

Table 6. Southern Zone - Early Maturity Grain Trial (page 1 of 3)

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

BRAND	HYBRID	Genes [†]	2006									2005			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	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	
Jung	7437RRYGPL	GNJ	213	99	17.4	57	2	213	219	208							
Renk	RK575YGPL	GN	218	101 *	17.5	56	0	218	217	220							
Kruger	K1500RR	J	222	101 *	17.5	57	3	223	232	211	219	100	213	204	240		220
NK Brand	N35-B8	KD	197	94	17.8	56	10	186	200	206							
Wyffels	W1959	GN	218	100	17.8	55	1	222	213	219							
95-DAY HYBRID TRIAL AVERAGE##			18.2														
Dekalb	DKC52-40(RR2YGPL)	GNJ	239 *	104 *	18.4	56	4	238 *	237	243 *							
NK Brand	N36-T3	KD	219	100	18.7	56	1	212	225	219							
Kruger	K1700RR	J	216	99	18.9	57	3	206	231	211							
NK Brand	N38-B4	KDH	193	94	18.9	55	2	186	208	186							
Croplan Genetics	421RRBt	GJ	228	102 *	19.0	57	2	214	230	239 *							
Kruger	K2499RRYGCB	GJ	229	102 *	19.0	57	1	222	224	242 *							
NK Brand	N45-A6	KD	230	102 *	19.1	55	5	229	233	228	223	101	232	203	236		227
Dekalb	DKC51-39(RR2YGPL)	GNJ	222	100	19.1	56	3	220	228	217							
Dairyland	Stealth 1600		211	98	19.4	56	3	198	223	210							
NK Brand	N44-M1	KDH	217	99	19.5	55	2	211	227	213							
Renk	RK772RRYGPL	GNJ	225	101 *	19.6	55	0	217	233	225							
Renk	RK632RRYGPL	GNJ	219	99	19.7	56	6	215	230	212							
Jung	7422RRYGPL	GNJ	218	99	19.8	57	7	222	210	223							
Dairyland	Stealth 5201	G	220	100	19.9	56	3	217	229	214	230	101	226	210	255 *		225
Legacy Seeds	L4840RRBt	GJ	206	97	19.9	57	2	204	213	201							
Hughes	3235CB	G	239 *	104 *	19.9	55	1	238 *	241 *	238 *	235	103 *	229	226 *	249 *		237 *
AgriGold	A6225BtRR	GJ	213	98	19.9	56	2	202	218	218							
Hughes	2946R+	GNJ	221	99	19.9	57	11	225	218	221							
Brown	5232RRYGPlus	GNJ	217	98	20.0	57	8	226	215	211							
Kruger	K6503TS	GNJ	227	101 *	20.0	56	2	222	242 *	217							
100-DAY HYBRID TRIAL AVERAGE##			20.4														
Croplan Genetics	491TS	GNJ	240 *	104 *	20.5	57	1	240 *	254 *	226							
Hughes	3371R+	GNJ	227	101 *	20.7	55	3	225	241 *	214							
Mycogen	2K546	GNJ	218	99	20.7	55	1	223	233	199							

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BRAND	HYBRID	Genes [†]	2006									2005					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		
NK Brand	N48-R3	KD	223	100	20.7	52	5	215	222	233								
Dekalb	DKC52-63(RR2YGCB)	GJ	230	102 *	20.7	55	1	204	248 *	239 *								
Dairyland	Stealth 1603		229	101 *	20.8	54	4	231	245 *	212								
Carharts Blue Top	CR1960RWP	GNJ	224	101 *	20.9	55	0	229	235	209								
Mycogen	2A517	LD	230	101 *	20.9	55	4	232	234	225								
O'Brien	OB1005		219	99	21.0	55	4	222	222	213								
Renk	RK669		216	98	21.5	55	1	208	241 *	197								
Brown	5310Hx1LL	LD	229	101 *	21.5	54	2	217	223	248 *								
Cornelius	C382YG	G	219	97	21.6	54	14	211	230	215	233	101	229	222 *	248 *			226
Trelay	5N749	GJ	234 *	102 *	21.6	56	1	229	248 *	225								
Garst	8688GT	Q	227	100	21.6	54	5	233	229	219								
NK Brand	N53-W3	H	235 *	102 *	21.7	54	3	242 *	243 *	221								
Wyffels	W2711	GNJ	222	99	21.7	55	1	228	231	206								
Partners Brand	520Hx1	L	221	99	21.7	54	3	223	217	225								
Golden Harvest	H7935Hx	L	225	100	21.8	52	2	214	229	232								
Crows	2121S	GJ	233	102 *	21.8	56	2	222	240 *	236								
Wyffels	W3819	GN	214	96	21.8	55	10	209	218	214								
Legacy Seeds	L4660RRBt	GJ	225	100	21.8	54	2	227	233	215								
Midwest Genetics	70503S	GJ	230	101 *	21.9	56	3	230	227	234								
Pioneer	35F38		214	97	21.9	56	2	197	214	230								
Hughes	3836CBL	GD	229	100	21.9	53	8	215	238 *	236								
Cornelius	C327YG	G	240 *	103 *	22.0	55	2	233	246 *	241 *	239 *	103 *	247 *	219	251 *			240 *
Kruger	K0605B		239 *	103 *	22.0	54	2	251 *	235	231	244 *	104 *	256 *	231 *	246			242 *
Kruger	K9203RRYGCB	GJ	225	100	22.0	54	1	221	231	222	230	101	222	225 *	244			227
Mycogen	2R570	LD	226	100	22.1	52	3	217	234	226	230	101	225	211	254 *			228
Renk	RK644YGCB	G	237 *	103 *	22.1	56	2	223	236	252 *								
Dairyland	Stealth 5204	G	243 *	104 *	22.1	55	0	239 *	245 *	247 *	238 *	103 *	249 *	216	250 *			241 *
Jung	6572YGCB	G	225	100	22.1	53	1	207	237	232								
Garst	8677GT	Q	238 *	103 *	22.1	54	1	238 *	244 *	232								
Kruger	K0404		231	101 *	22.3	54	1	235	229	229								

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

BRAND	HYBRID	Genes [†]	2006									2005					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	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	Yield bu/A	
Kruger	K6603TS	GNJ	231	101 *	22.4	56	2	226	240 *	226								
Spangler	458G	G	229	101 *	22.4	55	0	218	237	233								
NK Brand	N51-T8	KD	234 *	102 *	22.6	57	2	223	247 *	231								
Kruger	K5504YGCB	G	237 *	102 *	22.6	56	1	232	239 *	239 *	248 *	105 *	256 *	224 *	265 *			243 *
Brown	5636RR2YGCB	GJ	223	98	22.7	54	9	213	236	220	238 *	101	240 *	229 *	244			230
Wyffels	W4167	GN	229	100	22.8	56	5	231	234	223								
Dyna Gro	55B65	GNJ	215	96	22.8	56	13	211	204	230								
Golden Harvest	H7625HxLL	L	230	101 *	22.9	54	2	229	224	236								
North Gro	5945YGPLRR	GNJ	221	98	22.9	54	3	214	222	227								
105-DAY HYBRID TRIAL AVERAGE##			22.9															
Renk	RK636RRYGCB	GJ	222	99	23.0	53	1	212	240 *	212	237 *	102 *	232	230 *	250 *			229
LG Seeds	LG2533		226	100	23.0	54	2	210	233	235	234	101	230	233 *	239			230
Partners Brand	479RRYGCB	GJ	229	98	23.0	55	14	230	218	238 *	223	98	234	209	224			226
Dyna Gro	55F43	G	234 *	101 *	23.2	55	6	240 *	238 *	225	237 *	102 *	230	231 *	249 *			235 *
Dairyland	Stealth 5503	G	230	100	23.3	55	3	225	230	234	231	100	239 *	218	236			231
Mycogen	2D555	LD	228	100	23.3	54	2	216	244 *	225								
Croplan Genetics	566TS	GNJ	246 *	103 *	23.4	55	5	254 *	247 *	236								
Kruger	K5505YGCB	G	212	95	23.5	55	7	209	210	217	236 *	101	238 *	222 *	247 *			224
Pioneer	35A30		233	101 *	23.5	56	1	222	245 *	232	239 *	103 *	246 *	218	254 *			236 *
AgriGold	A6310Bt	G	211	96	23.6	52	2	211	214	208								
Mycogen	2J527	LD	230	101 *	23.6	55	0	217	243 *	231								
AgriGold	A6333BtRWRR	GNJ	227	100	23.9	54	1	227	235	219								
Farm Advantage	5406	LD	235 *	101 *	24.0	55	2	236	235	236								
Wyffels	W3945	L	226	99	24.2	54	4	227	234	218	248 *	105 *	246 *	237 *	262 *			237 *
Kruger	K2105RRYGCB	GJ	214	96	24.3	52	2	196	229	217								
Cornelius	C466Hx	LD	227	100	24.5	55	1	228	233	222								
AgriGold	A6325RWRR	NJ	239 *	102 *	24.5	53	3	236	242 *	240 *								
Pioneer	35A31	L	243 *	102 *	25.5	55	5	236	244 *	248 *								
Pioneer	36H54	L	230	99	25.8	54	1	216	235	238 *								
Kaltenberg	K5539LLBtHx	L	223	98	26.2	53	0	213	222	235								
MEAN			225	100	21.5	55	3	221	231	224	227	100	228	212	240			232
LSD(0.10)**			12	3	1.3	1	5	16	16	15	12	3	20	17	18			8

[†] Code = Trait(Gene): B=bmr(bm3); C=IMl(IT); D=LL(T25); F,G,K,L=Bt-ECB(Bt176, Mon810, Bt11, TC1507); H,J,Q=RR(MonGA21, Nk603, SytGA21); M=Leafy; N,P=Bt-CRW(Mon863, DAS591227); X=Unknown.

Average whole plant moisture of all hybrids in the 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.