

Table 6. South Central Zone - Early Maturity Grain Trial (page 1 of 2)

100 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (FOND DU LAC = FON, GALESVILLE = GAL, HANCOCK = HAN)

BRAND	HYBRID	Genes†	2004							2003					6 Test		
			AVERAGE				FON	GAL	HAN	AVERAGE			FON	GAL	HAN	AVERAGE	
			Yield bu/A	P.I. #	Moist %	Test Wt.	Lodged %	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	
Kruger	K9392YGCB	G	187	100	19.5	54	0	145	200	211							
Kruger	K2193RRYGCB	GJ	170	95	19.6	55	0	136	181	187							
Dynagro	53F49	G	177	97	19.7	54	0	144	186	195	193	100	185 *	180	213		184
Spangler	324G	G	176	96	19.8	54	0	130	192	201	190	99	179 *	173	219		182
Croplan Genetics	364Bt	G	193	101	19.9	53	0	153	202	218	195	100	174 *	183	229		193
Johnson Seeds	2151		192	101	19.9	53	0	147	212	211	196	100	180 *	171	237 *		193
Garst	8922YG1	G	187	100	19.9	54	0	157	205	194	193	100	179 *	181	218		189
Kruger	K9392RRYGCB	GJ	177	97	20.0	54	1	139	185	202							
Spangler	331G	G	191	100	20.0	54	0	150	194	221							
Johnson Seeds	2194BtRR	G	169	95	20.1	53	0	140	179	183							
Legacy Seeds	L2927	GJ	187	99	20.1	55	0	147	193	216							
Croplan Genetics	334Bt	G	181	98	20.2	55	0	144	196	197							
Growmark	FS3584		193	101	20.2	53	1	162	200	212	196	100	179 *	180	228		194
Top Farm	2395		182	98	20.4	52	1	153	193	195							
Great Lakes	4297RR,Bt	GJ	182	98	20.4	55	0	137	186	216							
Kussmaul	SB5595RR	J	186	99	20.5	53	1	141	194	216							
Mycogen	2R426	G	196	101	20.5	53	0	153	206	223	197	101 *	183 *	182	226		195
AgriGold	A6205Bt	G	197	102	20.5	52	0	161	217	208	204	102 *	185 *	190	238 *		200
Midwest	G6963B	G	194	101	20.6	52	0	157	202	218	194	100	183 *	190	208		193
Renk	RK452LLYGCB	KD	203	103 *	20.6	53	0	172	214	215							
Golden Harvest	H7007Bt	G	206	104 *	20.6	53	0	180 *	214	219							
Dekalb	DKC4852(RR2)	J	180	97	20.7	53	0	144	189	200							
OBrien	OB944Bt	G	196	102	20.7	54	0	171	183	228	199	101 *	175 *	179	242 *		196
Kruger	K9496YGCB	G	194	100	20.7	52	1	139	220	218	200	101 *	184 *	190	225		196
Badgerland	BL466		189	100	20.7	52	0	153	197	210							
Garst	8880YG1	G	197	102	20.8	52	0	157	197	230	206	102 *	177 *	190	249 *		200
Legacy Seeds	L3077		187	99	20.8	53	0	147	205	204							
Dekalb	DKC4623(YGCRW)	N	182	98	20.8	52	0	158	184	196							
Renk	RK488YGCB	G	190	100	20.8	52	0	150	205	210	211 *	103 *	188 *	197	247 *		199
95-DAY HYBRID TRIAL AVERAGE##			20.8														
Great Lakes	4623Bt	G	186	99	20.8	53	0	148	199	206	198	101 *	173 *	198	222		191
LG Seeds	LG2463Bt	G	186	98	20.9	52	2	127	197	227	187	98	167	191	203		185
NK Brand	N3030		173	95	21.0	54	1	128	191	195							
Lemke	4011Bt	G	188	99	21.2	52	0	151	199	208	202	101 *	171	200	235		194
Carharts Blue Top	CX1956Bt	G	201	103 *	21.2	52	0	174 *	202	220	207 *	103 *	189 *	191	239 *		203
Dynagro	53F09	G	203	103 *	21.3	52	0	167	212	224	195	100	189 *	180	217		198
Dairyland	Stealth 5497	G	197	101	21.3	52	0	158	215	211	195	100	178 *	193	214		195
Foundation	8880E		197	102	21.3	52	0	172	205	209							
Lemke	4021Bt	G	190	100	21.3	53	0	173 *	194	198							
Dahlco	2482Bt	G	197	101	21.3	52	0	156	202	228							
Spangler	353G	G	197	102	21.4	52	0	170	198	216							
Access	A1500RR	J	220 *	108 *	21.4	53	1	199 *	205	250 *							
Crows	1703B	G	189	99	21.4	52	0	154	210	197	203	102 *	188 *	190	230		195
Kussmaul	K595		197	101	21.4	52	0	147	216	223	184	97	165	171	215		190
Pioneer	38H67		208	104 *	21.5	51	1	162	222	233							

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Table 6 (continued). South Central Zone - Early Maturity Grain Trial (page 2 of 2)

100 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (FOND DU LAC = FON, GALESVILLE = GAL, HANCOCK = HAN)

BRAND	HYBRID	Genes [†]	2004							2003					6 Test			
			AVERAGE				FON	GAL	HAN	AVERAGE			FON	GAL	HAN	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	Yield bu/A	Yield bu/A			
Top Farm	7496Bt	G	185	98	21.5	53	1	139	207	204								
Jung	6432YGCB	G	206	104 *	21.6	52	0	177 *	217	219	201	102 *	183 *	201	218		203	
Access	A1597RR	J	197	101	21.6	53	0	168	196	220								
Hughes	2970	G	229 *	110 *	21.7	52	0	201 *	240 *	238	204	101 *	161	212	238 *		215 *	
La Crosse Forage	LC7455		219 *	107 *	21.9	53	1	161	250 *	241								
Kruger	K5594YGCB	G	176	96	21.9	53	0	168	182	172								
High Cycle	HC7454YGCB	G	197	102	22.0	52	0	179 *	184	221								
Dekalb	DKC4446(RRYGCB)	GH	197	102	22.0	52	0	185 *	211	191	203	102 *	182 *	202	225		199	
Dairyland	Stealth 1598		205	103 *	22.1	51	0	164	216	230	187	98	150	191	220		195	
La Crosse Forage	LC7383		201	102	22.1	52	0	156	229	213								
Bio Gene	BG0991		181	97	22.3	51	0	140	190	208								
Badgerland	BL484		191	100	22.3	51	0	154	203	211								
Johnson Seeds	3565		194	100	22.5	51	0	165	217	195								
Lemke	5015Bt	G	215 *	105 *	22.6	52	0	157	246 *	237	206	102 *	164	205	248 *		210 *	
Croplan Genetics	354Bt	G	185	98	22.6	54	0	167	182	200	194	99	170	186	226		188	
Johnson Seeds	4650		192	99	22.9	51	0	146	201	222	198	100	157	202	233		194	
AgriGold	A6235Bt	G	195	100	23.3	52	0	164	209	204	196	100	181 *	190	217		194	
100-DAY HYBRID TRIAL AVERAGE##					23.5													
RAGT Semences	MX444		220 *	106 *	23.5	52	0	175 *	238 *	242								
Golden Harvest	EX47566Bt	G	206	104 *	23.6	51	0	198 *	201	214								
Dekalb	DKC5018(YGCB)	G	195	100	23.6	52	0	158	214	206	209 *	102 *	185 *	199	241 *		201	
Golden Harvest	H7470Bt	G	199	101	23.6	50	1	173 *	198	220								
Top Farm	2301		191	99	23.7	51	0	163	207	198								
Renk	RK632YGCB	G	202	102	23.9	51	0	171	219	209								
High Cycle	HC7560YGCB	G	219 *	106 *	24.1	51	0	173 *	232 *	248 *	221 *	105 *	184 *	226 *	251 *		219 *	
High Cycle	HC5B353YGCB	G	231 *	109 *	24.2	51	0	181 *	241 *	264 *								
La Crosse Forage	LC7965Bt	G	200	101	24.4	51	0	154	213	226								
LG Seeds	LG2489Bt	G	179	96	24.6	51	0	161	187	183								
Carharts Blue Top	CR1960RB	GJ	208	103 *	24.8	50	0	171	221	226								
Legacy Seeds	L4199	GJ	200	101	25.0	51	0	165	219	212								
OBrien	OB1005		222 *	106 *	25.0	51	0	178 *	237 *	243								
Johnson Seeds	4888	NJ	195	99	26.5	51	0	169	201	209								
AgriGold	A6263		196	99	26.7	49	0	171	213	199								
Lemke	5051Bt	G	213 *	103 *	27.0	50	0	186 *	220	229								
Kaltenberg	K4950		186	93	34.8	50	0	183 *	190	181	209 *	103 *	184 *	201	241 *		197	
MEAN			195	101	22.0	52	0	160	206	213	197	100	172	191	229		196	
LSD(0.10)**			22	7	1.3	1	1	28	20	19	14	4	16	12	19		11	

[†] 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.