

Table A-2. Mean yield and agronomic traits of 15 medium-season (114-116 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¶ (%)		
Dekalb DKC66-06	RR	TRE	270 A			17.1 BC			116 AB			47 A			0		
Progeny 2314	RR	TRE	261 AB			16.4 C			109 C-E			43 A			1		
Dekalb DKC65-99	RR	TRE	261 AB	227 A	239 A	16.4 C	18.3 A	17.9 A	104 F	109 A	111 B	40 A	43 A	45 A	0	1	0
LG 64C43	RR	VT2P	254 A-C			17.5 AB			107 D-F			39 A			1		
Innvictis A1689	RR	TRE	250 A-C			16.6 BC			113 A-C			47 A			1		
Progeny 2215	RR	TRE	247 A-C	224 A		16.8 BC	18.0 A		116 AB	114 A		44 A	46 A		1	1	
Dyna-Gro D56TC44	RR	TRE	246 A-C			17.0 BC			106 D-F			42 A			0		
Revere 1627*	RR	TRE	246 A-C	226 A		17.1 BC	18.5 A		112 BC	114 A		46 A	48 A		0	0	
Innvictis A1542	RR	TRE	243 A-C			17.0 BC			110 CD			44 A			0		
Innvictis A1462	RR	VT2P	241 A-C	225 A		16.6 BC	18.0 A		106 EF	109 A		43 A	45 A		0	1	
Dekalb DKC65-95***	RR	VT2P	239 BC	214 A	235 A	16.9 BC	18.4 A	18.0 A	112 BC	115 A	117 A	44 A	47 A	48 A	0	0	0
Progeny 9114	RR	VT2P	234 B-D	213 A	233 A	17.5 AB	18.8 A	18.1 A	107 D-F	114 A	114 A	41 A	46 A	46 A	0	0	0
Innvictis A1551	RR	VT2P	231 CD	204 A		17.2 BC	18.3 A		105 EF	113 A		39 A	44 A		0	0	
LG 66C06	RR	VT2P	227 CD	201 A		18.2 A	19.3 A		117 A	115 A		44 A	46 A		0	1	
Revere 1577	RR	VT2P	207 D			17.2 BC			104 F			39 A			0		
Average			244	217	236	17.0	18.4	18.0	110	113	114	43	46	46	0	1	0
Standard Error			11	25	24	0.3	1.4	1.0	2	4	3	2	3	3	0	0	0
L.S.D. _{.05}			30	N.S.	N.S.	0.9	N.S.	N.S.	5	N.S.	3	N.S.	N.S.	N.S.	.	.	.
C.V.			7	8	6	3.3	4.2	3.2	2	5	3	8	9	7	.	.	.

† 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.