

Table 5. Mean yields across and by location of 21 early-season (<114 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)
Dyna-Gro D50VC09	RR	VT2P	179 A	200 A	183 B-E	184 A	184 A	114 A	256 A	113 A	215 A	161 A
AgriGold A643-52 VT2RIB	RR	VT2P	176 AB	191 A	208 A-D	169 A	148 A	115 A	243 A	130 A	216 A	163 A
Dekalb DKC62-70	RR	VT2P	169 A-C	180 A	184 B-E	166 A	168 A	94 A	231 A	129 A	223 A	145 A-D
Warren Seed DS 4878*	RR, LL	HX1,YGCB	168 A-C	212 A	176 B-F	169 A	165 A	107 A	238 A	68 A	220 A	155 A-C
AgriGold A641-85 TRCRIB	RR	TRE	167 A-C	194 A	188 A-E	173 A	117 A	103 A	235 A	110 A	223 A	164 A
Progeny 2008 VT2P	RR	VT2P	166 A-D	172 A	182 B-E	156 A	170 A	88 A	238 A	105 A	223 A	163 A
Warren Seed DS 5018**	RR, LL	HX1,YGCB	166 A-E	196 A	209 A-C	157 A	178 A	90 A	259 A	73 A	208 A	120 D-F
Warren Seed DS 5250*	RR, LL	HX1,YGCB	165 A-E	203 A	186 A-E	158 A	152 A	117 A	214 A	98 A	225 A	134 B-D
Dekalb DKC59-82	RR	VT2P	165 A-E	184 A	180 B-E	157 A	96 A	102 A	240 A	137 A	224 A	165 A
Dyna-Gro D53TC23	RR	TRE	163 B-E	183 A	178 B-E	135 A	160 A	100 A	226 A	121 A	209 A	158 AB
Dekalb DKC62-89	RR	TRE	163 B-E	182 A	193 A-E	174 A	111 A	80 A	243 A	103 A	228 A	158 AB
Revere 1307 TC	RR	TRE	163 B-E	198 A	173 C-F	160 A	101 A	89 A	247 A	113 A	216 A	165 A
Revere 0918 VT2P	RR	VT2P	162 B-E	178 A	172 D-F	172 A	132 A	70 A	253 A	117 A	227 A	139 A-D
Dyna-Gro D52DC82	RR	VT2P	162 B-E	198 A	221 A	151 A	133 A	68 A	232 A	97 A	196 A	161 A
Spectrum 6228	None	None	158 C-E	214 A	194 A-E	155 A	122 A	94 A	217 A	68 A	204 A	156 AB
Progeny 2012 VT2P	RR	VT2P	158 C-E	191 A	178 B-E	153 A	123 A	94 A	233 A	83 A	208 A	158 AB
Warren Seed DS 5383	RR, LL	HX1,YGCB	158 C-E	209 A	167 EF	165 A	139 A	68 A	193 A	117 A	221 A	141 A-D
Revere 1398 VT2P	RR	VT2P	156 C-E	204 A	210 AB	160 A	131 A	71 A	229 A	91 A	215 A	95 F
Progeny 1912 VT2P	RR	VT2P	156 C-E	194 A	184 B-E	155 A	113 A	109 A	225 A	95 A	223 A	103 EF
Dyna-Gro D52VC63	RR	VT2P	153 DE	206 A	181 B-E	130 A	114 A	60 A	231 A	94 A	229 A	129 C-E
Warren Seed DS 5095	RR, LL	HX1,YGCB	152 E	191 A	140 F	134 A	146 A	72 A	232 A	111 A	239 A	106 EF
Average			163	194	185	159	138	91	234	103	219	145
Standard Error			17	10	13	17	28	19	15	18	8	9
L.S.D._{.05}			14	N.S.	36	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	26
C.V.			16	9	12	12	28	31	11	28	6	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.