

**Table A-3. Mean yield and agronomic traits of eight full-season (>116 DAP) corn hybrids evaluated in small plot replicated trials with irrigation at the East Tennessee AgResearch and Education Center in Knoxville, Tennessee during 2022. 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	273 A			17.5 A			112 A			45 A			2		
Revere 1839	RR	TRE	265 A			19.6 A			115 A			49 A			0		
LG 67C07	RR	VT2P	259 A	228 A		18.3 A	19.3 A		112 A	117 A		48 A	48 A		1	1	
LG 68C18	RR	VT2P	250 A			19.0 A			111 A			47 A			0		
Dyna-Gro D57VC53	RR	VT2P	247 A	215 A		18.2 A	18.8 A		109 A	115 A		46 A	50 A		0	1	
Progeny 9117	RR	VT2P	245 A	229 A	244 A	18.9 A	19.8 A	19.5 A	111 A	114 A	117 A	44 A	47 A	47 A	0	1	0
Dekalb DKC70-45	RR	VT2P	235 A			18.4 A			110 A			46 A			4		
Progeny 2118	RR	VT2P	234 A	206 A	233 A	17.8 A	19.7 A	19.5 A	109 A	112 A	117 A	43 A	46 A	49 A	1	1	0
Average			251	220	238	18.5	19.4	19.5	111	114	117	46	48	48	1	1	0
Standard Error			13	27	24	0.4	1.1	0.9	2	4	5	2	3	3	0	0	0
L.S.D <sup>0.05</sup>			N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	.	.	.
C.V.			9	8	9	3.9	6.1	5.1	3	4	4	7	8	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