

Table A-11. Mean yield and agronomic traits of 21 medium-season (114-116 DAP) corn hybrids evaluated in small plot replicated trials without irrigation at the Highland Rim AgResearch and Education Center in Springfield, Tennessee during 2024.

| Hybrid [†] | Herbicide Pkg [‡] | Insect Pkg. [‡] | Avg. Yield [§] (bu/ac) | Moisture at Harvest (%) | Test Weight (lbs/bu) | Plant Height (in.) | Ear Height (in.) | Lodging [¶] (%) |
|-----------------------------------|----------------------------|--------------------------|------------------------------------|-------------------------------|-------------------------|--------------------------|---------------------|-----------------------------|
| Innvictis A1689 T | RR | TRE | 227 A | 14.4 B-E | 64 A | 107 A | 43 A | 0.0 |
| 1st Choice Seeds FC 8455 VT2P RIB | RR | VT2P | 226 A | 14.9 B-D | 61 G-I | 110 A | 37 A | 0.0 |
| Revere 1627 TC** | RR | TRE | 226 A | 15.7 A-C | 62 D-H | 107 A | 45 A | 0.0 |
| Revere 114-P35 | RR | CB | 223 A | 15.1 B-D | 61 F-H | 109 A | 38 A | 0.0 |
| Innvictis A1551 VT2P | RR | VT2P | 221 A | 14.2 C-E | 63 D | 103 A | 40 A | 0.0 |
| Progeny PGY2314 TRE* | RR | TRE | 219 AB | 15.3 B-D | 62 D-G | 107 A | 41 A | 0.0 |
| Dekalb DKC 65-95 VT2P | RR | VT2P | 217 AB | 14.8 B-D | 64 AB | 107 A | 43 A | 0.0 |
| Integra 6493 VT2P | RR | VT2P | 216 AB | 14.0 DE | 63 DE | 105 A | 43 A | 0.0 |
| Progeny PGY 9114 VT2P | RR | VT2P | 214 AB | 14.6 B-D | 62 D-G | 103 A | 41 A | 0.0 |
| Innvictis A1312 VT2P RIB | RR | VT2P | 214 AB | 15.2 B-D | 60 I | 106 A | 40 A | 0.0 |
| Innvictis A1542 T | RR | TRE | 213 AB | 15.7 A-C | 62 D-G | 108 A | 39 A | 0.0 |
| Dekalb DKC 64-22 VT2P | RR | VT2P | 213 AB | 15.1 B-D | 64 A-C | 105 A | 42 A | 0.0 |
| Pioneer P14830VYHR | RR, LL | AVBL, YGCB, HX1 | 212 AB | 13.1 E | 63 B-D | 113 A | 44 A | 0.0 |
| Dekalb DKC 66-06 TRE* | RR | TRE | 212 AB | 15.0 B-D | 62 D-G | 111 A | 46 A | 0.0 |
| Dyna-Gro D56TC44 RIB | RR | TRE | 211 A-C | 15.4 B-D | 62 D-G | 109 A | 44 A | 0.0 |
| Dyna-Gro D54VC34 RIB | RR | VT2P | 210 A-C | 14.0 DE | 63 B-D | 105 A | 40 A | 0.0 |
| 1st Choice Seeds FC 8437 PC | RR, LL, ENL, FOP | PC | 206 A-C | 14.4 C-E | 62 D-F | 115 A | 39 A | 0.0 |
| 1st Choice Seeds FC8420 VT2 RIB | RR | VT2P | 201 A-D | 17.0 A | 62 E-H | 108 A | 37 A | 0.0 |
| Great Heart Seed HT-7500 TRE | RR | TRE | 194 B-D | 15.9 AB | 62 D-G | 115 A | 44 A | 0.0 |
| Dyna-Gro D55VC80 RIB | RR | VT2P | 186 CD | 15.9 AB | 61 HI | 108 A | 39 A | 0.0 |
| Progeny PGY 2215 TRE | RR | TRE | 175 D | 14.8 B-D | 63 CD | 111 A | 42 A | 0.0 |
| Trial Average | | | 211 | 15.0 | 62 | 108 | 41 | 0.0 |
| Trial Standard Error | | | 11 | 0.7 | 0 | 3 | 3 | 0.0 |
| Trial L.S.D._{.05} | | | 26 | 1.5 | 1 | N.S. | N.S. | . |
| Trial C.V. | | | 7 | 6 | 1 | 4 | 14 | |

† Hybrids that have any MS letter in common are not significantly different 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.

¶ Protein, Oil, and Starch on a dry weight basis.

Values highlighted in orange are above average, values highted in dark orange are in the upper 25%. MS letters highlighted in dark orange are in the "A group", indicating no statistical difference from the top-performing variety, for a given trait.