

**Table 12-a. Mean yield and agronomic traits of eight full-season (>116 DAP) corn hybrids evaluated in small plot replicated trials at eight AgResearch and Education Center locations in Tennessee during 2023. Analysis included hybrid performance over a 1 yr (2023), 2 yr (2022-2023), and 3 yr (2021-2023) period.**

Hybrid <sup>†</sup>	Herbicide Pkg. <sup>‡</sup>	Insect Pkg. <sup>‡</sup>	Cultivar	Avg. Yield <sup>§</sup> (bu/ac)			Moisture at Harvest (%)			Plant Height (in.)			Ear Height (in.)			Lodging <sup>¶</sup> (%)		
				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
Revere 1839	RR	TRE	C23012	243 A			19.2 B			109 A			49 A			0		
Dekalb DKC68-35	RR	VT2P	C23002	239 A			18.5 D			105 B			44 DE			1		
Dekalb DKC70-45	RR	VT2P	C23003	226 B			19.0 BC			104 BC			46 B-D			1		
LG 67C07	RR	VT2P	C22022	224 BC	190 A		18.4 D	18.2 B		100 DE	94 A		47 AB	42 A		0	1	
Progeny 9117	RR	VT2P	C18015	219 BC	191 A	199 A	18.7 CD	18.3 B	18.0 B	104 BC	96 A	99 A	42 E	40 B	41 B	0	0	0
Progeny 2118	RR	VT2P	C21015	218 BC	185 A	191 A	18.8 B-D	18.7 A	18.4 A	100 E	94 A	97 A	45 CD	41 AB	43 A	0	1	0
LG 68C18	RR	VT2P	C23009	217 BC			19.9 A			103 B-D			47 BC			0		
Dyna-Gro D57VC53	RR	VT2P	C22013	214 C	184 A		18.7 CD	18.2 B		101 C-E	95 A		46 BC	42 A		0	1	
Average				225	187	195	18.9	18.4	18.2	103	95	98	46	41	42	0	1	0
Standard Error				13	34	27	1.4	1.0	0.9	4	7	7	1	4	4	0	0	0
L.S.D. <sub>.05</sub>				11	N.S.	N.S.	0.5	N.S.	0.4	3	N.S.	N.S.	2	2	1	.	.	.
C.V.				8	10	10	5	6	6	4	5	5	7	8	8	.	.	.
Number of locs.				8	8	8	8	8	8	6	6	6	6	6	6	6	6	6
Plots per entry (reps x locs. x years)				24	48	72	24	48	72	18	36	54	18	36	54	18	36	54

<sup>†</sup> Hybrids that have any MS letter in common are not significantly different at the 5% level of probability.

<sup>\*</sup> Asterisks after a hybrid name indicate the number of preceding consecutive years in the top-performing "A" group.

<sup>‡</sup> For a full description of abbreviated biotech traits, see table 18.

<sup>§</sup> All yields are adjusted to 15.5% moisture.

<sup>¶</sup> 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.