

Table 7. South Central Zone - Late Maturity Grain Trial (page 1 of 2)

101 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (FOND DU LAC = FON, GALESVILLE = GAL, HANCOCK = HAN)

BRAND	HYBRID	Genes [†]	2005							2004					6 Test	
			AVERAGE				FON	GAL	HAN	AVERAGE		FON	GAL	HAN	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
NK Brand	N45-A6	KD	241	102 *	19.9	55	0	222 *	246	255	195	100	159	197	227	218
Dahlco	4051Bt	G	229	99	20.5	55	0	205	232	250	201	101	171	210	218	214
Legacy Seeds	L4199BtRR	GJ	237	100 *	20.7	56	1	198	249	263						
Dairyland	Stealth 5201	G	250 *	103 *	20.9	54	1	226 *	251	274 *						
Kaltenberg	K5151Bt	G	236	100 *	21.0	57	1	208	234	266						
Dekalb	DKC52-47(RR2YGCB)	GJ	240	101 *	21.2	56	0	206	236	278 *	202	102	166	201	234 *	220
Dekalb	DKC51-41(RR2YGRW)	NJ	240	101 *	21.3	57	0	222 *	234	263						
Mycogen	2E522	D	236	100 *	21.5	55	0	217	233	258	205	102	172	226 *	214	220
LG Seeds	LG2491BtRW	GN	232	99	21.6	55	0	204	240	252						
NK Brand	N50-P5	KD	238	100 *	21.9	54	0	207	240	266	215 *	104 *	187 *	235 *	218	225 *
Mycogen	2J525		245 *	102 *	22.0	56	0	220 *	258	258	218 *	105 *	179	232 *	238 *	231 *
Renk	RK632YGCB	G	235	99	22.1	56	1	203	239	262						
Renk	RK684		232	99	22.1	56	1	197	233	266						
Kruger	K3503TS	GNJ	243	101 *	22.2	56	2	221 *	245	265						
Crows	X51021RB	GJ	233	99	22.5	55	1	206	244	249						
100-DAY HYBRID TRIAL AVERAGE##			22.6													
Dairyland	Stealth 5204	G	249 *	102 *	22.6	56	0	206	253	288 *						
Kruger	K5504YGCB	G	247 *	102 *	22.6	56	0	211	250	280 *	223 *	106 *	202 *	233 *	233 *	235 *
Mallard	Exp3633CB	G	238	100 *	22.7	55	0	203	247	264						
Partners Brand	479		243	101 *	22.7	54	2	206	244	279 *						
Mallard	3631CB	G	250 *	102 *	22.7	54	2	219	257	274 *						
Midwest	X51021RB	GJ	228	98	22.9	55	0	209	237	239						
NK Brand	N48-L4		235	99	22.9	55	0	208	244	254						
Golden Harvest	H7567BtRR	GJ	240	100 *	22.9	54	1	218	246	258						
Mycogen	2D555	LD	238	100 *	22.9	56	0	202	241	271 *						
Vigoro	V43Y31	G	236	99	22.9	56	1	208	245	256	208	102	179	212	229	222
Pioneer	35R58	G	240	100 *	22.9	55	0	209	247	263						
OBrien	OB1045		239	100 *	23.0	55	0	201	248	269						
Vigoro	V43YR52	GJ	241	100 *	23.0	54	4	211	250	261						
Vigoro	V46Y41	G	229	98	23.1	54	1	194	234	259	201	99	181	212	205	214
Dairyland	Stealth 1503		231	98	23.1	54	2	194	231	268	219 *	105 *	200 *	219	234 *	224
Renk	RK636RRYGCB	GJ	238	100 *	23.1	54	0	219	246	250	210 *	103 *	179	229 *	219	224
Pioneer	36W66		246 *	101 *	23.2	54	1	222 *	249	267						
Golden Harvest	H8338Bt	G	243	101 *	23.3	55	1	208	249	273 *	207	101	176	226 *	217	225 *
Dyna Gro	55P41	GJ	242	100 *	23.3	54	1	218	248	259	213 *	103 *	188 *	220	227	227 *

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Table 7 (continued). South Central Zone - Late Maturity Grain Trial (page 2 of 2)

101 DAY RELATIVE MATURITY OR LATER, BASED ON COMPANY RATING (FOND DU LAC = FON, GALESVILLE = GAL, HANCOCK = HAN)

BRAND	HYBRID	Genes [†]	2005							2004					6 Test							
			AVERAGE				FON	GAL	HAN	AVERAGE		FON	GAL	HAN	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						
Croplan Genetics	501RRBt	GJ	243	101 *	23.3	54	1	210	259	260	218 *	105 *	201 *	215	235 *	228 *						
Kruger	K9203RRYGCB	GJ	239	100 *	23.4	54	0	216	248	253												
Mallard	3630CB	G	237	99	23.4	55	1	203	243	265												
Garst	8745YG1RR	GJ	243	101 *	23.4	53	0	214	266	251												
Vigoro	V4160		239	100 *	23.4	54	1	203	244	270 *												
Pioneer	36B08		223	96	23.5	56	0	196	226	247							198	100	161	213	217	210
Golden Harvest	H8410Bt	G	220	96	23.7	55	1	196	224	240	199	100	159	209	224	216						
Dahlco	2505Bt	G	234	99	23.8	54	0	202	249	251												
Spangler	5003+	GN	229	98	23.8	54	0	203	242	243												
Kaltenberg	K5244RRBt	GJ	245 *	101 *	23.8	53	0	230 *	253	253												
Dairyland	Stealth 5104	G	247 *	102 *	23.9	55	0	232 *	259	250							207	101	184 *	217	215	226 *
Jung	6545YGCB	G	244	101 *	23.9	55	0	221 *	252	258							183	94	138	193	215	213
105-DAY HYBRID TRIAL AVERAGE##			24.0																			
AgriGold	A6305Bt	G	238	99	24.1	54	0	208	243	264	212 *	102	180	221	231 *	224						
Dyna Gro	55F43	G	245 *	100 *	24.1	54	3	209	249	277 *												
Pioneer	35A30		257 *	103 *	24.2	56	2	213	285 *	272 *												
NK Brand	N51-N4		249 *	102 *	24.3	55	0	228 *	260	258												
Kussmaul	SB523RR	J	245 *	101 *	24.3	55	1	213	250	271 *												
Lemke	6040Bt	G	242	100 *	24.3	52	1	213	258	255												
Garst	8676IT	C	248 *	101 *	24.4	53	0	214	266	265	218 *	103 *	201 *	234 *	216	231 *						
Mallard	3726CB	G	239	100 *	24.4	55	1	220 *	253	246												
NK Brand	N51-C1	KCD	237	99	24.4	54	0	206	247	258												
Dahlco	4101Bt	G	249 *	101 *	24.7	53	0	227 *	248	271 *												
Carharts Blue Top	CR1505RB	GJ	233	98	24.7	55	1	211	238	251												
Pioneer	35Y67	LD	245 *	101 *	24.8	56	0	208	265	263												
Croplan Genetics	503HXLL	LD	239	99	24.8	54	0	204	246	266	210 *	102	201 *	211	214	225 *						
Kruger	K9407YGCB	G	242	100 *	24.9	55	0	207	250	269												
Pioneer	35Y65		249 *	101 *	25.1	55	0	203	265	278 *												
Kruger	K5505YGCB	G	244	100 *	25.3	55	0	210	250	272 *												
Kruger	K2506RRYGCB	GJ	235	98	25.3	55	1	203	244	259							207	99	176	218	223	220
AgriGold	A6333Bt	G	241	99	26.1	52	0	212	246	265							216 *	103 *	186 *	227 *	233 *	228 *
AgriGold	A6395		254 *	102 *	26.7	52	0	235 *	244	283 *	211	246	277 *	280 *	223							
Carharts Blue Top	CX1111Bt	G	245 *	99	27.9	53	1	211	246	277 *												
AgriGold	XA5509Bt	G	247 *	99	28.3	51	0	217	245	280 *												
MEAN			240	100	23.4	55	1	211	247	263						203	100	176	212	217	223	
LSD(0.10)**			12	3	1.2	1	2	15	15	18	17	5	25	23	18	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.