

Table 4-a. Mean yield and agronomic traits of 10 early-season (<114 DAP) corn hybrids evaluated in small plot replicated trials at nine 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†	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
Revere 1307	RR	TRE	222 A	192 A	204 A	16.0 EF	16.2 B	16.1 B	96 C	92 B	96 B	41 CD	39 C	41 B	0	1	1
Progeny 2010	RR	TRE	213 AB			16.0 EF			98 BC			39 F			0		
Dyna-Gro D53TC23	RR	TRE	210 A-C	187 A		16.2 DE	16.2 B		97 C	93 AB		43 A-C	40 BC		0	0	
Revere 0918	RR	VT2P	209 BC	186 A		15.5 G	16.0 B		97 C	92 B		43 AB	40 BC		0	0	
Dyna-Gro D53VC54	RR	VT2P	206 B-D			16.9 B			100 AB			41 CD			0		
Innvictis A1292	RR	VT2P	204 B-D			16.1 D-F			97 C			39 EF			0		
Revere 1398	RR	VT2P	204 B-D	180 A	190 B	16.7 BC	16.8 A	16.8 A	98 BC	95 A	99 A	45 A	42 A	43 A	0	1	0
Dyna-Gro D50VC09	RR	VT2P	202 B-D	191 A	201 A	15.8 FG	16.2 B	16.1 B	98 BC	95 A	98 A	43 BC	41 AB	42 B	0	1	0
1st Choice Seeds RC 8420	RR	VT2P	198 CD			17.4 A			101 A			43 AB			0		
Dekalb DKC62-70	RR	VT2P	195 D	182 A	191 B	16.4 CD	16.7 A	16.9 A	99 BC	93 AB	98 AB	41 DE	40 C	40 B	0	0	0
Average			206	186	196	16.3	16.3	16.5	98	93	98	42	40	42	0	1	0
Standard Error			9	23	20	1.1	0.6	0.7	3	5	5	1	2	2	0	0	0
L.S.D. _{.05}			12	N.S.	8	0.4	0.4	0.3	2	2	2	2	2	1	.	.	.
C.V.			11	14	12	5	6	6	4	5	5	7	8	8	.	.	.
Number of locs.			9	9	9	9	9	9	6	6	6	6	6	6	8	8	8
Plots per entry (reps x locs. x years)			27	54	81	27	54	81	18	36	54	18	36	54	24	48	72

† 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.

¶ Protein, Oil, and Starch on a dry weight basis.

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.