

# 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†	2004							2003					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		
Kruger	K9491RRYGCB	GX	171	95	19.6	54	0	133	182	194								
Kruger	K9002YGCB	G	216 *	106 *	21.2	52	0	180	231 *	234 *								
Kruger	K9401YGCB	G	190	99	22.3	51	0	162	213	192								
Mycogen	4521Bt	G	227 *	108 *	22.3	51	0	185 *	245 *	249 *	200	102 *	165	204	231		213 *	
Dekalb	DKC5247(RR2YGCB)	GH	202	102	22.5	51	0	166	201	234 *								
Garst	8787YG1	G	204	102	23.0	51	0	175	211	221	188	98	152	203	209		195	
LG Seeds	LG2494		185	97	23.2	51	0	155	191	206								
Kruger	K9404YGCB	G	206	103 *	23.2	51	0	179	219	218	190	99	160	193	217		198	
NK Brand	N45-A6	K	195	100	23.3	50	0	159	197	227	199	102 *	164	202	231		197	
Renk	RK652LLYGCB	K	203	101	23.4	51	0	151	226 *	228								
Growmark	FS4453		226 *	107 *	23.5	50	1	184 *	243 *	248 *								
Midwest	G7221B	G	208	103 *	23.6	51	0	165	218	237 *	197	101	165	208 *	219		202	
Kussmaul	K501Y	G	212 *	104 *	23.7	52	0	203 *	215	216								
Johnson Seeds	4998		190	98	23.9	51	0	176	189	202								
<b>100-DAY HYBRID TRIAL AVERAGE##</b>					24.0													
Kruger	K9306YGCB	G	200	100	24.0	50	0	158	210	228	208 *	103 *	177 *	192	254 *		203	
Dahlco	X4051Bt	G	201	101	24.1	49	1	171	210	218								
Mycogen	X25404	D	205	102	24.1	50	0	172	226 *	214								
Crows	2192B	G	208	103 *	24.2	50	0	185 *	214	221	195	100	174	191	220		201	
NK Brand	NX5141	K	192	98	24.2	50	1	161	215	196								
Renk	RK636RRYGCB	GJ	210 *	103 *	24.4	50	0	179	229 *	219	194	100	163	197	224		202	
Mycogen	2J525		218 *	105 *	24.4	50	1	179	232 *	238 *								
Pioneer	36B08		198	100	24.6	51	1	161	213	217	194	99	163	198	222		195	
Dekalb	DKC5451(YGCB)	G	205	101	24.6	52	1	178	210	223								
Dahlco	2505Bt	G	199	100	24.7	49	1	159	209	224								
Vigoro	V43Y31	G	208	102	24.7	50	0	179	212	229								
Mycogen	2K541	GJ	204	101	24.7	50	0	189 *	204	216								
Renk	RK772YGCB	G	210 *	103 *	24.7	50	0	177	210	240 *	215 *	105 *	187 *	210 *	247 *		212 *	
Dynagro	55P41	GJ	213 *	103 *	24.8	50	1	188 *	220	227								
Jung	6573YGCB	G	201	101	24.8	50	0	180	205	213	196	101	158	205	226		198	
Kruger	K9203RRYGCB	GJ	218 *	105 *	24.9	49	0	201 *	215	235 *								
Kruger	K8503HX	L	207	102	24.9	49	1	178	231 *	208								
Johnson Seeds	4651BtRR	G	201	101	25.0	49	0	177	210	214								
Dairyland	Stealth 1503		219 *	105 *	25.0	50	0	200 *	219	234 *	202	102 *	169	207 *	229		210 *	
Pioneer	36B11	GJ	208	102	25.0	52	0	190 *	210	220								
Golden Harvest	H7990Bt	G	198	100	25.0	50	0	171	201	219								
Croplan Genetics	441Bt	G	187	96	25.2	50	0	144	202	211								
Access	A5405YGCB	G	216 *	104 *	25.3	50	0	196 *	226 *	222								
NK Brand	N50-P5	K	215 *	104 *	25.4	49	0	187 *	235 *	218	211 *	104 *	182 *	213 *	237 *		212 *	
Kruger	K5504YGCB	G	223 *	106 *	25.6	50	0	202 *	233 *	233 *								
Kaltenberg	K5244RRBt	GJ	200	100	25.6	50	0	179	217	199								
Trelay	6200		185	96	25.8	49	0	159	195	198								
Kruger	K9304YGCB	G	199	100	26.0	49	0	173	215	206								
Mallard	EXP0501	G	219 *	104 *	26.3	50	0	188 *	224 *	241 *								
AgriGold	A6305Bt	G	212 *	102	26.3	50	0	180	221	231 *	198	100	175	196	222		204 *	
Renk	RK700YGCB	G	196	98	26.4	50	0	161	218	207	204 *	102 *	172	212 *	228		200	
<b>105-DAY HYBRID TRIAL AVERAGE##</b>					26.4													
Foundation	104X		208	101	26.5	48	1	176	224 *	221								
Golden Harvest	EX48338Bt	G	207	101	26.6	50	0	176	226 *	217								
Dahlco	X4013		212 *	102	26.7	48	0	191 *	216	225								

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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>	2004							2003			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	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	
Golden Harvest	EX47935Bt	G	196	98	26.7	48	1	179	210	195						
Kruger	K9305		199	99	26.8	50	0	180	201	213						
Kruger	K9407YGCB	G	210 *	102	26.8	50	0	201 *	211	214						
Dairyland	Stealth 5104	G	207	101	26.8	50	0	184 *	217	215	197	99	167	201	222	201
Brunner	EXP102Bt	G	192	97	27.0	49	0	167	204	201						
Brunner	S4903Bt	G	196	98	27.0	49	0	184 *	185	216						
Dynagro	CX03394		198	99	27.1	49	0	188 *	196	208						
Pioneer	34H32	G	212 *	102	27.1	52	0	183 *	228 *	223						
Pioneer	35Y55	G	202	100	27.2	49	0	183 *	216	205	214 *	104 *	180 *	205	256 *	208 *
Vigoro	V46Y41	G	201	99	27.3	49	0	181	212	205						
Pioneer	34N44	G	222 *	105 *	27.3	51	0	207 *	223 *	232 *						
Lemke	6031Bt	G	198	99	27.4	51	0	175	202	213						
Mycogen	2R570	LD	208	101	27.4	48	0	193 *	218	210						
Carharts Blue Top	CX1505Bt	G	204	100	27.4	51	0	161	225 *	222						
Access	A1506RR	J	207	101	27.5	50	0	167	218	232 *						
Kaltenberg	K5215Bt	G	201	99	27.6	50	1	174	208	217						
Dairyland	Stealth 1606		204	100	27.6	49	0	176	212	220	204 *	102 *	171	223 *	220	204 *
Croplan Genetics	503Bt	G	196	98	27.7	50	0	161	201	222						
Carharts Blue Top	CX1057Bt	G	206	100	27.7	49	0	175	208	231 *	200	100	169	202	228	202
Spangler	5003G	G	203	99	27.7	50	0	169	205	230	207 *	102 *	178 *	214 *	228	204 *
High Cycle	HC7698RRYGCB	GJ	211 *	102	27.9	48	0	199 *	205	227	204 *	101	167	211 *	234	207 *
Legacy Seeds	L5199	G	205	100	28.0	50	0	182 *	211	219						
Access	A5503YGCB	G	195	97	28.3	50	0	164	196	221						
AgriGold	A6333Bt	G	216 *	103 *	28.3	49	0	186 *	227 *	233 *	212 *	103 *	190 *	222 *	224	214 *
Mallard	3612CB	G	201	99	28.4	50	0	174	214	212						
Kruger	K9807		179	93	28.4	50	0	152	189	191						
High Cycle	HC7601YGCB	G	206	100	28.5	50	0	185 *	209	219	205 *	102 *	179 *	208 *	227	205 *
AgriGold	XA5416Bt	G	204	100	28.6	51	0	186 *	211	210						
Pioneer	35Y67	LD	218 *	103 *	28.6	52	0	201 *	234 *	216						
Kruger	K0505		198	98	28.7	51	0	188 *	190	212						
Kruger	K1006RR	J	171	91	28.7	50	0	146	182	180						
North Gro	5642YGCB	G	185	95	28.9	50	0	161	181	209						
Top Farm	9305RY	GJ	190	96	28.9	49	0	174	191	200						
Kruger	K5110YGCB	G	191	96	29.4	48	0	169	201	201						
Jung	6545YGCB	G	183	94	29.5	50	0	138	193	215	197	100	164	200	226	189
Access	A2506RRYGCB	GJ	207	99	30.3	49	0	176	218	223						
Dairyland	Stealth 1507Bt	G	206	99	31.0	48	0	199 *	206	209	196	98	160	202	228	201
Growmark	FS5264Bt	G	213 *	100	31.7	48	0	204 *	206	224						
Carharts Blue Top	CR1080RB	GH	199	97	32.0	49	0	181	218	195						
Dahlco	X4101		185	92	33.3	48	0	155	191	205						
MEAN			203	100	26.2	50	0	176	212	217	197	100	166	200	224	203
LSD(0.10)**			17	5	1.7	1	0	25	23	18	12	3	14	16	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, 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.