

Table A-20. Mean yield and agronomic traits of 24 medium-season (114-116 DAP) corn hybrids evaluated in small plot replicated trials without irrigation at the AgResearch and Education Center at Milan in Milan, Tennessee during 2022. Analysis included hybrid performance over a 1 yr (2022), 2 yr (2021-2022), and 3 yr (2020-2022) period.

Hybrid [†]	Herbicide Pkg [‡]	Insect Pkg. [‡]	Avg. Yield [§] (bu/ac)			Moisture at Harvest (%)			Lodging [¶] (%)		
			1 yr	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr
Dyna-Gro D54VC14	RR	VT2P	142 A			17.1 B-E			0		
Progeny 8116 SS*	RR, LL	SS	134 AB	193 A	207 A	18.0 A-D	17.3 AB	16.9 AB	0	0	0
LG Seeds 66C06	RR	VT2P	131 AB			17.7 A-E			0		
Innvictis A1551 VT2P	RR	VT2P	126 A-C			16.6 C-E			0		
Augusta A7168 VT2Pro	RR	VT2P	125 A-C			17.6 A-E			0		
Progeny 9114 VT2P*	RR	VT2P	123 A-C	187 A	200 A	16.7 C-E	16.2 C	16.1 CD	0	0	0
Dekalb DKC65-99**	RR	TRE	121 A-C	171 A	194 A	16.2 E	16.1 C	16.0 D	0	0	0
Progeny 2215 VTRE	RR	TRE	115 A-D			16.5 DE			0		
Augusta A7268 VT2Pro	RR	VT2P	111 A-E			16.4 DE			0		
Progeny 2015 VT2P	RR	VT2P	106 A-E	173 A	194 A	17.4 B-E	16.9 A-C	16.5 B-D	0	0	0
Dekalb DKC65-95**	RR	VT2P	102 A-E	175 A	197 A	18.0 A-D	17.4 AB	17.0 AB	0	0	0
Innvictis A1457 VT2P	RR	VT2P	101 A-E			16.8 C-E			0		
Revere ZS1525 3220A	RR, LL	3220A	101 A-E			18.6 AB			0		
Innvictis A1462	RR	VT2P	96 A-F			16.6 C-E			0		
Revere 1627 TC	RR	TRE	93 A-G			17.4 B-E			0		
AgriGold A645-16 VT2RIB***	RR	VT2P	91 A-G	174 A	202 A	17.7 A-E	17.3 AB	16.7 A-C	0	0	0
Innvictis A1689	RR	TRE	87 B-G			17.9 A-E			0		
Dekalb DKC66-18	RR	VT2P	84 A-G	161 A	186 A	19.5 A	17.8 A	17.3 A	0	0	0
Dyna-Gro D55VC80	RR	VT2P	80 B-G	169 A	204 A	16.6 C-E	16.6 BC	16.4 B-D	0	0	0
LG Seeds LG66C44 VT2Pro**	RR	VT2P	72 C-G	163 A	196 A	18.1 A-D	17.4 AB	16.9 AB	0	0	0
AgriGold A646-30 VT2Pro	RR	VT2P	64 D-G			17.3 B-E			0		
Progeny 2216 VT2P	RR	VT2P	59 E-G			17.6 B-E			0		
Spectrum 6416	None	None	46 FG			18.7 AB			0		
Dyna-Gro D54VC34**	RR	VT2P	40 G	142 A	176 A	18.2 A-C	17.3 AB	16.8 A-C	0	0	0
Average			98	171	196	17.5	17.0	16.6	0	0	0
Standard Error			19	76	51	0.6	0.6	0.6	0	0	0
L.S.D._{.05}			54	N.S.	N.S.	1.7	1.0	0.7	.	.	.
C.V.			34	15	12	5.9	4.8	4.4	.	.	.

† 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.