

Table 8. Southern Zone - Corn Rootworm Systems Grain Trial

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

BRAND	HYBRID	Genes [†]	2006 CRW 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
Dekalb	DKC52-40(RR2YGPL)	GNJ	221 *	109 *	18.8	56	10	218 *	223 *	239 *	104 *	238 *	237	243 *
Dekalb	DKC51-39(RR2YGPL)	GNJ	199	102 *	19.9	56	15	212 *	185	222	100	220	228	217
Kruger	K6503TS	GNJ	195	99	20.1	56	23	199	190	227	101 *	222	242 *	217
Croplan Genetics	491TS	GNJ	188	99	20.4	57	15	201	175	240 *	104 *	240 *	254 *	226
Kruger	K6607TS	GNJ	198	98	22.2	55	27	203	193	213	101	216	216	207
Kruger	K9407TS	GNJ	196	96	23.5	56	30	195	196	209	97	204	217	206
105-DAY HYBRID TRIAL AVERAGE##						23.7								
Kruger	K6603TS	GNJ	187	89	23.8	54	53	171	202	231	101 *	226	240 *	226
Dekalb	DKC58-78(YGCB)	G	203	103 *	24.3	53	5	192	214 *	214	100	210	220	211
Croplan Genetics	566TS	GNJ	217 *	105 *	24.5	54	13	214 *	221 *	246 *	103 *	254 *	247 *	236
Dekalb	DKC57-79(RR2YGPL)	GNJ	223 *	102 *	26.8	54	26	219 *	227 *	234	103 *	225	249 *	228
Kruger	K9212TS	GNJ	208 *	95	27.1	53	41	206 *	210 *	227	99	202	244 *	236 *
Kruger	K9310TS	GNJ	200	94	27.4	54	39	187	214 *	215	98	197	227	222
Dekalb	DKC60-18(RR2YGPL)	GNJ	226 *	106 *	27.5	53	13	231 *	220 *	239 *	104 *	234	246 *	236 *
Croplan Genetics	591CRWRR	NJ	218 *	104 *	27.7	56	10	220 *	217 *	249 *	107 *	261 *	255 *	231 *
Croplan Genetics	691BtLL	KD	218 *	103 *	29.5	52	10	214 *	221 *	224	99	224	218	230
Crows	4843X	NJ	216 *	94	29.6	53	48	213 *	218 *	229	96	227	229	232 *
Croplan Genetics	645TS	GNJ	226 *	101 *	30.5	53	26	225 *	228 *	242 *	103 *	231	254 *	240 *
MEAN			208	100	24.9	54	24	207	209					
LSD(0.10)**			19	8	1.1	1	20	25	19					

[†] 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.