

GRAIN TRIALS

Table 7. Southern Zone - Early Maturity Grain Trial. (page 1 of 2)

105 day Relative Maturity or earlier based on company rating (Arlington= ARL, Janesville= JAN, Lancaster= LAN, Montfort=MON)

| Brand | Hybrid | Traits† | 2015 | | | | | | | | | 2014 | | | | | | |
|--------------------------------|-------------------|----------------|--------------|--------|---------|----------|---------|--------------|--------------|--------------|--------------|---------|--------------|--------------|--------------|--|--|--|
| | | | Average | | | | | | Yield (bu/A) | | | Average | | | | | | |
| | | | Yield (bu/A) | P.I. # | Moist % | Test Wt. | Lodge % | Yield (bu/A) | Yield (bu/A) | Yield (bu/A) | Yield (bu/A) | P.I. # | Yield (bu/A) | Yield (bu/A) | Yield (bu/A) | | | |
| Tracy Seeds | T098-11(3000GT) | CB,LL,RR,RW | 203 | 94 | 18.5 | 55 | 20 | 220 | 220 | 169 | | | | | | | | |
| Tracy Seeds | T100-25(3000GT) | CB,LL,RR,RW | 208 | 95 | 19.1 | 55 | 19 | 202 | 223 | 198 | | | | | | | | |
| NK Brand | N45P-3011A | CB,LL,RR,RW-wo | 232 | * 102 | 19.5 | 55 | 9 | * 254 | 233 | 209 | * 242 | * 103 | * 260 | * 233 | * 232 | | | |
| Legend Seeds | JSC30J605 | None | 208 | 94 | 19.5 | 55 | 23 | 206 | 218 | 200 | | | | | | | | |
| AgriGold | A6257STXRIB | CB,LL,RR,RW | 215 | 96 | 19.6 | 55 | 17 | 237 | 230 | 178 | 221 | * 100 | 235 | 205 | 224 | | | |
| Wyffels | W2308(GENSSRIB) | CB,LL,RR,RW | 228 | * 102 | 19.7 | 53 | 4 | 239 | 236 | 209 | | | | | | | | |
| Golden Harvest | G01P52-3011A | CB,LL,RR,RW-wo | 223 | 98 | 19.8 | 56 | 18 | 242 | 235 | 192 | 233 | * 101 | 248 | * 234 | 218 | | | |
| InVision | FS 51TX1RIB | CB,LL,RR,RW | 226 | * 101 | 19.8 | 56 | 7 | 251 | 227 | 201 | | | | | | | | |
| NK Brand | N49W-3000GT | CB,LL,RR,RW | 220 | 99 | 19.9 | 53 | 6 | 244 | 218 | 198 | 213 | 98 | 238 | 201 | 199 | | | |
| Tracy Seeds | T102-14(Vip3011A) | CB,LL,RR-wo | 214 | 97 | 19.9 | 55 | 14 | 239 | 216 | 186 | | | | | | | | |
| O'Brien Hybrids | OB4100 | CB,LL,RR,RW-wo | 228 | 99 | 20.0 | 56 | 14 | 237 | 239 | 206 | | | | | | | | |
| AgriGold | A6300STXRIB | CB,LL,RR,RW | * 238 | * 103 | 20.1 | 55 | 5 | * 268 | 238 | 207 | | | | | | | | |
| Power Plus | 1S26AMXT | CB,LL,RR,RW | * 250 | * 104 | 20.5 | 55 | 15 | * 265 | * 257 | * 229 | | | | | | | | |
| Legacy Seeds | L4714 | CB,LL,RR,RW | 226 | * 101 | 20.7 | 55 | 3 | 249 | 228 | 202 | | | | | | | | |
| 100-DAY HYBRID TRIAL AVERAGE## | | | 20.7 | | | | | | | | | | | | | | | |
| Cornelius | C344VT3P | CB,RR,RW | 217 | 98 | 20.8 | 54 | 7 | 220 | 229 | 202 | | | | | | | | |
| Cornelius | C380SS | CB,LL,RR,RW | 229 | 99 | 20.9 | 55 | 13 | * 264 | 222 | 201 | | | | | | | | |
| Federal Hybrids | 5250SS | CB,LL,RR,RW | 225 | 99 | 21.0 | 55 | 10 | 252 | 228 | 195 | | | | | | | | |
| AgriGold | A6355STX | CB,LL,RR,RW | * 237 | * 102 | 21.1 | 54 | 8 | * 261 | 234 | 216 | | | | | | | | |
| NuTech/G2 Genetics | 5X-903 | CB,LL,RW | 224 | 100 | 21.2 | 53 | 5 | 247 | 236 | 188 | | | | | | | | |
| LG Seeds | LG5499STXRIB | CB,LL,RR,RW | * 238 | * 101 | 21.3 | 54 | 16 | * 263 | 238 | 214 | * 237 | * 102 | 252 | * 227 | * 234 | | | |
| AgriGold | A6267STXRIB | CB,LL,RR,RW | 230 | 100 | 21.3 | 54 | 9 | * 254 | 228 | 208 | 227 | * 100 | 235 | * 229 | 217 | | | |
| NuTech/G2 Genetics | 5H-502(HX) | CB,LL | * 241 | * 104 | 21.4 | 55 | 3 | * 271 | 239 | 214 | | | | | | | | |
| Legacy Seeds | L4424 | CB,LL,RR,RW | 228 | 100 | 21.5 | 55 | 7 | 245 | 239 | 201 | | | | | | | | |
| LG Seeds | LG5507STX | CB,LL,RR,RW | * 236 | * 102 | 21.6 | 54 | 5 | * 259 | 239 | 210 | | | | | | | | |
| ProHarvest | 6333STAXRIB | CB,LL,RR,RW | 224 | 99 | 21.6 | 55 | 7 | * 260 | 229 | 183 | | | | | | | | |
| Channel | 205-19STXRIB | CB,LL,RR,RW | * 249 | * 105 | 21.6 | 54 | 7 | * 273 | * 255 | * 218 | | | | | | | | |
| Dekalb | DKC54-38RIB | CB,LL,RR,RW | * 241 | * 103 | 21.6 | 55 | 6 | * 254 | 243 | * 227 | 232 | * 101 | 253 | * 227 | 216 | | | |
| Tracy Seeds | T104-13(3000GT) | CB,LL,RR,RW | 230 | 99 | 21.7 | 54 | 18 | 246 | 245 | 199 | | | | | | | | |
| Power Plus | 1K08AMXT | CB,LL,RR,RW | 230 | 100 | 21.7 | 52 | 8 | 245 | 235 | 210 | | | | | | | | |
| Dekalb | DKC52-30RIB | CB,LL,RR,RW | 235 | 98 | 22.0 | 55 | 24 | 246 | 243 | 216 | * 240 | * 103 | * 259 | 218 | * 243 | | | |
| Power Plus | 2F91AMXT | CB,LL,RR,RW | * 245 | * 104 | 22.2 | 55 | 4 | * 256 | 244 | * 234 | | | | | | | | |
| Federal Hybrids | 5530VT3P | CB,RR,RW | 219 | 98 | 22.2 | 55 | 9 | 246 | 234 | 178 | | | | | | | | |
| Wyffels | W3358RIB | CB,LL,RR,RW | * 238 | * 103 | 22.3 | 55 | 1 | 251 | 238 | * 224 | * 242 | * 103 | 254 | * 228 | * 245 | | | |
| Titan PRO | TP38-04-3122(RIB) | CB,LL,RR,RW | 232 | 99 | 22.3 | 55 | 17 | * 262 | 229 | 205 | * 236 | * 101 | * 263 | 216 | * 230 | | | |

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Table 7 (continued). Southern Zone - Early Maturity Grain Trial. (page 2 of 2)

105 day Relative Maturity or earlier based on company rating (Arlington= ARL, Janesville= JAN, Lancaster= LAN, Montfort=MON)

| Brand | Hybrid | Traits† | 2015 | | | | | | | | | 2014 | | | |
|---------------------------------------|--------------------|----------------|--------------|--------|---------|------------|---------|-------|--------------|-------|--------------|---------|-------|-------|-------|
| | | | Average | | | | | | Yield (bu/A) | | | Average | | | |
| | | | Yield (bu/A) | P.I. # | Moist % | Test Wt. % | Lodge % | ARL | JAN | MON | Yield (bu/A) | P.I. # | ARL | JAN | LAN |
| Legend Seeds | JSC47J104-3122 | CB,LL,RR,RW | 229 | 98 | 22.4 | 55 | 20 | 224 | 252 | 210 | | | | | |
| Federal Hybrids | 5440SS | CB,LL,RR,RW | * 247 | * 104 | 22.4 | 53 | 10 | 242 | * 265 | * 235 | | | | | |
| InVision | FS 52ZX1RIB | CB,LL,RR,RW | 229 | 100 | 22.5 | 55 | 6 | 250 | 245 | 190 | | | | | |
| 105-DAY HYBRID TRIAL AVERAGE## | | | | | 22.5 | | | | | | | | | | |
| Mycogen | X13526VX | CB,LL,RR,RW | * 253 | * 103 | 22.6 | 53 | 17 | * 276 | * 262 | * 221 | 231 | * 101 | 258 | 219 | 216 |
| NuTech/G2 Genetics | 5X-905 | CB,LL,RW | * 245 | * 103 | 22.6 | 53 | 8 | * 257 | * 258 | * 220 | | | | | |
| NuTech/G2 Genetics | 5Z-504 | CB,LL,RR | * 254 | * 104 | 22.6 | 54 | 12 | * 272 | * 272 | * 219 | | | | | |
| LG Seeds | LG5502STXRIB | CB,LL,RR,RW | * 247 | * 105 | 22.7 | 55 | 1 | * 266 | * 265 | 209 | | | | | |
| Tracy Seeds | T104-14(Vip3122EZ) | CB,LL,RR,RW | 213 | 92 | 22.8 | 55 | 32 | 200 | 248 | 190 | | | | | |
| Steyer Seeds | 10503SIRIBC | CB,LL,RR,RW | * 256 | * 107 | 23.0 | 55 | 2 | * 282 | 245 | * 243 | | | | | |
| LG Seeds | LG5523STXRIB | CB,LL,RR,RW | * 247 | * 104 | 23.4 | 55 | 4 | * 253 | 248 | * 241 | * 239 | * 102 | 243 | * 241 | * 232 |
| Cornelius | C449DP | CB,RR | 224 | 94 | 23.9 | 54 | 27 | * 267 | 219 | 185 | | | | | |
| Dairyland | DS9805 | CB,LL,RR,RW | * 243 | * 102 | 24.2 | 53 | 7 | * 265 | * 256 | 208 | | | | | |
| Dairyland | DS9203 | CB,LL,RR,RW | * 253 | * 105 | 24.5 | 53 | 1 | * 266 | * 267 | * 227 | | | | | |
| Renk | RK699SSTX(RIB) | CB,LL,RR,RW | 188 | 89 | 24.7 | 53 | 10 | 222 | 180 | 162 | | | | | |
| Power Plus | 2V56AMX | CB,LL,RR,RW-wo | * 237 | * 101 | 24.9 | 55 | 3 | 245 | 243 | * 222 | 234 | * 100 | 248 | * 227 | 226 |
| PIP | 5505 | CB,LL,RR,RW | 233 | 100 | 25.2 | 53 | 4 | * 256 | 246 | 196 | * 247 | * 103 | * 260 | * 243 | * 239 |
| Dairyland | DS9905SSX | CB,LL,RR,RW | 203 | 88 | 26.0 | 52 | 33 | 152 | 248 | 209 | | | | | |
| MEAN | | | 231 | 100 | 21.7 | 54 | 11 | 248 | 239 | 206 | 227 | 100 | 244 | 219 | 221 |
| LSD(0.10)** | | | 20 | 6 | 1.1 | 1 | 16 | 29 | 17 | 26 | 13 | 3 | 19 | 23 | 18 |

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, lfy = Leafy, ND = Nutri-Dense, wo = Water Optimize.

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

‡ All plots of this hybrid sustained herbicide damage in the Janesville trial. The hybrid was dropped from the multi-location average analysis.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.