

Table A-5. Mean yield and agronomic traits of 24 medium-season (114-116 DAP) corn hybrids evaluated in small plot replicated trials with irrigation at the Northeast Tennessee AgResearch and Education Center in Greeneville, Tennessee during 2022. Analysis included hybrid performance over a 1 yr (2022) period.

Hybrid [†]	Herbicide Pkg. [‡]	Insect Pkg. [‡]	Avg. Yield [§]	Moisture at Harvest	Plant Height	Ear Height	Lodging [¶]
			(bu/ac)	(%)	(in.)	(in.)	(%)
			1 yr	1 yr	1 yr	1 yr	1 yr
Innvictis A1689	RR	TRE	228 A	17.4 B-F	86 B-G	42 A-G	2
AgriGold A645-16 VT2RIB***	RR	VT2P	228 A	17.4 B-F	92 AB	45 AB	1
Augusta A7268 VT2Pro	RR	VT2P	214 AB	19.8 A	86 B-G	43 A-F	5
LG Seeds LG66C44 VT2Pro**	RR	VT2P	214 AB	17.4 B-F	87 A-F	45 A-C	0
Innvictis A1462	RR	VT2P	213 AB	17.8 BC	89 A-E	43 A-G	1
Revere 1627 TC	RR	TRE	212 AB	17.6 B-D	87 A-E	41 B-G	1
Dekalb DKC65-99**	RR	TRE	211 AB	16.9 C-G	80 G-I	39 FG	0
Progeny 2215 VTRE	RR	TRE	210 AB	18.3 B	92 AB	44 A-D	1
Dekalb DKC66-18	RR	VT2P	210 AB	16.4 FG	83 E-H	39 FG	3
Progeny 8116 SS*	RR, LL	SS	207 AB	17.7 BC	88 A-E	44 A-D	0
Progeny 9114 VT2P*	RR	VT2P	204 AB	17.2 C-F	80 G-I	39 E-G	0
Dyna-Gro D54VC14	RR	VT2P	203 A-C	16.6 E-G	81 F-I	40 D-G	0
Dyna-Gro D55VC80	RR	VT2P	202 A-C	17.0 C-G	88 A-E	46 A	2
Dyna-Gro D54VC34**	RR	VT2P	198 A-C	16.2 G	88 A-E	45 AB	14
Augusta A7168 VT2Pro	RR	VT2P	195 A-C	19.5 A	88 A-E	42 A-G	3
Spectrum 6416	None	None	195 A-C	17.5 B-E	91 A-C	43 A-F	8
Innvictis A1551 VT2P	RR	VT2P	193 BC	17.0 C-G	90 A-D	41 C-G	0
Dekalb DKC65-95**	RR	VT2P	191 BC	16.9 C-G	85 D-G	43 A-E	2
LG Seeds 66C06	RR	VT2P	190 BC	17.2 C-F	92 A	45 A-C	4
Innvictis A1457 VT2P	RR	VT2P	188 BC	16.5 FG	78 HI	39 G	3
Progeny 2015 VT2P	RR	VT2P	187 BC	16.8 D-G	85 C-G	43 A-G	1
AgriGold A646-30 VT2Pro	RR	VT2P	182 B-D	17.0 C-G	88 A-E	43 A-G	4
Revere ZS1525 3220A	RR, LL	3220A	169 CD	18.2 B	90 A-D	42 A-G	4
Progeny 2216 VT2P	RR	VT2P	151 D	19.3 A	76 I	39 E-G	0
Average			200	17.5	86	42	3
Standard Error			15	0.3	4	2	2
L.S.D._{.05}			34	1.0	6	4	.
C.V.			10	3.3	4	6	.

† 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.