

Table 4-b. Mean yield and quality 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)			Test Weight (lbs/bu)			Protein (%)			Oil (%)			Starch (%)		
			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	54.5 A	54.5 A	55.9 A	8.5 AB	8.2 A	8.4 A	3.5 A	3.5 B	3.5 B	73.5 A	73.3 A	73.3 A
Progeny 2010	RR	TRE	213 AB			56.5 A			8.0 CD			3.6 A			72.4 A		
Dyna-Gro D53TC23	RR	TRE	210 A-C	187 A		56.9 A	55.6 A		8.5 A-C	8.2 A		3.6 A	3.6 AB		73.1 A	73.0 A	
Revere 0918	RR	VT2P	209 BC	186 A		54.4 A	53.7 A		8.0 CD	7.9 A		3.8 A	3.7 A		73.4 A	73.4 A	
Dyna-Gro D53VC54	RR	VT2P	206 B-D			52.8 A			8.4 A-C			3.6 A			72.9 A		
Innervictis A1292	RR	VT2P	204 B-D			55.3 A			8.5 A-C			3.6 A			73.1 A		
Revere 1398	RR	VT2P	204 B-D	180 A	190 B	56.5 A	52.7 A	54.6 A	8.1 B-D	8.0 A	8.4 A	3.6 A	3.6 AB	3.7 A	73.2 A	73.5 A	73.1 A
Dyna-Gro D50VC09	RR	VT2P	202 B-D	191 A	201 A	54.5 A	53.5 A	54.4 A	7.8 D	7.9 A	8.2 A	3.7 A	3.7 A	3.7 A	74.1 A	73.4 A	73.3 A
1st Choice Seeds RC 8420	RR	VT2P	198 CD			56.5 A			8.8 A			3.7 A			73.0 A		
Dekalb DKC62-70	RR	VT2P	195 D	182 A	191 B	57.8 A	57.5 A	57.4 A	8.2 B-D	7.9 A	8.3 A	3.7 A	3.7 A	3.7 A	72.9 A	72.5 A	72.4 B
Average			206	186	196	55.6	54.6	55.6	8.3	8.0	8.3	3.6	3.6	3.6	73.1	73.2	73.0
Standard Error			9	23	20	1.4	1.5	1.2	0.2	0.2	0.4	0.1	0.0	0.0	0.4	0.3	0.3
L.S.D. _{.05}			12	N.S.	8	N.S.	N.S.	N.S.	0.5	N.S.	N.S.	N.S.	0.1	0.1	N.S.	N.S.	0.6
C.V.			11	14	12	5.9	6.5	6.0	3.2	3.5	3.7	3.1	3.2	2.8	0.8	0.9	0.8
Number of locs.			9	8	8	2	1	1	1	1	1	1	1	1	1	1	1
Plots per entry (reps x locs. x years)			27	48	72	6	6	9	3	6	9	3	6	9	3	6	9

[†] 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.