

Table 5. Southern Zone - Late Maturity Grain Trial (page 1 of 2)

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

BRAND	HYBRID	Genes [†]	2004						2003			6 Test				
			AVERAGE				ARL	JAN	LAN	AVERAGE			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		
Wyffels	W4824YGRW	N	198	95	21.4	54	0	185	212	197						
Wyffels	W5223	G	228	101	22.6	53	2	216 *	221	248	187	99	180	196	187	208
Wyffels	W4823YGCB	G	210	97	22.6	53	0	191	220	219	184	100	189	187	177	197
Kruger	K1006RR	J	205	96	22.7	55	1	203	207	205						
Kruger	K5310YGCB	G	226	100	22.8	54	2	211	234	233						
AgriGold	A6398		227	101	22.8	53	0	215 *	250 *	216						
Brunner	EXP108Bt	G	210	97	22.9	53	0	195	219	215						
Pioneer	34H32	G	230	101	23.0	57	0	207	249 *	233						
Kruger	K9407YGCB	G	225	100	23.1	55	0	211	224	239						
Wyffels	W5340		215	98	23.2	54	1	200	236	210						
Pioneer	35Y67	LD	253 *	106 *	23.2	55	0	225 *	267 *	268 *						
Golden Harvest	EX48573		221	99	23.4	53	1	196	234	235						
Pioneer	35Y55	G	233	101	23.4	52	1	211	249 *	238	203	104 *	200 *	202	207 *	218 *
Mycogen	2E633	LD	225	100	23.4	52	0	205	233	237	190	100	190 *	199	181	208
Dekalb	DKC5784(YGCB)	G	245 *	104 *	23.4	54	0	227 *	249 *	258	204	103 *	200 *	217 *	194	224 *
Trelay	SP841		219	98	23.5	54	1	207	235	214						
Growmark	FS5424		221	99	23.5	52	1	197	247 *	219	189	100	191 *	199	177	205
Bio Gene	BG1075		223	99	23.5	52	1	197	247 *	224						
Renk	RK699		215	97	23.5	51	0	193	234	217						
Dairyland	Stealth 1606		220	98	23.6	51	2	203	222	234	193	101	199 *	200	181	207
Dekalb	DKC5878(YGCB)	G	243 *	103 *	23.9	52	0	220 *	252 *	257	209 *	105 *	201 *	219 *	207 *	226 *
105-DAY HYBRID TRIAL AVERAGE##					23.9											
Kruger	K9807		206	95	23.9	53	0	188	211	218						
Spangler	5775G		215	97	23.9	52	0	201	219	226						
Garst	8535YG1	GC	240 *	103 *	24.1	51	0	222 *	246 *	252						
Kruger	K5110YGCB	G	231	101	24.1	51	1	215 *	231	248						
Golden Harvest	H8410Bt	G	222	99	24.1	53	0	203	235	227						
Garst	8578IT	C	232	101	24.2	52	0	221 *	239	237						
Access	A5410YGCB	G	224	99	24.3	54	0	202	235	236						
Kruger	K2410RRYGCB	GJ	233	101	24.5	54	0	207	245 *	246						
Dekalb	DKC6019(RRYGCB)	GH	230	100	24.5	53	1	216 *	239	236	186	99	181	196	180	208
AgriGold	A6395Bt	G	240 *	103 *	24.7	50	0	227 *	241	253						
Kruger	K9308RRYGCB	GJ	221	98	24.8	51	1	208	221	234						
Kruger	K5512YGCB	G	247 *	103 *	24.9	51	2	214	255 *	271 *						
Golden Harvest	EX48378Bt	G	228	100	24.9	52	0	215 *	226	244						
LG Seeds	LG2540Bt	G	244 *	103 *	25.0	50	0	225 *	251 *	257	206 *	103 *	209 *	215 *	195	225 *
Midwest	X1091B	G	245 *	103 *	25.2	51	2	212	246 *	277 *						
Legacy Seeds	L6217	G	225	99	25.2	51	0	200	241	235						
Great Lakes	5961Bt	G	235	101	25.2	50	0	207	253 *	244	218 *	106 *	211 *	223 *	218 *	226 *
Bio Gene	BG1119		235	101	25.3	51	1	227 *	246 *	232						
Kruger	K5210YGCB	G	229	100	25.3	52	1	206	238	243						
Growmark	FS6485YGCB	G	238	102	25.5	51	1	225 *	254 *	237						
Wyffels	W6610		240 *	101	25.5	51	3	218 *	241	261						
Crows	X1091B	G	245 *	103 *	25.6	51	1	215 *	260 *	260						
Kruger	K5311YGCB	G	242 *	102	25.6	50	1	219 *	252 *	256						
Golden Harvest	H9006Bt	G	243 *	102	25.7	51	1	220 *	251 *	257						
Cornelius	C676YG	G	236	101	25.7	51	0	220 *	246 *	242						
Kruger	K9111YGCB	G	246 *	103 *	25.7	51	0	221 *	264 *	253	196	101	198 *	201	188	221 *
Renk	RK877YGCB	G	236	100	25.8	50	3	206	240	261						
Wyffels	W5483	G	222	98	25.8	52	2	213	228	226	173	94	178	182	159	198

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Table 5 (continued). Southern Zone - Late Maturity Grain Trial (page 2 of 2)

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

BRAND	HYBRID	Genes [†]	2004						2003					6 Test		
			AVERAGE			Yield	Yield	Yield	AVERAGE		Yield	Yield	Yield	AVERAGE		
			Yield	P.I.	Moist Test				Yield	P.I.					Yield	Yield
bu/A	#	% Wt.	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A	bu/A					
Dairyland	Stealth 1611		237	101	25.8	51	0	216 *	252 *	244	196	101	197 *	213 *	176	216 *
Renk	RK789YGCB	G	227	99	25.9	53	1	197	239	244	196	101	180	221 *	188	212
Cornelius	C590YG	G	241 *	102	25.9	51	1	215 *	249 *	260	196	101	184	219 *	185	218 *
Access	A8407HX	LD	232	100	25.9	51	0	192	249 *	256						
Kruger	K9310YGCB	G	231	100	25.9	51	0	217 *	231	246	195	101	188	212 *	186	213
Dairyland	Stealth 1507Bt	G	227	99	25.9	51	1	220 *	216	246	199	102 *	185	221 *	190	213
110-DAY HYBRID TRIAL AVERAGE##					26.0											
Kruger	K5211YGCB	G	227	99	26.0	51	0	201	237	241						
Kussmaul	K2710Y	G	250 *	104 *	26.1	51	0	225 *	250 *	275 *						
Midwest	G7622B	G	234	100	26.1	51	0	204	247 *	251	187	99	200 *	198	163	210
Wyffels	W6984YGRW	N	217	97	26.1	51	0	201	227	221						
NK Brand	N60-B6	K	226	99	26.1	51	0	201	240	237	191	100	192 *	197	184	209
Kruger	K9910YGCB	G	242 *	102	26.2	51	0	217 *	245 *	263 *	190	99	182	201	186	216 *
High Cycle	HC7B306YGCB	G	215	96	26.2	51	1	201	212	233						
Kruger	K9310AYGCB	G	227	99	26.2	53	0	214	232	236	193	100	196 *	210 *	172	210
Hughes	5743	G	232	100	26.2	52	1	207	240	248	195	101	184	205	196 *	213
Croplan Genetics	601Bt	G	228	99	26.2	52	1	206	213	265 *	202	102 *	190 *	218 *	197 *	215
Dynagro	57F67	G	242 *	102	26.2	50	2	222 *	247 *	257						
Brunner	S8104		224	98	26.2	51	2	201	238	233						
Garst	8552YG1	G	225	98	26.3	50	1	215 *	214	245	186	98	184	208	166	205
Pioneer	34N42	LD	244 *	103 *	26.3	54	0	224 *	252 *	258	196	100	192 *	203	192	220 *
Croplan Genetics	693Bt	KC	233	100	26.3	51	1	211	237	251						
OBrien	OB1113Bt	G	243 *	102	26.4	51	2	216 *	249 *	264 *	198	100	197 *	222 *	177	221 *
Kaltenberg	K6767Bt	G	230	99	26.5	51	1	216 *	230	244	202	102 *	198 *	226 *	184	216 *
Carharts Blue Top	CR1080RB	GH	229	99	26.5	51	0	208	232	247						
Cornelius	C635YG	G	231	99	26.6	50	1	197	236	259						
Midwest	G7716B	G	231	99	26.6	50	2	208	227	258	194	100	173	224 *	185	212
Mycogen	2E705	G	243 *	102	26.6	50	1	213	256 *	262	201	102 *	188	219 *	195	222 *
North Gro	6999YGCB	G	236	100	26.6	51	1	206	245 *	257						
AgriGold	A6454		226	98	26.7	52	3	211	223	243						
RAGT Semences	MX337		230	99	26.7	51	1	206	232	251						
Spangler	7558G	G	250 *	104 *	26.7	51	0	229 *	265 *	256	194	100	192 *	203	186	222 *
Dairyland	Stealth 1709		231	99	26.7	51	3	212	233	248						
Golden Harvest	H9166		230	99	26.7	54	1	218 *	241	232						
Crows	4911B	G	236	100	26.7	50	1	213	236	260	203	102 *	199 *	221 *	189	220 *
Kruger	K9212RRYGCB	GJ	234	100	26.8	50	2	219 *	218	266 *	197	101	183	210 *	198 *	216 *
Jung	6710YGCB	G	248 *	103 *	26.8	51	1	226 *	250 *	267 *	200	101	189	215 *	196 *	224 *
NK Brand	NX6822	K	247 *	103 *	27.1	50	0	228 *	249 *	266 *						
High Cycle	HC7B445YGCB	G	234	99	27.1	51	2	204	238	260						
High Cycle	HC7748YGCB	G	241 *	101	27.1	51	1	216 *	246 *	262	190	98	173	196	202 *	216 *
Brown	7044		232	99	27.2	50	1	204	236	255	199	102 *	194 *	213 *	191	215
Kruger	K9410YGCB	G	223	97	27.4	52	0	195	233	241						
Spangler	674G	G	237	100	27.5	51	1	204	254 *	253	191	99	169	209 *	194	214
Croplan Genetics	691BtLL	KD	243 *	101	27.8	51	1	209	236	282 *	200	101	189	214 *	196 *	221 *
Kruger	K8414HX	L	238	100	27.9	49	1	202	260 *	251						
Dekalb	DKC6143(YGCB)	G	226	97	28.3	52	0	191	235	252						
Dynagro	CX04910		222	97	28.6	51	1	208	238	220						
Cornelius	C707RRYG	GJ	235	99	29.3	51	1	218 *	217	269 *	201	100	190 *	219 *	193	218 *
MEAN			231	100	25.4	52	1	210	238	245	193	100	188	206	184	215
LSD(0.10)**			14	3	1.1	1	1	14	23	19	13	4	21	18	22	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; 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.