

# 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†	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	P.I. #	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A
Wyffels	W4823	G	184	100	21.0	54	0	189	187	177						
Mycogen	5320Bt	G	192	101	21.1	55	5	194 *	209 *	173						
Hughes	4133	G	182	99	21.5	56	1	177	183	184						
Great Lakes	5722		181	98	21.5	54	3	160	204	178						
Dynagro	DG5440		197	102 *	21.7	54	1	203 *	205	182						
Kussmaul	KHC		181	98	21.8	55	1	173	188	183						
Kruger	K9305YGCB	G	190	101	21.9	56	1	190 *	193	186						
Brunner	EXP110		187	100	21.9	54	1	188	200	172						
Growmark	FS5424		189	100	21.9	54	2	191 *	199	177						
Golden Harvest	H8351		185	99	22.0	55	1	198 *	188	169						
Pioneer	35Y55	G	203	104 *	22.2	54	1	200 *	202	207 *	219 *	104 *	211 *	217 *	227	211 *
Golden Harvest	H8312		179	97	22.4	55	1	166	199	172						
Garst / Agripro	9476Bt	G	176	96	22.6	52	4	177	206	146	222 *	105 *	217 *	207 *	242 *	199
Dekalb	DKC6019(RRYGCB)	GH	186	99	22.7	55	0	181	196	180	237 *	108 *	227 *	243 *	241 *	211 *
Kruger	K9807CRW	N	170	95	22.7	55	2	178	167	165						
Mycogen	2E633	L	190	100	22.8	54	0	190 *	199	181						
Dairyland	Stealth 1606		193	101	22.8	54	2	199 *	200	181						
Jung	6545Bt	G	196	102 *	22.8	55	0	179	212 *	198 *						
105-DAY HYBRID TRIAL AVERAGE##			22.9													
Cornelius	C572		190	100	22.9	54	1	198 *	192	182						
Kussmaul	K408		182	98	23.2	53	2	167	204	175	220 *	104 *	195	211 *	253 *	201
Wyffels	W5223	G	187	99	23.2	55	3	180	196	187						
Crows	438B	G	180	97	23.3	52	2	181	203	155	208	101	189	191	243 *	194
Dekalb	DKC5878(YGCB)	G	209 *	105 *	23.3	53	1	201 *	219 *	207 *	225 *	106 *	215 *	219 *	241 *	217 *
Cornelius	C635		198	102 *	23.3	54	2	192 *	216 *	185	215	103 *	217 *	212 *	216	206
Dynagro	DG5467		204	104 *	23.4	54	1	199 *	219 *	194	219 *	104 *	210 *	232 *	216	212 *
Dairyland	Stealth 1611		196	101	23.4	54	2	197 *	213 *	176	208	101	199	229 *	197	202
Pioneer	34M94		196	101	23.5	55	5	195 *	220 *	174						
Golden Harvest	H8618Bt	G	195	101	23.6	53	1	193 *	210 *	182						
High Cycle	7698Rb	GJ	195	101	23.7	53	1	201 *	203	182						
Ottillie	4777	G	185	98	23.7	52	2	168	211 *	177	214	102	213 *	174	255 *	200
OBrien	OB1073Bt	G	192	101	23.7	55	0	187	195	194						
Kruger	K9212		196	101	23.7	53	2	198 *	204	185						
Ragt Semences	MX151		174	95	23.7	57	2	177	194	150						
Brown	7044		199	102 *	23.8	53	2	194 *	213 *	191	208	101	207	198	221	204
Ottillie	5006	G	196	101	23.8	53	2	196 *	217 *	177						
Golden Harvest	H8906		198	102 *	23.9	53	2	201 *	210 *	183						
AgriGold	A6333Bt	G	209 *	105 *	24.0	53	0	205 *	217 *	205 *	233 *	107 *	209	236 *	255 *	221 *
Dairyland	Stealth 6611	J	188	99	24.0	52	1	205 *	187	172						
Dairyland	Stealth 1507Bt	G	199	102 *	24.0	52	3	185	221 *	190	210	101	188	201	241 *	204
Bio Gene	BT1071	G	186	98	24.0	53	4	166	209 *	183	207	101	200	185	235	197
Kruger	EX411YGCB	G	183	97	24.0	54	4	155	208	188						
AgriGold	A6395		198	102 *	24.0	53	1	190 *	214 *	191	221 *	105 *	218 *	236 *	208	209 *
Midwest	G7716B	G	194	100	24.0	53	4	173	224 *	185						
NK Brand	N60B6	KD	191	100	24.1	52	1	192 *	197	184	215	102	208	212 *	227	203
North-Gro	6800		187	99	24.1	54	2	177	199	185	193	97	169	200	210	190
Mycogen	2E705	G	201	102 *	24.2	53	4	188	219 *	195						
Pioneer	34M93	L	203	102 *	24.2	54	6	186	220 *	201 *						
Dairyland	Stealth 1608		187	99	24.2	54	1	186	206	169						
Wyffels	W5460	G	193	100	24.2	52	3	190 *	210 *	180	209	101	201	198	228	201
Kruger	K9111YGCB	G	196	101	24.3	53	2	198 *	201	188						
Kruger	K9308YGCB	G	188	98	24.3	52	5	179	207	177						
Kussmaul	K410		203	103 *	24.3	53	2	181	221 *	207 *						
Dekalb	DKC5784(YGCB)	G	204	103 *	24.3	55	1	200 *	217 *	194						
Cornelius	C590YG	G	196	101	24.3	52	1	184	219 *	185	216 *	103 *	199	197	250 *	206
Midwest	G7622B	G	187	99	24.3	52	1	200 *	198	163						
Garst	8552YG1	G	186	98	24.3	52	1	184	208	166						
Kruger	K9310YGCB	G	195	101	24.4	53	0	188	212 *	186						
Kruger	K9310AYGCB	G	193	100	24.4	54	1	196 *	210 *	172	208	101	201	183	240 *	200
Great Lakes	Quad5Bt	X	200	102 *	24.4	53	0	190 *	220 *	192						

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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†	2003							2002			2 YEAR			
			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		
North-Gro	7071Y	G	195	101	24.5	53	2	189	215 *	181						
Bio Gene	BG1111		191	99	24.6	53	2	196 *	203	173						
Cornelius	C599		190	99	24.7	54	1	193 *	186	190						
Kaltenberg	K6767Bt	X	202	102 *	24.7	52	1	198 *	226 *	184						
Brown	6895YGCB	G	192	99	24.8	52	2	181	215 *	178	208	101	190	195	238 *	200
Hughes	5743	G	195	101	24.8	54	0	184	205	196 *						
Kruger	K9910YGCB	G	190	99	24.8	52	3	182	201	186	218 *	104 *	203	203	248 *	204
Cornelius	C637YG	G	184	98	24.9	53	0	187	199	167						
<b>110-DAY HYBRID TRIAL AVERAGE##</b>			<b>24.9</b>													
Pioneer	34B23		189	99	25.0	57	2	170	207	189						
Great Lakes	5961Bt	G	218 *	106 *	25.0	52	1	211 *	223 *	218 *						
Renk	RK789YGCB	G	196	101	25.0	53	1	180	221 *	188						
LG Seeds	LG2540Bt	G	206 *	103 *	25.0	52	1	209 *	215 *	195						
Hughes	5600	G	193	100	25.1	52	2	193 *	205	181	211	102	202	202	228	202
High Cycle	7796Rb	GJ	193	100	25.2	53	2	182	202	195						
Renk	RK837		186	97	25.2	53	4	178	214 *	164						
Dynagro	56N42		192	100	25.2	54	1	192 *	199	187						
Kruger	K9309YGCB	G	186	98	25.2	53	0	183	194	182	214	103 *	212 *	217 *	211	200
Wyffels	W7273	G	191	99	25.3	53	5	195 *	207	172	224 *	104 *	226 *	205 *	240 *	207
Spangler	674G	G	191	99	25.3	52	5	169	209 *	194						
Kruger	K9212RRYGCB	GJ	197	101	25.3	53	3	183	210 *	198 *						
Crows	4911B	G	203	102 *	25.4	52	1	199 *	221 *	189						
Kruger	EX108YGCB	G	194	100	25.6	52	3	185	213 *	183						
Brown	X7171YGCB	G	188	98	25.7	52	1	179	199	186						
Wyffels	W6578	G	199	101	25.7	52	2	187	213 *	196 *						
Growmark	FS5634Bt	G	186	98	25.9	53	0	176	210 *	174						
Carharts Blue Top	CX1080Bt	G	167	93	25.9	51	0	155	187	160						
Croplan Genetics	691BtLL	KD	200	101	26.0	52	2	189	214 *	196 *						
Cornelius	C605YG	G	189	98	26.0	52	3	184	194	189						
Lemke	7068Bt	G	202	102 *	26.0	53	1	198 *	227 *	180						
Jung	6710	G	200	101	26.3	53	1	189	215 *	196 *	222 *	104 *	218 *	219 *	230	211 *
NK Brand	N65Y3	KD	198	101	26.3	53	1	204 *	196	195	220 *	104 *	216 *	213 *	232	209 *
Croplan Genetics	601Bt	G	202	102 *	26.3	54	1	190 *	218 *	197 *						
Wyffels	W5483	G	173	94	26.3	54	0	178	182	159						
Spangler	7558G	G	194	100	26.4	52	0	192 *	203	186	217 *	102	216 *	197	239 *	205
Garst	8556YG1	G	199	101	26.4	53	4	194 *	194	211 *						
High Cycle	7748Bt	G	190	98	26.7	52	6	173	196	202 *						
High Cycle	7807Bt	G	193	99	26.7	50	2	179	216 *	183						
OBrien	OB1113Bt	G	198	100	26.7	53	1	197 *	222 *	177						
Golden Harvest	H9148Bt	G	192	98	26.8	50	3	189	220 *	168						
Wyffels	W5541	G	181	96	26.9	53	0	178	196	170	196	97	187	179	222	189
Ottillie	5267	G	198	100	27.0	53	1	188	217 *	189	216 *	102	207	189	253 *	207
Asgrow	RX702YG	G	201	101	27.2	53	0	199 *	215 *	189						
Pioneer	34N42	L	196	100	27.2	54	1	192 *	203	192						
Cornelius	C707RRYG	GJ	201	100	28.1	52	2	190 *	219 *	193						
Pioneer	33A14	G	198	100	28.1	54	4	188	192	214 *	229 *	105 *	219 *	211 *	257 *	214 *
Kruger	EX414YGCB	G	192	98	28.3	52	1	195 *	197	183						
Kruger	EX412YGCB	G	191	98	28.5	52	0	194 *	200	180						
Kruger	K9314YGCB	G	197	99	28.6	52	0	196 *	208	186						
Kruger	K9314A	G	191	98	28.9	52	0	195 *	196	181						
MEAN			193	100	24.6	53	2	188	206	184	204	100	199	198	215	204
LSD(0.10)**			13	4	1.7	1	3	21	18	22	21	5	17	38	19	12

† 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.