Corn Grain Hybrid Tests in Tennessee
Yield Summary: 2022

(For full report, see UT Extension publication PB 1878)

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This report is available as a pdf and as sortable, mobile-friendly tables at:
search.utcrops.com/corn-grains

Acknowledgments

This research was funded by UT Extension, the Tennessee Corn Promotion Board, and participating companies.

We gratefully acknowledge the assistance of the following individuals in conducting these experiments:

Northeast Tennessee AgResearch and Education Center (Greeneville, TN)
Justin Lee McKinney, Research Center Director
Trey Clark, Research Associate

East Tennessee AgResearch and Education Center (Knoxville, TN)
Ethan Parker, Director
Robert Simpson, Former Director (retired)
B.J. DeLozier, Farm Manager
Cody Fust, Research Associate
Charles Summey, Senior Field Worker
Nicholas Tissot, Farm Crew Leader

Middle Tennessee AgResearch and Education Center (Spring Hill, TN)
Kevin Thompson, Director
Joe David Plunk, Research Associate

Highland Rim AgResearch and Education Center (Springfield, TN)
Robert Ellis, Director
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AgResearch and Education Center at Milan (Milan, TN)
Blake Brown, Center Director
Weston Bracey, Research Associate
Bryan Garren, Research Associate
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West Tennessee AgResearch and Education Center (Jackson, TN)
Scott Stewart, Center Director
Randi Dunagan, Research Associate

Agricenter International (Memphis, TN)
Bruce Kirksey, Director

Additionally, we are grateful for the continued support and dedication of the many county extension agents and cooperators who contribute to these results (for a full list of extension agents and cooperators, see table 2).

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Table 1. Location information from University of Tennessee Institute of Agriculture (UTIA) AgResearch and Education Centers where corn hybrid tests were conducted in Tennessee in 2022.

Early Season Corn Hybrids

Location	AgResearch and Education Center	Irrigation	Planting Date	Harvest Date	Plant Population	Soil Type
Knoxville	East Tennessee	Irrigated	April 28, 2022	September 9, 2022	31,023	Shady Loam
Springfield	Highland Rim	Irrigated	April 27, 2022	September 21, 2022	36,289	Sango Silt Loam
Springfield	Highland Rim	Non-Irrigated	April 27, 2022	September 19, 2022	34,964	Dickson Silt Loam
Spring Hill	Middle Tennessee	Non-Irrigated	April 28, 2022	September 28, 2022	29,933	Maury Silt Loam
Greeneville	Northeast Tennessee	Non-Irrigated	May 2, 2022	October 6, 2022	43,885	Holston loam
Milan	Milan	Irrigated	April 28, 2022	September 15, 2022	34,161	Grenada
Milan	Milan	Non-Irrigated	April 28, 2022	September 15, 2022	30,805	Grenada
Jackson	West Tennessee	Irrigated	April 22, 2022	September 27, 2022	37,203	Memphis Silt Loam
Memphis	Agricenter International	Irrigated	May 23, 2022	October 26, 2022	not eval.	Falaya Silt Loam

Medium Season Corn Hybrids

Location	AgResearch and Education Center	Irrigation	Planting Date	Harvest Date	Plant Population	Soil Type
Knoxville	East Tennessee	Irrigated	April 28, 2022	September 9, 2022	30,033	Shady Loam
Springfield	Highland Rim	Irrigated	April 27, 2022	September 22, 2022	36,081	Sango Silt Loam
Springfield	Highland Rim	Non-Irrigated	April 27, 2022	September 21, 2022	35,465	Dickson Silt Loam
Spring Hill	Middle Tennessee	Non-Irrigated	April 28, 2022	September 28, 2022	30,904	Maury Silt Loam
Greeneville	Northeast Tennessee	Non-Irrigated	May 2, 2022	October 6, 2022	42,526	Holston loam
Milan	Milan	Irrigated	April 28, 2022	September 19, 2022	34,453	Grenada
Milan	Milan	Non-Irrigated	April 28, 2022	September 19, 2022	30,823	Grenada
Jackson	West Tennessee	Irrigated	April 22, 2022	September 27, 2022	38,539	Memphis Silt Loam
Memphis	Agricenter International	Irrigated	May 23, 2022	October 26, 2022	not eval.	Falaya Silt Loam

Full Season Corn Hybrids

Location	AgResearch and Education Center	Irrigation	Planting Date	Harvest Date	Plant Population	Soil Type
Knoxville	East Tennessee	Irrigated	April 28, 2022	September 9, 2022	29,342	Shady Loam
Springfield	Highland Rim	Irrigated	April 27, 2022	September 21, 2022	35,739	Sango Silt Loam
Springfield	Highland Rim	Non-Irrigated	April 27, 2022	September 21, 2022	34,319	Dickson Silt Loam
Spring Hill	Middle Tennessee	Non-Irrigated	April 28, 2022	September 29, 2022	29,945	Maury Silt Loam
Greeneville	Northeast Tennessee	Non-Irrigated	May 2, 2022	October 6, 2022	42,837	Holston loam
Milan	Milan	Irrigated	April 28, 2022	September 21, 2022	33,293	Grenada
Milan	Milan	Non-Irrigated	April 28, 2022	September 21, 2022	30,731	Grenada
Jackson	West Tennessee	Irrigated	April 22, 2022	September 30, 2022	36,623	Memphis Silt Loam

Table 2. Location information from county locations where corn hybrid county standard tests were conducted in Tennessee in 2022.

Early Corn Hybrid Test (RR & Stacked)

County	Cooperator	Agent	Planting Date
Calloway,KY	Marty Carraway	Tim Lax	May 11,2022
Carroll	Jeremy Morris	Kenny Herndon	May 16,2022
Crockett	Steve Bailey	Daniel Wiggins	April 7, 2022
Decatur	Will Milam	Cheyenne Rushing	May 16, 2022
Fayette	Mark McNabb	Jeff Via	May 2, 2022
Gibson	Denton Parkins	Jake Mallard	April 22, 2022
Hardeman	Rob Pinner	Clint Plunk	April 28, 2022
Haywood	Bradley Jones	Lindsay Stephenson	May 5, 2022
Henry	Brannon Farms	Ranson Goodman	April 28, 2022
Henry	Tosh Farms	Ranson Goodman	May 10, 2022
Loudon	Josh Watson	John Goddard	May 2, 2022
Loudon	David Richesin	John Goddard	May 2, 2022
Madison	Brian Taylor	Jake Mallard	May 4, 2022
Weakley	David & Andy Oliver	Bronson Bass	April 30, 2022

Medium Season Corn Hybrid Test (RR & Stacked)

County	Cooperator	Agent	Planting Date
Bradley	Mike Voelker	David Bilderback	May 3, 2022
Bradley	John Moore	David Bilderback	April 25, 2022
Calloway,KY	Marty Carraway	Tim Lax	May 11,2022
Carroll	Jeremy Morris	Kenny Herndon	May 16, 2022
Crockett	Adam Young	Daniel Wiggins	May 17, 2022
Decatur	Vise	Cheyenne Rushing	May 9, 2022
Gibson	Denton Parkins	Jake Mallard	April 22, 2022
Giles	Pat Sulcer	Kevin Rose	April 28, 2022
Hardeman	Rob Pinner	Clint Plunk	April 29, 2022
Haywood	Link Carlton	Lindsay Stephenson	May 2, 2022
Henry	Brannon Farms	Ranson Goodman	April 28, 2022
Henry	Tosh Farms	Ranson Goodman	May 10, 2022
Jefferson	J. Moser	Ryan Brown	April 30, 2022
Loudon	David Richesin	John Goddard	May 2, 2022
Madison	Matt & Kelly Griggs	Jake Mallard	April 29, 2022
Obion	Bill Thompson	Bob Shumake	May 10, 2022
Warren	Austin Barry	Heath Nokes	May 5, 2022
Weakley	Andy Oliver	Bronson Bass	April 30, 2022

Full Season Corn Hybrid Test (RR & Stacked)

County	Cooperator	Agent	Planting Date
Bradley	John Moore	David Bilderback	April 25,2022
Calloway,KY	Marty Carraway	Tim Lax	May 11,2022
Carroll	Jeremy Morris	Kenny Herndon	May 16, 2022
Crockett	Adam Young	Daniel Wiggins	May 17, 2022
Decatur	Will Milam	Cheyenne Rushing	May 16, 2022
Gibson	Denton Parkins	Jake Mallard	April 22, 2022
Haywood	Link Carlton	Lindsay Stephenson	May 2, 2022
Henderson	White Farms	Brian White	May 18, 2022
Henry	Brannon Farms	Ranson Goodman	April 28, 2022
Henry	Tosh Farms	Ranson Goodman	May 10, 2022
Loudon	Josh Watson	John Goddard	May 2, 2022
Loudon	David Richesin	John Goddard	May 2, 2022
Madison	Brian Taylor	Jake Mallard	May 4, 2022
Rhea	Don Massengale	Noah Washburn	May 2, 2022
Tipton	Jerry & Chelsea Tolbert	Becky Muller	May 11, 2022

Table 3. Average yields of hybrids that were in the "A group" (not statistically different from the highest performing variety) in AgResearch and Education Center (REC) tests, County Standard Tests (CST), or both trial programs in 2022. Varieties are sorted by number of consecutive years in "A group", "A group" ranking in both REC and CST trials, then yield.

Early Maturity (< 114 DAP)

	REC			CST		
Hybrid	REC Yield[§]	Consecutive Years in A Group[‡]	Locs. with above avg. yield	CST Yield[§]	Consecutive Years in A Group[‡]	Locs. with above avg. yield
Revere 1398 VT2P	156		33%	140	3	85%
Warren Seed DS 5018	166	3	44%	125		38%
Progeny 2012 VT2P	158		22%	133	3	77%
Beck's 6374 VT2P				131	3	69%
Revere 1307 TC	163		56%	132	2	69%
Warren Seed DS 5250	165	2	56%	124		38%
Warren Seed DS 4878	168	2	78%	116		31%
AgriGold A643-52 VT2RIB	176	1	78%	138	1	62%
Dyna-Gro D50VC09	179	1	78%	133	1	69%
AgriGold A641-85 TRCRIB	167	1	78%			
Progeny 2008 VT2P	166	1	56%			
Dekalb DKC62-70	169	1	56%	127		54%
Dekalb DKC62-89	163		56%	130	1	69%
Dekalb DKC59-82	165	1	56%	128		38%
Dyna-Gro D52VC63	153		22%	130	1	54%

Medium Maturity (114 - 116 DAP)

	REC			CST		
Hybrid	REC Yield[§]	Consecutive Years in A Group[‡]	Locs. with above avg. yield	CST Yield[§]	Consecutive Years in A Group[‡]	Locs. with above avg. yield
AgriGold A645-16 VT2RIB	157	4	33%	175	2	65%
Dekalb DKC65-99	159	3	44%	177	3	65%
Dekalb DKC65-95	157	3	44%	179	2	82%
LG Seeds LG66C44 VT2Pro	158	3	67%	174	2	76%
Dekalb DKC66-18	159	1	67%	167	3	53%
Dyna-Gro D54VC34	154	3	56%	167	1	65%
Dyna-Gro D54VC14	164	1	56%	168	2	65%
Croplan CP5497 VT2P				174	2	59%
Revere 1577 VT2P*				171	2	65%
Progeny 8116 SS	166	2	44%			
Beck's 6414 VT2P				166	2	47%
Progeny 9114 VT2P	157	2	56%	163		47%
Dyna-Gro D55VC80	159	1	67%	165	1	65%
Augusta A7268 VT2Pro	164	1	67%			
Innvictis A1462	163	1	56%			
Revere 1627 TC	160	1	67%			
LG Seeds 66C06	159	1	56%			
Innvictis A1551 VT2P	158	1	44%			
Innvictis A1689	157	1	56%			
Augusta A7168 VT2Pro	156	1	44%			
Innvictis A1457 VT2P	156	1	56%			
Revere ZS1525 3220A	155	1	56%			
AgriGold A646-30 VT2Pro	153	1	44%			
Progeny 2215 VTRE	150	1	44%			
Progeny 2216 VT2P	148	1	56%			
Spectrum 6416	147	1	11%			
Progeny 2015 VT2P	143	1	33%			

Table 3. cont.

Full Maturity (> 116 DAP)

Hybrid	REC			CST		
	REC Yield[§]	Consecutive Years in A Group[‡]	Locs. with above avg. yield	CST Yield[§]	Consecutive Years in A Group[‡]	Locs. with above avg. yield
Dekalb DKC67-44	157	7	25%	156		79%
Dekalb DKC68-69	155	5	63%			
Progeny 9117 VT2P	163	5	63%	141		21%
Revere 1707 VT2P	160	3	63%	155		71%
Dekalb DKC67-94	149	2	38%	158	2	79%
Dekalb DKC69-99	162	2	63%	170	1	100%
Progeny 2118 VT2P	151	1	38%	160	2	64%
Dyna-Gro D57TC29	159	2	38%	155		64%
Revere 1898 TC	168	1	88%	160	1	79%
AgriGold A650-21 VT2Pro	160	1	63%			
AgriGold A647-79 VT2Pro	161	1	75%	156		50%
NK Seeds NK1838 3110	157	1	38%			
LG Seeds LG67C07 VT2Pro	156	1	38%			
LG Seeds 69C03 VT2P	152	1	25%			
Dyna-Gro D57VC53	155	1	50%	146		43%

§ All yields are adjusted to 15.5% moisture.

Table 5. Mean yields across and by location of 21 early-season (<114 DAP) corn hybrids evaluated in replicated small plot trials at eight AgResearch and Education Center locations in Tennessee during 2022. Analysis included hybrid performance across a 1 yr (2022) period.

Hybrid†	Herbicide Pkg‡	Insect Pkg.‡	Avg. Yield§ (bu/*acre*)	Knoxville Irr. (*bu/acre*)	Greeneville Non-Irr. (*bu/acre*)	Springfield Irr. (bu/*acre*)	Springfield Non-Irr. (bu/*acre*)	Spring Hill Non-Irr. (bu/*acre*)	Milan Irr. (bu/*acre*)	Milan Non-Irr. (bu/*acre*)	Jackson Irr. (bu/*acre*)	Memphis Irr. (bu/*acre*)
Dyna-Gro D50VC09	RR	VT2P	179 A	200 A	183 B-E	184 A	184 A	114 A	256 A	113 A	215 A	161 A
AgriGold A643-52 VT2RIB	RR	VT2P	176 AB	191 A	208 A-D	169 A	148 A	115 A	243 A	130 A	216 A	163 A
Dekalb DKC62-70	RR	VT2P	169 A-C	180 A	184 B-E	166 A	168 A	94 A	231 A	129 A	223 A	145 A-D
Warren Seed DS 4878*	RR, LL	HX1,YGCB	168 A-C	212 A	176 B-F	169 A	165 A	107 A	238 A	68 A	220 A	155 A-C
AgriGold A641-85 TRCRIB	RR	TRE	167 A-C	194 A	188 A-E	173 A	117 A	103 A	235 A	110 A	223 A	164 A
Progeny 2008 VT2P	RR	VT2P	166 A-D	172 A	182 B-E	156 A	170 A	88 A	238 A	105 A	223 A	163 A
Warren Seed DS 5018**	RR, LL	HX1,YGCB	166 A-E	196 A	209 A-C	157 A	178 A	90 A	259 A	73 A	208 A	120 D-F
Warren Seed DS 5250*	RR, LL	HX1,YGCB	165 A-E	203 A	186 A-E	158 A	152 A	117 A	214 A	98 A	225 A	134 B-D
Dekalb DKC59-82	RR	VT2P	165 A-E	184 A	180 B-E	157 A	96 A	102 A	240 A	137 A	224 A	165 A
Dyna-Gro D53TC23	RR	TRE	163 B-E	183 A	178 B-E	135 A	160 A	100 A	226 A	121 A	209 A	158 AB
Dekalb DKC62-89	RR	TRE	163 B-E	182 A	193 A-E	174 A	111 A	80 A	243 A	103 A	228 A	158 AB
Revere 1307 TC	RR	TRE	163 B-E	198 A	173 C-F	160 A	101 A	89 A	247 A	113 A	216 A	165 A
Revere 0918 VT2P	RR	VT2P	162 B-E	178 A	172 D-F	172 A	132 A	70 A	253 A	117 A	227 A	139 A-D
Dyna-Gro D52DC82	RR	VT2P	162 B-E	198 A	221 A	151 A	133 A	68 A	232 A	97 A	196 A	161 A
Spectrum 6228	None	None	158 C-E	214 A	194 A-E	155 A	122 A	94 A	217 A	68 A	204 A	156 AB
Progeny 2012 VT2P	RR	VT2P	158 C-E	191 A	178 B-E	153 A	123 A	94 A	233 A	83 A	208 A	158 AB
Warren Seed DS 5383	RR, LL	HX1,YGCB	158 C-E	209 A	167 EF	165 A	139 A	68 A	193 A	117 A	221 A	141 A-D
Revere 1398 VT2P	RR	VT2P	156 C-E	204 A	210 AB	160 A	131 A	71 A	229 A	91 A	215 A	95 F
Progeny 1912 VT2P	RR	VT2P	156 C-E	194 A	184 B-E	155 A	113 A	109 A	225 A	95 A	223 A	103 EF
Dyna-Gro D52VC63	RR	VT2P	153 DE	206 A	181 B-E	130 A	114 A	60 A	231 A	94 A	229 A	129 C-E
Warren Seed DS 5095	RR, LL	HX1,YGCB	152 E	191 A	140 F	134 A	146 A	72 A	232 A	111 A	239 A	106 EF
Average			**163**	**194**	**185**	**159**	**138**	**91**	**234**	**103**	**219**	**145**
Standard Error			**17**	**10**	**13**	**17**	**28**	**19**	**15**	**18**	**8**	**9**
L.S.D.$_{.05}$			**14**	**N.S.**	**36**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**26**
C.V.			**16**	**9**	**12**	**12**	**28**	**31**	**11**	**28**	**6**	**11**

† Hybrids that have any MS letter in common are not significantly different in yield 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.
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.

Table 6. Yields of 19 early-season (<114 DAP) Roundup / stacked corn hybrids in 13 County Standard Tests in Tennessee during 2022.‡

MS† Avg. Yield	Hybrid*	Avg. Yield§ (bu/*acre*)	Avg. Moisture (%)	Avg. Test Weight (lbs/bu)	Carr	Croc	Deca	Faye	Gibs	Hard	Hayw	HenB	HenT	LouW	LouR	Madi	Weak
					5/19	4/7	5/16	5/2	4/22	4/29	4/20	4/28	5/10	5/2	5/2	5/4	4/30
A	Revere 1398 VT2P**	**140**	14.8	60.4	113	92	**89**	49	**180**	142'	**99**	**234**	201	**210**	210	73	131
A	AgriGold A643-52 VT2	138	14.7	58.8	119	**105**	41	67	165	**166**	66	212	**217**	182	216	71	**165**
AB	Dyna-Gro D50VC09	133	13.7	58.3	145	86	67	68	145	128	70	226	200	189	211	69	129
ABC	Progeny 2012 VT2P**	133	13.8	60.8	129	95	72	68	154	128	84	222	193	180	205	73	122
ABC	Revere 1307 TC*	132	13.9	60.6	133	73	47	46	163	140	96	213	201	199	**220**	73	105
ABCD	Beck's 6374 VT2P**	131	14.0	60.9	134	85	75	57	152	129	81	206	194	203	201	62	120
ABCD	DeKalb 62-89 Tre	130	14.6	60.4	108	70	43	47	153	151	87	221	207	195	217	78	119
ABCD	Dyna-Gro D52VC63	130	14.5	59.9	112	98	57	72	150	133	82	204	185	184	202	83	130
BCD	DeKalb 59-82 VT2P	128	13.7	59.5	141	89	65	56	139	122	69	206	184	177	199	71	141
BCD	DeKalb 62-70 VT2P	127	14.2	61.3	126	80	39	49	165	121	75	225	180	187	210	76	123
BCDE	Beck's 6296 VT2P	126	13.9	60.2	**150**	50	54	57	142	107	62	220	198	185	215	81	115
BCDE	Warren Seed DS 5383	126	14.5	60.9	127	49	67	34	142	126	67	231	192	187	199	75	136
BCDE	Warren Seed DS 5018	125	13.4	59.9	132	73	77	45	144	134	70	209	182	177	212	75	96
BCDE	Warren Seed DS 5250	124	14.5	60.2	143	48	40	**99**	161	130	66	204	180	172	218	69	82
CDEF	AgriGold A6544 VT2RIB	122	14.5	59.7	136	69	73	42	135	127	73'	166	173	188	209	75	125
DEF	Progeny 1912 VT2P	121	14.3	59.8	114	85	45	45	154	146	70	176	168	176	198	**84**	112
DEF	Warren Seed DS 5095	120	13.9	59.7	104	55	32	42	148	120	90	223	188	190	203	59	112
EF	Warren Seed DS 4878	116	13.9	59.5	93	57	59	35	143	108	61	231	192	195	203	49	83
F	NK 1188-3120	113	13.7	59.4	122	69	28	22	142	114	71	212	155	178	198	55	105
	Average	**127**	**14.1**	**60.0**	**125**	**75**	**56**	**53**	**151**	**129**	**76**	**213**	**189**	**187**	**208**	**71**	**118**

‡ Data Provided by Ryan Blair, Ext. Area Specialist, Grain and Cotton Variety Testing, and Extension agents in counties shown above.
† Hybrids that have any MS letter in common are not significantly different in yield at the 5% level of probability.
* Asterisks after a hybrid name indicate the number of preceding consecutive years in the top-performing "A" group.
§ All yields are adjusted to 15.5% moisture.
Highlighted cells indicate hybrids that were above average and bold/underline values indicate the top yield, within a location.
County locations include: Carroll, Crockett, Decatur, Fayette, Gibson, Hardeman, Haywood, Henry (2 locs), Loudon (2 locs), Madison, and Weakley.

Table 9. Mean yields across and by location of 24 medium-season (114-116 DAP) corn hybrids evaluated in replicated small plot trials at eight AgResearch and Education Center locations in Tennessee during 2022. Analysis included hybrid performance across a 1 yr (2022) period.

Hybrid†	Herbicide Pkg‡	Insect Pkg.‡	Avg. Yield§ (bu/*acre*)	Knoxville Irr. (*bu/acre*)	Greeneville Non-Irr. (bu/*acre*)	Springfield Irr. (bu/*acre*)	Springfield Non-Irr. (bu/*acre*)	Spring Hill Non-Irr. (bu/*acre*)	Milan Irr. (bu/*acre*)	Milan Non-Irr. (bu/*acre*)	Jackson Irr. (bu/*acre*)	Memphis Irr. (bu/*acre*)
Progeny 8116 SS*	RR, LL	SS	166 A	189 A	207 AB	143 A	179 A	35 A	220 A	134 AB	203 A	138 C-I
Dyna-Gro D54VC14	RR	VT2P	164 A	197 A	203 A-C	146 A	178 A	13 A	220 A	142 A	214 A	164 AB
Augusta A7268 VT2Pro	RR	VT2P	164 A	212 A	214 AB	166 A	159 A	15 A	223 A	111 A-E	218 A	155 A-E
Innvictis A1462	RR	VT2P	163 A	208 A	213 AB	143 A	166 A	24 A	244 A	96 A-F	206 A	164 AB
Revere 1627 TC	RR	TRE	160 A	207 A	212 AB	157 A	175 A	20 A	233 A	93 A-G	227 A	117 H-J
Dekalb DKC65-99**	RR	TRE	159 A	194 A	211 AB	131 A	151 A	16 A	240 A	121 A-C	233 A	137 D-I
Dyna-Gro D55VC80	RR	VT2P	159 A	170 A	202 A-C	166 A	195 A	18 A	228 A	80 B-G	221 A	150 A-F
LG Seeds 66C06	RR	VT2P	159 A	174 A	190 BC	135 A	182 A	16 A	224 A	131 AB	224 A	146 B-G
Dekalb DKC66-18	RR	VT2P	159 A	211 A	210 AB	153 A	175 A	17 A	234 A	84 A-G	208 A	163 A-C
Innvictis A1551 VT2P	RR	VT2P	158 A	177 A	193 BC	146 A	191 A	9 A	231 A	126 A-C	216 A	133 E-I
LG Seeds LG66C44 VT2Pro**	RR	VT2P	158 A	204 A	214 AB	155 A	161 A	36 A	230 A	72 C-G	193 A	155 A-E
Progeny 9114 VT2P*	RR	VT2P	157 A	191 A	204 AB	115 A	144 A	14 A	250 A	123 A-C	224 A	149 A-G
Dekalb DKC65-95**	RR	VT2P	157 A	189 A	191 BC	134 A	162 A	36 A	234 A	102 A-E	227 A	139 B-H
AgriGold A645-16 VT2RIB***	RR	VT2P	157 A	190 A	228 A	137 A	145 A	33 A	216 A	91 A-G	240 A	129 F-I
Innvictis A1689	RR	TRE	157 A	201 A	228 A	133 A	168 A	9 A	225 A	87 B-G	211 A	146 B-G
Augusta A7168 VT2Pro	RR	VT2P	156 A	180 A	195 A-C	152 A	182 A	12 A	212 A	125 A-C	221 A	124 G-J
Innvictis A1457 VT2P	RR	VT2P	156 A	197 A	188 BC	171 A	154 A	17 A	190 A	101 A-E	220 A	161 A-D
Revere ZS1525 3220A	RR, LL	3220A	155 A	203 A	169 CD	127 A	164 A	31 A	208 A	101 A-E	232 A	155 A-E
Dyna-Gro D54VC34**	RR	VT2P	154 A	190 A	198 A-C	155 A	177 A	22 A	210 A	40 G	223 A	173 A
AgriGold A646-30 VT2Pro	RR	VT2P	153 A	182 A	182 B-D	165 A	186 A	29 A	211 A	64 D-G	221 A	132 E-I
Progeny 2215 VTRE	RR	TRE	150 A	200 A	210 AB	136 A	132 A	32 A	198 A	115 A-D	213 A	114 IJ
Progeny 2216 VT2P	RR	VT2P	148 A	184 A	151 D	169 A	180 A	23 A	213 A	59 E-G	228 A	159 A-D
Spectrum 6416	None	None	147 A	211 A	195 A-C	131 A	165 A	21 A	206 A	46 FG	209 A	137 D-I
Progeny 2015 VT2P	RR	VT2P	143 A	203 A	187 BC	131 A	115 A	17 A	204 A	106 A-E	223 A	102 J
Average			**157**	**194**	**200**	**146**	**166**	**21**	**221**	**98**	**219**	**143**
Standard Error			**22**	**11**	**15**	**18**	**26**	**8**	**16**	**19**	**10**	**9**
L.S.D.$_{.05}$			**N.S.**	**N.S.**	**34**	**N.S.**	**N.S.**	**N.S.**	**N.S.**	**54**	**N.S.**	**25**
C.V.			**17**	**9**	**10**	**17**	**25**	**56**	**13**	**34**	**7**	**11**

† Hybrids that have any MS letter in common are not significantly different in yield 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.
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.

Table 10. Yields of 17 medium-season (114-116 DAP) Roundup / stacked corn hybrids in 17 County Standard Tests in Tennessee.‡

MS† Avg. Yield	Hybrid*	Avg. Yield§ (bu/*acre*)	Avg. Moisture (%)	Avg. Test Weight (lbs/bu)	Bra1	Bra2	Carr	Croc	Deca	Gibs	Gile	Harde	Hayw	HenB	HenT	Jeff	Loud	Madi	Obio	Warr	Weak
					5/3	4/25	5/19	5/17	5/9	4/22	4/28	4/29	5/2	4/28	5/10	4/30	5/2	4/29	5/10	5/5	4/30
A	DeKalb 65-95 VT2P*	**179**	15.1	59.8	124	201	153	198	189	162	144	144	218	**251**	207	249	217	100	162'	180	150
A	DeKalb 65-99 Tre**	177	15.1	59.8	108	189	166	182	**214**	**173**	185	114	210	229	**218**	237	211	77	149	186	**157**
AB	AgriGold A645-16 VT2RIB*	175	15.2	59.7	**147**	190	160	135	194	158	194	134'	230	234	187	**250**	219	64	158	198'	114
AB	LG Seeds 66C44 VT2P*	174	15.1	59.7	140	196	177	200	189	163	139	131	**233**	230	179	244	216	84	153	171	118
AB	Croplan CP5497 VT2P*	174	15.0	60.2	128	174	**178**	193	199	169	**198**	**162**	209	233	192	228	**227**	58	133	175	110
ABC	Revere 1577 VT2P*	171	14.9	60.3	65	210	160	178	213	170	196	155	209	226	141	234	212	76	154	178	127
ABC	Dyna-Gro D54VC14*	168	14.9	59.6	103	**214**	165	141	192	160	187	100	205	239	181	230	213	48	152	199	130
ABC	DeKalb 66-18 VT2P**	167	15.0	60.2	89	179	104	186	168	164	183	125	211	223	172	235	209	98	152	192	142
ABC	Dyna-Gro D54VC34	167	15.2	59.7	132	182	142	**200**	212	168	123	142	212	223	133	222	225	96	161	205	100
ABC	Beck's 6414 VT2P*	166	14.8	60.7	135	195	154	128	190	167	150	145	195	224	164	222	213	103	139	202	115
ABC	Dyna-Gro D55VC80	165	15.8	59.8	102	196	70	144	212	157	162	136	219	231	200	236	219	**103**	**166**	184	107
BCD	Progeny 9114 VT2P	163	15.0	59.4	98	201	143	122	195	154	155'	111	201	219	188	231	209	54	150	196	131
CD	Croplan CP5550 VT2P	160	15.3	59.0	80	179	114	160	193	145	138	110	216	227	187	222	195	82	153	182	139
DE	AgriGold A6659 VT2RIB	151	15.2	60.1	103	187	97	162	187'	144	120	114	215	232	153	232	211	69	137'	174'	71
DE	LG Seeds 66C28-3110	150	15.6	59.8	91	197	107	150	208	148	183	91	200	199	117	207	200	79	144	200	94
DE	Revere 1678 VT2P	149	15.7	59.1	140	182	84	128	197	146	120	119	204	205	178	224	191	36	136	170	124
E	NK 1460-5222	145	15.2	58.5	53	177	130	111	168	147	114	135	202	226	152'	194	200	78	127	193	81
	Average	**164**	**15.2**	**59.7**	**108**	**191**	**136**	**160**	**196**	**159**	**159**	**127**	**211**	**226**	**175**	**229**	**211**	**77**	**148**	**188**	**118**

‡ Data Provided by Ryan Blair, Ext. Area Specialist, Grain and Cotton Variety Testing, and Extension agents in counties shown above.
† Hybrids that have any MS letter in common are not significantly different in yield at the 5% level of probability.
* Asterisks after a hybrid name indicate the number of preceding consecutive years in the top-performing "A" group.
§ All yields are adjusted to 15.5% moisture.
Highlighted cells indicate hybrids that were above average and bold/underline values indicate the top yield, within a location.
County locations include: Bradley (2 locs), Carroll, Crockett, Decatur, Gibson, Giles, Hardeman, Haywood, Henry (2 locs), Jefferson, Loudon, Madison, Obion, and Weakley.

Table 13. Mean yields across and by location of 15 full-season (>116 DAP) corn hybrids evaluated in replicated small plot trials at eight AgResearch and Education Center locations in Tennessee during 2022. Analysis included hybrid performance across a 1 yr (2022), 2 yr (2021-2022), and 3 yr (2020-2022) period.

Hybrid†	Herbicide Pkg‡	Insect Pkg.‡		Avg. Yield§ (bu/*acre*)	Knoxville Irr. (*bu/acre*)	Greeneville Non-Irr. (bu/*acre*)	Springfield Irr. (bu/*acre*)	Springfield Non-Irr. (bu/*acre*)	Spring Hill Non-Irr. (bu/*acre*)	Milan Irr. (bu/*acre*)	Milan Non-Irr. (bu/*acre*)	Jackson Irr. (bu/*acre*)
				1 yr	1 yr	1 yr	1 yr	1 yr	1 yr	1 yr	1 yr	1 yr
Revere 1898 TC	RR	TRE	C20047	168 A	204 A	236 A	145 A	202 A	17 A	227 A	96 A	216 A
Progeny 9117 VT2P****	RR	VT2P	C18015	163 A	213 A	213 AB	153 A	186 A	10 A	218 A	97 A	214 A
Dekalb DKC69-99*	RR	TRE	C21006	162 A	200 A	215 AB	142 A	157 A	16 A	243 A	118 A	207 A
AgriGold A647-79 VT2Pro	RR	VT2P	C22005	161 A	202 A	210 AB	150 A	147 A	23 A	219 A	114 A	224 A
Revere 1707 VT2P**	RR	VT2P	C20030	160 A	204 A	213 AB	127 A	153 A	11 A	248 A	101 A	221 A
AgriGold A650-21 VT2Pro	RR	VT2P	C22006	160 A	202 A	167 D	159 A	196 A	11 A	223 A	98 A	220 A
Dyna-Gro D57TC29*	RR	TRE	C21023	159 A	195 A	235 A	117 A	176 A	12 A	215 A	95 A	223 A
Dekalb DKC67-44******	RR	VT2P	C16044	157 A	196 A	202 A-C	140 A	161 A	10 A	238 A	100 A	210 A
NK Seeds NK1838 3110	RR	3110	C22026	157 A	213 A	171 CD	165 A	211 A	10 A	228 A	47 A	211 A
LG Seeds LG67C07 VT2Pro	RR	VT2P	C22022	156 A	196 A	213 AB	134 A	172 A	9 A	239 A	65 A	217 A
Dyna-Gro D57VC53	RR	VT2P	C22013	155 A	183 A	191 B-D	146 A	186 A	12 A	233 A	85 A	209 A
Dekalb DKC68-69****	RR	VT2P	C18020	155 A	205 A	205 A-C	148 A	158 A	21 A	219 A	68 A	217 A
LG Seeds 69C03 VT2P	RR	VT2P	C22019	152 A	193 A	174 CD	150 A	179 A	12 A	221 A	76 A	212 A
Progeny 2118 VT2P	RR	VT2P	C21015	151 A	179 A	195 B-D	153 A	184 A	15 A	224 A	62 A	199 A
Dekalb DKC67-94*	RR, LL	TRE	C21005	149 A	194 A	222 AB	105 A	182 A	10 A	237 A	32 A	207 A
Average				158	199	204	142	177	13	229	84	214
Standard Error				27	7	13	18	29	3	16	24	10
L.S.D.$_{.05}$				N.S.	N.S.	34	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
C.V.				16	6	10	15	21	44	9	51	8

† Hybrids that have any MS letter in common are not significantly different in yield 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.
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.

Table 14. Yields of 14 full-season (>116 DAP) Roundup / stacked corn hybrids in 13 County Standard Tests in Tennessee during 2022.‡

MS† Avg. Yield	Hybrid*	Avg. Yield§ (bu/*acre*)	Avg. Moisture (%)	Avg. Test Weight (lbs/bu)	Brad	Carr	Croc	Deca	Gibs	Hayw	Hend	HenB	HenT	LouW	LouR	Madi	Rhea	Tipt
					4/25	5/16	5/17	5/16	4/22	5/2	5/18	4/28	5/10	5/2	5/2	5/4	5/2	5/11
A	DeKalb 69-99 Tre	**170**	14.4	61.8	179	**163**	162	106	165	**233**	195	**250**	167	**181**	**219**	53	153	159
AB	Revere 1898 TC	160	14.2	61.3	164	130	140	107	155	212	177	246	145	153	213	69	**173**	150
AB	Progeny 2118 VT2P*	160	14.9	61.0	186	157	**169**	100	169	230	187	230	146	150	208	40	114	146
ABC	DeKalb 67-94 Tre*	158	14.8	60.4	**200**	153	122	97	157	214	188	232	124	143	213	54	162	155
BC	DeKalb 67-44 VT2P	156	14.3	60.7	191	151'	134	**107**	132	215'	149	240	**177**	145	219	50	155	121
BC	AgriGold A647-42 TRC	156	14.4	59.8	170	151'	149	80	**169**	218	205	231	112	104	207	**74**	137	**177**
BC	Dyna-Gro D57TC29	155	14.6	59.9	192	144	137	74	165	213	**206**	223	84	142	211	52	150	176
BC	Revere 1707 VT2P	155	14.7	61.2	179	156	154	85	140	210	169	246	152	149	209	46	151	117
BCD	Dyna-Gro D57VC53	146	15.1	60.4	156	150	86	88	164	207	153	234	149	153	212	48	141	112
CDE	Beck's 6803 V2P	145	14.8	62.2	178	136	78	85	167	208	168	231	124	140	203	51	134	132
DE	Progeny 9117 VT2P	141	14.9	60.5	160	149	64	77	161	197	147	233	113	134	203	49	130	153
DE	Croplan 5678 VT2P	140	14.8	60.2	167	126	90	72	163	189	167	236	74	139	202	41	157	138
DE	Beck's 6743 AML	139	14.9	60.3	179	135'	66	49	150	203	165	229	72	135	214	44	151	156
E	NK 1677-3110	132	14.6	60.3	180	144	84	40	155	166	132	215	59	141	193	34	146	160
	Average	**151**	**14.7**	**60.7**	**177**	**146**	**117**	**83**	**158**	**208**	**172**	**234**	**121**	**143**	**209**	**50**	**146**	**147**

‡ Data Provided by Ryan Blair, Ext. Area Specialist, Grain and Cotton Variety Testing, and Extension agents in counties shown above.
† Hybrids that have any MS letter in common are not significantly different in yield at the 5% level of probability.
* Asterisks after a hybrid name indicate the number of preceding consecutive years in the top-performing "A" group.
§ All yields are adjusted to 15.5% moisture.
Highlighted cells indicate hybrids that were above average and bold/underline values indicate the top yield, within a location.
County locations include: Bradley, Carroll, Crockett, Decatur, Gibson, Haywood, Henderson, Henry (2 locs), Loudon (2 locs), Madison, and Tipton.

Table 16. Characteristics, as described by the seed company, of corn hybrids evaluated in yield tests in Tennessee during 2022.

Hybrid	Herb. Pkg.§	Insect Pkg.§	Refuge	Released or Exp.	Maturity	Test	Seed Treatment
AgriGold A641-85 TRCRIB	RR	TRE	Y	R	111	Early Corn	Poncho 500 + Votivo
AgriGold A643-52 VT2RIB	RR	VT2P	Y	R	113	Early Corn	Poncho 500 + Votivo
AgriGold A645-16 VT2RIB***	RR	VT2P	Y	R	115	Med Corn	Poncho 500 + Votivo
AgriGold A646-30 VT2Pro	RR	VT2P	N	R	116	Med Corn	Poncho 500 + Votivo
AgriGold A647-79 VT2Pro	RR	VT2P	N	R	117	Full Corn	Poncho 500 + Votivo
AgriGold A650-21 VT2Pro	RR	VT2P	N	R	120	Full Corn	Poncho 500 + Votivo
Augusta A7168 VT2Pro	RR	VT2P	N	R	116	Med Corn	C250
Augusta A7268 VT2Pro	RR	VT2P	N	R	116	Med Corn	C250
Dekalb DKC59-82	RR	VT2P	N	R	109	Early Corn	PV1250 + B360 + EDC
Dekalb DKC62-70	RR	VT2P	N	R	112	Early Corn	PV1250 + B360 + EDC
Dekalb DKC62-89	RR	TRE	N	R	112	Early Corn	PV1250 + B360 + EDC
Dekalb DKC65-95**	RR	VT2P	N	R	115	Med Corn	PV1250 + B360 + EDC
Dekalb DKC65-99**	RR	TRE	N	R	115	Med Corn	PV1250 + B360 + EDC
Dekalb DKC66-18	RR	VT2P	N	R	116	Med Corn	PV1250 + B360 + EDC
Dekalb DKC67-44******	RR	VT2P	N	R	117	Full Corn	PV1250 + B360 + EDC
Dekalb DKC67-94*	RR, LL	TRE	N	R	117	Full Corn	PV1250 + B360 + EDC
Dekalb DKC68-69****	RR	VT2P	N	R	118	Full Corn	PV1250 + B360 + EDC
Dekalb DKC69-99*	RR	TRE	N	R	119	Full Corn	PV1250 + B360 + EDC
Dyna-Gro D50VC09	RR	VT2P	N	R	110	Early Corn	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC
Dyna-Gro D52DC82	RR	VT2P	N	R	112	Early Corn	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC
Dyna-Gro D52VC63	RR	VT2P	N	R	112	Early Corn	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC
Dyna-Gro D53TC23	RR	TRE	N	R	113	Early Corn	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC
Dyna-Gro D54VC14	RR	VT2P	N	R	114	Med Corn	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC
Dyna-Gro D54VC34**	RR	VT2P	N	R	114	Med Corn	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC
Dyna-Gro D55VC80	RR	VT2P	N	R	115	Med Corn	Poncho 250
Dyna-Gro D57TC29*	RR	TRE	N	R	117	Full Corn	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC
Dyna-Gro D57VC53	RR	VT2P	N	R	117	Full Corn	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC
Innvictis A1457 VT2P	RR	VT2P	N	R	114	Med Corn	Standard P250
Innvictis A1462	RR	VT2P	Y	R	114	Med Corn	
Innvictis A1551 VT2P	RR	VT2P	N	R	115	Med Corn	Standard P250
Innvictis A1689	RR	TRE	N	R	116	Med Corn	
LG Seeds 66C06	RR	VT2P	N	R	116	Med Corn	
LG Seeds 69C03 VT2P	RR	VT2P	N	R	117	Full Corn	AgriShield Max
LG Seeds LG66C44 VT2Pro**	RR	VT2P	N	R	116	Med Corn	AgriShield Max
LG Seeds LG67C07 VT2Pro	RR	VT2P	N	R	117	Full Corn	AgriShield Max
NK Seeds NK1838 3110	RR	3110	N	R	118	Full Corn	Cruiser maxx
Progeny 2008 VT2P	RR	VT2P	N	R	108	Early Corn	PV500+EDC+B360
Progeny 2012 VT2P	RR	VT2P	N	R	112	Early Corn	PV1250+EDC+B360
Progeny 2015 VT2P	RR	VT2P	N	R	115	Med Corn	PV1250+EDC+B360
Progeny 2118 VT2P	RR	VT2P	N	R	118	Full Corn	PV1250+EDC+B360
Progeny 2215 VTRE	RR	TRE	N	R	115	Med Corn	PV1250+EDC+B360
Progeny 2216 VT2P	RR	VT2P	N	R	116	Med Corn	PV1250+EDC+B360
Progeny 8116 SS*	RR, LL	SS	N	R	116	Med Corn	PV 1250, EDC
Progeny 9114 VT2P*	RR	VT2P	N	R	114	Med Corn	PV1250+EDC+B360
Progeny 9117 VT2P****	RR	VT2P	N	R	117	Full Corn	PV 1250, EDC
Progeny 1912 VT2P	RR	VT2P	N	E	112	Early Corn	PV500+EDC+B360
Revere 0918 VT2P	RR	VT2P	N	R	109	Early Corn	Radius 500
Revere 1307 TC	RR	TRE	N	R	113	Early Corn	Radius 500
Revere 1398 VT2P	RR	VT2P	N	R	113	Early Corn	Radius 500
Revere 1627 TC	RR	TRE	N	R	116	Med Corn	Radius 500
Revere 1707 VT2P**	RR	VT2P	N	R	117	Full Corn	Radius 500
Revere 1898 TC	RR	TRE	N	R	118	Full Corn	Radius 500
Revere ZS1525 3220A	RR, LL	3220A	N	R	115	Med Corn	Radius 500

Table 16. cont.

Hybrid	Herb. Pkg.§	Insect Pkg.§	Refuge	Released or Exp.	Maturity	Test	Seed Treatment
Spectrum 6228	None	None	N	R	112	Early Corn	
Spectrum 6416	None	None	N	R	114	Med Corn	
Warren Seed DS 4878*	RR, LL	HX1,YGCB	Y	R	108	Early Corn	Poncho 1250/Votivo,Maxim Quarttro
Warren Seed DS 5018**	RR, LL	HX1,YGCB	Y	R	110	Early Corn	Poncho 1250/Votivo,Maxim Quarttro
Warren Seed DS 5095	RR, LL	HX1,YGCB	Y	R	110	Early Corn	Poncho 1250/Votivo,Maxim Quarttro
Warren Seed DS 5250*	RR, LL	HX1,YGCB	Y	R	112	Early Corn	Poncho 1250/Votivo,Maxim Quarttro
Warren Seed DS 5383	RR, LL	HX1,YGCB	Y	R	113	Early Corn	Poncho 1250/Votivo,Maxim Quarttro

* Asterisks after a hybrid name indicate the number of preceding consecutive years in the top-performing "A" group.

Table 17. Contact information for corn hybrid seed companies evaluated in yield tests in Tennessee during 2022.

Company	Contact	Phone	Email	Web site
Agrigold Hybrids	John Brien	419-674-3771	john.brien@agrigold.com	www.agrigold.com
Augusta Seed Corporation	Matt Rawley	540-886-6055	matt.rawley@augustaseed.com	www.augustaseed.com
Bayer Crop Science	James Griffin	731-413-9825	james.griffin1@bayer.com	www.dekalb.com
Dyna-Gro Seed / Nutrien Ag Solutions	Matthew Garber	937-459-2529	matthew.garber@nutrien.com	www.dynagroseed.com
Erwin/Keith-Progeny	Brian Murray	870-208-4428	bmurray@progenyag.com	www.progenyag.com/
Innvictis Seed Solutions	Max Crittenden	254-652-0032	max.crittenden@innvictis.com	www.innvictis.com
LG Seeds	Dan Mitchell	812-457-3132	dan.mitchell@lgseeds.com	www.lgseeds.com
NK Brand (Syngenta)	Brad McAlpin	870-227-0524	bradmcalpin@syngenta.com	www.syngenta-us.com/seeds/nk
Revere Seed	Doug Messersmith	570-753-5503	doug.messersmith@revereseed.com	www.revereseed.com
Spectrum Ag Holdings LLC	Jeff Linn	866-400-9468	jeff.linn@spectrumseed.com	
Warren Seed and Agronomy Service LLC	Lanny Warren	731-234-2921	lanny.warren@charter.net	

Table 18. Abbreviations used to identify biotech traits of corn grain hybrids evaluated in Tennessee during 2022.

Abbreviation	Name	Characteristic
LL	LibertyLink	Glufosinate tolerance.
RR, RR2, GT	Roundup Ready, Roundup Ready 2	Glyphosate tolerance.
3000GT	Agrisure 3000GT	Protection from corn earworm, European corn borer, sugarcane borer, southwestern corn borer, corn rootworm. Glyphosate and glufosinate tolerance.
D2	Agrisure Duracade 5222 E-Z	Protection from black cutworm, corn earworm, European corn borer, fall armyworm, stalk borer, sugarcane borer, southwestern corn borer, true armyworm, western bean cutworm, corn rootworm. Glyphosate tolerance. Glufosinate tolerance (EZ1=yes, EZ0=no)
HX1	DowAgrosciences Pioneer Hi-Bred Herculex I	Protection from western bean cutworm, corn borer, black cutworm and fall armyworm resistance. Glyphosate and glufosinate tolerance.
SS	Monsanto Genuity SmartStax DowAgrosciences SmartStax	Protection from black cutworm, corn earworm, European corn borer, fall armyworm, stalk borer, Sugarcane borer, Southwestern corn borer, corn rootworm. Glyphosate and glufosinate tolerance.
TRE	Trecepta	Protection from black cutworm, corn earworm, European corn borer, fall armyworm, stalk borer, sugarcane borer, southwestern corn borer, true armyworm, western bean cutworm. Glyphosate tolerance.
VR	Agrisure Viptera 3110	Protection from black cutworm, corn earworm, European corn borer, fall armyworm, stalk borer, sugarcane borer, southwestern corn borer, true armyworm, western bean cutworm. Glyphosate tolerance and glufosinate tolerance.
VT2P	Monsanto Genuity VT Double PRO	Protection from corn earworm, European corn borer, fall armyworm, stalk borer, sugarcane borer, southwestern corn borer. Glyphosate tolerance.
VZ	Agrisure Viptera 3220 E-Z	Protection from black cutworm, corn earworm, European corn borer, fall armyworm, stalk borer, sugarcane borer, southwestern corn borer, true armyworm, western bean cutworm. Glyphosate tolerance. Glufosinate tolerance (EZ1=yes, EZ0=no).
YGCB	Monsanto YieldGard Corn Borer	Protection from European and Southwestern Corn Borers, Sugarcane Borer and Southern Cornstalk Borer.