 *	205	180						
Kussmaul	SB392RR	J	150	99	21.0	55	0	102	127	202	170						
Johnson Seeds	2194BtRR	XX	153	101 *	21.1	54	0	118 *	127	202	167						
Renk	RK438YGCB	G	158 *	102 *	21.3	54	2	118 *	132	205	178						
NK Brand	N32L9	KD	162 *	102 *	21.4	52	1	120 *	102	231 *	195 *	191 *	107 *	208 *	209 *	158 *	176 *
90-DAY HYBRID TRIAL AVERAGE##					21.5												
Jung	6418	GJ	153	101 *	21.5	53	0	125 *	120	181	185						
LG Seeds	LG2415		139	95	21.7	54	1	97	103	194	162						
Pioneer	38P04	L	156	101 *	21.7	54	0	113 *	135	206	171						
Dahlman	D4801		167 *	105 *	21.8	52	1	118 *	138	215 *	200 *	187 *	105 *	180	218 *	162 *	178 *
Dahlman	D4747	G	156	100 *	21.8	53	1	102	116	229 *	177						
Great Lakes	4256Bt	G	165 *	104 *	21.8	54	0	120 *	139	215 *	187 *						
Croplan Genetics	344Bt	G	141	95	21.9	54	1	91	114	199	160	175 *	102 *	172	203 *	149	157
Dekalb	DKC4295(RRYGCB)	GH	156	101 *	22.0	53	0	112 *	129	202	180						
Spangler	324G	G	160 *	101 *	22.0	54	0	106	125	218 *	191 *						
LG Seeds	LG2407Bt	G	160 *	102 *	22.0	53	0	105	148 *	197	188 *						
Dairyland	Stealth 5497	G	156	100 *	22.0	53	1	106	125	212	180						
Croplan Genetics	314Bt	G	160 *	101 *	22.0	54	1	114 *	123	219 *	182						
Midwest	G6963B	G	160 *	102 *	22.0	53	1	115 *	125	214 *	184						
Lemke	4011Bt	G	150	98	22.1	52	2	93	117	202	188 *						
Dairyland	Stealth 1497		161 *	102 *	22.1	52	1	99	146 *	214 *	186 *	179 *	103 *	181	196	161 *	171 *
Kaltenberg	K4688	X	158 *	101 *	22.1	52	1	96	136	215 *	187 *						
Dahlman	D4815	G	151	98	22.1	52	1	86	135	202	179						
North-Gro	4674Y	G	150	98	22.1	54	1	102	107	211	180						
Bio Gene	BG940		155	100 *	22.1	53	1	107	124	212	179						
Carharts Blue Top	CX1956Bt	G	162 *	102 *	22.2	52	0	118 *	116	221 *	194 *						
Lemke	4021Bt	G	150	98	22.2	54	0	107	107	213 *	174						
Johnson Seeds	2238RR	X	163 *	103 *	22.2	53	1	112 *	138	218 *	185						
NK Brand	N35B8	GD	156	101 *	22.3	51	1	117 *	128	198	178						
Jung	6432	G	160 *	101 *	22.3	52	1	101	133	215 *	192 *						
North-Gro	4460RR	J	160 *	102 *	22.4	53	1	118 *	129	216 *	175						
Mycogen	2K350	G	158 *	102 *	22.4	53	0	135 *	117	203	176						
Kussmaul	SB494RR	J	145	96	22.4	54	0	92	118	200	168						
Johnson Seeds	2151		164 *	103 *	22.4	52	1	104	138	222 *	193 *						
Brown	3020YGCB	G	155	100 *	22.4	53	0	104	121	215 *	179						
Golden Harvest	H6775Bt	G	143	96	22.4	56	0	102	106	196	167	185 *	105 *	184 *	210 *	161 *	163
Agripro	8880YG1	G	161 *	102 *	22.4	52	0	106	128	214 *	194 *						
95-DAY HYBRID TRIAL AVERAGE##					22.5												

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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 <sup>†</sup>	2003								2002					2 YEAR		
			AVERAGE				Lodged	CHP	MAR	SEY	VAL	AVERAGE		CHP	MAR	VAL	AVERAGE	
			Yield bu/A	P.I. #	Moist %	Test Wt.						Yield bu/A	P.I. #					Yield bu/A
Ragt Semences	MX156		165 *	103 *	22.6	53	2	129 *	120	215 *	194 *							
Jung	6370	G	152	99	22.6	53	0	111	119	204	176	176 *	102 *	181	208 *	138	164	
NK Brand	N3030BT	KD	149	98	22.7	53	0	121 *	97	200	172	183 *	104 *	187 *	207 *	154	165	
Gold Country	9401CB	G	169 *	105 *	22.7	53	0	114 *	159 *	220 *	181							
Dekalb	DKC4446(RRYGCB)	GH	163 *	103 *	22.7	52	0	126 *	133	206	186 *	195 *	108 *	200 *	207 *	179 *	179 *	
Brown	4250YGCB	G	160 *	102 *	22.7	52	1	112 *	130	212	187 *							
Dynagro	53F49	G	163 *	103 *	22.8	54	0	122 *	139	210	181							
Croplan Genetics	364Bt	G	168 *	105 *	22.8	52	0	113 *	156 *	210	194 *							
Dairyland	Stealth 1496		146	96	22.8	51	1	98	106	198	182	180 *	103 *	187 *	202 *	149	162	
Dahlman	R4815	X	163 *	104 *	22.8	52	1	125 *	146 *	205	179							
Dynagro	53P30	GX	150	99	22.8	54	0	114 *	125	176	185							
Dairyland	Stealth 5194	G	160 *	102 *	22.9	53	0	126 *	123	210	183							
Wolf River Valley	2496	G	163 *	102 *	22.9	53	0	112 *	131	221 *	190 *							
High Cycle	7301Bt	G	148	98	22.9	53	0	99	125	198	172							
Kaltenberg	K4664		165 *	104 *	22.9	53	1	130 *	136	207	187 *	174	101 *	164	202 *	155	170 *	
Jung	2432		152	99	23.0	52	1	105	138	195	172	181 *	103 *	186 *	211 *	145	166	
La Crosse Forage	LC7333		116	88	23.1	53	3	90	99	144	132							
Dekalb	DKC4710(RRYGCB)	GH	166 *	104 *	23.1	54	0	124 *	129	222 *	191 *							
Brunner	EXP96		148	98	23.1	54	0	121 *	103	191	178							
Renk	RK622		147	96	23.4	52	1	90	113	211	172	177 *	101 *	161	212 *	158 *	161	
Dekalb	DKC4442(YGCB)	G	161 *	102 *	23.4	51	0	129 *	114	210	189 *	183 *	104 *	172	206 *	170 *	172 *	
Dynagro	53F09	G	169 *	105 *	23.5	52	0	131 *	139	213 *	194 *							
Jeske	SX224		140	94	23.5	51	0	101	91	190	169	152	94	156	182	118	146	
La Crosse Forage	LC7383		155	99	23.5	51	1	95	130	214 *	183							
Mycogen	2R426	G	165 *	103 *	23.7	52	0	127 *	131	205	194 *							
Johnson Seeds	3565		147	96	23.7	51	1	93	108	209	177							
Renk	RK488YGCB	G	169 *	105 *	23.8	53	0	128 *	143 *	214 *	191 *							
La Crosse Forage	LC7953Bt	X	138	93	23.8	51	0	82	114	186	173							
La Crosse Forage	LC7415		145	96	23.8	54	1	108	105	202	163	139	89	150	174	92	144	
Pioneer	38A25	G	162 *	102 *	23.9	54	1	128 *	127	208	183	186 *	105 *	203 *	208 *	148	174 *	
Croplan Genetics	354Bt	G	158 *	101 *	23.9	54	0	120 *	123	205	183							
Pioneer	37J99	C	164 *	102 *	24.1	51	1	120 *	125	225 *	184							
Dekalb	DKC4884(RRYGCB)	GH	156	99	24.2	52	0	107	120	208	185							
Pioneer	37R71	G	158 *	99	24.7	50	0	108	115	214 *	189 *	177 *	102 *	166	207 *	159 *	167	
<b>100-DAY HYBRID TRIAL AVERAGE##</b>					24.9													
Dynagro	DG5295Bt	G	155	97	28.6	50	0	109	117	204	189 *							
<b>MEAN</b>			155	100	22.4	53	1	110	124	206	179	172	100	172	201	143	166	
<b>LSD(0.10)**</b>			12	5	1.5	1	1	23	19	18	14	20	7	26	18	21	10	

<sup>†</sup> 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.