

Test by: Agri Seed Research, LLC Louisburg, KS

2023 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] LOUISBURG, KS
Les Stuteville, Miami County, KS 66013

Early-Season Test	107 - 112 Day CRM B2023KSNE01a
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate, Authority, Cadet
SOIL DESCRIPTION:	Grundy silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, low K, 7.2 pH, 3.2% OM, 19.5 CEC
PEST MANAGEMENT:	Mesotrione, Metolachlor, Atrazine
FERTILITY - Applied N:	165 Spring, Sulfur
Applied N-P-K (units):	165-40-50
SEEDED - RATE - ROW:	Apr 28 30.2 /A 30" spacing
HARVESTED - STAND:	Oct 5 28.3 /A

TEST COMMENTS:

This site was planted into a clean seed bed and had enough moisture to emerge evenly. May and June brought above-average temperatures with very little rainfall. July had some rain showers early in the month. Corn was standing well at harvest with very little disease pressure observed. Ears were girthy but had noticeable tip back throughout the plot. Excellent weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Augusta	A1259-5222 ↗	DV	109	177.5	15.6	0	28.2	795	1
Renk	RK766SSPRO ↗	STXP	109	175.2	15.7	0	28.2	783	2
Lewis	12DT302 ↗	TRE	112	171.2	16.0	0	28.9	764	3
NK Brand	NK1082-DV ↗	DV	110	168.3	15.5	0	28.2	754	4
Pioneer	P09944AM GC ↗	AM	109	163.0	15.3	0	28.2	731	5
Renk	RK773TRE ↗	TRE	109	163.0	16.0	0	27.6	727	6
Augusta	A4961-DV GC ↗	DV	111	162.5	16.3	0	28.9	723	7
Rob-See-Co	RC6131-TRE ↗	TRE	111	159.5	15.6	0	27.6	714	8
DeKalb	DKC59-82RIB GC ↗	VT2P	109	159.4	16.1	0	28.9	710	9
Mustang	429PR RIB ↗	VT2P	110	157.6	15.7	0	28.2	705	10
NK Brand	NK0922-V ↗	V	109	156.2	15.8	0	27.2	698	12
Taylor	6012 TRE ↗	TRE	111	155.6	16.8	0	27.9	689	14
Mustang	570PR RIB ↗	VT2P	112	154.7	15.8	0	28.2	691	13
Taylor	8824 VT2P GC ↗	VT2P	113	154.5	16.1	0	28.6	688	15
Augusta	A1059-DV GC ↗	DV	109	152.9	15.4	0	28.2	685	16
Mustang	63A06 GC ↗	TRE	106	148.6	15.4	0	27.6	666	17
DeKalb	DKC62-70RIB GC ↗	VT2P	112	148.3	16.2	0	28.6	660	18
DeKalb	DKC111-35RIB GC ↗	VT2P	111	147.1	15.4	0	27.6	659	19
Golden Harvest	G11V76-AA ↗	AA	111	146.6	16.0	0	27.9	654	20
Pioneer	P12904AML GC ↗	AML	112	144.4	15.6	4	28.6	646	22
Dyna-Gro	D50VC09RIB ↗	VT2P	110	144.3	15.2	0	27.6	648	21
Rob-See-Co	RC6232-DGVT2P ↗	VT2PDG	112	143.1	16.4	0	28.6	636	24
Mustang	82308 GC ↗	VT2P	108	142.7	15.8	0	28.6	637	23
Taylor	EXP D-112-23 ↗	PC	112	142.4	16.2	0	28.9	634	25
Renk	RK811PWE ↗	PCE	111	140.1	16.2	0	28.6	624	27
Golden Harvest	G09B15-V ↗	V	109	139.8	15.6	0	27.9	626	26
Dyna-Gro	D49VC53RIB ↗	VT2P	109	135.8	15.4	0	28.2	609	28
Taylor	6010 TRE ↗	TRE	110	133.7	16.1	0	29.2	596	29
Pioneer	P1164AM GC ↗	AM	111	132.9	16.2	0	28.9	592	30
Augusta	A1060-3330A-EZ ↗	VZ	110	128.5	16.3	0	28.2	572	31
PIONEER	P0995AM CK	AM,AQ	109	157.3	16.1	0	27.6	701	11
				Averages =	150.8	15.9	0	28.3	673
				LSD (0.10) =	6.4	0.2	1		
				LSD (0.25) =	3.3	0.1	0		
				C.V. =	4.0				
				Historic yield: 143.57 bu/a, 4 yr(s)					

Adam Stuteville

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

Report Date: 10/07/2023

† 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

Kansas Northeast [KSNE] LOUISBURG, KS
Les Stuteville, Miami County, KS 66013

Full-Season Test	113 - 117 Day CRM B2023KSNE01b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate, Authority, Cadet
SOIL DESCRIPTION:	Grundy silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, low K, 7.2 pH, 3.2% OM, 19.5 CEC
PEST MANAGEMENT:	Mesotrione, Metolachlor, Atrazine
FERTILITY - Applied N:	165 Spring, Sulfur
Applied N-P-K (units):	165-40-50
SEEDED - RATE - ROW:	Apr 28 30.2 /A 30" spacing
HARVESTED - STAND:	Oct 5 28.4 /A

TEST COMMENTS:

This site was planted into a clean seed bed and had enough moisture to emerge evenly. May and June brought above-average temperatures with very little rainfall. July had some rain showers early in the month. Corn was standing well at harvest with very little disease pressure observed. Ears were girthy but had noticeable tip back throughout the plot. Excellent weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	14DT603 ↗	TRE	114	170.3	16.7	0	28.2	755	1
Pioneer	P13050AM GC ↗	AM	113	167.6	17.0	0	28.2	741	2
DeKalb	DKC64-22RIB GC ↗	VT2P	114	164.4	15.8	0	28.9	735	3
Mustang	662TRE RIB ↗	TRE	113	164.2	16.6	0	28.2	729	4
Taylor	6017 TRE ↗	TRE	117	155.1	16.5	0	28.2	689	6
DeKalb	DKC66-06RIB GC ↗	TRE	116	152.9	16.5	0	27.6	679	7
Renk	RK915VT2P ↗	VT2P	115	151.7	16.5	0	28.6	674	8
Lewis	15DT512 ↗	TRE	115	151.2	16.2	0	27.9	673	9
NK Brand	NK1701-V ↗	V	117	151.1	16.8	0	28.2	669	10
Dyna-Gro	D56TC44RIB ↗	TRE	116	150.6	16.9	0	28.9	666	11
Renk	RK895DGVT2P ↗	VT2PDG	113	148.8	16.7	0	28.2	659	13
NK Brand	NK1755-DV ↗	DV	117	148.8	15.8	0	28.2	665	12
Renk	RK940SSTX ↗	STX	115	147.1	16.5	0	28.9	653	15
Pioneer	P14830AML GC ↗	AML	114	147.0	16.1	0	28.6	655	14
Dyna-Gro	D53VC54RIB ↗	VT2P	113	146.7	16.6	0	28.9	651	16
Rob-See-Co	RC6411-VT2P ↗	VT2P	114	145.6	15.9	0	29.2	650	17
Lewis	17DP651 ↗	VT2P	117	145.2	16.5	0	28.6	645	18
Mustang	97113 ↗	VT2PDG	113	143.4	16.2	0	27.9	638	19
Mustang	83A15 ↗	TRE	115	142.1	16.6	0	28.9	630	20
Mustang	801PR RIB ↗	VT2P	117	141.7	16.7	0	28.2	628	21
Taylor	6015 TRE ↗	TRE	115	135.9	16.2	0	28.6	605	22
Taylor	EXP C-115-23 GC ↗	VT2P	115	130.7	15.8	0	27.6	584	23
Augusta	A5065-3111 ↗	3111	115	130.5	16.8	0	27.9	578	24
Lewis	15DP899 ↗	VT2P	115	128.8	16.2	0	28.6	574	25
Golden Harvest	G17A81-V ↗	V	117	126.4	16.5	0	28.2	561	26
Taylor	5516 SS ↗	STX	116	124.4	17.0	0	29.2	550	28
Golden Harvest	G17B31-V ↗	V	117	124.1	16.6	0	27.9	551	27
Renk	RK958VT2P ↗	VT2P	115	122.8	16.6	0	29.2	545	30
Augusta	A4565-V ↗	V	115	122.7	15.8	0	28.9	548	29
Renk	RK876VT2P ↗	VT2P	113	122.3	16.4	0	27.9	544	31
PIONEER	P0995AM CK	AM,AQ	109	155.6	16.0	0	28.6	694	5

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Averages = **142.8** **16.4** **28.4** **634**

LSD (0.10) = 6.5 0.2 ns

LSD (0.25) = 3.4 0.1 ns

C.V. = 4.3

Historic yield: 143.57 bu/a, 4 yr(s)

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

Report Date: 10/07/2023

† 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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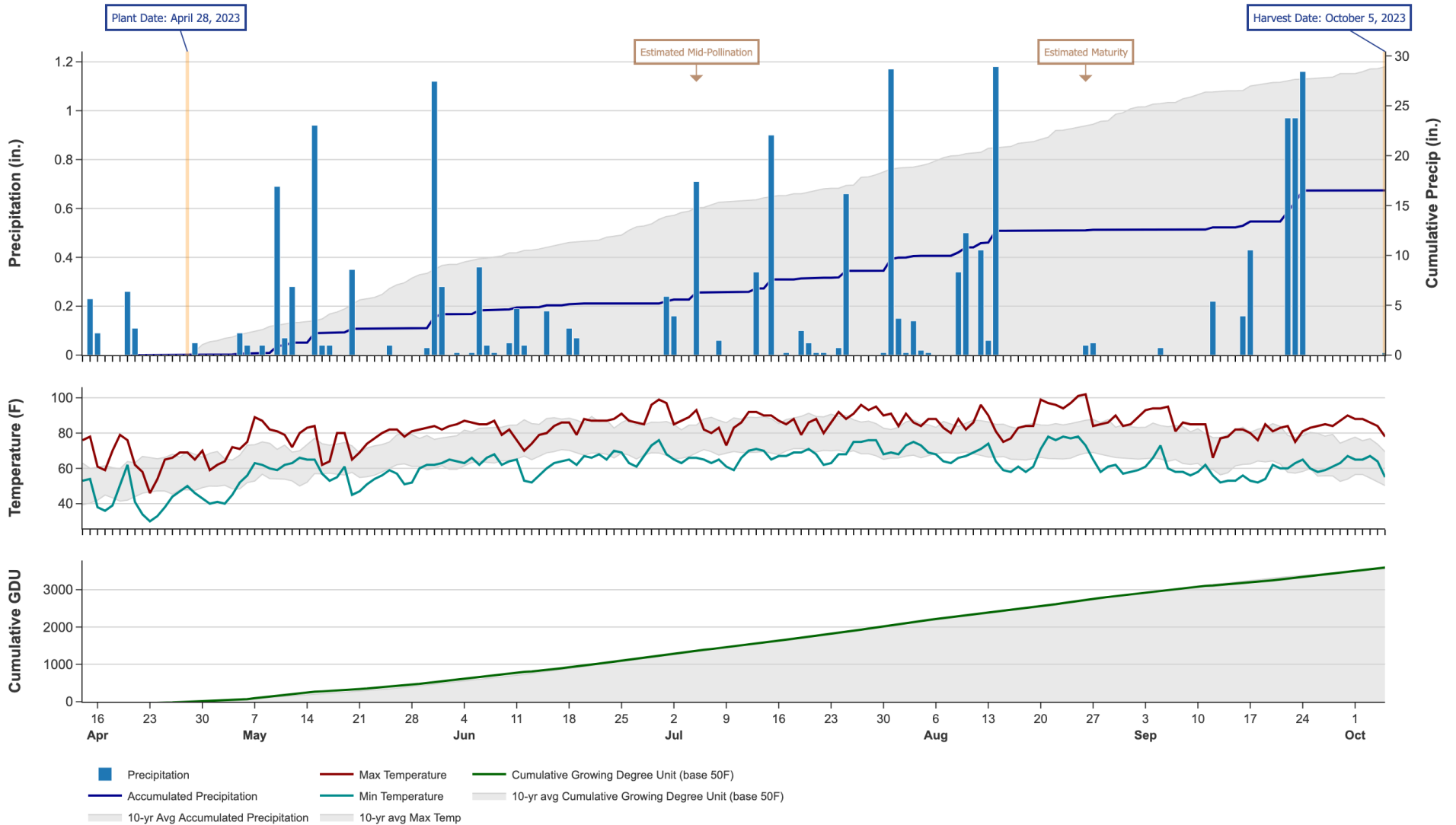
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2023 Corn - Kansas Northeast [KSNE]

Weather Conditions Summary at LOUISBURG, KS

Weather Data Retrieved: 10/07/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.7 3.0 (-2.2)	3.8 7.5 (-3.8)	1.4 5.0 (-3.7)	4.5 5.0 (-0.6)	2.9 5.7 (-2.7)	3.9 3.9 (0.0)	0.0 0.7 (-0.7)	17.2 30.9 (-13.7)
GDU Avg (Diff)	138 122 (+15)	506 443 (+62)	714 752 (-38)	808 839 (-31)	804 804 (0)	626 627 (-1)	118 71 (+46)	3714 3662 (+51)



* 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	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	DV	N*	111	CM,C2
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V,EDC-EL
DeKalb	DKC59-82RIB	VT2P	Y	109	AC,P5V,EDC-EL
DeKalb	DKC62-70RIB	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	TRE	Y*	106	Edge 500
Mustang	82308	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	AM	Y*	109	Lum, L1
Pioneer	P0995AM	AM,AQ	N*	109	Lum
Pioneer	P1027AM	AM	Y	110	Lum, L1
Pioneer	P1164AM	AM	Y	111	Lum, L1
Pioneer	P12904AML	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	VT2P	N*	113	CM,C2
Taylor	EXP D-112-23	PC	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	VT2P	Y	114	AC,P5V,EDC-EL
DeKalb	DKC66-06RIB	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	AM,AQ	N*	109	Lum
Pioneer	P13050AM	AM	Y	113	Lum, L1
Pioneer	P1359AM	AM	N*	113	Lum, L1
Pioneer	P14830AML	AML	Y	114	Lum, L1
Renk	RK876VT2P	VT2P	N	113	AC,P5V,B300
Renk	RK895DGV2P	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	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
PC	PowerCore®
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.