

Table A-8. Mean yield and agronomic traits of 24 medium-season (114-116 DAP) corn hybrids evaluated in small plot replicated trials with 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
Innvictis A1457 VT2P	RR	VT2P	171 A			17.2 A			69 A			21 EF			0		
Progeny 2216 VT2P	RR	VT2P	169 A			16.8 A			74 A			23 D-F			0		
Dyna-Gro D55VC80	RR	VT2P	166 A	208 A	205 AB	19.5 A	19.6 A	19.1 A	81 A	96 A	99 A	29 A-D	36 A	38 AB	0	0	0
Augusta A7268 VT2Pro	RR	VT2P	166 A			17.9 A			79 A			29 A-D			0		
AgriGold A646-30 VT2Pro	RR	VT2P	165 A			17.8 A			78 A			31 AB			0		
Revere 1627 TC	RR	TRE	157 A			18.8 A			76 A			28 A-D			0		
Dyna-Gro D54VC34**	RR	VT2P	155 A	210 A	214 A	17.5 A	19.6 A	18.6 A	75 A	91 A	95 A-C	27 A-E	35 A	35 A-C	0	0	0
LG Seeds LG66C44 VT2Pro**	RR	VT2P	155 A	200 A	204 AB	18.4 A	19.6 A	19.2 A	66 A	87 A	92 B-D	24 D-F	33 A	33 CD	0	0	0
Dekalb DKC66-18	RR	VT2P	153 A	199 A	201 AB	17.5 A	19.8 A	19.1 A	76 A	90 A	92 B-D	28 A-D	33 A	33 CD	0	0	0
Augusta A7168 VT2Pro	RR	VT2P	152 A			17.8 A			81 A			31 A-C			0		
Innvictis A1551 VT2P	RR	VT2P	146 A			18.5 A			72 A			26 A-E			0		
Dyna-Gro D54VC14	RR	VT2P	146 A			15.7 A			70 A			19 F			0		
Innvictis A1462	RR	VT2P	143 A			18.0 A			76 A			25 B-F			0		
Progeny 8116 SS*	RR, LL	SS	143 A	186 A	188 BC	18.2 A	18.9 A	18.8 A	78 A	93 A	96 AB	32 A	39 A	38 A	0	0	0
AgriGold A645-16 VT2RIB***	RR	VT2P	137 A	195 A	199 AB	16.7 A	18.5 A	18.9 A	69 A	90 A	94 A-C	25 B-F	34 A	36 A-C	0	0	0
Progeny 2215 VTRE	RR	TRE	136 A			18.4 A			70 A			25 B-F			0		
LG Seeds 66C06	RR	VT2P	135 A			17.9 A			73 A			25 B-F			0		
Dekalb DKC65-95**	RR	VT2P	134 A	196 A	194 BC	18.2 A	19.7 A	19.2 A	74 A	90 A	93 B-D	23 D-F	34 A	34 CD	0	0	0
Innvictis A1689	RR	TRE	133 A			17.5 A			75 A			25 B-F			0		
Spectrum 6416	None	None	131 A			17.4 A			77 A			27 A-E			0		
Dekalb DKC65-99**	RR	TRE	131 A	196 A	203 AB	18.4 A	19.5 A	19.3 A	72 A	89 A	91 CD	24 D-F	33 A	32 CD	0	0	0
Progeny 2015 VT2P	RR	VT2P	131 A	181 A	180 C	19.9 A	19.6 A	18.5 A	74 A	90 A	93 B-D	24 D-F	34 A	35 BC	0	0	0
Revere ZS1525 3220A	RR, LL	3220A	127 A			18.5 A			74 A			24 C-F			0		
Progeny 9114 VT2P*	RR	VT2P	115 A	181 A	189 BC	18.5 A	19.2 A	18.4 A	68 A	85 A	89 D	25 B-F	30 A	31 D	0	0	0
Average			146	195	198	18.0	19.4	18.9	74	90	93	26	34	35	0	0	0
Standard Error			18	54	31	1.2	1.3	1.0	4	17	10	2	8	5	0	0	0
L.S.D. _{.05}			N.S.	N.S.	18	N.S.	N.S.	N.S.	N.S.	N.S.	5	6	N.S.	4	.	.	.
C.V.			17	11	10	11.4	9.5	8.8	9	6	6	15	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.