

Table A-9. Mean yield and agronomic traits of eight full-season (>116 DAP) corn hybrids evaluated in small plot replicated trials with 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
Dekalb DKC68-35	RR	VT2P	269 A			22.9 A			114 AB			46 BC			0		
LG 68C18	RR	VT2P	264 A			24.3 A			111 A-C			52 A			0		
Dekalb DKC70-45	RR	VT2P	261 A			23.4 A			115 A			52 AB			0		
Revere 1839	RR	TRE	255 A			24.6 A			115 A			52 A			0		
Dyna-Gro D57VC53	RR	VT2P	254 A	200 A		22.5 A	21.4 A		110 A-C	91 A		49 AB	38 A		0	0	
LG 67C07	RR	VT2P	249 A	191 A		23.4 A	22.1 A		106 C	90 A		47 AB	38 A		0	0	
Progeny 9117	RR	VT2P	243 A	198 A	216 A	22.1 A	21.0 A	21.1 A	107 BC	91 A	98 A	41 C	34 A	36 B	0	0	0
Progeny 2118	RR	VT2P	241 A	197 A	212 A	22.9 A	21.8 A	21.7 A	106 C	92 A	97 A	49 AB	39 A	40 A	0	0	0
Average			254	197	214	23.2	21.6	21.4	111	91	97	49	37	38	0	0	0
Standard Error			9	51	31	0.7	1.3	0.7	2	16	11	2	9	5	0	0	0
L.S.D. ^{0.05}			N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	6	N.S.	N.S.	6	N.S.	3	.	.	.
C.V.			6	9	5	5.0	8.3	7.3	3	7	5	7	9	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.

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.