

Table A-8. Mean yield and agronomic traits of 15 medium-season (114-116 DAP) corn hybrids evaluated in small plot replicated trials with irrigation at the Highland Rim AgResearch and Education Center in Springfield, 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
Innvictis A1689	RR	TRE	251 A			22.8 A-E			108 A			45 A			0		
Dekalb DKC66-06	RR	TRE	245 A			21.9 EF			108 A			43 A			0		
Revere 1577	RR	VT2P	242 A			21.3 F			100 BC			43 A			0		
Innvictis A1462	RR	VT2P	239 A	191 A		22.4 C-F	20.2 A		100 BC	88 A		43 A	34 A		0	0	
Progeny 2215	RR	TRE	239 A	187 A		24.0 A	21.2 A		109 A	90 A		43 A	34 A		0	0	
Revere 1627*	RR	TRE	236 A	197 A		23.2 A-E	21.0 A		102 A-C	89 A		41 A	34 A		0	0	
Innvictis A1542	RR	TRE	230 A			22.1 D-F			100 BC			40 A			0		
Dekalb DKC65-95***	RR	VT2P	229 A	182 A	207 A	23.4 A-D	20.8 A	20.9 A	105 AB	90 A	95 A	42 A	33 A	37 A	0	0	0
Progeny 9114	RR	VT2P	226 A	171 A	196 A	22.5 B-F	20.5 A	20.3 A	102 A-C	85 A	90 A	42 A	33 A	34 A	0	0	0
Progeny 2314	RR	TRE	226 A			23.5 A-C			107 AB			40 A			0		
LG 64C43	RR	VT2P	226 A			23.1 A-E			109 A			41 A			0		
Innvictis A1551	RR	VT2P	215 A	180 A		23.2 A-E	20.8 A		104 A-C	88 A		41 A	34 A		0	0	
Dyna-Gro D56TC44	RR	TRE	211 A			22.6 B-F			106 AB			41 A			0		
Dekalb DKC65-99	RR	TRE	207 A	169 A	200 A	22.5 B-F	20.4 A	20.5 A	97 C	84 A	91 A	40 A	32 A	35 A	0	0	0
LG 66C06	RR	VT2P	206 A	170 A		23.7 AB	20.8 A		109 A	91 A		42 A	34 A		0	0	
Average			229	181	201	22.8	20.7	20.6	104	88	92	42	34	35	0	0	0
Standard Error			17	45	39	0.5	2.5	1.3	3	15	10	3	8	6	0	0	0
L.S.D _{.05}			N.S.	N.S.	N.S.	1.3	N.S.	N.S.	8	N.S.	N.S.	N.S.	N.S.	N.S.	.	.	.
C.V.			11	12	8	3.5	6.9	5.8	5	7	5	10	12	12	.	.	.

[†] 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.