

Table 4. Southern Zone - Early Maturity Grain Trial (page 1 of 3)

105 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (ARLINGTON = ARL, JANESVILLE = JAN, LANCASTER = LAN)

BRAND	HYBRID	Genes [†]	2005									2004			6 Test	
			AVERAGE						ARL	JAN	LAN	AVERAGE	ARL	JAN	LAN	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	Yield bu/A
Kruger	K1500RR	J	219	100	19.7	59	2	213	204	240	234 *	103 *	209	258 *	233	226
NK Brand	N45-A6	KD	223	101	20.0	56	1	232	203	236						
Dekalb	DKC52-47(RR2YGCB)	GJ	225	101	20.0	58	4	222	217	236	232	102 *	218 *	239 *	238	228
Dekalb	DKC51-41(RR2YGRW)	NJ	217	99	20.4	58	1	222	200	230	206	97	194	202	223	212
Hughes	3235CB	G	235	103 *	20.5	56	1	229	226 *	249 *						
Renk	RK772YGCB	G	234	102 *	20.6	56	3	225	215	261 *	224	100 *	208	224	241	229 *
Croplan Genetics	401RRBt	GJ	221	100	20.6	58	3	236 *	199	227						
Kruger	K0603B		216	98	20.7	55	4	217	207	224						
Legacy Seeds	L4199BtRR	GJ	215	99	20.7	58	1	205	215	226						
Jung	6422RRYGCB	GJ	228	100	20.7	57	9	210	219	256 *						
Dairyland	Stealth 5201	G	230	101	20.9	57	6	226	210	255 *						
Hughes	2970CB	G	227	101	21.1	59	2	219	220 *	240						
La Crosse Forage	LC7455		204	96	21.1	59	2	210	177	226	228	101 *	205	242 *	236	216
Kruger	K3503TS	GNJ	223	99	21.2	57	9	216	212	239						
Wyffels	W2690		227	101	21.4	57	1	219	219	243	219	99	208	228	220	223
100-DAY HYBRID TRIAL AVERAGE##					21.8											
Kruger	K5602YGCB	G	219	99	21.8	58	3	225	199	232						
Renk	RK684		208	96	21.8	57	4	208	182	233						
Kruger	K0605A		227	100	22.0	54	3	227	200	253 *						
Kruger	K0605B		244 *	104 *	22.1	55	4	256 *	231 *	246						
Wyffels	W3813	G	213	98	22.1	56	1	213	206	219	240 *	102 *	224 *	246 *	249	226
Garst	8665YG1	G	228	100	22.3	56	3	216	215	253 *						
Kruger	K9203RRYGCB	GJ	230	101	22.3	55	3	222	225 *	244						
Garst	8689IT	C	241 *	103 *	22.4	55	7	233	226 *	263 *						
Mycogen	2R570	LD	230	101	22.4	54	2	225	211	254 *	243 *	103 *	215	257 *	256 *	236 *
Wyffels	W2717	GJ	233	102 *	22.5	54	2	240 *	219	240						
Kruger	K0603A		230	101	22.5	56	4	233	224 *	232						
Pioneer	35A30		239 *	103 *	22.5	57	4	246 *	218	254 *						
High Cycle	5P825	GN	221	99	22.6	57	0	237 *	202	224						
Spangler	5003+	GN	221	99	22.6	55	0	221	216	227						

CONTINUED.

Table 4 (continued). Southern Zone - Early Maturity Grain Trial (page 2 of 3)

105 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (ARLINGTON = ARL, JANESVILLE = JAN, LANCASTER = LAN)

BRAND	HYBRID	Genes [†]	2005									2004			6 Test	
			AVERAGE						ARL	JAN	LAN	AVERAGE	ARL	JAN	LAN	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
Cornelius	C382YG	G	233	101	22.6	55	3	229	222 *	248 *	245 *	103 *	220 *	251 *	265 *	239 *
High Cycle	5B353	G	231	101	22.6	56	0	235	211	246						
Kruger	K5405YGCB	G	229	101	22.7	56	1	235	206	246						
Dairyland	Stealth 5204	G	238 *	103 *	22.8	56	2	249 *	216	250 *						
Hughes	4415RRCRW	NJ	201	95	22.9	55	1	205	177	221						
High Cycle	5B739	G	231	101	22.9	56	1	232	213	249 *						
AgriGold	A6305Bt	G	221	99	22.9	56	1	226	205	233	241 *	102 *	215	242 *	265 *	231 *
Hughes	3375CBRR	GJ	225	99	22.9	54	3	226	215	235						
Unity Seeds	6104A		202	95	23.0	56	1	194	191	221						
Garst	8676IT	C	220	99	23.0	54	1	215	212	232	239 *	102 *	220 *	244 *	252 *	229 *
Renk	RK636RRYGCB	GJ	237 *	102 *	23.1	54	2	232	230 *	250 *	232	101 *	207	252 *	236	234 *
NK Brand	N51-N4		230	101	23.2	56	2	230	213	247 *						
Cornelius	C417YG	G	228	100	23.2	55	4	228	213	244	237 *	100 *	220 *	238 *	254 *	233 *
OBrien	OB1065Bt	G	228	100	23.2	55	1	232	199	254 *						
Cornelius	C327YG	G	239 *	103 *	23.2	56	1	247 *	219	251 *						
Kussmaul	SB405RR	J	219	98	23.3	56	0	219	197	241						
Cornelius	C358RRYG	GJ	229	100	23.3	54	2	220	224 *	243	228	100 *	207	230	247	228
Golden Harvest	H7836LL	D	188	92	23.4	54	1	193	180	192						
105-DAY HYBRID TRIAL AVERAGE##					23.4											
Mycogen	2K541	GJ	235	102 *	23.5	54	1	241 *	219	245	226	100 *	217 *	232	229	230 *
Dairyland	Stealth 5104	G	238 *	102 *	23.5	55	1	241 *	222 *	252 *	228	100 *	218 *	241 *	226	233 *
Kaltenberg	K5215Bt	G	236 *	102 *	23.6	56	0	231	219	260 *	232	100 *	208	250 *	236	234 *
Wyffels	W3945	LD	248 *	105 *	23.6	56	1	246 *	237 *	262 *						
Dyna Gro	55F43	G	237 *	102 *	23.7	55	3	230	231 *	249 *						
Kruger	K5504YGCB	G	248 *	105 *	23.7	56	1	256 *	224 *	265 *						
Jung	6545YGCB	G	242 *	103 *	24.0	55	1	244 *	235 *	247 *	231	100 *	213	243 *	238	237 *
LG Seeds	LG2533		234	101	24.1	53	2	230	233 *	239	239 *	102 *	222 *	252 *	243	236 *
Dairyland	Stealth 1705		215	97	24.1	52	3	219	201	224						
Dairyland	Stealth 5503	G	231	100	24.2	55	3	239 *	218	236	239 *	102 *	223 *	234	259 *	235 *
Brown	5636RR2YGCB	GJ	238 *	101	24.2	55	6	240 *	229 *	244	227	100 *	226 *	233	222	232 *

CONTINUED.

Table 4 (continued). Southern Zone - Early Maturity Grain Trial (page 3 of 3)

105 DAY RELATIVE MATURITY OR EARLIER, BASED ON COMPANY RATING (ARLINGTON = ARL, JANESVILLE = JAN, LANCASTER = LAN)

BRAND	HYBRID	Genes [†]	2005									2004			6 Test		
			AVERAGE						ARL	JAN	LAN	AVERAGE		ARL	JAN	LAN	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	Yield bu/A	
Partners Brand	479RRYGCB	GJ	223	98	24.3	55	6	234	209	224	231	100 *	195	247 *	251 *	228	
Croplan Genetics	503Bt	G	224	99	24.5	55	0	235	189	247 *							
Carharts Blue Top	CR1505RB	GJ	217	97	24.6	55	3	222	193	237							
Spangler	567G	G	224	99	24.9	52	1	227	206	239							
Kruger	K5505YGCB	G	236 *	101	25.0	55	5	238 *	222 *	247 *							
Jung	6545Hx	LD	227	99	25.1	54	1	241 *	204	235	239 *	101 *	221 *	247 *	248	230 *	
AgriGold	A6333Bt	G	222	98	25.9	53	3	235	206	225							
Mycogen	2H565	LD	217	96	26.1	52	2	222	200	228							
AgriGold	XA5509Bt	G	242 *	102 *	26.5	52	1	253 *	232 *	241							
High Cycle	6H295	LD	227	98	27.8	54	1	243 *	218	219							
MEAN			227	100	22.8	55	2	228	212	240	228	100	212	234	239	230	
LSD(0.10)**			12	3	1.3	1	4	20	17	18	12	3	16	22	15	10	

[†] 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.