

Table A-9. Mean yield and agronomic traits of 15 full-season (>116 DAP) corn hybrids evaluated in small plot replicated trials with 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	165 A			20.1 A			76 A			26 A			0		
AgriGold A650-21 VT2Pro	RR	VT2P	159 A			20.1 A			79 A			28 A			0		
Progeny 9117 VT2P****	RR	VT2P	153 A	202 A	210 A	19.8 A	20.6 A-C	19.8 BC	75 A	93 A	98 B	27 A	33 A	35 A	0	0	0
Progeny 2118 VT2P	RR	VT2P	153 A	198 A		20.7 A	21.1 AB		78 A	93 A		29 A	36 A		0	0	
AgriGold A647-79 VT2Pro	RR	VT2P	150 A			19.8 A			75 A			26 A			0		
LG Seeds 69C03 VT2P	RR	VT2P	150 A			20.1 A			75 A			27 A			0		
Dekalb DKC68-69****	RR	VT2P	148 A	209 A	222 A	21.2 A	21.8 A	20.8 A	75 A	98 A	103 A	25 A	35 A	36 A	0	0	0
Dyna-Gro D57VC53	RR	VT2P	146 A			20.4 A			72 A			27 A			0		
Revere 1898 TC	RR	TRE	145 A	196 A	214 A	20.3 A	19.6 C	18.8 C	78 A	92 A	96 B	28 A	38 A	37 A	0	0	0
Dekalb DKC69-99*	RR	TRE	142 A	197 A		21.2 A	21.5 AB		79 A	95 A		24 A	36 A		0	0	
Dekalb DKC67-44*****	RR	VT2P	140 A	198 A	212 A	20.1 A	20.4 BC	19.4 C	76 A	92 A	96 B	26 A	36 A	36 A	0	0	0
LG Seeds LG67C07 VT2Pro	RR	VT2P	134 A			20.9 A			74 A			28 A			0		
Revere 1707 VT2P**	RR	VT2P	127 A	193 A	209 A	22.4 A	21.9 A	20.4 AB	75 A	90 A	95 B	28 A	36 A	37 A	0	0	0
Dyna-Gro D57TC29*	RR	TRE	117 A	191 A		22.0 A	21.6 AB		72 A	94 A		24 A	33 A		0	0	
Dekalb DKC67-94*	RR, LL	TRE	105 A	179 A		22.0 A	21.9 A		73 A	92 A		26 A	34 A		0	0	
Average			142	196	213	20.7	21.2	19.8	76	93	98	26	35	36	0	0	0
Standard Error			18	60	36	1.1	0.5	1.1	4	17	11	2	9	5	0	0	0
L.S.D._{.05}			N.S.	N.S.	N.S.	N.S.	1.4	1.0	N.S.	N.S.	5	N.S.	N.S.	N.S.	.	.	.
C.V.			15	9	8	9.3	5.6	5.2	8	6	6	13	10	11	.	.	.

† 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.