

Test by: Agri Seed Research, LLC Louisburg, KS

2023 Corn Grain Top 30 Harvest Report

Nebraska Southeast [NESE] UNION, NE
Nick Smith, Cass County, NE 68455

Early-Season Test	107 - 112 Day CRM B2023NESE11a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate, Dual, Zone
SOIL DESCRIPTION:	Monona silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, medium P, low K, 6.7 pH, 3.2% OM, 19.5 CEC
PEST MANAGEMENT:	Glyphosate, 2,4-D, Acetochlor, Atrazine, Mesotrione
FERTILITY - Applied N:	170 Spring
Applied N-P-K (units):	170-50-35
SEEDED - RATE - ROW:	Apr 26 31.6 /A 30" spacing
HARVESTED - STAND:	Nov 3 29.1 /A

TEST COMMENTS:

This site was planted into a clean seedbed with enough moisture to get the corn to emerge. The second half of May and most of June brought above-average temperatures with below-average rainfall. Early July brought some spotty showers, then late July was hot and dry. Plants were tall, standing well at harvest, and very little disease pressure was seen throughout the growing season. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	EXP D-112-23 ↗	PCE	112	200.6	15.5	0	28.9	899	1
Four Star	EXP 2304 ↗	VT2P	112	195.8	15.4	0	28.9	878	2
Golden Harvest	G11V76-AA ↗	AA	111	195.5	15.7	0	28.9	875	3
Mustang	429PR RIB ↗	VT2P	110	193.1	15.3	0	28.2	867	4
Four Star	6D64 ↗	TRE	112	192.8	15.4	0	29.9	865	5
Mustang	570PR RIB ↗	VT2P	112	192.3	15.6	0	29.9	860	7
Renk	RK811PWE ↗	PCE	111	192.1	15.7	0	29.2	859	8
Hefty	H6263 ↗	VT2PDG	112	191.9	15.4	0	28.9	861	6
Hefty	H5952 ↗	VT2P	109	190.3	15.1	0	28.2	856	9
Integra	6061 STXRIB ↗	STX	110	190.0	15.1	0	29.9	854	10
Pioneer	P12904AML GC ↗	AML	112	189.5	15.2	0	29.4	852	11
Augusta	A1259-5222 ↗	DV	109	189.4	15.6	0	28.9	847	12
Hefty	H6252 ↗	VT2P	112	188.6	15.5	0	28.9	845	13
Renk	RK773TRE ↗	TRE	109	187.2	15.5	0	29.7	839	15
DeKalb	DKC59-82RIB GC ↗	VT2P	109	187.1	15.7	0	29.2	837	17
Pioneer	P1164AM GC ↗	AM	111	187.1	15.5	0	28.7	839	16
Integra	CXINT108VT ↗	VT2P	108	186.2	15.2	0	29.4	837	18
Dyna-Gro	D50VC09RIB ↗	VT2P	110	181.6	15.7	0	29.2	812	19
NK Brand	NK1040-AA ↗	AA	110	180.8	15.4	0	29.4	811	21
Rob-See-Co	RC6131-TRE ↗	TRE	111	180.4	14.9	0	29.2	812	20
Taylor	8013 VT2PDG GC ↗	VT2PDG	112	180.3	15.5	0	29.2	808	22
NK Brand	NK1188-AA ↗	AA	111	179.4	15.2	0	29.9	806	23
Golden Harvest	G10L16-DV ↗	DV	110	179.1	15.3	0	28.2	804	24
DeKalb	DKC62-70RIB GC ↗	VT2P	112	178.5	15.3	0	29.2	801	25
Hefty	H6145 TRERIB ↗	TRE	111	177.8	15.6	0	29.2	796	27
Rob-See-Co	RC6232-DGVT2P ↗	VT2PDG	112	177.7	15.3	0	29.2	798	26
Integra	5802 VT2PRIB ↗	VT2P	108	177.1	15.1	0	29.2	796	28
Pioneer	P09944AM GC ↗	AM	109	176.7	15.6	0	28.4	791	29
DeKalb	DKC111-35RIB GC ↗	VT2P	111	176.6	15.6	0	28.4	790	30
Pioneer	P1027AM GC ↗	AM	110	175.3	15.3	0	28.9	787	31
PIONEER	P0995AM CK	AM,AQ	109	188.2	15.2	0	29.2	845	14



Adam Stuteville

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Averages = **183.8** **15.4** **29.1** **824**

LSD (0.10) = 8.7 0.2 ns

LSD (0.25) = 4.6 0.1 ns

C.V. = 5.2 Historic yield: 198.95 bu/a, 11 yr(s)

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

Report Date: 11/06/2023

† 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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Full-Season Test	113 - 117 Day CRM B2023NESE11b
Top 30 of 39	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate, Dual, Zone
SOIL DESCRIPTION:	Monona silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, medium P, low K, 6.7 pH, 3.2% OM, 19.5 CEC
PEST MANAGEMENT:	Glyphosate, 2,4-D, Acetochlor, Atrazine, Mesotrione
FERTILITY - Applied N:	170 Spring
Applied N-P-K (units):	170-50-35
SEEDING - RATE - ROW:	Apr 26 31.6 /A 30" spacing
HARVESTED - STAND:	Nov 3 29.0 /A

TEST COMMENTS:

This site was planted into a clean seedbed with enough moisture to get the corn to emerge. The second half of May and most of June brought above-average temperatures with below-average rainfall. Early July brought some spotty showers, then late July was hot and dry. Plants were tall, standing well at harvest, and very little disease pressure was seen throughout the growing season. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	5516 SS ↗	STX	116	203.1	16.4	0	29.2	903	1
Taylor	6014 TRE ↗	TRE	114	200.4	16.3	0	29.2	891	2
Four Star	6D72 ↗	VT2P	114	200.1	16.5	0	28.7	888	3
Hefty	H6532 VT2PRIB ↗	VT2P	115	199.3	16.1	0	29.2	888	4
Taylor	6017 TRE ↗	TRE	117	199.1	16.5	0	29.4	884	6
NK Brand	NK1333-AA ↗	AA	113	198.8	16.2	0	28.9	885	5
Wyffels	W7945RIB ↗	TRE	114	197.6	16.1	0	29.2	881	7
Wyffels	W7876RIB ↗	VT2P	114	197.1	16.4	0	28.4	876	8
Renk	RK940SSTX ↗	STX	115	196.8	16.2	0	28.9	876	9
Mustang	97113 ↗	VT2PDG	113	195.8	16.1	0	29.2	872	11
Integra	6342 TRERIB ↗	TRE	113	195.6	15.9	0	28.4	873	10
Rob-See-Co	RC6411-VT2P ↗	VT2P	114	194.9	15.9	0	28.9	870	12
Mustang	662TRE RIB ↗	TRE	113	194.5	16.0	0	29.4	867	13
Pioneer	P13050AM GC ↗	AM	113	194.2	16.2	0	28.9	864	14
Dyna-Gro	D53VC54RIB ↗	VT2P	113	193.3	16.1	0	28.9	862	15
Renk	RK915VT2P ↗	VT2P	115	192.4	16.1	0	28.9	857	16
Mustang	83A15 ↗	TRE	115	192.3	16.0	0	29.9	857	17
Integra	6493 VT2PRIB ↗	VT2P	114	192.0	16.2	0	28.9	855	18
Hefty	H6354 ↗	STX	113	191.3	15.7	0	28.9	855	19
DeKalb	DKC64-22RIB GC ↗	VT2P	114	190.7	16.4	0	28.9	847	20
Taylor	6015 TRE ↗	TRE	115	190.0	16.4	0	28.9	844	21
Pioneer	P14830AML GC ↗	AML	114	189.3	16.5	0	28.7	840	23
Mustang	801PR RIB ↗	VT2P	117	188.8	15.9	0	28.7	843	22
Four Star	6D77 ↗	TRE	115	188.2	16.2	0	28.7	838	24
Pioneer	P1359AM GC ↗	AM	113	185.0	16.4	0	28.9	822	27
Taylor	EXP C-115-23 GC ↗	VT2P	115	185.0	16.3	0	29.4	823	26
DeKalb	DKC66-06RIB GC ↗	TRE	116	183.6	16.1	0	29.2	818	28
Golden Harvest	G15J91-V ↗	V	115	181.7	15.7	0	28.9	813	29
ProHarvest	83P66 VT2P ↗	VT2P	113	179.9	16.2	0	28.9	801	30
Integra	6720 VT2PRIB ↗	VT2P	117	177.5	15.9	0	29.7	793	31
PIONEER	P0995AM CK	AM,AQ	109	185.5	16.3	0	28.7	825	25

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Averages = **188.4** **16.2** **29.0** **839**

LSD (0.10) = 6.3 0.2 ns

LSD (0.25) = 3.3 0.1 ns

C.V. = 3.7 Historic yield: 198.95 bu/a, 11 yr(s)

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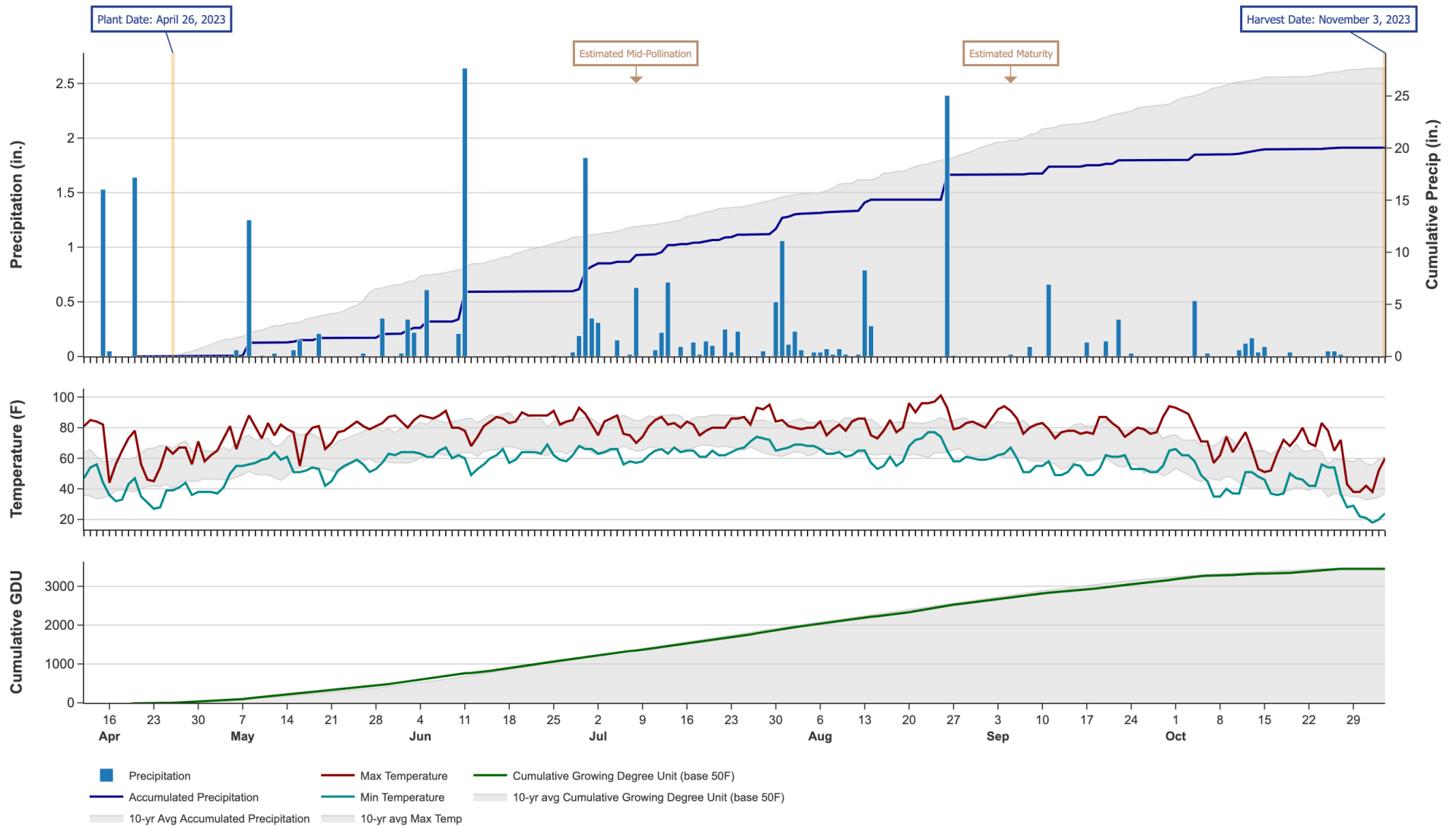
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2023 Corn - Nebraska Southeast [NESE]

Weather Conditions Summary at UNION, NE

Weather Data Retrieved: 11/06/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	3.2 2.2 (+1.0)	2.1 6.2 (-4.0)	6.1 4.6 (+1.5)	5.0 3.8 (+1.2)	4.2 4.7 (-0.5)	1.4 4.2 (-2.8)	1.2 3.4 (-2.3)	0.0 0.0 (-0.0)	23.3 29.2 (-5.9)
GDU Avg (Diff)	139 93 (+45)	478 398 (+79)	678 717 (-39)	716 785 (-69)	712 735 (-23)	549 559 (-10)	289 219 (+69)	0 0 (0)	3561 3509 (+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 - Nebraska Southeast [NESE]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1059-DV GC	DV	N	109	CM,C2
Augusta	A1259-5222	DV	Y*	109	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
Four Star	6D64	TRE	Y	112	AC,P2
Four Star	EXP 2304	VT2P	Y	112	AC,P5V
Golden Harvest	G10L16-DV	DV	Y	110	AC,P5
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Hefty	H5862	VT2P	N	108	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6145 TRERIB	TRE	Y	111	HC
Hefty	H6252	VT2P	N	112	HC
Hefty	H6263	VT2PDG	N	112	HC
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
Integra	CXINT108VT	VT2P	Y	108	AC,P5V,SU+Zn,PT
Mustang	429PR RIB	VT2P	Y	110	Edge 500
Mustang	570PR RIB	VT2P	Y	112	Edge 500
NK Brand	NK1040-AA	AA	Y	110	CM,C5,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Va
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	8013 VT2PDG GC	VT2PDG	N*	112	CM,C2
Taylor	8824 VT2P	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 - Nebraska Southeast [NESE]

Full-Season Test Products (39 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
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
Four Star	6D72	VT2P	Y	114	AC,P2
Four Star	6D77	TRE	Y	115	AC,P2
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Va
Hefty	H6354	STX	N	113	HC
Hefty	H6355	TRE	N	113	HC
Hefty	H6532 VT2PRIB	VT2P	Y	115	HC
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,SU+Zn
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P5V,SU+Zn
Integra	6720 VT2PRIB	VT2P	Y	117	AC,P5V
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	NK1333-AA	AA	Y	113	CM,C5,Va
NK Brand	NK1523-V	V	Y	115	CM,C5,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
ProHarvest	83P33 DGVT2PRIB	VT2PDG	Y	113	AC,P5V,Va
ProHarvest	83P66 VT2P	VT2P	N	113	AC,P5V,Va
Renk	RK895DGVT2P	VT2PDG	N	113	AC,P2
Renk	RK907SSTX	STX	N	115	AC,P5V
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	6014 TRE	TRE	N	114	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
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086	VT2P	N	114	AC,P5

* 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

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®

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,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
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,SU+Zn,PT	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn with PhycoTerra® ST
AC,P5V,Va	Acceleron® Poncho 500/Votivo, 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
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo

* Seed treatments may include unspecified plant health promoting components.