

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2024 Corn Grain Top 30 Harvest Report

Iowa South [IASO] LINEVILLE, IA

Bradley Vogel, Wayne County, IA 50147

Early-Season Test 106 - 111 Day CRM
B2024IASO35a

Top 30 of 30 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Liberty, Ziduo Pro

SOIL DESCRIPTION: Coppock silt loam, mod. poorly
drained, non-irrigated

SOIL CONDITION: No-Till, high P, high K, 6.5 pH,
2.3% OM, 15.8 CEC

PEST MANAGEMENT: Buccaneer, Callaron, Parallel

FERTILITY - Applied N: 100 Spring, Fall 3000 gal hog
manure

Applied N-P-K (units): 100-0-0

SEEDED - RATE - ROW: May 31 35.0 /A 30" spacing

HARVESTED - STAND: Oct 15 32.3 /A

TEST COMMENTS:

We attempted to plant this plot earlier but showers kept popping up. When we could go, planting conditions were very good. The plot then received good showers to emerge very well, but it turned very dry with the location over 7 inches below normal. Plants grew very tall with tassels above the gleaner cab. Ear size was all across the board with a small amount of tip back and a small seed size. There was no weed pressure. Plants were matured well and stalks were standing strong. Some tar spot could be seen in the plot.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	71A7V ↗	VE	111	236.0	15.5	1	30.9	1147	2
Golden Harvest	G10L16-DV ↗	DV	110	235.6	16.8	1	30.9	1133	3
NuTech	71A2V ↗	VE	111	232.7	15.4	1	32.9	1132	4
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	223.8	15.2	1	30.9	1090	5
NK Brand	NK1188-AA ↗	AA	111	221.8	16.2	1	30.0	1072	10
Integra	5802 VT2PRIB ↗	VT2P	108	221.3	15.2	1	33.8	1078	6
AgVenture	AV6010AM GC ↗	AM	110	220.9	15.0	1	31.9	1078	7
NuTech	66D1AM ↗	AM	106	220.8	14.4	1	32.9	1078	8
NuTech	69C7PCE ↗	PCE	109	220.5	15.0	1	33.8	1076	9
Wyffels	W6505 ↗	TRE	110	220.4	15.5	1	32.9	1071	11
Golden Harvest	G11V76-AA ↗	AA	111	219.0	16.0	2	32.9	1060	13
FS InVision	FS 5947T RIB ↗	TRE	109	218.3	15.2	1	32.9	1064	12
NK Brand	NK1056-V ↗	V	110	217.5	16.2	1	33.8	1051	16
NuTech	68C1V ↗	VE	108	216.9	14.9	1	31.9	1058	14
FS InVision	FS 6042F RIB ↗	VT4P	110	216.0	14.4	1	33.8	1054	15
Wyffels	W6886RIB ↗	VT2P	111	216.0	15.5	1	30.0	1049	17
FS InVision	FS 6137PC RA ↗	PCE	111	214.3	15.0	1	31.9	1046	18
Integra	6061 SSRIB ↗	STX	110	212.9	14.9	1	33.8	1039	19
Wyffels	W6215RIB ↗	TRE	109	212.2	13.9	1	31.9	1036	20
FS InVision	FS 5949PC RA ↗	PCE	109	203.2	14.0	1	33.8	992	21
Integra	5935PCE ↗	PCE	109	201.8	14.4	1	32.9	985	22
Merschman	2411C-30 GC ↗	PCE	111	201.6	14.8	1	32.9	984	23
Dyna-Gro	D50SP65RIB ↗	STXP	110	200.6	14.1	1	31.9	979	24
Dyna-Gro	D51VC95RIB ↗	VT2P	111	198.4	14.2	1	32.9	968	25
Axis	59D50RIB GC ↗	STX	109	197.8	14.1	1	32.9	965	26
Renk	RK800VT4PRO ↗	VT4P	110	196.2	14.8	1	32.9	957	27
Wyffels	W5406RIB ↗	VT2P	108	196.0	14.6	1	30.9	956	28
Dyna-Gro	D49PN05RA ↗	PCE	109	194.8	14.1	1	31.9	951	29
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	185.0	13.5	1	30.0	903	30
PIONEER	P1027AM CK	AM	110	236.7	15.0	1	31.9	1155	1

Averages = **213.6** **14.9** **1** **32.3** **1040**

LSD (0.10) = 6.3 0.6 ns

LSD (0.25) = 3.3 0.3 ns

C.V. = 2.8

Historic yield: 212.42 bu/a, 9 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.88

Report Date: Oct. 15, 2024

Revised: 10/16/2024 Added fertilizer note, NO change to yield or ranking

Additional reports available at www.firstseedtests.com

† 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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2024 Corn Grain Top 30 Harvest Report

Iowa South [IASO] LINEVILLE, IA

Bradley Vogel, Wayne County, IA 50147

Full-Season Test	112 - 116 Day CRM B2024IASO35b
Top 31 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Liberty, Ziduo Pro
SOIL DESCRIPTION:	Coppock silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	No-Till, high P, high K, 6.5 pH, 2.3% OM, 15.8 CEC
PEST MANAGEMENT:	Buccaneer, Callaron, Parallel
FERTILITY - Applied N:	100 Spring, Fall 3000 gal hog manure
Applied N-P-K (units):	100-0-0
SEEDED - RATE - ROW:	May 31 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 15 32.1 /A

TEST COMMENTS:

We attempted to plant this plot earlier but showers kept popping up. When we could go, planting conditions were very good. The plot then received good showers to emerge very well, but it turned very dry with the location over 7 inches below normal. Plants grew very tall with tassels above the gleaner cab. Ear size was all across the board with a small amount of tip back and a small seed size. There was no weed pressure. Plants were matured well and stalks were standing strong. Some tar spot could be seen in the plot.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	70B4AM ↗	AM	110	224.3	15.4	1	31.9	1091	2
FS InVision	FS 6349PC RA ↗	PCE	113	222.8	15.1	1	33.8	1087	3
NK Brand	NK1228-AA ↗	AA	112	221.3	14.5	1	32.9	1080	4
Golden Harvest	G12U11-AA ↗	AA	112	218.0	15.2	1	31.9	1062	5
NuTech	75C1PCE ↗	PCE	115	216.4	15.9	1	31.9	1048	6
Hoegemeyer	8684PCE ↗	PCE	116	212.8	15.3	1	32.9	1036	7
Titan Pro	40-13 PCE ↗	PCE	113	209.6	16.1	1	33.8	1014	8
NuTech	74A5PCE ↗	PCE	114	207.9	15.5	2	32.9	1011	10
NuTech	72C1PCE ↗	PCE	112	207.5	15.1	1	30.9	1012	9
Hoegemeyer	8418AM ↗	AM	114	205.6	14.7	1	32.9	1003	11
Wyffels	W7759RIB ↗	STXP	113	205.3	14.8	1	31.9	1002	12
NuTech	73A4AM ↗	AM	113	204.2	15.6	1	31.9	992	13
Integra	6624TRERIB ↗	TRE	116	203.9	15.8	1	31.9	989	14
Golden Harvest	G15U34-V ↗	V	115	203.1	16.4	1	32.9	979	17
Renk	RK958VT2P ↗	VT2P	115	202.6	15.4	1	32.9	985	15
NK Brand	NK1480-DV ↗	DV	114	201.8	15.9	1	31.9	978	18
Wyffels	W7485 ↗	TRE	112	201.5	14.4	1	31.9	983	16
Integra	6244PCE ↗	PCE	112	198.7	15.1	1	30.9	969	19
Renk	RK825VT4P ↗	VT4P	112	197.6	14.2	1	30.9	964	20
NK Brand	NK1386-VZ ↗	VZ	113	193.8	15.6	1	31.9	941	21
Dyna-Gro	D56TC44RIB ↗	TRE	116	192.7	15.0	1	31.9	940	22
Dyna-Gro	D53VC54RIB ↗	VT2P	113	191.7	15.1	1	32.9	934	23
Titan Pro	28-14 PCE ↗	PCE	114	191.7	15.7	1	30.9	930	24
Wyffels	W8086RIB ↗	VT2P	114	191.2	16.2	1	32.9	924	26
Integra	6493 VT2PRIB ↗	VT2P	114	190.8	15.7	2	30.9	926	25
FS InVision	FS 6447T RIB ↗	TRE	114	188.7	16.6	1	32.9	909	28
NK Brand	NK1307-DV ↗	DV	113	187.6	15.7	1	30.0	910	27
Wyffels	W7945RIB ↗	TRE	114	186.2	14.2	1	32.9	909	29
Renk	RK876VT2P ↗	VT2P	113	182.9	15.4	1	31.9	890	30
Wyffels	W7876RIB ↗	VT2P	114	181.8	13.9	1	32.9	887	31
PIONEER	P1027AM CK	AM	110	225.0	14.3	1	33.8	1098	1
				Averages =	199.0	15.3	1	32.1	968
				LSD (0.10) =	6.5	0.7	1		
				LSD (0.25) =	3.4	0.4	0		
				C.V. =	3.1				
				Historic yield: 212.42 bu/a, 9 yr(s)					



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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$4.88

Report Date: Oct. 15, 2024

Revised: 10/16/2024 Added fertilizer note, NO change to yield or ranking

Additional reports available at www.firstseedtests.com

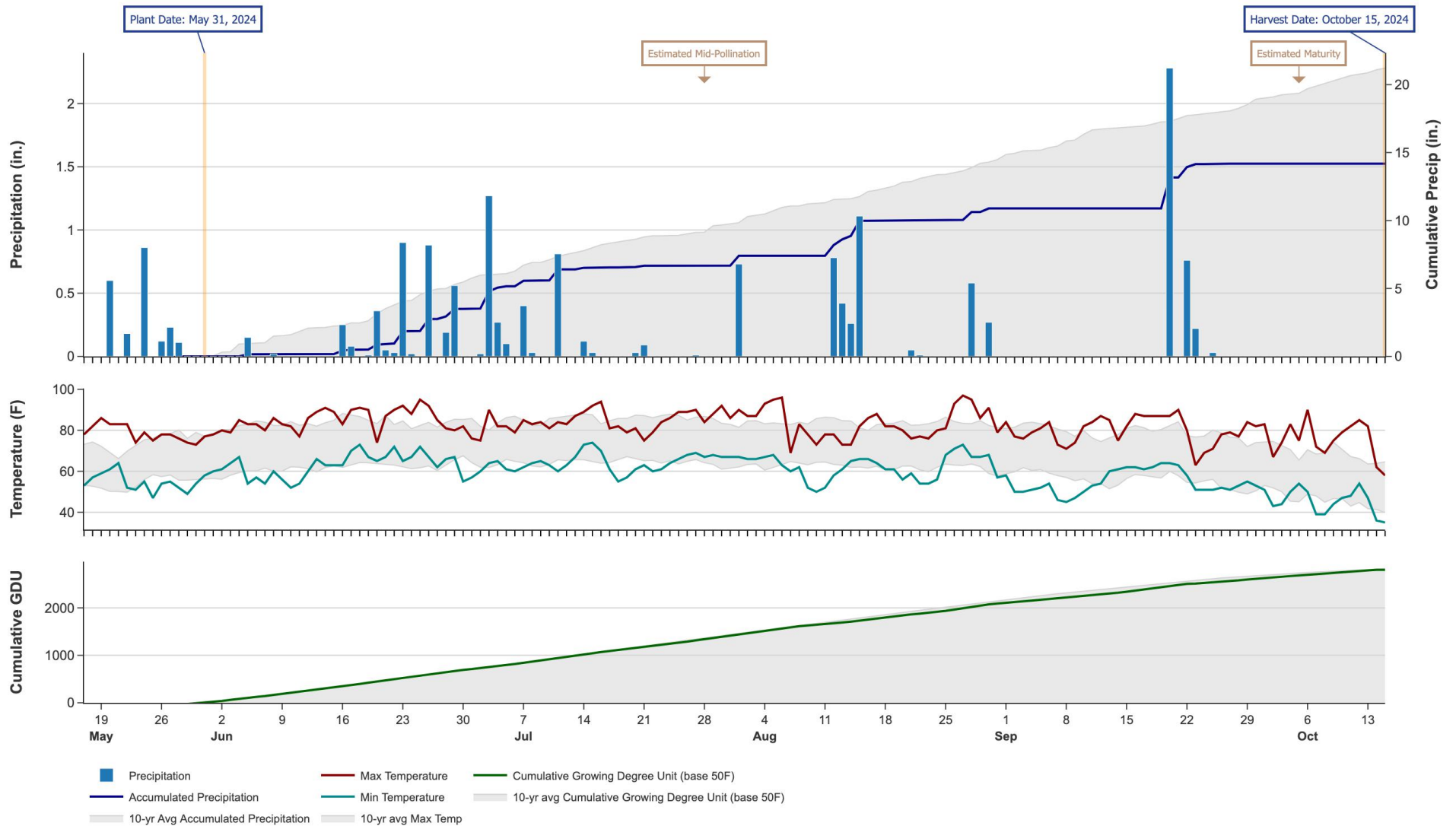
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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2024 Corn - Iowa South [IASO]

Weather Conditions Summary at LINEVILLE, IA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.1 2.8 (-0.7)	3.5 5.5 (-2.0)	3.2 4.3 (-1.1)	4.2 4.7 (-0.5)	3.3 4.5 (-1.2)	0.0 2.3 (-2.3)	16.3 24.0 (-7.7)
GDU Avg (Diff)	252 216 (+35)	694 675 (+18)	726 763 (-37)	672 711 (-39)	524 528 (-4)	186 145 (+40)	3054 3040 (+13)



* 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.

2024 Corn - Iowa South [IASO]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV6010AM GC	AM	Y	110	Lum
Axis	59D50RIB GC	STX	Y	109	AC,P5V
Dyna-Gro	D49PN05RA	PCE	Y	109	AC,P5V
Dyna-Gro	D50SP65RIB	STXP	Y	110	AC,P5V,EDC-B
Dyna-Gro	D51VC95RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 5947T RIB	TRE	Y	109	AC,P5V,EDC-EL
FS InVision	FS 5949PC RA	PCE	Y	109	AC,P5V
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V
FS InVision	FS 6137PC RA	PCE	N	111	AC,P5V
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C1,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C1,Vi,Va
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Integra	5935PCE	PCE	Y	109	AC,P5V,St,SU
Integra	6061 SSRIB	STX	Y	110	AC,P5V,St,SU
LG Seeds	LG58C48VT2PRIB GC	VT2P	Y	108	AC,P5V
Merschman	2411C-30 GC	PCE	N*	111	NA
NK Brand	NK1056-V	V	Y	110	CM,C2,Vi,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Vi,Va
NuTech	66D1AM	AM	Y	106	LumPro P2
NuTech	68C1V	VE	Y	108	LumPro P2
NuTech	69C7PCE	PCE	Y	109	LumPro P2
NuTech	71A2V	VE	Y	111	LumPro P2
NuTech	71A7V	VE	Y	111	LumPro P2
Pioneer	P1027AM CK	AM	Y	110	Lum
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
Wyffels	W5406RIB	VT2P	Y*	108	CM,C2,Vi,Va
Wyffels	W6215RIB	TRE	Y*	109	CM,C2,Vi,Va
Wyffels	W6505	TRE	N	110	AC,P5V
Wyffels	W6886RIB	VT2P	Y*	111	CM,C2,Vi,Va

* 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.

2024 Corn - Iowa South [IASO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Dyna-Gro	D56TC44RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6349PC RA	PCE	Y	113	CM,C2,Vi,Va
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6545V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Golden Harvest	G15U34-V	V	Y	115	CM,C2,Vi,Va
Hoegemeyer	8418AM	AM	Y	114	Lum, L1
Hoegemeyer	8684PCE	PCE	Y	116	Lum, L1
Integra	6244PCE	PCE	N	112	NA
Integra	6493 VT2PRIB	VT2P	Y*	114	NA
Integra	6624TRERIB	TRE	Y	116	NA
NK Brand	NK1228-AA	AA	Y	112	CM,C1,Vi,Va
NK Brand	NK1307-DV	DV	Y	113	CM,C1,Vi,Va
NK Brand	NK1386-VZ	VZ	Y	113	CM,C2,Vi,Va
NK Brand	NK1480-DV	DV	Y	114	CM,C5,Vi,Va
NK Brand	NK1523-V	V	Y	115	CM,C5,Vi,Va
NuTech	70B4AM	AM	Y	110	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
NuTech	73A4AM	AM	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
NuTech	75C1PCE	PCE	Y	115	LumPro P2
Pioneer	P1027AM CK	AM	Y	110	Lum
Renk	RK825VT4P	VT4P	N	112	AC,P5V,EDC-EL
Renk	RK876VT2P	VT2P	Y*	113	AC,P2
Renk	RK921VT2P	VT2P	N	115	AC,P5V,EDC-EL
Renk	RK958VT2P	VT2P	Y*	115	AC,P2
Titan Pro	28-14 PCE	PCE	N	114	CM,C2,Vi,Va
Titan Pro	40-13 PCE	PCE	Y	113	CM,C2,Vi,Va
Wyffels	W7485	TRE	N	112	AC,P5V
Wyffels	W7759RIB	STXP	Y*	113	CM,C2,Vi,Va
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086RIB	VT2P	Y*	114	CM,C2,Vi,Va

* 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®
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
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology
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
AC,P2	Acceleron® 250
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AVC,C1,Vi,Va	Avicta® Complete 1250, Vibrance®, Vayantis®
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematocide

* Seed treatments may include unspecified plant health promoting components.