

Table 13. South Central Zone - Corn Rootworm Systems Grain Trial

(FOND DU LAC = FON, GALESVILLE = GAL, HANCOCK = HAN)

| BRAND | HYBRID | Genes [†] | 2006 CRW Trial | | | | | | 2006 Hybrid Trial | | | | | |
|---------------------------------------|-----------|--------------------|----------------|-----------|------------|-------------|-------------|---------------|-------------------|---------------|-----------|---------------|---------------|--|
| | | | AVERAGE | | | FON | GAL | SC Zone | | GAL | HAN | | | |
| | | | 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 | |
| Carharts Blue Top | CX1958P | GN | 192 * | 103 * | 18.9 | 57 | 0 | 185 * | 199 | 211 | 101 | 203 | 219 | |
| Kruger | K9392TS | GNJ | 182 * | 100 * | 19.4 | 58 | 1 | 168 | 196 | 208 | 100 | 192 | 225 | |
| Croplan Genetics | 355TS | GNJ | 196 | 100 * | 19.8 | 57 | 0 | 170 | 192 | 188 | 95 | 188 | 188 | |
| Croplan Genetics | 491TS | GNJ | 209 * | 101 * | 19.9 | 58 | 1 | 178 * | 199 | 236 * | 103 * | 220 | 253 | |
| Kruger | K6503TS | GNJ | 178 | 98 * | 20.5 | 57 | 0 | 163 | 193 | 222 | 99 | 208 | 236 | |
| Trelay | 7560 | G | 211 | 99 * | 21.2 | 56 | 0 | 177 * | 183 | 222 | 101 | 193 | 250 * | |
| Trelay | 5K106 | GNJ | 195 * | 103 * | 21.5 | 56 | 0 | 194 * | 197 | 221 | 101 | 197 | 245 | |
| Carharts Blue Top | CR1960RWP | GNJ | 180 | 98 * | 21.5 | 55 | 0 | 158 | 201 | 208 | 98 | 190 | 227 | |
| Kruger | K6607TS | GNJ | 177 | 97 | 22.3 | 56 | 0 | 164 | 190 | | | | | |
| 105-DAY HYBRID TRIAL AVERAGE## | | | | | 22.9 | | | | | | | | | |
| Kruger | K6603TS | GNJ | 183 * | 99 * | 23.0 | 56 | 2 | 181 * | 184 | 225 | 99 | 220 | 230 | |
| Kruger | K9407TS | GNJ | 185 * | 99 * | 23.3 | 55 | 0 | 176 * | 193 | | | | | |
| Croplan Genetics | 566TS | GNJ | 219 * | 103 * | 23.6 | 55 | 0 | 178 * | 221 * | 235 | 101 * | 228 * | 241 | |
| NK Brand | N58-D1 | KD | 209 * | 100 * | 24.2 | 54 | 0 | 172 | 205 | 242 * | 102 * | 231 * | 252 | |
| MEAN | | | 208 | 100 | 21.5 | 56 | 0 | 174 | 196 | | | | | |
| LSD(0.10)** | | | 15 | 5 | 2.2 | 2 | 1 | 18 | 11 | | | | | |

[†] 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.