

Table 9. Mean yields across and by location of 24 medium-season (114-116 DAP) corn hybrids evaluated in replicated small plot trials at eight AgResearch and Education Center locations in Tennessee during 2022. Analysis included hybrid performance across a 1 yr (2022) period.

Hybrid†	Herbicide Pkg‡	Insect Pkg.‡	Avg. Yield§ (bu/acre)	Knoxville Irr. (bu/acre)	Greeneville Non-Irr. (bu/acre)	Springfield Irr. (bu/acre)	Springfield Non-Irr. (bu/acre)	Spring Hill Non-Irr. (bu/acre)	Milan Irr. (bu/acre)	Milan Non-Irr. (bu/acre)	Jackson Irr. (bu/acre)	Memphis Irr. (bu/acre)
Progeny 8116 SS*	RR, LL	SS	166 A	189 A	207 AB	143 A	179 A	35 A	220 A	134 AB	203 A	138 C-I
Dyna-Gro D54VC14	RR	VT2P	164 A	197 A	203 A-C	146 A	178 A	13 A	220 A	142 A	214 A	164 AB
Augusta A7268 VT2Pro	RR	VT2P	164 A	212 A	214 AB	166 A	159 A	15 A	223 A	111 A-E	218 A	155 A-E
Innvictis A1462	RR	VT2P	163 A	208 A	213 AB	143 A	166 A	24 A	244 A	96 A-F	206 A	164 AB
Revere 1627 TC	RR	TRE	160 A	207 A	212 AB	157 A	175 A	20 A	233 A	93 A-G	227 A	117 H-J
Dekalb DKC65-99**	RR	TRE	159 A	194 A	211 AB	131 A	151 A	16 A	240 A	121 A-C	233 A	137 D-I
Dyna-Gro D55VC80	RR	VT2P	159 A	170 A	202 A-C	166 A	195 A	18 A	228 A	80 B-G	221 A	150 A-F
LG Seeds 66C06	RR	VT2P	159 A	174 A	190 BC	135 A	182 A	16 A	224 A	131 AB	224 A	146 B-G
Dekalb DKC66-18	RR	VT2P	159 A	211 A	210 AB	153 A	175 A	17 A	234 A	84 A-G	208 A	163 A-C
Innvictis A1551 VT2P	RR	VT2P	158 A	177 A	193 BC	146 A	191 A	9 A	231 A	126 A-C	216 A	133 E-I
LG Seeds LG66C44 VT2Pro**	RR	VT2P	158 A	204 A	214 AB	155 A	161 A	36 A	230 A	72 C-G	193 A	155 A-E
Progeny 9114 VT2P*	RR	VT2P	157 A	191 A	204 AB	115 A	144 A	14 A	250 A	123 A-C	224 A	149 A-G
Dekalb DKC65-95**	RR	VT2P	157 A	189 A	191 BC	134 A	162 A	36 A	234 A	102 A-E	227 A	139 B-H
AgriGold A645-16 VT2RIB***	RR	VT2P	157 A	190 A	228 A	137 A	145 A	33 A	216 A	91 A-G	240 A	129 F-I
Innvictis A1689	RR	TRE	157 A	201 A	228 A	133 A	168 A	9 A	225 A	87 B-G	211 A	146 B-G
Augusta A7168 VT2Pro	RR	VT2P	156 A	180 A	195 A-C	152 A	182 A	12 A	212 A	125 A-C	221 A	124 G-J
Innvictis A1457 VT2P	RR	VT2P	156 A	197 A	188 BC	171 A	154 A	17 A	190 A	101 A-E	220 A	161 A-D
Revere ZS1525 3220A	RR, LL	3220A	155 A	203 A	169 CD	127 A	164 A	31 A	208 A	101 A-E	232 A	155 A-E
Dyna-Gro D54VC34**	RR	VT2P	154 A	190 A	198 A-C	155 A	177 A	22 A	210 A	40 G	223 A	173 A
AgriGold A646-30 VT2Pro	RR	VT2P	153 A	182 A	182 B-D	165 A	186 A	29 A	211 A	64 D-G	221 A	132 E-I
Progeny 2215 VTRE	RR	TRE	150 A	200 A	210 AB	136 A	132 A	32 A	198 A	115 A-D	213 A	114 IJ
Progeny 2216 VT2P	RR	VT2P	148 A	184 A	151 D	169 A	180 A	23 A	213 A	59 E-G	228 A	159 A-D
Spectrum 6416	None	None	147 A	211 A	195 A-C	131 A	165 A	21 A	206 A	46 FG	209 A	137 D-I
Progeny 2015 VT2P	RR	VT2P	143 A	203 A	187 BC	131 A	115 A	17 A	204 A	106 A-E	223 A	102 J
Average			157	194	200	146	166	21	221	98	219	143
Standard Error			22	11	15	18	26	8	16	19	10	9
L.S.D._{.05}			N.S.	N.S.	34	N.S.	N.S.	N.S.	N.S.	54	N.S.	25
C.V.			17	9	10	17	25	56	13	34	7	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.