

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

2023 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] SLATER, IA
Jason Krause, Story County, IA 50244

Early-Season Test	105 - 110 Day CRM B2023IAWC24a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist
SOIL DESCRIPTION:	Webster clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, medium K, 4.9 pH, 2.9% OM, 23.1 CEC
PEST MANAGEMENT:	Ams, Explorer, Roundup Power Max 3, Volley
FERTILITY - Applied N:	160 Fall
Applied N-P-K (units):	160-0-0
SEEDED - RATE - ROW:	May 4 35.0 /A 30" spacing
HARVESTED - STAND:	Nov 1 32.4 /A

TEST COMMENTS:

Planting went very well and seedbed conditions helped plants emerge with no problem. At harvest, plants stood tall and strong. Ear placement was high on stalks. Ear size varied throughout the plot from short pop-can-size to long and slender. Ear shanks were holding ears mostly at the downward angle and some small tipback could be seen. No major diseases appeared, and there was no weed pressure. Cracks in the soil were visible from drought-like conditions.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	7843AM ↗	AM	108	255.9	15.1	1	31.9	1268	1
Hefty	H5862 ↗	VT2P	108	254.9	15.2	1	31.9	1262	2
Integra	5802 VT2PRIB ↗	VT2P	108	253.7	15.3	1	31.9	1256	3
Channel	209-89STXRIB GC ↗	STX	109	253.4	15.4	1	32.9	1252	4
Golden Harvest	G10B61-AA ↗	AA	110	251.0	15.3	1	33.8	1242	5
Kruger	K0915DD ↗	VT2PDG	109	248.5	15.3	1	32.9	1229	7
Brevant	B08R32AM GC ↗	AM	108	248.0	15.0	1	31.9	1230	6
Wyffels	W5086RIB ↗	VT2P	107	247.6	15.5	1	32.9	1223	8
Renk	RK773TRE ↗	TRE	109	246.4	15.3	1	32.9	1219	9
Integra	6061 STXRIB ↗	STX	110	245.8	15.6	1	32.9	1213	10
Wyffels	W5019 ↗	STXP	107	245.0	15.2	1	31.9	1213	11
Kruger	K0957SP ↗	STXP	109	244.2	15.5	1	32.9	1206	12
Renk	RK720TRE ↗	TRE	106	241.3	15.0	1	31.9	1197	13
Wyffels	W5406 ↗	VT2P	108	237.4	15.6	1	32.9	1171	15
LG Seeds	LG58C48VT2PRIB ↗	VT2P	108	236.1	14.8	2	32.9	1171	16
Hoegemeyer	7858AM ↗	AM	108	235.7	15.2	1	31.9	1167	17
Kruger	K0783DP ↗	VT2P	107	235.3	15.1	1	31.9	1166	18
Golden Harvest	G07G73-D ↗	D	107	235.2	15.3	2	32.9	1164	20
Channel	206-16SSPRIB GC ↗	STXP	106	235.0	14.9	1	30.9	1166	19
Renk	RK766SSPRO ↗	STXP	109	234.1	15.2	1	32.9	1159	21
Renk	RK707TRE ↗	TRE	105	233.2	14.9	3	32.9	1157	22
FS InVision	FS 5935X RIB ↗	STX	109	232.7	15.4	1	32.9	1151	23
Hefty	H5655 ↗	TRE	106	231.5	14.9	1	30.9	1148	24
Renk	RK703PWE ↗	PCE	106	229.1	15.0	1	33.8	1136	25
Brevant	B05C33Q GC ↗	QR	105	229.0	14.6	1	32.9	1136	26
Brevant	B10Y21Q GC ↗	QR	110	228.8	15.0	1	31.9	1135	27
Midwest Genetics	08-06VT2PRIB GC ↗	VT2P	108	228.3	15.2	1	32.9	1131	28
FS InVision	FS 5835V RIB ↗	VT2P	108	228.1	15.1	1	29.0	1130	29
Integra	CXINT108VT ↗	VT2P	108	227.6	15.0	1	33.8	1129	30
FS InVision	FS 5525VDG RIB ↗	VT2PDG	105	226.0	15.1	1	31.9	1120	31
DEKALB	DKC111-35RIB CK	VT2P	111	238.5	15.5	1	32.9	1178	14
				Averages =	236.7	15.2	1	32.4	1172
				LSD (0.10) =	8.2	0.3	1		
				LSD (0.25) =	4.3	0.2	1		
				C.V. =	3.3				
				Historic yield: 205.87 bu/a, 17 yr(s)					



Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.96

Report Date: 11/02/2023

† 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	111 - 115 Day CRM B2023IAWC24b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
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SOIL CONDITION:	Conventional W/O Fall Till, very high P, medium K, 4.9 pH, 2.9% OM, 23.1 CEC
PEST MANAGEMENT:	Ams, Explorer, Roundup Power Max 3, Volley
FERTILITY - Applied N:	160 Fall
Applied N-P-K (units):	160-0-0
SEEDED - RATE - ROW:	May 4 35.0 /A 30" spacing
HARVESTED - STAND:	Nov 1 32.4 /A

TEST COMMENTS:

Planting went very well and seedbed conditions helped plants emerge with no problem. At harvest, plants stood tall and strong. Ear placement was high on stalks. Ear size varied throughout the plot from short pop-can-size to long and slender. Ear shanks were holding ears mostly at the downward angle and some small tipback could be seen. No major diseases appeared, and there was no weed pressure. Cracks in the soil were visible from drought-like conditions.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	240.1	16.0	1	32.9	1181	2
Hefty	H6244 ↗	STX	112	237.1	15.9	1	30.9	1167	3
FS InVision	FS 6595V RIB ↗	VT2P	115	230.1	15.2	1	30.9	1140	4
Hoegemeyer	8576AM ↗	AM	115	229.7	15.8	1	32.9	1132	5
Integra	6493 VT2PRIB ↗	VT2P	114	229.5	16.2	1	32.9	1128	6
Golden Harvest	G15J91-V ↗	V	115	228.2	16.5	1	31.9	1118	8
Hoegemeyer	8125AM ↗	AM	111	227.7	15.9	1	32.9	1121	7
FS InVision	FS 6432P RIB ↗	STXP	114	225.2	15.9	1	32.9	1109	10
Renk	RK895DGV2P ↗	VT2PDG	113	224.7	15.4	1	31.9	1111	9
Renk	RK811PWE ↗	PCE	111	224.1	15.4	1	30.9	1108	11
Golden Harvest	G13B17-AA ↗	AA	113	223.7	15.2	1	33.8	1107	12
Renk	RK958VT2P ↗	VT2P	115	223.6	15.4	1	31.9	1105	13
Epley	E2215SS ↗	STX	112	221.6	15.7	1	31.9	1093	14
Hefty	H6355 ↗	TRE	113	216.0	15.5	1	31.9	1067	15
Kruger	K1364DT ↗	TRE	113	214.9	15.5	1	31.9	1062	16
Integra	6588 VT2PRIB ↗	VT2P	115	214.3	17.0	1	30.9	1046	17
Wyffels	W8086 ↗	VT2P	114	211.8	16.0	1	31.9	1042	18
Kruger	K1562DT ↗	TRE	115	210.5	16.0	1	32.9	1036	19
Integra	6342 TRERIB ↗	TRE	113	209.3	15.4	1	33.8	1035	20
Renk	RK876VT2P ↗	VT2P	113	205.7	15.4	1	31.9	1017	21
Wyffels	W6886 ↗	VT2P	111	205.4	15.7	1	30.9	1013	22
Hoegemeyer	8110AM ↗	AM	111	204.1	15.6	1	33.8	1008	23
Wyffels	W7048 ↗	STX	111	202.6	15.7	1	33.8	999	24
Kruger	K1139SS ↗	STX	111	201.8	16.1	1	31.9	992	25
Wyffels	W7945RIB ↗	TRE	114	199.8	15.6	1	31.9	986	26
Hefty	H6263 ↗	VT2PDG	112	198.5	15.7	1	30.9	979	28
FS InVision	FS 6217T RIB ↗	TRE	112	198.4	15.3	1	32.9	982	27
Wyffels	W7759 ↗	STXP	113	195.0	15.5	2	31.9	963	29
Kruger	K1460DT ↗	TRE	114	194.3	15.7	1	32.9	958	30
Dyna-Gro	D53VC54RIB ↗	VT2P	113	192.8	15.6	1	31.9	952	31
DEKALB	DKC111-35RIB CK	VT2P	111	244.7	15.8	1	33.8	1206	1
				Averages =	211.1	15.7	1	32.4	1041
				LSD (0.10) =	9.4	0.4	ns		
				LSD (0.25) =	4.9	0.2	ns		
				C.V. =	4.2				
									Historic yield: 205.87 bu/a, 17 yr(s)

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.96

Report Date: 11/02/2023

† 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

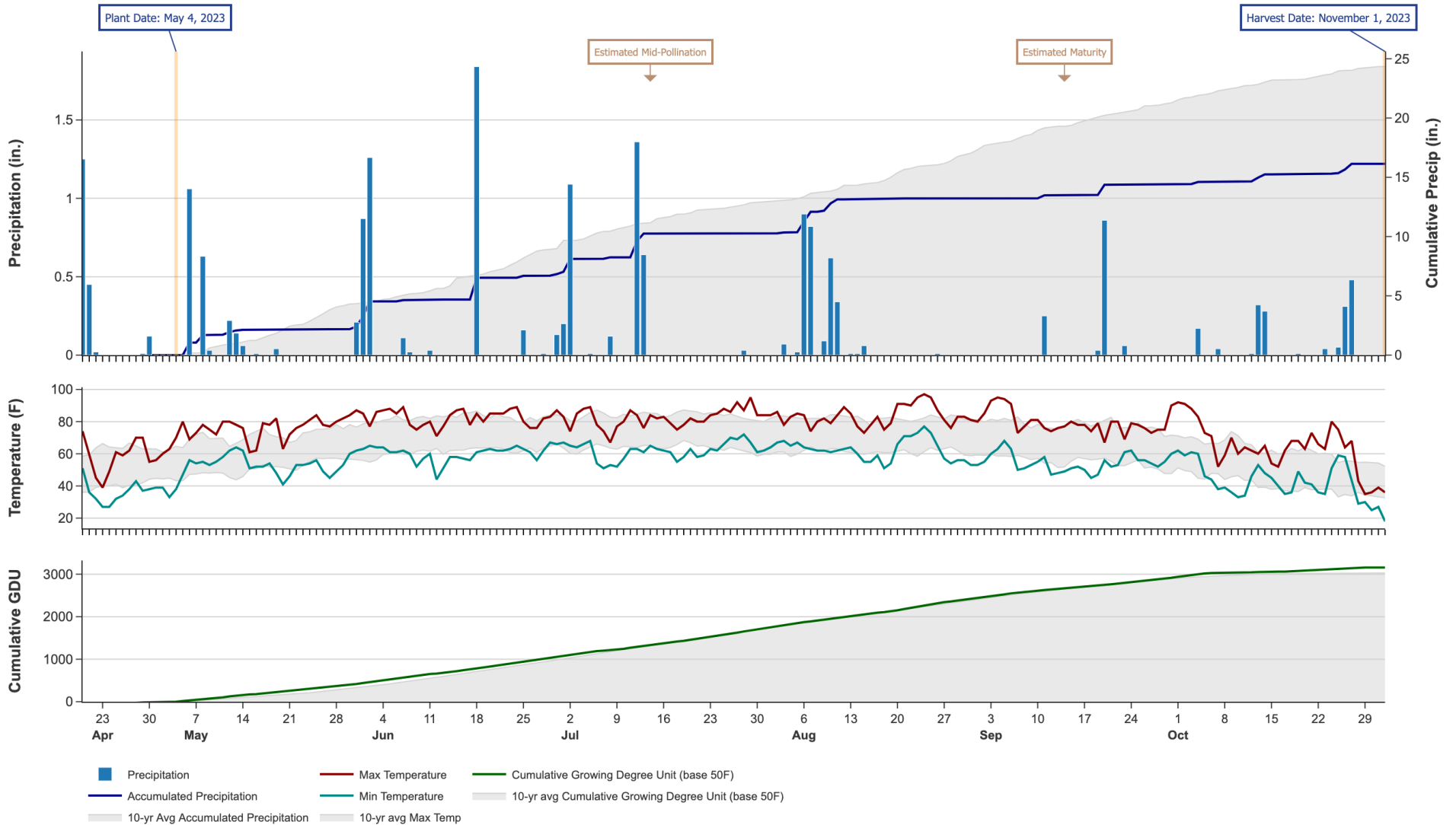
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2023 Corn - Iowa West Central [IAWC]

Weather Conditions Summary at SLATER, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	1.9 1.3 (+0.6)	2.4 5.2 (-2.8)	4.4 4.6 (-0.2)	3.5 4.0 (-0.5)	3.0 4.1 (-1.1)	1.2 4.2 (-3.0)	1.7 3.0 (-1.3)	0.0 0.0 (0.0)	18.0 26.5 (-8.5)
GDU Avg (Diff)	38 64 (-26)	432 352 (+79)	636 658 (-22)	673 734 (-61)	690 674 (+15)	500 501 (-1)	242 133 (+108)	0 0 (0)	3211 3119 (+91)



* 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 - Iowa West Central [IAWC]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Brevant	B05C33Q GC	QR	Y	105	Lum, L1
Brevant	B08R32AM GC	AM	Y	108	Lum, L1
Brevant	B10Y21Q GC	QR	Y	110	Lum, L1
Channel	206-16SSPRIB GC	STXP	Y	106	AC,P5V,EDC-B
Channel	209-89STXRIB GC	STX	Y	109	AC,P5V,EDC-B
DeKalb	DKC111-35RIB CK	VT2P	Y*	111	AC,P5V,EDC-EL
FS InVision	FS 5525VDG RIB	VT2PDG	Y	105	AC,P5V,EDC-EL
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V,EDC-EL
FS InVision	FS 5835V RIB	VT2P	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5935X RIB	STX	Y	109	AC,P5V,EDC-EL
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
Golden Harvest	G07G73-D	D	Y	107	AVC,C2,Vi,Va
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Hefty	H5655	TRE	N	106	HC
Hefty	H5862	VT2P	N	108	HC
Hefty	H5952	VT2P	N	109	HC
Hoegemeyer	7843AM	AM	Y	108	Lum, L1
Hoegemeyer	7858AM	AM	Y	108	Lum, L1
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
Kruger	K0783DP	VT2P	Y	107	AC,P5V
Kruger	K0858DP	VT2P	Y	108	AC,P5V
Kruger	K0915DD	VT2PDG	Y	109	AC,P5V
Kruger	K0957SP	STXP	Y	109	AC,P5V
LG Seeds	LG58C48VT2PRIB	VT2P	Y	108	AC, PV
Midwest Genetics	08-06VT2PRIB GC	VT2P	Y	108	AC, PV
Renk	RK703PWE	PCE	N	106	Lum,P5V
Renk	RK707TRE	TRE	N	105	AC,P5V,B300
Renk	RK720TRE	TRE	N	106	AC,P2
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Wyffels	W5019	STXP	N	107	AC,P5
Wyffels	W5086RIB	VT2P	Y	107	CM,C2,Vi,Va
Wyffels	W5406	VT2P	N	108	AC,P5
Wyffels	W6215	TRE	N	109	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.

2023 Corn - Iowa West Central [IAWC]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
DeKalb	DKC111-35RIB CK	VT2P	Y*	111	AC,P5V,EDC-EL
Dyna-Gro	D53TC23RIB	TRE	Y	113	AC,P5V
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Epley	E2215SS	STX	N	112	Vi5
FS InVision	FS 6217T RIB	TRE	Y	112	AC,P5V,EDC-EL
FS InVision	FS 6306T RIB	TRE	Y*	113	AC,P5V,EDC-EL
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V,EDC-EL
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V,EDC-EL
Golden Harvest	G13B17-AA	AA	Y	113	CM,C5,Va
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Va
Hefty	H6244	STX	N	112	HC
Hefty	H6263	VT2PDG	N	112	HC
Hefty	H6355	TRE	N	113	HC
Hoegemeyer	8110AM	AM	Y	111	Lum, L1
Hoegemeyer	8125AM	AM	Y	111	Lum, L1
Hoegemeyer	8454Q	QR	Y	114	Lum, L1
Hoegemeyer	8576AM	AM	Y	115	Lum, L1
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,SU+Zn
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P5V,SU+Zn
Integra	6588 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
Kruger	K1139SS	STX	Y	111	AC,P5V
Kruger	K1191DT	TRE	Y	111	AC,P5V
Kruger	K1364DT	TRE	Y	113	AC,P5V
Kruger	K1460DT	TRE	Y	114	AC,P5V
Kruger	K1562DT	TRE	Y	115	AC,P5V
LG Seeds	LG62C22VT2RIB	VT2P	Y	112	AC, PV
Renk	RK811PWE	PCE	N	111	Lum,P5V
Renk	RK876VT2P	VT2P	N	113	AC,P5V,B300
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Wyffels	W6886	VT2P	N	111	AC,P5
Wyffels	W7048	STX	N	111	AC,P5
Wyffels	W7759	STXP	N	113	AC,P5
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®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
PCE	PowerCore® Enlist®
QR	Qrome®
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
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-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,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, PV	Acceleron Unspecified, Poncho, Votivo
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
HC	Hefty Complete
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
Vi5	Vibrance® Cinco

* Seed treatments may include unspecified plant health promoting components.