

# Table 4. Southern Zone - Early Maturity Grain Trial (page 1 of 2)

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

BRAND	HYBRID	Genes <sup>†</sup>	2003									2002					2 YEAR	
			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	Yield bu/A	Yield bu/A
OBrien	OB954Bt	G	190	103 *	17.1	58	1	197 *	194	178								
Kruger	K9002YGCB	G	189	102 *	17.5	58	3	177	211 *	179	203	104 *	194 *	193	224		196 *	
Jung	6560A	GJ	168	97	17.8	56	0	164	175	166								
Kruger	EX303YGCB	G	179	99	18.0	57	2	173	189	176								
Kruger	K9203YGCB	G	184	101	18.4	55	1	188	199	165								
Dekalb	DKC5245(YGCB)	G	191	103 *	18.4	57	0	210 *	186	178								
Dekalb	DKC5018(YGCB)	G	182	100	18.6	58	0	198 *	186	160								
Mycogen	4521Bt	G	183	100	18.7	58	3	183	190	175								
Renk	RK772YGCB	G	190	102 *	18.9	55	1	201 *	183	186 *								
NK Brand	N50P5	GD	194 *	103 *	19.1	56	2	194 *	198	189 *								
Croplan Genetics	401Bt	G	192	102 *	19.1	59	0	202 *	192	180								
Mycogen	2M527		190	102 *	19.3	55	1	192 *	203	175								
Jung	2565		174	97	19.3	57	2	171	197	153	197	103	183	213 *	196		185	
Renk	RK636YGCB	G	193	103 *	19.8	55	0	204 *	190	187 *								
Asgrow	RX499YG	G	187	101	19.8	57	1	196 *	203	163								
Brown	6079		174	97	19.8	54	1	177	199	147	197	102	198 *	203 *	190		186	
<b>100-DAY HYBRID TRIAL AVERAGE##</b>						<b>19.9</b>												
Kruger	K9404YGCB	G	172	97	20.0	59	0	164	179	172								
Crows	2192B	G	179	98	20.2	58	5	186	181	170								
Midwest	G7221B	G	192	102 *	20.2	57	4	188	197	192 *								
Renk	RK633YGCB	G	194 *	102 *	20.4	57	4	195 *	197	191 *								
Cornelius	C443YG	G	186	100	20.5	55	0	195 *	186	177								
Croplan Genetics	501RRBt	GX	200 *	104 *	20.7	55	0	201 *	216 *	184 *								
Hughes	4762	G	195 *	102 *	20.8	56	2	195 *	215 *	175								
Growmark	FS4453		195 *	102 *	20.8	56	2	204 *	192	188 *	188	100	187	187	191		191	
Growmark	FS4882		183	99	20.8	55	1	196 *	190	164								
Dekalb	DKC5334(RRYGCB)	GH	185	100	20.9	56	1	204 *	200	153	216 *	106 *	205 *	214 *	231		201 *	
Spangler	5300G	G	181	99	20.9	57	0	180	196	165								
Cornelius	C430YG	G	188	100	21.0	56	2	201 *	187	176								
Jung	6580	G	177	97	21.0	59	2	176	199	156	201	103	177	191	235 *		189	
Dynagro	55P63	GX	180	98	21.1	57	1	188	181	170								
Carharts Blue Top	CX1057Bt	G	184	99	21.1	56	2	193 *	190	170								
Brown	5345YGCB	G	181	98	21.2	56	2	182	188	172								
<b>105-DAY HYBRID TRIAL AVERAGE##</b>						<b>21.3</b>												
Kruger	K9306YGCB	G	199 *	103 *	21.3	54	1	212 *	198	189 *	208 *	104 *	202 *	209 *	213		204 *	
Garst	8647		182	99	21.3	56	1	195 *	185	165								
Jung	2545		188	100	21.4	56	1	192 *	202	171								
Pioneer	35R57		203 *	104 *	21.4	56	0	212 *	209 *	188 *	183	98	190	184	174		193	
Ottilie	4102	G	193	102 *	21.4	55	1	202 *	197	181 *								
LG Seeds	LG2513Bt	G	192	101	21.6	56	1	198 *	194	184 *								
AgriGold	A6305Bt	G	183	98	21.6	56	3	199 *	187	163								
Croplan Genetics	503Bt	G	196 *	103 *	21.6	56	0	191	199	198 *	207 *	104 *	197 *	194	232		202 *	
Great Lakes	5300Bt	G	181	98	21.8	56	1	198 *	186	159								
Cornelius	C417YG	G	189	100	21.9	56	0	188	204 *	175								
Kaltenberg	K5009Bt	X	158	92	21.9	55	1	164	162	148								

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

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

BRAND	HYBRID	Genes <sup>†</sup>	2003									2002					2 YEAR	
			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	Yield bu/A	Yield bu/A
AgriGold	XA5234		200 *	103 *	22.0	54	4	200 *	211 *	188 *								
Wyffels	W3813	G	188	100	22.0	55	1	204 *	184	177	210 *	105 *	195 *	202 *	232			199 *
Trelay	7012		203 *	104 *	22.1	55	0	207 *	220 *	182 *	189	99	183	186	198			196 *
Dairyland	Stealth 5104	G	203 *	104 *	22.1	56	0	199 *	206 *	203 *								
AgriGold	A6375		184	99	22.2	55	2	188	194	169								
Spangler	5003G	G	206 *	105 *	22.2	56	0	207 *	216 *	195 *	210 *	104 *	189	196	244 *			208 *
La Crosse Forage	LC7973Bt	X	154	91	22.2	55	0	145	170	147								
Renk	RK700YGCB	G	197 *	102 *	22.4	55	1	204 *	209 *	179	212 *	105 *	190	204 *	242 *			205 *
Kussmaul	SB305RR	J	178	97	22.4	56	2	187	173	172								
Kussmaul	K405		188	100	22.6	56	1	196 *	181	189 *								
LG Seeds	LG2533		198 *	102 *	22.6	54	1	201 *	203	190 *	207 *	104 *	202 *	206 *	213			203 *
Kruger	K9206YGRW	N	185	99	22.7	56	2	195 *	181	180								
Kussmaul	K505		197 *	102 *	23.0	56	0	203 *	211 *	177								
Brown	6220		186	99	23.1	55	1	191	196	171								
Dynagro	55N37		193	101	23.1	55	1	197 *	195	186 *	184	98	177	189	187			188
Great Lakes	5377		183	98	23.1	55	1	190	186	173								
North-Gro	5909		184	98	23.2	55	1	187	192	172	192	100	184	198	195			188
Dairyland	Stealth 1605		182	98	23.4	55	1	186	189	172	189	99	184	200 *	186			186
Brown	5636		157	91	23.5	55	1	161	180	131								
Kruger	K9206YGCB	G	193	101	23.8	55	0	207 *	189	184 *								
Ottillie	4594	G	196 *	101	23.8	55	0	206 *	199	183 *								
MEAN			187	100	21.0	56	1	192	194	175	190	100	182	191	198			195
LSD(0.10)**			12	3	1.2	1	2	20	16	22	17	4	16	15	18			13

<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.