

Table A-1. Mean yield and agronomic traits of 10 early-season (<114 DAP) corn hybrids evaluated in small plot replicated trials with irrigation at the East Tennessee AgResearch and Education Center in Knoxville, 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	247 A	222 A	247 A	15.8 B-D	16.8 AB	16.7 B	107 A	113 A	114 A	43 A-C	45 A	47 AB	1	1	1
Revere 0918	RR	VT2P	233 A	205 A		15.0 EF	16.6 A-C		106 A	108 A		45 AB	44 A		0	0	
Dyna-Gro D53VC54	RR	VT2P	229 A			16.2 AB			112 A			42 BC			0		
Progeny 2010	RR	TRE	228 A			15.4 C-E			107 A			39 C			1		
Revere 1398	RR	VT2P	226 A	215 A	232 AB	15.2 E	16.5 A-C	16.7 B	108 A	113 A	116 A	46 A	47 A	48 A	1	1	0
Innqvist A1292	RR	VT2P	224 A			15.2 DE			111 A			40 C			0		
Dyna-Gro D50VC09	RR	VT2P	210 A	205 A	231 AB	14.5 F	15.8 C	16.0 C	106 A	111 A	113 A	41 C	44 A	45 B	1	1	0
1st Choice Seeds RC 8420	RR	VT2P	209 A			16.4 A			109 A			46 A			0		
Dyna-Gro D53TC23	RR	TRE	193 A	188 A		15.8 A-C	16.1 BC		104 A	110 A		41 C	44 A		0	0	
Dekalb DKC62-70	RR	VT2P	192 A	186 A	214 B	16.0 AB	17.2 A	17.4 A	106 A	108 A	113 A	41 C	44 A	45 B	0	0	0
Average			219	204	231	15.5	16.5	16.7	108	111	114	42	45	46	0	0	0
Standard Error			16	16	26	0.3	1.2	0.7	2	5	4	2	2	2	0	0	0
L.S.D ^{0.05}			N.S.	N.S.	21	0.6	0.8	0.5	N.S.	N.S.	N.S.	4	N.S.	2	.	.	.
C.V.			12	11	9	2.2	4.0	3.0	3	4	4	5	6	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.