

# 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†	2003									2002			2 YEAR			
			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		
Dekalb	DKC5245(YGCB)	G	201	103 *	19.7	56	0	182 *	200	222								
NK Brand	N45A6	KD	199	102 *	19.8	55	0	164	202	231	235 *	107 *	196	237 *	272 *		217 *	
Kaltenberg	K5151Bt	X	196	101	20.0	57	2	171	190	225								
High Cycle	7525Bt	G	210 *	105 *	20.2	57	2	180 *	208 *	243 *								
Dahlman	D5102Bt	G	201	102 *	20.3	57	2	171	198	233	238 *	108 *	206	245 *	262 *		219 *	
Mycogen	4521Bt	G	200	102 *	20.5	57	2	165	204	231								
Dairyland	Stealth 1502		184	98	20.9	56	1	147	194	211								
Dairyland	Stealth 1602		194	101	20.9	55	1	173	186	224								
Hughes	3030		190	99	21.0	55	1	145	193	231								
Mycogen	2M527		190	99	21.4	54	1	156	196	219								
Jung	6560A	GJ	181	97	21.4	54	0	157	179	207								
Kaltenberg	K5123		189	99	21.6	55	0	157	194	217								
Kruger	EX303YGCB	G	204 *	102 *	21.6	55	1	157	209 *	247 *								
<b>100-DAY HYBRID TRIAL AVERAGE##</b>					<b>21.8</b>													
Jung	6573	G	196	101	22.1	53	0	158	205	226								
Midwest	G7221B	G	197	101	22.1	56	2	165	208 *	219								
Renk	RK772YGCB	G	215 *	105 *	22.2	54	0	187 *	210 *	247 *								
Kruger	K9203YGCB	G	195	100	22.3	53	0	162	201	224								
Renk	RK636YGCB	G	194	100	22.3	53	0	163	197	224								
Kruger	K9404YGCB	G	190	99	22.4	56	0	160	193	217								
Asgrow	RX499YG	G	198	101	22.4	55	0	171	201	222								
NK Brand	N50P5	GD	211 *	104 *	22.5	53	1	182 *	213 *	237 *								
Crows	2192B	G	195	100	22.5	56	2	174	191	220								
Dairyland	Stealth 1503		202	102 *	22.6	54	2	169	207 *	229								
Golden Harvest	H7470Bt	G	187	98	22.7	54	1	159	173	230								
Garst	8787YG1	G	188	98	22.8	56	0	152	203	209								
Jung	6580	G	189	99	22.8	56	1	159	194	215	213	101	168	219	254 *		201	
Brunner	EXP104		203 *	102 *	23.0	54	0	177 *	202	229								
Dekalb	DKC5334(RRYGCB)	GH	203 *	102 *	23.0	54	0	171	213 *	225	229 *	105 *	206	232 *	247		216	
Spangler	5300G	G	188	99	23.1	54	0	166	207 *	192								
Pioneer	36N71	G	212 *	104 *	23.1	54	1	191 *	206	240 *								
Dynagro	CX03502		186	98	23.2	56	0	155	193	210								
High Cycle	7592Rb	GJ	202	102 *	23.2	56	0	173	216 *	217								
NK Brand	N51Z7	KD	211 *	104 *	23.3	53	1	172	216 *	247 *	229 *	105 *	211	232 *	244		220 *	
Golden Harvest	H7900		188	98	23.4	54	0	162	193	209								
Dynagro	DG5440		205 *	103 *	23.4	53	0	187 *	207 *	221	214	99	182	216	243		209	
La Crosse Forage	LC7374		160	90	23.5	53	0	114	161	206								
Kruger	K9306YGCB	G	208 *	103 *	23.8	52	0	177 *	192	254 *								
Dairyland	Stealth 1606		204 *	102 *	24.0	52	0	171	223 *	220	220	101	197	220	244		212	
AgriGold	A6305Bt	G	198	100	24.0	54	0	175	196	222								
Pioneer	36B08		194	99	24.1	55	1	163	198	222	215	101	186	226	233		205	
Trelay	6400		187	97	24.2	53	1	164	194	201	201	96	159	211	233		194	
Brown	5345YGCB	G	196	100	24.2	54	0	160	193	236								
<b>105-DAY HYBRID TRIAL AVERAGE##</b>					<b>24.3</b>													
Kruger	K9305YGCB	G	198	100	24.4	53	0	162	194	237 *								

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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 <sup>†</sup>	2003									2002			2 YEAR	
			AVERAGE						FON	GAL	HAN	AVERAGE			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
Garst	8647		194	99	24.5	53	1	161	194	227	227 *	104 *	188	252 *	240	210
Trelay	7012		205 *	102 *	24.5	53	0	183 *	213 *	219						
Renk	RK700YGCB	G	204 *	102 *	24.6	53	0	172	212 *	228	216	101	193	218	238	210
Carharts Blue Top	CX1057Bt	G	200	100	24.6	53	0	169	202	228						
Pioneer	35Y55	G	214 *	104 *	24.7	52	0	180 *	205	256 *	240 *	107 *	238 *	229	253 *	227 *
Lemke	5031Bt	G	202	101	24.9	55	0	169	212 *	225						
Foundation Direct	8670		184	96	24.9	53	1	147	175	230						
Jung	6545Bt	G	197	100	24.9	54	0	164	200	226						
Spangler	5003G	G	207 *	102 *	25.0	54	0	178 *	214 *	228	227 *	104 *	213 *	225	244	217 *
AgriGold	XA5234		206 *	102 *	25.0	51	2	169	206	245 *						
Crows	3520B	G	198	100	25.0	53	0	168	198	228	221	102	187	223	255 *	210
Midwest	G7494B	G	195	99	25.1	52	0	165	196	223	233 *	105 *	211	234 *	255 *	214
Dairyland	Stealth 5104	G	197	99	25.2	54	0	167	201	222						
High Cycle	7601Bt	G	205 *	102 *	25.3	54	0	179 *	208 *	227						
Great Lakes	5377		200	100	25.4	53	0	178 *	191	231						
LG Seeds	LG2518		194	99	25.4	53	1	171	201	211						
Dynagro	55N37		199	100	25.4	53	0	169	212 *	216	208	99	177	220	227	204
OBrien	OBX1064RRBt	HX	187	97	25.5	54	0	161	186	215						
OBrien	OB1033RR	J	204 *	101	25.6	54	2	171	215 *	227						
High Cycle	7698Rb	GJ	204 *	101	25.8	51	1	167	211 *	234						
AgriGold	A6333Bt	G	212 *	103 *	25.9	51	0	190 *	222 *	224						
Golden Harvest	H8312		182	95	25.9	53	1	157	184	204						
Brunner	S5202		185	96	26.4	53	0	163	186	205	213	100	206	208	225	199
Dairyland	Stealth 1605		185	96	26.5	52	0	156	195	205						
Kruger	K9310YGCB	G	194	98	26.6	53	0	168	189	226						
Kruger	EX108YGCB	G	196	99	26.7	50	0	169	203	218						
Kruger	K9310AYGCB	G	186	96	27.2	52	1	148	197	214						
Kruger	K9308YGCB	G	198	99	27.5	50	0	169	206	220						
Dairyland	Stealth 1507Bt	G	196	98	27.8	50	1	160	202	228	232 *	104 *	202	247 *	247	214
Kruger	K9910YGCB	G	200	99	28.2	50	1	162	199	240 *						
Carharts Blue Top	CX1080Bt	G	184	94	30.0	49	0	143	187	223						
MEAN			197	100	23.8	54	1	166	200	224	211	100	184	214	234	211
LSD(0.10)**			12	3	1.5	1	1	14	16	19	16	4	26	22	19	10

<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.