

Test by: Agri Seed Research, LLC Louisburg, KS

2023 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] BUCYRUS, KS
Bruce Betts, Miami County, KS 66013

Early-Season Test	107 - 112 Day CRM B2023KSNE02a
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate, Sencor, Dual
SOIL DESCRIPTION:	Grundy silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, high P, low K, 7.6 pH, 3.5% OM, 19.5 CEC
PEST MANAGEMENT:	Glyphosate, Sharpen, Mesotrione, Fulltime Nxt
FERTILITY - Applied N:	155 Spring
Applied N-P-K (units):	155-45-50
SEEDED - RATE - ROW:	May 2 30.2 /A 30" spacing
HARVESTED - STAND:	Nov 8 27.9 /A

TEST COMMENTS:

This site was planted into a clean seedbed, and there was just enough moisture to get the corn out of the ground. May and June were warmer than normal, with this site missing many of the spotty showers in the area. Despite the dry weather the corn continued to grow slowly. Early July brought some showers at a much-needed time. August was hot but a couple of pop-up showers hit this site. Corn was standing well at harvest. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Augusta	A1060-3330A-EZ ↗	VZ	110	165.8	15.5	0	28.2	743	1
DeKalb	DKC62-70RIB GC ↗	VT2P	112	164.2	15.3	0	27.9	737	2
Renk	RK766SSPRO ↗	STXP	109	157.1	15.1	0	28.2	706	3
DeKalb	DKC59-82RIB GC ↗	VT2P	109	156.6	15.1	0	28.6	704	4
Augusta	A1259-5222 ↗	DV	109	153.3	14.9	0	28.6	690	5
NK Brand	NK0922-V ↗	V	109	152.8	15.6	0	27.6	684	6
Golden Harvest	G09B15-V ↗	V	109	151.8	15.1	0	27.2	682	7
Taylor	8824 VT2P GC ↗	VT2P	113	151.0	15.2	0	27.6	678	8
NK Brand	NK1082-DV ↗	DV	110	150.8	15.1	0	27.2	678	9
Mustang	429PR RIB ↗	VT2P	110	150.0	15.3	0	27.9	673	10
Renk	RK773TRE ↗	TRE	109	147.3	14.2	0	27.6	663	12
Augusta	A4961-DV GC ↗	DV	111	144.9	15.2	0	28.9	651	13
Rob-See-Co	RC6232-DGVT2P ↗	VT2PDG	112	144.4	14.7	0	28.2	650	14
Pioneer	P09944AM GC ↗	AM	109	143.8	15.2	0	27.2	646	15
Pioneer	P12904AML GC ↗	AML	112	140.5	15.0	0	28.6	632	16
Dyna-Gro	D50VC09RIB ↗	VT2P	110	137.7	15.4	0	26.9	618	17
Mustang	570PR RIB ↗	VT2P	112	137.6	15.3	0	27.9	617	18
Rob-See-Co	RC6131-TRE ↗	TRE	111	137.1	15.0	0	27.9	617	19
Renk	RK811PWE ↗	PCE	111	134.3	15.4	0	27.6	602	20
Golden Harvest	G11V76-AA ↗	AA	111	131.7	15.0	0	28.6	593	21
Mustang	63A06 GC ↗	TRE	106	130.9	15.6	0	28.2	586	22
Dyna-Gro	D49VC53RIB ↗	VT2P	109	129.7	15.7	0	28.6	580	23
Taylor	6010 TRE ↗	TRE	110	129.4	15.6	0	27.9	579	28
Pioneer	P1164AM GC ↗	AM	111	129.4	15.4	0	27.2	580	24
Taylor	6012 TRE ↗	TRE	111	129.3	15.5	0	27.2	579	29
DeKalb	DKC111-35RIB GC ↗	VT2P	111	129.2	15.3	0	27.9	580	25
Pioneer	P1027AM GC ↗	AM	110	129.2	15.3	0	26.9	580	26
Taylor	EXP D-112-23 ↗	PCE	112	129.0	15.0	0	28.9	580	27
Mustang	82308 GC ↗	VT2P	108	127.6	15.7	0	29.2	571	30
Augusta	A1059-DV GC ↗	DV	109	122.0	15.3	0	27.9	548	31
PIONEER	P0995AM CK	AM,AQ	109	147.7	14.6	0	27.2	665	11



Adam Stuteville

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Averages = **140.8** **15.2** **27.9** **632**

LSD (0.10) = 9.3 0.2 ns

LSD (0.25) = 4.9 0.1 ns

C.V. = 6.3

Historic yield: 171.95 bu/a, 9 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.50

Report Date: 11/09/2023

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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2023 Corn Grain Top 30 Harvest Report

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Bruce Betts, Miami County, KS 66013

Full-Season Test	113 - 117 Day CRM B2023KSNE02b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate, Sencor, Dual
SOIL DESCRIPTION:	Grundy silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, high P, low K, 7.6 pH, 3.5% OM, 19.5 CEC
PEST MANAGEMENT:	Glyphosate, Sharpen, Mesotrione, Fulltime Nxt
FERTILITY - Applied N:	155 Spring
Applied N-P-K (units):	155-45-50
SEEDED - RATE - ROW:	May 2 30.2 /A 30" spacing
HARVESTED - STAND:	Nov 8 28.1 /A

TEST COMMENTS:

This site was planted into a clean seedbed, and there was just enough moisture to get the corn out of the ground. May and June were warmer than normal, with this site missing many of the spotty showers in the area. Despite the dry weather the corn continued to grow slowly. Early July brought some showers at a much-needed time. August was hot but a couple of pop-up showers hit this site. Corn was standing well at harvest. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	EXP C-115-23 GC ↗	VT2P	115	167.7	15.7	0	27.6	750	1
Augusta	A5065-3111 ↗	3111	115	165.6	15.6	0	28.2	741	2
Lewis	15DT512 ↗	TRE	115	164.0	15.4	0	27.2	735	3
Pioneer	P14830AML GC ↗	AML	114	161.3	15.4	0	28.6	723	4
Mustang	662TRE RIB ↗	TRE	113	160.9	15.5	0	27.6	721	5
Mustang	83A15 ↗	TRE	115	152.0	15.6	0	28.2	680	6
Taylor	5516 SS ↗	STX	116	150.7	15.5	0	27.6	675	7
Dyna-Gro	D56TC44RIB ↗	TRE	116	148.1	15.4	0	28.6	664	8
Renk	RK958VT2P ↗	VT2P	115	146.1	16.1	0	28.2	651	9
Lewis	17DP651 ↗	VT2P	117	144.9	15.6	0	27.9	648	11
Renk	RK876VT2P ↗	VT2P	113	144.5	15.2	0	28.2	649	10
Dyna-Gro	D53VC54RIB ↗	VT2P	113	142.9	15.1	0	27.2	643	13
Taylor	6015 TRE ↗	TRE	115	142.0	15.3	0	28.6	637	14
Lewis	14DT603 ↗	TRE	114	140.9	15.0	0	28.9	634	15
Pioneer	P1359AM GC ↗	AM	113	140.6	15.2	0	27.6	632	16
Taylor	6017 TRE ↗	TRE	117	139.0	15.4	0	28.2	623	17
Augusta	A4565-V ↗	V	115	131.3	15.2	0	28.6	590	18
Golden Harvest	G17B31-V ↗	V	117	131.0	15.7	0	28.2	586	19
DeKalb	DKC66-06RIB GC ↗	TRE	116	130.4	15.4	0	27.9	585	20
Mustang	97113 ↗	VT2PDG	113	129.1	15.7	0	28.2	577	24
Mustang	801PR RIB ↗	VT2P	117	129.0	14.5	0	26.6	580	21
Rob-See-Co	RC6411-VT2P ↗	VT2P	114	128.9	15.4	0	28.2	578	22
Renk	RK895DGV2P ↗	VT2PDG	113	128.7	15.3	0	28.2	578	23
Pioneer	P13050AM GC ↗	AM	113	127.8	14.9	0	27.6	575	25
Renk	RK915VT2P ↗	VT2P	115	123.0	15.3	0	27.9	552	26
DeKalb	DKC64-22RIB GC ↗	VT2P	114	118.8	15.4	0	29.6	533	27
Lewis	15DP899 ↗	VT2P	115	117.5	15.0	0	26.9	529	28
Golden Harvest	G17A81-V ↗	V	117	116.1	15.2	0	29.2	522	29
Renk	RK940SSTX ↗	STX	115	113.6	15.6	0	28.6	508	30
NK Brand	NK1701-V ↗	V	117	111.3	14.6	0	29.2	501	31
PIONEER	P0995AM CK	AM,AQ	109	144.2	15.4	0	28.2	647	12

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Averages = **137.6** **15.3** **28.1** **617**

LSD (0.10) = 9.4 0.2 ns

LSD (0.25) = 4.9 0.1 ns

C.V. = 6.5 Historic yield: 171.95 bu/a, 9 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.50

Report Date: 11/09/2023

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

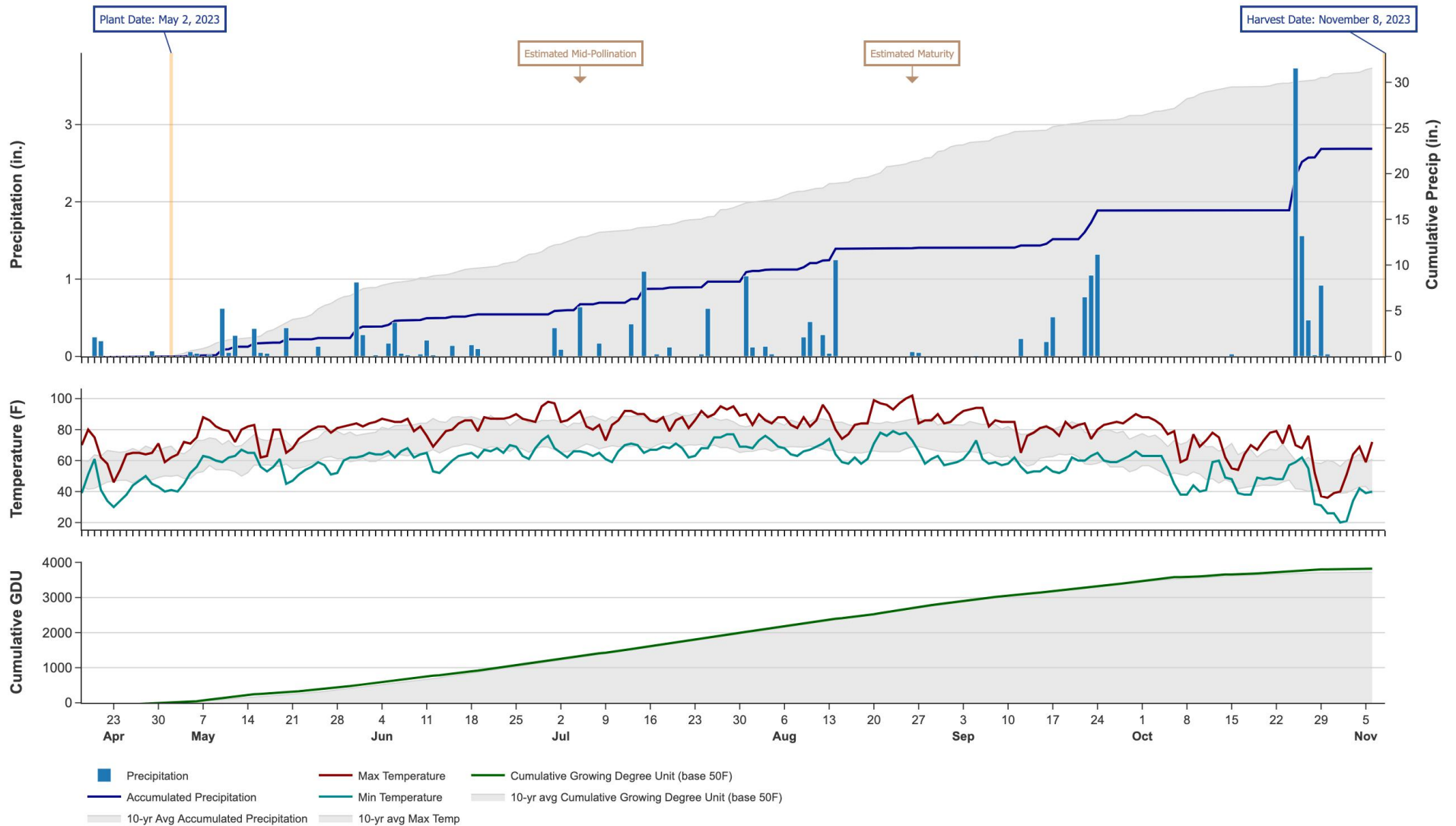
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2023 Corn - Kansas Northeast [KSNE]

Weather Conditions Summary at BUCYRUS, KS

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	0.5 2.5 (-2.0)	3.0 7.5 (-4.5)	1.6 4.9 (-3.2)	4.6 4.9 (-0.2)	2.7 5.7 (-3.1)	4.1 3.8 (+0.2)	6.8 4.6 (+2.2)	0.0 0.6 (-0.6)	23.2 34.5 (-11.2)
GDU Avg (Diff)	96 98 (-2)	504 439 (+64)	714 750 (-36)	809 838 (-29)	806 803 (+3)	625 623 (+1)	347 271 (+75)	20 17 (+2)	3921 3842 (+78)



* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

2023 Corn - Kansas Northeast [KSNE]

Early-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1059-DV GC	DV	N	109	CM,C2
Augusta	A1060-3330A-EZ	VZ	Y	110	CM,C2
Augusta	A1259-5222	DV	Y*	109	CM,C2
Augusta	A4961-DV GC	DV	N*	111	CM,C2
DeKalb	DKC111-35RIB GC	VT2P	Y*	111	AC,P5V,EDC-EL
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5V,EDC-EL
DeKalb	DKC62-70RIB GC	VT2P	Y	112	AC,P5V,EDC-EL
Dyna-Gro	D49VC53RIB	VT2P	Y*	109	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
Golden Harvest	G09B15-V	V	Y	109	CM,C5,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Lewis	12DT302	TRE	Y	112	AC,P5,B360
Mustang	429PR RIB	VT2P	Y	110	Edge 500
Mustang	570PR RIB	VT2P	Y	112	Edge 500
Mustang	63A06 GC	TRE	Y*	106	Edge 500
Mustang	82308 GC	VT2P	Y*	108	Edge 500
NK Brand	NK0922-V	V	Y	109	CM,C5,Va
NK Brand	NK1082-DV	DV	Y	110	AC,P5
Pioneer	P09944AM GC	AM	Y*	109	Lum, L1
Pioneer	P0995AM CK	AM,AQ	N*	109	Lum
Pioneer	P1027AM GC	AM	Y	110	Lum, L1
Pioneer	P1164AM GC	AM	Y	111	Lum, L1
Pioneer	P12904AML GC	AML	Y	112	Lum, L1
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Rob-See-Co	RC6131-TRE	TRE	Y	111	CM,C2,Vi,Va
Rob-See-Co	RC6232-DGVT2P	VT2PDG	Y	112	AC250
Taylor	6010 TRE	TRE	Y	110	CM,C2
Taylor	6012 TRE	TRE	N	111	CM,C2
Taylor	8824 VT2P GC	VT2P	N*	113	CM,C2
Taylor	EXP D-112-23	PCE	N	112	CM,C2

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2023 Corn - Kansas Northeast [KSNE]

Full-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A4565-V	V	Y*	115	CM,C2
Augusta	A5065-3111	3111	N	115	CM,C2
DeKalb	DKC64-22RIB GC	VT2P	Y	114	AC,P5V,EDC-EL
DeKalb	DKC66-06RIB GC	TRE	Y	116	AC,P5V,EDC-EL
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Dyna-Gro	D56TC44RIB	TRE	Y	116	AC,P5V
Golden Harvest	G17A81-V	V	Y	117	CM,C5,Va
Golden Harvest	G17B31-V	V	Y	117	CM,C5,Va
Lewis	14DT603	TRE	Y	114	AC,P5,B360
Lewis	15DP899	VT2P	Y	115	AC,P5,B360
Lewis	15DT512	TRE	Y	115	AC,P5,B360
Lewis	17DP651	VT2P	Y	117	AC,P5,B360
Mustang	662TRE RIB	TRE	Y	113	Edge 500
Mustang	801PR RIB	VT2P	Y	117	Edge 500
Mustang	83A15	TRE	Y	115	Edge 500
Mustang	97113	VT2PDG	Y	113	Edge 500
NK Brand	NK1701-V	V	Y	117	CM,C5,Va
NK Brand	NK1755-DV	DV	Y	117	AVC,C1,Va
Pioneer	P0995AM CK	AM,AQ	N*	109	Lum
Pioneer	P13050AM GC	AM	Y	113	Lum, L1
Pioneer	P1359AM GC	AM	N*	113	Lum, L1
Pioneer	P14830AML GC	AML	Y	114	Lum, L1
Renk	RK876VT2P	VT2P	N	113	AC,P5V,B300
Renk	RK895DGVVT2P	VT2PDG	N	113	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK940SSTX	STX	N	115	AC,P5V
Renk	RK958VT2P	VT2P	N	115	AC,P2
Rob-See-Co	RC6411-VT2P	VT2P	Y	114	CM,C2,Vi,Va
Taylor	5516 SS	STX	N	116	AC,P2
Taylor	6015 TRE	TRE	N	115	CM,C2
Taylor	6017 TRE	TRE	N	117	CM,C2
Taylor	EXP C-115-23 GC	VT2P	N	115	AC,P2

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

Corn Technologies

3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
AQ	Optimum® AQUAmax®
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments*

NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Edge 500	Midland genetics
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo

* Seed treatments may include unspecified plant health promoting components.