

Table 5. Southern Zone - Late Maturity Grain Trial (page 1 of 3)

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

BRAND	HYBRID	Genes†	2005							2004					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								
Golden Harvest	H8410Bt	G	218	100	22.7	56	0	228	195	229	222	99	203	235	227	220						
NK Brand	N58-D1	KD	230	102	22.7	55	1	228	216	245												
Kussmaul	SB609		228	101	22.8	55	7	217	227	240												
Kruger	K5509YGCB	G	233	102	22.9	55	7	217	222	261 *												
Spangler	575+	GN	230	102	23.1	56	1	246 *	212	231												
Crows	X51081B	G	235	102	23.2	56	8	223	218	263 *												
Kruger	K0608A		229	102	23.3	54	3	246 *	205	237												
Golden Harvest	H8338Bt	G	227	101	23.3	55	3	226	213	241												
Midwest	X51081B	G	234	102	23.4	55	8	246 *	199	258 *												
Hughes	4924		215	98	23.6	55	3	208	201	236												
Kaltenberg	K6005		231	101	23.7	53	9	227	232 *	233												
AgriGold	A6398		213	98	23.8	55	1	208	201	230	227	101	215 *	250 *	216	220						
Pioneer	35Y33		222	100	23.9	58	4	235 *	206	225												
Kruger	K9407YGCB	G	221	99	24.1	56	7	235 *	204	224												
Wyffels	W5340		198	95	24.2	54	1	190	191	214	225	100	211	224	239	223						
Dekalb	DKC58-80(RR2YGCB)	GJ	233	102	24.2	54	2	233 *	214	252 *	243 *	103 *	220 *	252 *	257	243 *						
Dekalb	DKC58-78(YGCB)	G	243 *	105 *	24.2	54	0	244 *	232 *	252 *												
Hughes	5535		226	101	24.3	54	3	228	219	232												
Dairyland	Stealth 5007	G	220	99	24.4	53	5	211	208	242												
Kruger	K9910YGCB	G	222	99	24.4	53	8	213	213	239							242 *	102	217 *	245 *	263 *	232
Kaltenberg	K6734LLBt	KD	238 *	103 *	24.4	53	6	220	233 *	261 *												
Kruger	K2506RRYGCB	GJ	223	100	24.5	56	3	206	222	241												
Kruger	K0508		213	98	24.6	54	1	216	204	220												
Renk	RK854		218	98	24.7	54	6	217	217	219												
105-DAY HYBRID TRIAL AVERAGE##					24.7																	
Cornelius	C590YG	G	231	101	24.9	53	7	228	215	251 *	241 *	102	215 *	249 *	260	236 *						
Pioneer	35Y67	LD	235	103 *	24.9	56	1	232 *	225	249 *							253 *	106 *	225 *	267 *	268 *	244 *
Dekalb	DKC60-13(RR2YGRW)	NJ	227	100	24.9	55	2	202	231 *	247 *												
Partners Brand	548RR	J	203	95	25.1	53	3	200	209	201												
Dairyland	Stealth 1709		205	95	25.4	53	4	196	194	225	231	99	212	233	248	218						
AgriGold	A6395Bt	G	241 *	104 *	25.4	52	1	228	242 *	254 *	240 *	103 *	227 *	241	253	241 *						
Hughes	5154RR	J	218	98	25.5	53	5	230 *	224	200												
Cornelius	C592RRYG	GJ	224	99	25.5	53	3	222	208	241												
NK Brand	N65-C5	KD	236	102	25.5	53	6	238 *	230 *	241												
Kruger	K9111YGCB	G	235	102	25.6	53	1	240 *	223	242	246 *	103 *	221 *	264 *	253	241 *						

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Table 5 (continued). Southern Zone - Late Maturity Grain Trial (page 2 of 3)

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

BRAND	HYBRID	Genes [†]	2005						2004					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		
Croplan Genetics	576BtLL	GD	239 *	103 *	25.6	53	2	231 *	236 *	249 *						
Kaltenberg	K7221Bt	G	224	99	25.6	55	3	209	224	240						
OBrien	OB1085		230	101	25.6	55	3	229	221	240						
Garst	8534YG1RR	GJ	236	102	25.7	52	3	236 *	236 *	237						
LG Seeds	LG2540Bt	G	238 *	103 *	25.7	53	2	250 *	224	241	244 *	103 *	225 *	251 *	257	241 *
Dekalb	DKC57-81(RR2YGRW)	NJ	243 *	104 *	25.8	54	2	232 *	241 *	254 *						
Pioneer	34A16	LD	252 *	106 *	25.9	55	3	245 *	248 *	264 *						
Golden Harvest	H9166		218	98	25.9	55	4	206	217	231	230	99	218 *	241	232	224
Wyffels	W7123	G	232	101	25.9	53	3	229	225	241						
Kussmaul	SB508YRR	GJ	237	102	26.0	52	2	248 *	226	237						
AgriGold	A6474		220	98	26.3	54	4	215	207	239						
Renk	RK854YGCB	G	217	97	26.3	54	7	214	208	231						
Kruger	K5608YGCB	G	233	101	26.3	54	1	218	234 *	246 *						
Dairyland	Stealth 1611		223	98	26.3	53	6	216	221	232	237	101	216 *	252 *	244	230
110-DAY HYBRID TRIAL AVERAGE##			26.4													
Renk	RK789YGCB	G	225	99	26.4	53	3	225	213	236	227	99	197	239	244	226
Kruger	K5609YGCB	G	232	100	26.5	53	7	229	226	239						
Dyna Gro	56X89	LD	223	99	26.5	52	2	221	225	224						
Pioneer	34N44	G	237	102	26.5	55	3	239 *	228	245						
Brunner	S1137Bt	G	235	101	26.5	53	4	221	238 *	247 *						
Dairyland	Stealth 5611	G	238 *	102	26.5	53	4	243 *	209	263 *						
Wyffels	W6330		220	98	26.6	53	1	227	207	227						
Midwest	G7703B	G	235	101	26.6	53	4	235 *	229	240						
Wyffels	W5483	G	216	97	26.6	53	1	199	218	231	222	98	213	228	226	219
Kruger	K2410RRYGCB	GJ	226	100	26.7	55	1	219	224	234	233	101	207	245 *	246	229
High Cycle	7B716	G	232	100	26.7	52	7	236 *	221	238						
Crows	4903B	G	240 *	102	26.8	53	6	230 *	242 *	249 *	245 *	103 *	215 *	260 *	260	242 *
Mycogen	2D673	LD	229	100	26.8	52	4	229	223	236						
LG Seeds	LG2545		251 *	105 *	26.9	51	2	254 *	237 *	262 *						
Asgrow	RX668RR2YGCB	GJ	243 *	103 *	26.9	53	5	238 *	246 *	245						
High Cycle	7G192	GD	235	101	26.9	52	2	227	239 *	239						
NK Brand	N67-W5	KD	237	101	26.9	53	5	222	245 *	245						
NK Brand	N60-B6	KD	222	99	26.9	52	1	211	218	237	226	99	201	240	237	224
OBrien	OB1113Bt	G	235	101	27.1	53	1	236 *	223	245	243 *	102	216 *	249 *	264 *	239 *
Partners Brand	584YGCB	G	231	101	27.2	52	1	237 *	225	231						

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Table 5 (continued). Southern Zone - Late Maturity Grain Trial (page 3 of 3)

106 DAY RELATIVE MATURITY OR LATER, 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
Pioneer	34N42	LD	241 *	103 *	27.4	55	1	237 *	232 *	252 *	244 *	103 *	224 *	252 *	258	243 *
Kruger	K9310YGCB	G	232	100	27.4	52	2	228	225	243	231	100	217 *	231	246	232
Carharts Blue Top	CX1111Bt	G	232	100	27.5	53	6	227	226	244						
Brunner	EXP108Bt	G	239 *	101	27.5	51	10	237 *	235 *	245	210	97	195	219	215	224
Cornelius	C637YG	G	215	97	27.5	53	1	223	199	222						
Jung	6710RRYGCB	GJ	233	100	27.6	53	4	238 *	217	242						
Wyffels	W5547	GJ	199	93	27.6	52	3	210	187	200						
Spangler	7558G	G	239 *	102	27.9	53	3	242 *	223	254 *	250 *	104 *	229 *	265 *	256	245 *
Kaltenberg	K5964LLBtHx	LD	219	98	27.9	53	1	228	220	211						
Golden Harvest	H8920		212	96	27.9	55	1	229	209	198						
OBrien	OB1096		217	96	27.9	54	5	212	212	227						
Golden Harvest	H9172LL	D	225	99	28.0	54	3	219	227	228						
Kruger	K9212RRYGCB	GJ	235	100	28.0	52	8	245 *	237 *	224	234	100	219 *	218	266 *	235 *
Croplan Genetics	691BtLL	KD	241 *	102	28.2	52	4	244 *	235 *	244	243 *	101	209	236	282 *	242 *
Pioneer	34P88		241 *	102	28.3	54	2	242 *	232 *	248 *						
Kaltenberg	K6884LLBtHx	LD	207	94	28.6	52	5	197	202	223						
Cornelius	C584		212	95	28.8	53	3	213	211	212						
Cornelius	C635YG	G	239 *	101	28.8	52	6	237 *	235 *	244	231	99	197	236	259	235 *
Kussmaul	SB612RRYGPlus	GNJ	235	100	28.9	53	7	238 *	244 *	224						
Asgrow	RX715RR2	J	240 *	100	29.0	53	8	243 *	234 *	242						
Dahlco	4121RRBt	GJ	231	98	29.2	52	7	211	239 *	243						
Dyna Gro	57F67	G	224	97	29.8	52	8	235 *	208	230	242 *	102	222 *	247 *	257	233
High Cycle	8B524	G	226	96	32.8	52	6	224	229	223						
MEAN			228	100	26.1	54	4	226	221	237	231	100	210	238	245	232
LSD(0.10)**			14	3	1.6	1	5	24	18	18	14	3	14	23	19	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.