

Table 6. South Central Zone - Early Maturity Grain Trial (page 1 of 3)

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

BRAND	HYBRID	Genes [†]	2005									2004			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		
Dekalb	DKC40-05		218	99	17.6	57	0	193	200	260								
Kruger	K0693		220	99	17.8	57	0	204	210	248								
Dekalb	DKC42-95(RR2YGCB)	GJ	216	98	18.1	57	0	199	216	234								
Kussmaul	SB5595RRCRW	NJ	192	93	18.2	59	0	183	179	215								
Dekalb	DKC47-10(RR2YGCB)	GJ	211	97	18.2	57	0	196	212	223								
Kruger	K9496RR	J	218	98	18.3	57	0	200	205	248								
Kaltenberg	K4688Bt	G	226	100	18.4	57	0	208	223	247								
Kruger	K9392RRYGCB	GJ	211	97	18.4	58	0	193	213	228	177	97	139	185	202		193	
Carharts Blue Top	CX1956Bt	G	225	100	18.5	57	0	216 *	224	235	201	103 *	174 *	202	220		212	
Johnson Seeds	4747RR	J	229	101	18.5	55	1	209	224	253								
Mycogen	2J454		236	102	18.5	55	0	201	237	270 *								
Kussmaul	SB492RR	J	204	95	18.5	59	0	189	193	228								
Dairyland	Stealth 5497	G	228	101	18.6	57	0	207	219	257	197	101	158	215	211		211	
Golden Harvest	H7007Bt	G	226	100	18.6	56	0	207	225	247	206	104 *	180 *	214	219		215	
Kruger	K9593RRYGCB	GJ	191	93	18.6	59	0	181	179	214								
Jung	6432YGCB	G	231	101	18.6	57	0	211	224	257	206	104 *	177 *	217	219		218	
Kruger	K9496YGCB	G	232	101	18.6	56	0	212	218	266 *	194	100	139	220	218		212	
Kruger	K1697RR	J	222	99	18.7	56	0	196	213	257								
Dekalb	DKC48-52(RR2)	J	227	100	18.7	56	0	215	225	242	180	97	144	189	200		203	
Croplan Genetics	355RRBt	GJ	210	97	18.7	57	0	190	212	229								
Renk	RK452LLYGCB	KD	211	97	18.8	57	0	197	205	231	203	103 *	172	214	215		206	
Pioneer	37A92	G	229	101	18.8	55	0	207	214	265 *								
Mycogen	2R426	G	229	101	18.8	57	1	202	227	258	196	101	153	206	223		211	
High Cycle	5B622	G	247 *	104 *	18.8	56	1	214	259 *	268 *								
Renk	RK488YGCB	G	229	101	18.8	57	0	205	226	256	190	100	150	205	210		209	
Kruger	K1597RR	J	225	100	18.8	57	0	205	218	250								
Spangler	324+	GN	207	96	18.8	58	1	187	213	222								
Lemke	4058Bt	GD	229	101	18.9	56	1	215	233	238								
95-DAY HYBRID TRIAL AVERAGE##			18.9															
Croplan Genetics	388RRBt	GJ	223	99	18.9	57	1	208	218	243								

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Table 6 (continued). South Central Zone - Early Maturity Grain Trial (page 2 of 3)

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

BRAND	HYBRID	Genes†	2005									2004			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	
AgriGold	A6205Bt	G	229	101	18.9	57	0	208	218	259	197	102	161	217	208	212	
Garst	8880YG1	G	231	101	18.9	57	0	213	224	256	197	102	157	197	230	213	
Kruger	K2699RRYGCB	GJ	213	97	19.0	57	0	197	209	234							
Dyna Gro	53F09	G	225	100	19.0	57	0	202	221	252	203	103 *	167	212	224	213	
LG Seeds	LG2475BtRR	GJ	217	98	19.0	57	0	196	210	244							
Kruger	K5697YGCB	G	237	102	19.1	57	1	214	243	255							
Kruger	K0695		241	103 *	19.2	55	1	218 *	243	261 *							
Kruger	K2697RRYGCB	GJ	229	101	19.2	57	1	219 *	232	236							
Kaltenberg	K4935LLBt	KD	229	101	19.2	56	0	222 *	233	230							
Pioneer	38H66	J	216	98	19.2	55	0	207	210	230							
Kruger	K1500RR	J	242	103 *	19.3	57	0	225 *	226	276 *	220 *	108 *	199 *	205	250 *	230 *	
NK Brand	N34-F1	KD	220	99	19.4	54	0	207	218	236							
Pioneer	37F73		248 *	105 *	19.4	56	0	223 *	244	279 *							
Spangler	369LG	KD	227	100	19.5	56	0	203	233	246							
Pioneer	38B85		226	100	19.5	56	1	208	229	240							
Dairyland	Stealth 1598		222	99	19.6	56	0	181	254	232	205	103 *	164	216	230	213	
High Cycle	5B578	G	221	99	19.6	55	0	199	252	212							
AgriGold	A6235		213	97	19.6	56	0	199	221	220							
Mycogen	2A498		242	103 *	19.6	57	0	206	252	267 *							
Kruger	K1698RR	J	229	100	19.7	56	1	211	249	229							
Croplan Genetics	421RRBt	GJ	235	101	19.9	57	0	210	236	258							
AgriGold	A6225BtRR	GJ	241	103 *	19.9	57	0	215	241	266 *							
Golden Harvest	H7282LL	D	231	100	20.0	55	0	197	247	249							
Croplan Genetics	401RRBt	GJ	226	100	20.1	57	1	210	228	240							
La Crosse Forage	LC4531		215	97	20.1	56	1	188	225	233							
High Cycle	5H199	LD	242	103 *	20.1	55	1	223 *	244	260							
Spangler	398		226	99	20.2	56	0	198	238	243							
100-DAY HYBRID TRIAL AVERAGE##						20.2											
Kruger	K0600		218	97	20.3	56	1	190	222	242							
Midwest	4S502	GJ	234	101	20.3	57	0	215	230	256							

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BRAND	HYBRID	Genes [†]	2005									2004			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		
Crows	4S502	GJ	244 *	103 *	20.4	57	0	213	239	281 *								
High Cycle	7560Bt	G	261 *	107 *	20.4	54	0	229 *	274 *	279 *	219 *	106 *	173 *	232 *	248 *			239 *
High Cycle	5P947	GN	247 *	104 *	20.4	56	1	219 *	264 *	257								
Unity Seeds	6100		220	98	20.5	55	0	182	223	253								
Lemke	5015Bt	G	233	101	20.6	57	0	193	259 *	246	215 *	105 *	157	246 *	237			223
OBrien	OBI006		178	88	20.6	56	0	156	146	232								
Jung	6422RRYGCB	GJ	244 *	103 *	20.8	56	1	207	262 *	263 *								
Kussmaul	K500		246 *	104 *	20.8	55	1	224 *	255	258								
OBrien	OB1005		240	102	20.9	55	1	204	250	264 *	222 *	106 *	178 *	237 *	243			230 *
La Crosse Forage	LC7455		229	99	21.3	57	1	181	243	262 *	219 *	107 *	161	250 *	241			223
Dahlco	3099Bt	G	236	101	21.5	57	0	213	250	246								
Kruger	K2600RRYGCB	GJ	239	102	21.7	57	0	210	254	254								
High Cycle	5B353	G	245 *	103 *	21.7	55	0	208	256	270 *	231 *	109 *	181 *	241 *	264 *			237 *
Brunner	EXP102RR	X	238	101	22.1	54	0	214	256	243								
Carharts Blue Top	CR1960RB	GJ	239	102	22.2	54	1	215	265 *	239	208	103 *	171	221	226			223
AgriGold	XA5020BtRR	GJ	243	102	22.3	54	0	207	265 *	259								
Johnson Seeds	4651BtRR	GJ	238	101	22.4	54	0	215	252	248								
Legacy Seeds	L4237		242	102	22.8	55	0	211	257	256								
MEAN			227	100	19.6	56	0	205	230	248	195	101	160	206	213			216
LSD(0.10)**			17	4	0.8	1	1	13	16	20	22	7	28	20	19			12

[†] 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.