

Table 9. Southern Zone - Roundup Ready Systems Grain Trial

(ARLINGTON = ARL, JANESVILLE = JAN, LAN = LANCASTER)

BRAND	HYBRID	Genes [†]	2006 RR Trial							2006 Hybrid Trial					
			AVERAGE					ARL	JAN	Southern Zone			ARL	JAN	LAN
			Yield bu/A	P.I. #	Moist %	Test Wt.	Lodged %	Yield bu/A	Yield bu/A	Yield bu/A	P.I. #	Yield bu/A	Yield bu/A	Yield bu/A	
Kruger	K1500RR	J	230 *	105 *	19.2	56	2	228 *	232	222	101 *	223	232	211	
Dekalb	DKC52-40(RR2YGPL)	GNJ	239 *	107 *	20.0	56	2	232 *	247 *	239 *	104 *	238 *	237	243 *	
Croplan Genetics	421RRBt	GJ	229 *	102	20.8	56	13	217	241	228	102 *	214	230	239 *	
Dekalb	DKC51-39(RR2YGPL)	GNJ	227 *	102	21.1	56	13	216	239	222	100	220	228	217	
100-DAY HYBRID TRIAL AVERAGE##					21.3										
Kruger	K2499RRYGCB	GJ	222	102	21.4	56	5	209	236	229	102 *	222	224	242 *	
Croplan Genetics	491TS	GNJ	229 *	102	22.0	57	12	220	238	240 *	104 *	240 *	254 *	226	
Midwest Genetics	70503S	GJ	237 *	103 *	22.9	56	16	236 *	238	230	101 *	230	227	234	
Wyffels	W2711	GNJ	221	100	23.1	55	12	217	225	222	99	228	231	206	
Kruger	K9203RRYGCB	GJ	226	103 *	23.1	54	2	224 *	228	225	100	221	231	222	
Wyffels	W4167	GN	226	101	24.0	55	13	225 *	228	229	100	231	234	223	
Croplan Genetics	566TS	GNJ	239 *	101	25.0	55	20	231 *	247 *	246 *	103 *	254 *	247 *	236	
Dekalb	DKC58-78(YGCB)	G	223	100	25.7	54	5	214	232	214	100	210	220	211	
Kruger	K2509RRYGCB	GJ	244 *	102	25.9	54	22	227 *	261 *	229	101	230	216	242 *	
Trelay	6N664	GJ	231 *	98	26.6	53	25	216	246	215	97	221	202	220	
105-DAY HYBRID TRIAL AVERAGE##					26.8										
Midwest Genetics	76172S	GJ	221	95	27.1	53	26	210	231	222	100	211	227	228	
Crows	4222S	NJ	218	96	27.1	53	19	207	229	220	98	205	229	227	
Kruger	K2506RRYGCB	GJ	227 *	99	27.4	54	10	215	239	214	98	220	205	216	
Dekalb	DKC57-79(RR2YGPL)	GNJ	231 *	100	27.4	54	14	223 *	240	234	103 *	225	249 *	228	
Croplan Genetics	591CRWRR	NJ	242 *	103 *	27.5	56	9	229 *	255 *	249 *	107 *	261 *	255 *	231 *	
Kruger	K1606RR	J	238 *	101	27.8	53	13	220	256 *	228	103 *	209	247 *	228	
Dekalb	DKC60-18(RR2YGPL)	GNJ	244 *	101	28.4	54	18	224 *	264 *	239 *	104 *	234	246 *	236 *	
Midwest Genetics	77124X	NJ	214	92	29.2	53	29	195	233	246 *	104 *	241 *	250 *	247 *	
Croplan Genetics	645TS	GNJ	223	96	29.4	54	19	203	242	242 *	103 *	231	254 *	240 *	
Crows	4843X	NJ	226	95	29.8	54	26	202	249 *	229	96	227	229	232 *	
Croplan Genetics	691BtLL	KD	211	92	30.3	53	21	181	242	224	99	224	218	230	
MEAN			229	100	25.3	55	15	217	241						
LSD(0.10)**			17	4	1.1	2	11	15	17						

[†] Code = Trait(Gene): B=bmr(bm3); C=IMI(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.