

Table 10. Mean yields across and by location of 21 medium-season (114-116 DAP) corn hybrids evaluated in replicated small plot trials at nine AgResearch and Education Center locations in Tennessee during 2024.

| Hybrid [†] | Herbicide Pkg [‡] | Insect Pkg. [‡] | Above Loc Avg. | Avg. Yield [§] (bu/acre) | Knoxville Irr. (bu/acre) | Springfield Irr. (bu/acre) | Springfield Non Irr. (bu/acre) | Milan Irr. (bu/acre) | Milan Non Irr. (bu/acre) | Jackson Irr. (bu/acre) | Memphis Irr. (bu/acre) |
|-----------------------------------|----------------------------|--------------------------|----------------|-----------------------------------|--------------------------|----------------------------|--------------------------------|----------------------|--------------------------|------------------------|------------------------|
| 1st Choice Seeds FC 8455 VT2P RIB | RR | VT2P | 86% | 228 A | 271 A-C | 212 A | 226 A | 251 A | 245 A | 234 A | 158 DE |
| Dekalb DKC 64-22 VT2P | RR | VT2P | 86% | 226 A | 263 A-D | 226 A | 213 AB | 244 A | 236 A-D | 210 A | 192 A-C |
| Revere 114-P35 | RR | CB | 100% | 226 A | 254 A-E | 218 A | 223 A | 245 A | 224 A-G | 227 A | 189 A-D |
| Dekalb DKC 66-06 TRE* | RR | TRE | 71% | 226 A | 259 A-D | 249 A | 212 AB | 242 A | 217 D-G | 232 A | 169 B-E |
| Progeny PGY2314 TRE* | RR | TRE | 86% | 223 AB | 264 A-D | 196 A | 219 AB | 238 A | 239 A-C | 225 A | 178 A-E |
| Inn victis A1312 VT2P RIB | RR | VT2P | 86% | 222 A-C | 248 A-F | 220 A | 214 AB | 231 A | 227 A-F | 220 A | 194 A-C |
| Revere 1627 TC** | RR | TRE | 57% | 221 A-D | 273 A | 191 A | 226 A | 220 A | 242 AB | 229 A | 164 C-E |
| Great Heart Seed HT-7500 TRE | RR | TRE | 43% | 218 A-E | 251 A-F | 211 A | 194 B-D | 229 A | 204 G | 234 A | 205 A |
| Inn victis A1689 T | RR | TRE | 57% | 218 A-E | 248 A-F | 224 A | 227 A | 225 A | 224 A-G | 223 A | 162 C-E |
| Inn victis A1542 T | RR | TRE | 57% | 218 A-E | 250 A-F | 232 A | 213 AB | 232 A | 220 C-G | 177 A | 200 AB |
| Inn victis A1551 VT2P | RR | VT2P | 57% | 217 A-E | 272 A-C | 213 A | 221 A | 228 A | 223 A-G | 205 A | 157 E |
| Dyna-Gro D56TC44 RIB | RR | TRE | 57% | 217 A-E | 273 AB | 211 A | 211 A-C | 232 A | 230 A-F | 207 A | 153 E |
| Integra 6493 VT2P | RR | VT2P | 29% | 213 B-F | 252 A-F | 206 A | 216 AB | 229 A | 231 A-E | 204 A | 153 E |
| Dekalb DKC 65-95 VT2P | RR | VT2P | 29% | 212 B-F | 246 B-F | 203 A | 217 AB | 238 A | 208 FG | 205 A | 169 B-E |
| Dyna-Gro D54VC34 RIB | RR | VT2P | 29% | 212 B-F | 238 D-F | 200 A | 210 A-C | 237 A | 203 G | 220 A | 172 B-E |
| 1st Choice Seeds FC8420 VT2 RIB | RR | VT2P | 29% | 212 B-F | 243 D-F | 199 A | 201 A-D | 226 A | 224 A-G | 221 A | 166 C-E |
| Pioneer P14830VYHR | RR, LL | AVBL, YGCB, HX1 | 29% | 211 C-F | 243 D-F | 195 A | 212 AB | 227 A | 223 A-G | 196 A | 178 A-E |
| Progeny PGY 9114 VT2P | RR | VT2P | 43% | 209 D-F | 225 F | 202 A | 214 AB | 234 A | 214 E-G | 224 A | 151 E |
| 1st Choice Seeds FC 8437 PC | RR, LL, ENL, FOP | PC | 0% | 207 EF | 247 A-F | 205 A | 206 A-C | 213 A | 222 B-G | 193 A | 164 C-E |
| Progeny PGY 2215 TRE | RR | TRE | 29% | 203 F | 245 C-F | 188 A | 175 D | 209 A | 211 E-G | 223 A | 174 A-E |
| Dyna-Gro D55VC80 RIB | RR | VT2P | 14% | 202 F | 230 EF | 204 A | 186 CD | 212 A | 213 E-G | 196 A | 173 B-E |
| Average | | | | 216 | 252 | 210 | 211 | 231 | 223 | 214 | 172 |
| Standard Error | | | | 10 | 10 | 12 | 11 | 10 | 8 | 15 | 12 |
| L.S.D._{.05} | | | | 12 | 27 | N.S. | 26 | N.S. | 22 | N.S. | 32 |
| C.V. | | | | 9 | 7 | 9 | 7 | 7 | 6 | 11 | 11 |

[†] Hybrids that have any MS letter in common are not significantly different in yield at the 5% level of probability.

* Asterisks after a hybrid name indicate the number of preceding consecutive years in the top-performing "A" group.

[‡] For a full description of abbreviated biotech traits, see table 18.

[§] All yields are adjusted to 15.5% moisture.

Values highlighted in light orange are above average for a given trait, MS letters highlighted in dark orange are in the "A group", indicating no statistical difference from the top-performing variety, for a given trait.

Greeneville and Spring Hill locations were dropped from across locations analysis due to high trial variation.