

Table A-6. Mean yield and agronomic traits of eight full-season (>116 DAP) corn hybrids evaluated in small plot replicated trials with irrigation at the Northeast Tennessee AgResearch and Education Center in Greeneville, Tennessee during 2023. Analysis included hybrid performance over a 1 yr (2023) and 2 yr (2022 - 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	1 yr	2 yr	1 yr	2 yr	1 yr	2 yr	1 yr	2 yr
Revere 1839	RR	TRE	317 A		25.3 A-D		122 A		55 A		0	
Dekalb DKC68-35	RR	VT2P	314 A		24.5 D		113 B		47 B		3	
LG 67C07	RR	VT2P	287 AB	250 A	25.0 B-D	21.6 BC	102 C	92 B	48 B	45 A	0	1
Dyna-Gro D57VC53	RR	VT2P	284 AB	238 A	25.7 AB	22.4 A	107 BC	96 A	49 B	46 A	0	2
Dekalb DKC70-45	RR	VT2P	281 A-C		24.6 CD		108 BC		47 B		0	
Progeny 9117	RR	VT2P	280 A-C	247 A	24.9 B-D	21.4 C	107 BC	97 A	42 C	41 B	0	0
Progeny 2118	RR	VT2P	270 BC	232 A	25.4 A-C	22.0 AB	106 BC	97 A	48 B	45 A	0	3
LG 68C18	RR	VT2P	241 C		25.9 A		108 BC		46 BC		1	
Average			284	242	25.2	21.9	109	96	48	44	1	2
Standard Error			14	39	0.3	3.4	3	10	1	3	0	1
L.S.D. _{.05}			41	N.S.	0.8	0.6	8	2	4	3	.	.
C.V.			8	8	1.8	2.3	4	2	5	5	.	.

† 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.