Table A-11. Mean yield and agronomic traits of 24 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 2022. Analysis included hybrid performance over a 1 yr (2022), 2 yr (2021-2022), and 3 yr (2020-2022) period.

Hybrid†	Herbicide Pkg‡	Insect Pkg.‡	Avg. Yield§ (bu/ac)			Moisture at Harvest (%)			Plant Height (in.)			Ear Height (in.)			Lodging¶ (%)		
			1 yr	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr
Dyna-Gro D55VC80	RR	VT2P	195 A	181 A	168 A	21.9 A	19.8 A	20.1 A	97 A	93 A	94 A	37 A	38 AB	38 A	0	0	0
Innvictis A1551 VT2P	RR	VT2P	191 A			22.3 A			89 A			37 A			0		
AgriGold A646-30 VT2Pro	RR	VT2P	186 A			20.4 A			92 A			39 A			0		
LG Seeds 66C06	RR	VT2P	182 A			19.4 A			90 A			36 A			0		
Augusta A7168 VT2Pro	RR	VT2P	182 A			21.2 A			94 A			41 A			0		
Progeny 2216 VT2P	RR	VT2P	180 A			20.6 A			84 A			34 A			0		
Progeny 8116 SS*	RR, LL	SS	179 A	177 A	164 A	20.4 A	19.3 A	19.5 A	84 A	88 A	91 A	36 A	39 A	38 A	0	0	0
Dyna-Gro D54VC14	RR	VT2P	178 A			19.8 A			89 A			40 A			0		
Dyna-Gro D54VC34**	RR	VT2P	177 A	177 A	170 A	20.4 A	19.7 A	19.6 A	95 A	93 A	94 A	40 A	38 AB	37 A	0	0	0
Dekalb DKC66-18	RR	VT2P	175 A	176 A	163 A	21.7 A	19.9 A	20.1 A	89 A	88 A	88 A	39 A	38 A	38 A	0	0	0
Revere 1627 TC	RR	TRE	175 A			21.3 A			91 A			34 A			0		
Innvictis A1689	RR	TRE	168 A			19.7 A			83 A			37 A			0		
Innvictis A1462	RR	VT2P	166 A			21.2 A			92 A			39 A			0		
Spectrum 6416	None	None	165 A			21.5 A			84 A			36 A			0		
Revere ZS1525 3220A	RR, LL	3220A	164 A			20.1 A			74 A			31 A			0		
Dekalb DKC65-95**	RR	VT2P	162 A	170 A	158 A	22.7 A	20.7 A	20.2 A	86 A	88 A	88 A	34 A	37 AB	36 A-C	0	0	0
LG Seeds LG66C44 VT2Pro**	RR	VT2P	161 A	171 A	159 A	20.1 A	19.2 A	19.6 A	86 A	89 A	89 A	35 A	39 A	38 A	0	0	0
Augusta A7268 VT2Pro	RR	VT2P	159 A			21.9 A			82 A			32 A			0		
Innvictis A1457 VT2P	RR	VT2P	154 A			21.9 A			89 A			37 A			0		
Dekalb DKC65-99**	RR	TRE	151 A	160 A	154 A	22.9 A	20.2 A	20.6 A	84 A	84 A	86 A	33 A	33 BC	33 BC	0	0	0
AgriGold A645-16 VT2RIB***	RR	VT2P	145 A	166 A	158 A	21.0 A	19.7 A	20.5 A	82 A	87 A	91 A	34 A	38 A	39 A	0	0	0
Progeny 9114 VT2P*	RR	VT2P	144 A	148 A	143 A	20.9 A	19.3 A	19.1 A	85 A	83 A	86 A	31 A	31 C	32 C	0	0	0
Progeny 2215 VTRE	RR	TRE	132 A			22.3 A			88 A			37 A			0		
Progeny 2015 VT2P	RR	VT2P	115 A	139 A	138 A	19.8 A	18.6 A	19.1 A	88 A	88 A	90 A	34 A	36 AB	37 AB	0	0	0
Average			**166**	**166**	**157**	**21.1**	**19.6**	**19.8**	**87**	**88**	**90**	**36**	**37**	**37**	**0**	**0**	**0**
Standard Error			**26**	**14**	**13**	**1.0**	**1.7**	**1.0**	**5**	**3**	**3**	**3**	**2**	**1**	**0**	**0**	**0**
L.S.D.$_{.05}$			**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**5**	**4**	**.**	**.**	**.**
C.V.			**25**	**19**	**18**	**8.2**	**7.2**	**7.2**	**10**	**8**	**7**	**13**	**12**	**11**	**.**	**.**	**.**

† 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.
¶ Lodging values do not typically follow a normal distribution, therefore statistical tests to compute LSD were not performed and only mean values are reported.
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.