

Table A-12. Mean yield and agronomic traits of 15 full-season (>116 DAP) corn hybrids evaluated in small plot replicated trials without irrigation at the Highland Rim AgResearch and Education Center in Springfield, 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 (%)			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
NK Seeds NK1838 3110	RR	3110	211 A			22.7 A			93 A			44 A			0		
Revere 1898 TC	RR	TRE	202 A	175 A	163 A	21.7 A	19.7 D	20.3 A	99 A	95 A	93 A	41 A	41 A	39 A	0	0	0
AgriGold A650-21 VT2Pro	RR	VT2P	196 A			22.4 A			90 A			39 A			0		
Progeny 9117 VT2P****	RR	VT2P	186 A	181 A	165 A	20.3 A	20.3 B-D	20.7 A	87 A	91 A	93 A	38 A	40 A	39 A	0	0	0
Dyna-Gro D57VC53	RR	VT2P	186 A			20.9 A			98 A			37 A			0		
Progeny 2118 VT2P	RR	VT2P	184 A	173 A		23.6 A	21.9 A		99 A	94 A		35 A	38 A		0	0	
Dekalb DKC67-94*	RR, LL	TRE	182 A	179 A		21.8 A	20.1 D		89 A	92 A		40 A	41 A		0	0	
LG Seeds 69C03 VT2P	RR	VT2P	179 A			21.7 A			97 A			42 A			0		
Dyna-Gro D57TC29*	RR	TRE	176 A	174 A		23.1 A	21.5 A-C		90 A	93 A		37 A	37 A		0	0	
LG Seeds LG67C07 VT2Pro	RR	VT2P	172 A			22.6 A			92 A			39 A			0		
Dekalb DKC67-44*****	RR	VT2P	161 A	164 A	155 A	21.7 A	20.3 CD	20.7 A	91 A	90 A	91 A	37 A	38 A	37 A	0	0	0
Dekalb DKC68-69****	RR	VT2P	158 A	167 A	157 A	21.4 A	20.6 A-D	21.0 A	94 A	97 A	96 A	39 A	42 A	40 A	0	0	0
Dekalb DKC69-99*	RR	TRE	157 A	165 A		22.1 A	20.9 A-D		81 A	86 A		34 A	37 A		0	0	
Revere 1707 VT2P**	RR	VT2P	153 A	162 A	156 A	23.0 A	21.6 AB	21.8 A	88 A	87 A	90 A	41 A	40 A	39 A	0	0	0
AgriGold A647-79 VT2Pro	RR	VT2P	147 A			23.3 A			87 A			38 A			0		
Average			177	171	159	22.1	20.8	20.9	92	91	92	39	39	39	0	0	0
Standard Error			29	15	14	0.8	1.4	0.8	6	3	2	3	2	1	0	0	0
L.S.D._{.05}			N.S.	N.S.	N.S.	N.S.	1.4	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	.	.	.
C.V.			21	17	17	6.0	5.7	5.5	9	8	8	9	8	8	.	.	.

† 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 L.S.D. were not performed and only mean values are reported.