

Table A-12. Mean yield and agronomic traits of eight full-season (>116 DAP) corn hybrids evaluated in small plot replicated trials without irrigation at the Highland Rim AgResearch and Education Center in Springfield, Tennessee during 2023. Analysis included hybrid performance over a 1 yr (2023), 2 yr (2022-2023), and 3 yr (2021-2023) 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
LG 67C07	RR	VT2P	212 A	192 A		18.9 D	20.7 A		98 A	95 A		46 A	43 A		0	0	
Revere 1839	RR	TRE	208 AB			22.2 AB			105 A			47 A			0		
Dekalb DKC68-35	RR	VT2P	204 AB			20.6 B-D			101 A			41 A			0		
Progeny 2118	RR	VT2P	201 A-C	193 A	182 A	20.3 B-D	21.9 A	21.4 A	97 A	98 A	95 A	42 A	39 A	40 A	0	0	0
Dekalb DKC70-45	RR	VT2P	198 A-C			21.3 A-C			105 A			42 A			0		
Progeny 9117	RR	VT2P	195 BC	191 A	186 A	19.4 CD	19.8 A	20.0 A	105 A	96 A	95 A	41 A	40 A	40 A	0	0	0
Dyna-Gro D57VC53	RR	VT2P	188 C	182 A		19.8 CD	20.3 A		97 A	98 A		42 A	40 A		0	0	
LG 68C18	RR	VT2P	188 C			22.9 A			99 A			43 A			0		
Average			199	189	184	20.6	20.7	20.7	101	97	95	43	40	40	0	0	0
Standard Error			5	12	9	0.7	1.2	0.7	3	3	3	2	3	2	0	0	0
L.S.D. ^{0.05}			15	N.S.	N.S.	2.0	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	.	.	.
C.V.			4	11	9	5.5	6.9	6.9	5	7	7	6	8	7	.	.	.

[†] 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.