

Table 8-a. Mean yield and agronomic traits of 15 medium-season (114-116 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
Dekalb DKC66-06	RR	TRE	233 A			17.9 A-C			104 AB			44 AB			0		
Progeny 2314	RR	TRE	228 AB			18.1 AB			103 BC			43 A-C			1		
Revere 1627*	RR	TRE	227 A-C	194 A		18.1 A	17.9 A		102 B-D	95 A-C		43 B-D	40 AB		0	0	
Dekalb DKC65-95***	RR	VT2P	225 A-D	191 AB	196 A	17.7 B-E	17.7 A-C	17.4 A	100 CD	94 C	96 A	43 A-C	40 A-C	41 A	0	0	0
Innvictis A1462	RR	VT2P	218 B-E	190 AB		17.8 A-D	17.6 A-C		101 CD	95 A-C		45 A	41 A		0	0	
Progeny 9114	RR	VT2P	218 B-E	187 AB	193 A	17.3 E-G	17.3 C	16.9 B	99 DE	93 C	94 AB	41 D-F	38 CD	38 B	0	0	0
Innvictis A1689	RR	TRE	217 B-E			17.7 B-E			102 B-D			44 AB			0		
Dekalb DKC65-99	RR	TRE	216 C-E	188 AB	192 A	17.4 D-G	17.4 BC	17.2 AB	94 F	90 D	93 B	40 EF	38 D	39 B	0	0	0
LG 64C43	RR	VT2P	216 DE			17.6 C-F			100 CD			40 F			0		
Progeny 2215	RR	TRE	215 DE	183 B		18.2 A	17.9 A		106 A	97 AB		43 A-C	41 AB		0	0	
Innvictis A1542	RR	TRE	215 DE			17.4 D-G			100 CD			42 C-F			0		
Innvictis A1551	RR	VT2P	214 DE	186 AB		17.2 FG	17.4 C		100 CD	94 BC		41 D-F	39 B-D		0	0	
Revere 1577	RR	VT2P	211 E			17.1 G			97 EF			40 F			0		
Dyna-Gro D56TC44	RR	TRE	211 E			17.6 C-F			100 CD			42 B-E			0		
LG 66C06	RR	VT2P	209 E	184 B		18.1 A	17.8 AB		106 A	97 A		44 A-C	41 AB		0	1	
Average			218	188	194	17.7	17.6	17.2	101	94	94	42	40	39	0	0	0
Standard Error			11	32	24	1.1	0.8	0.7	3	7	6	1	3	3	0	0	0
L.S.D. _{.05}			12	N.S.	N.S.	0.4	0.4	0.3	3	3	2	2	2	1	.	.	.
C.V.			10	12	10	4.4	5.5	5.0	4	6	6	8	9	9	.	.	.
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.

[¶] 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.