

**Table A-4. Mean yield and agronomic traits of 21 early-season (<114 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 <sup>†</sup>	Herbicide Pkg <sup>‡</sup>	Insect Pkg. <sup>‡</sup>	Avg. Yield <sup>§</sup>	Moisture at Harvest	Plant Height	Ear Height	Lodging <sup>¶</sup>
			(bu/ac)	(%)	(in.)	(in.)	(%)
			1 yr	1 yr	1 yr	1 yr	1 yr
Dyna-Gro D52DC82	RR	VT2P	221 A	15.5 G-I	91 A-C	45 A	3
Revere 1398 VT2P	RR	VT2P	210 AB	16.9 A-E	88 A-D	43 A-C	1
Warren Seed DS 5018**	RR, LL	HX1,YGCB	209 A-C	15.0 I	88 A-D	43 A-D	5
AgriGold A643-52 VT2RIB	RR	VT2P	208 A-D	16.3 D-G	92 AB	42 A-E	11
Spectrum 6228	None	None	194 A-E	15.3 HI	87 B-E	39 F-H	1
Dekalb DKC62-89	RR	TRE	193 A-E	17.7 A	84 C-E	40 D-H	4
AgriGold A641-85 TRCRIB	RR	TRE	188 A-E	16.4 C-F	85 C-E	42 B-F	6
Warren Seed DS 5250*	RR, LL	HX1,YGCB	186 A-E	16.9 B-E	94 A	45 AB	3
Dekalb DKC62-70	RR	VT2P	184 B-E	17.1 A-D	81 E	42 A-E	1
Progeny 1912 VT2P	RR	VT2P	184 B-E	16.0 F-H	88 A-D	42 A-E	0
Dyna-Gro D50VC09	RR	VT2P	183 B-E	15.7 F-I	90 A-D	44 A-C	0
Progeny 2008 VT2P	RR	VT2P	182 B-E	15.5 G-I	86 B-E	39 F-H	0
Dyna-Gro D52VC63	RR	VT2P	181 B-E	17.4 AB	89 A-D	43 A-D	1
Dekalb DKC59-82	RR	VT2P	180 B-E	15.6 F-I	84 C-E	38 GH	0
Dyna-Gro D53TC23	RR	TRE	178 B-E	16.2 E-G	86 B-E	40 D-H	0
Progeny 2012 VT2P	RR	VT2P	178 B-E	16.8 B-E	85 C-E	39 F-H	1
Warren Seed DS 4878*	RR, LL	HX1,YGCB	176 B-F	15.7 F-I	84 C-E	41 C-H	0
Revere 1307 TC	RR	TRE	173 C-F	16.2 E-G	84 DE	41 C-G	3
Revere 0918 VT2P	RR	VT2P	172 D-F	15.2 HI	81 E	39 E-H	0
Warren Seed DS 5383	RR, LL	HX1,YGCB	167 EF	17.2 A-C	85 C-E	38 H	0
Warren Seed DS 5095	RR, LL	HX1,YGCB	140 F	17.0 A-E	84 C-E	41 C-G	0
<b>Average</b>			<b>185</b>	<b>16.3</b>	<b>87</b>	<b>41</b>	<b>2</b>
<b>Standard Error</b>			<b>13</b>	<b>0.3</b>	<b>3</b>	<b>1</b>	<b>2</b>
<b>L.S.D.<sub>.05</sub></b>			<b>36</b>	<b>0.8</b>	<b>7</b>	<b>3</b>	<b>.</b>
<b>C.V.</b>			<b>12</b>	<b>3.0</b>	<b>5</b>	<b>5</b>	<b>.</b>

† 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.