

Test by: Agri Seed Research, LLC Louisburg, KS

2023 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] SPRING HILL, KS
Dan Stuteville, Johnson County, KS 66013

Early-Season Test	107 - 112 Day CRM B2023KSNE03a
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / 2,4-D, Authority Mtz, Glyphosate
SOIL DESCRIPTION:	Bucyrus silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, medium K, 6.9 pH, 4.4% OM, 19.3 CEC
PEST MANAGEMENT:	Fulltime Nxt, 2,4-D, Metolachlor
FERTILITY - Applied N:	165 Spring, Sulfur
Applied N-P-K (units):	165-45-50
SEDED - RATE - ROW:	Apr 27 30.2 /A 30" spacing
HARVESTED - STAND:	Oct 13 28.6 /A

TEST COMMENTS:

This site was planted into a clean seedbed that had enough moisture to germinate the corn seed. May and June were above average temperatures and below-average rainfall. July brought a couple of very timely rains along with the hot days. Very little disease pressure was seen, corn was standing great but plants were storter than normal. Most hybrids had tipback on the end of the ears. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Augusta	A4961-DV GC ↗	DV	111	164.6	15.0	0	29.2	741	1
Pioneer	P12904AML GC ↗	AML	112	159.6	14.2	0	29.2	718	2
Pioneer	P1027AM GC ↗	AM	110	155.4	14.3	0	28.9	699	3
Taylor	EXP D-112-23 ↗	PCE	112	154.7	14.1	0	28.2	696	4
Mustang	82308 GC ↗	VT2P	108	152.9	14.4	0	28.6	688	5
NK Brand	NK0922-V ↗	V	109	152.8	14.9	0	28.2	688	6
Dyna-Gro	D49VC53RIB ↗	VT2P	109	152.1	14.4	0	28.2	684	7
Renk	RK811PWE ↗	PCE	111	151.5	14.3	0	28.6	682	8
Pioneer	P1164AM GC ↗	AM	111	150.3	14.0	0	28.9	676	9
Augusta	A1059-DV GC ↗	DV	109	150.0	14.7	0	28.6	675	10
Mustang	429PR RIB ↗	VT2P	110	149.6	14.2	0	27.9	673	11
Augusta	A1060-3330A-EZ ↗	VZ	110	149.1	14.9	0	28.9	671	12
Mustang	63A06 GC ↗	TRE	106	148.6	14.2	0	28.2	669	13
Dyna-Gro	D50VC09RIB ↗	VT2P	110	146.9	14.7	0	27.9	661	14
Golden Harvest	G11V76-AA ↗	AA	111	146.3	14.1	0	28.6	658	15
Taylor	6012 TRE ↗	TRE	111	145.8	14.6	0	28.9	656	16
Lewis	12DT302 ↗	TRE	112	145.8	14.9	0	28.9	656	17
Mustang	570PR RIB ↗	VT2P	112	145.0	14.9	0	28.9	652	18
Taylor	6010 TRE ↗	TRE	110	144.3	14.1	0	29.2	649	19
Rob-See-Co	RC6232-DGVT2P ↗	VT2PDG	112	143.0	14.1	0	28.9	644	20
DeKalb	DKC111-35RIB GC ↗	VT2P	111	139.7	14.7	0	28.6	629	21
Golden Harvest	G09B15-V ↗	V	109	137.4	14.2	0	28.6	618	22
Renk	RK773TRE ↗	TRE	109	136.8	14.7	0	28.6	616	23
Rob-See-Co	RC6131-TRE ↗	TRE	111	136.2	14.2	0	28.6	613	24
Renk	RK766SSPRO ↗	STXP	109	135.7	14.0	0	28.6	611	25
DeKalb	DKC62-70RIB GC ↗	VT2P	112	134.6	15.4	0	28.9	604	26
DeKalb	DKC59-82RIB GC ↗	VT2P	109	133.2	14.7	0	28.6	599	27
Augusta	A1259-5222 ↗	DV	109	132.8	14.8	0	29.9	598	28
NK Brand	NK1082-DV ↗	DV	110	131.9	14.8	0	27.9	594	29
Taylor	8824 VT2P GC ↗	VT2P	113	125.0	13.9	0	28.9	562	31
PIONEER	P0995AM CK	AM,AQ	109	127.7	14.5	0	28.6	575	30

Adam Stuteville

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Averages = **143.8** **14.5** **28.6** **647**

LSD (0.10) = 7.0 0.2 ns

LSD (0.25) = 3.7 0.1 ns

C.V. = 4.6

Historic yield: 129.37 bu/a, 4 yr(s)

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

Report Date: 10/16/2023

† 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] SPRING HILL, KS
Dan Stuteville, Johnson County, KS 66013

Full-Season Test	113 - 117 Day CRM B2023KSNE03b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / 2,4-D, Authority Mtz, Glyphosate
SOIL DESCRIPTION:	Bucyrus silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, medium K, 6.9 pH, 4.4% OM, 19.3 CEC
PEST MANAGEMENT:	Fulltime Nxt, 2,4-D, Metolachlor
FERTILITY - Applied N:	165 Spring, Sulfur
Applied N-P-K (units):	165-45-50
SEDED - RATE - ROW:	Apr 27 30.2 /A 30" spacing
HARVESTED - STAND:	Oct 13 28.5 /A

TEST COMMENTS:

This site was planted into a clean seedbed that had enough moisture to germinate the corn seed. May and June were above average temperatures and below-average rainfall. July brought a couple of very timely rains along with the hot days. Very little disease pressure was seen, corn was standing great but plants were stouter than normal. Most hybrids had tipback on the end of the ears. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK940SSTX ↗	STX	115	159.8	15.8	0	28.9	714	1
Golden Harvest	G17B31-V ↗	V	117	159.1	15.3	0	28.6	714	2
Renk	RK958VT2P ↗	VT2P	115	152.2	14.6	0	27.9	685	3
Augusta	A4565-V ↗	V	115	152.1	15.4	0	27.9	682	4
Taylor	EXP C-115-23 GC ↗	VT2P	115	152.0	15.3	0	29.2	682	5
Pioneer	P13050AM GC ↗	AM	113	150.8	15.7	0	28.6	675	6
NK Brand	NK1701-V ↗	V	117	150.2	15.3	0	28.6	674	7
DeKalb	DKC66-06RIB GC ↗	TRE	116	149.8	14.6	0	28.9	674	8
Renk	RK876VT2P ↗	VT2P	113	149.4	15.0	0	29.6	672	9
Taylor	5516 SS ↗	STX	116	149.0	15.2	0	27.9	669	10
Mustang	97113 ↗	VT2PDG	113	147.7	15.3	0	28.6	663	11
Mustang	662TRE RIB ↗	TRE	113	147.2	15.6	0	28.2	659	12
Lewis	17DP651 ↗	VT2P	117	145.4	15.9	0	29.2	649	14
Lewis	14DT603 ↗	TRE	114	145.1	15.0	0	28.6	653	13
Taylor	6017 TRE ↗	TRE	117	144.0	15.5	0	27.9	645	16
Dyna-Gro	D53VC54RIB ↗	VT2P	113	143.9	15.3	0	28.9	646	15
Lewis	15DP899 ↗	VT2P	115	143.2	15.8	0	28.2	640	19
Mustang	83A15 ↗	TRE	115	143.1	15.5	0	27.9	641	18
Augusta	A5065-3111 ↗	3111	115	142.8	14.6	0	27.9	643	17
Dyna-Gro	D56TC44RIB ↗	TRE	116	140.7	14.9	0	29.2	633	20
Taylor	6015 TRE ↗	TRE	115	139.3	15.4	0	28.9	625	21
Golden Harvest	G17A81-V ↗	V	117	135.9	14.8	0	27.9	612	22
Renk	RK895DGV2P ↗	VT2PDG	113	132.1	15.4	0	29.2	592	23
Mustang	801PR RIB ↗	VT2P	117	131.3	14.7	0	28.6	591	24
Renk	RK915VT2P ↗	VT2P	115	129.1	15.6	0	28.9	578	25
Lewis	15DT512 ↗	TRE	115	128.3	15.4	0	28.9	575	26
Pioneer	P1359AM GC ↗	AM	113	124.2	14.6	0	28.2	559	28
Rob-See-Co	RC6411-VT2P ↗	VT2P	114	122.1	15.3	0	28.9	548	29
Pioneer	P14830AML GC ↗	AML	114	120.3	15.0	0	28.6	541	30
DeKalb	DKC64-22RIB GC ↗	VT2P	114	119.6	14.8	0	27.9	538	31
PIONEER	P0995AM CK	AM,AQ	109	128.0	15.3	0	28.6	575	27

Averages = **140.4** **15.2** **28.5** **630**

LSD (0.10) = 6.3 0.2 ns

LSD (0.25) = 3.3 0.1 ns

C.V. = 4.3

Historic yield: 129.37 bu/a, 4 yr(s)

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

Report Date: 10/16/2023

† 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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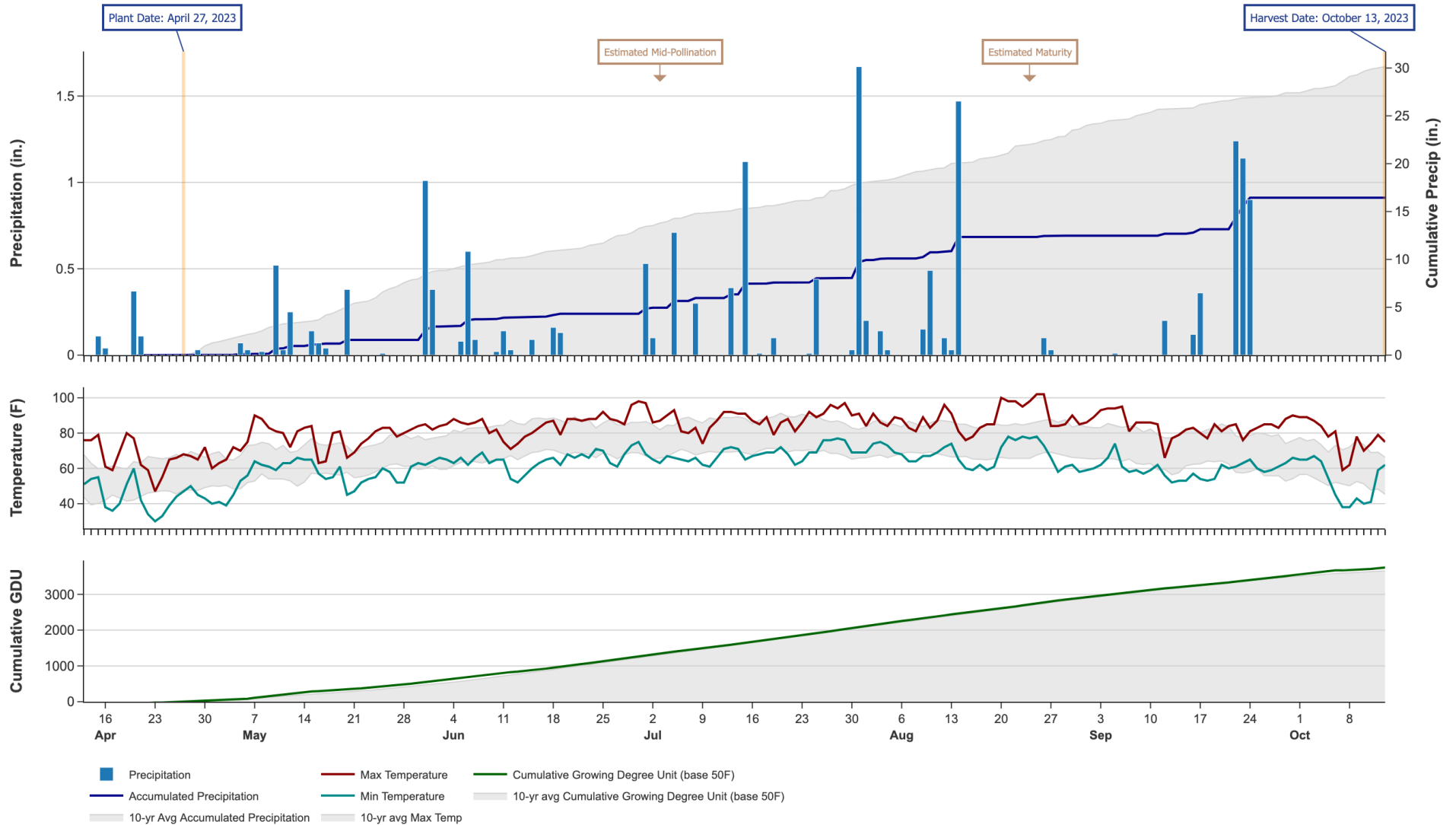
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2023 Corn - Kansas Northeast [KSNE]

Weather Conditions Summary at SPRING HILL, KS

Weather Data Retrieved: 10/16/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.7 3.0 (-2.3)	2.6 7.4 (-4.9)	1.7 4.8 (-3.1)	5.4 4.8 (+0.7)	2.7 5.6 (-2.9)	4.0 3.8 (+0.2)	0.0 2.7 (-2.7)	17.1 32.1 (-15.1)
GDU Avg (Diff)	147 130 (+16)	522 441 (+80)	720 753 (-33)	818 840 (-22)	812 806 (+5)	636 625 (+10)	213 159 (+53)	3868 3758 (+109)



* 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.