

Table A-24. Mean yield and agronomic traits of 15 full-season (>116 DAP) corn hybrids evaluated in small plot replicated trials with irrigation at the West Tennessee AgResearch and Education Center in Jackson, 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
AgriGold A647-79 VT2Pro	RR	VT2P	224 A			14.9 A			93 A			45 A			0		
Dyna-Gro D57TC29*	RR	TRE	223 A	239 A		15.3 A	16.5 A		94 A	105 A		44 A	49 A		0	0	
Revere 1707 VT2P**	RR	VT2P	221 A	232 A	223 A	15.4 A	16.6 A	16.5 AB	96 A	108 A	111 A	46 A	51 A	50 A	0	0	0
AgriGold A650-21 VT2Pro	RR	VT2P	220 A			16.4 A			96 A			46 A			0		
Dekalb DKC68-69****	RR	VT2P	217 A	232 A	221 A	15.0 A	16.4 A	16.8 A	89 A	100 A	107 A	47 A	50 A	48 A	0	0	0
LG Seeds LG67C07 VT2Pro	RR	VT2P	217 A			15.6 A			95 A			42 A			0		
Revere 1898 TC	RR	TRE	216 A	217 A	213 A	15.8 A	16.2 A	15.7 C	93 A	105 A	111 A	44 A	48 A	49 A	0	0	1
Progeny 9117 VT2P****	RR	VT2P	214 A	225 A	214 A	15.3 A	16.2 A	16.4 A-C	95 A	107 A	111 A	45 A	49 A	46 A	0	0	0
LG Seeds 69C03 VT2P	RR	VT2P	212 A			15.1 A			91 A			44 A			0		
NK Seeds NK1838 3110	RR	3110	211 A			14.9 A			92 A			43 A			0		
Dekalb DKC67-44*****	RR	VT2P	210 A	216 A	206 A	15.3 A	16.1 A	15.9 BC	96 A	106 A	110 A	44 A	50 A	48 A	0	1	1
Dyna-Gro D57VC53	RR	VT2P	209 A			15.0 A			94 A			44 A			0		
Dekalb DKC67-94*	RR, LL	TRE	207 A	220 A		15.3 A	16.2 A		93 A	104 A		44 A	49 A		0	0	
Dekalb DKC69-99*	RR	TRE	207 A	217 A		16.0 A	16.7 A		92 A	103 A		46 A	50 A		0	0	
Progeny 2118 VT2P	RR	VT2P	199 A	212 A		16.4 A	17.1 A		95 A	104 A		46 A	50 A		0	0	
Average			214	223	216	15.5	16.4	16.3	94	105	110	45	50	48	0	0	0
Standard Error			10	13	11	0.4	0.9	0.6	2	11	8	2	5	3	0	0	0
L.S.D.^{0.05}			N.S.	N.S.	N.S.	N.S.	N.S.	0.8	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	.	.	.
C.V.			8	8	7	4.6	4.0	5.0	4	4	4	8	6	7	.	.	.

† 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.