

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

2023 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] SULLY, IA
Lawrence & Mike Van Zee, Jasper County, IA 50219

Early-Season Test	105 - 110 Day CRM B2023IAEC13a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist
SOIL DESCRIPTION:	Otley silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.5 pH, 4.3% OM, 17.2 CEC
PEST MANAGEMENT:	Bore Max, Stalwart, Glyphosate, Atrazine, Pro Pay
FERTILITY - Applied N:	120 Spring, 34 Foliar Rescue
Applied N-P-K (units):	154-0-0
SEEDED - RATE - ROW:	Apr 29 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 18 31.8 /A

TEST COMMENTS:

Planting conditions were very good and the plants emerged strong. At harvest, tar spot could be seen in the plot. Plants stood tall, and stalks were showing signs of weakness. Ears were large and full of girth with pollination to the tips. There was no weed pressure. This was a very nice looking plot that performed outstanding.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	6061 STXRIB ↗	STX	110	299.2	15.2	1	32.9	1457	1
Titan Pro	39-08 PCE ↗	PCE	108	291.3	14.5	1	30.9	1422	2
Kruger	K0957SP ↗	STXP	109	289.5	14.4	1	31.9	1413	3
Golden Harvest	G10B61-AA ↗	AA	110	289.3	14.6	1	31.9	1412	4
NuTech	66D1AM ↗	AM	106	288.6	14.2	1	30.9	1408	5
Midwest Genetics	EX0937 PCE GC ↗	PCE	109	287.5	14.3	1	32.9	1403	6
NuTech	70B4AM ↗	AM	110	287.0	14.4	1	32.9	1401	7
FS InVision	FS 6025X RIB ↗	STX	110	286.2	14.6	1	30.9	1397	8
Hefty	H5674 ↗	STXP	106	283.9	14.1	1	31.9	1385	9
FS InVision	FS 5935X RIB ↗	STX	109	283.8	14.9	2	30.9	1385	10
NuTech	70F6Q ↗	QR	110	283.0	14.9	1	32.9	1381	12
Wyffels	W5086RIB ↗	VT2P	107	282.0	14.1	1	31.9	1376	13
Hefty	H5862 ↗	VT2P	108	281.4	14.5	1	31.9	1373	14
Pioneer	P1027AM GC ↗	AM	110	280.5	14.9	1	30.9	1369	15
FS InVision	FS 5835V RIB ↗	VT2P	108	280.3	14.0	2	32.9	1368	16
Kruger	K0783DP ↗	VT2P	107	278.9	14.1	1	31.9	1361	17
Titan Pro	37-06 PCE ↗	PCE	106	278.4	14.1	1	31.9	1359	18
Hefty	H5952 ↗	VT2P	109	278.3	14.0	2	30.0	1358	19
Titan Pro	31-10 PCE ↗	PCE	110	277.7	14.4	1	31.9	1355	20
Midwest Genetics	08-06VT2PRIB GC ↗	VT2P	108	277.4	14.0	1	31.9	1354	21
Integra	5704 SSSPRO ↗	STXP	107	276.6	14.3	1	30.0	1350	22
NuTech	68A9AM ↗	AM	108	275.7	14.3	1	31.9	1345	23
Integra	5802 VT2PRIB ↗	VT2P	108	275.4	14.1	1	30.9	1344	24
Cornelius	C7021DP ↗	VT2P	110	275.2	14.2	1	32.9	1343	25
Kruger	K0915DD ↗	VT2PDG	109	272.7	14.0	1	30.9	1331	26
Kruger	K0858DP ↗	VT2P	108	271.7	14.0	2	31.9	1326	27
Wyffels	W6215 ↗	TRE	109	271.1	14.3	1	32.9	1323	28
FS InVision	FS 6017V RIB ↗	VT2P	110	269.9	14.5	2	30.9	1317	29
Renk	RK773TRE ↗	TRE	109	269.9	14.5	1	31.9	1317	30
Cornelius	C6847TRE ↗	TRE	108	268.0	14.0	2	33.8	1308	31
DEKALB	DKC111-35RIB CK	VT2P	111	283.5	14.9	1	32.9	1383	11
				Averages =	274.8	14.3	1	31.8	1341
				LSD (0.10) =	6.5	0.4	1		
				LSD (0.25) =	3.4	0.2	0		
				C.V. =	2.2				
				Historic yield: 226.95 bu/a, 12 yr(s)					



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.88

Report Date: 10/19/2023

† 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 B2023IAEC13b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
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SOIL DESCRIPTION:	Otley silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.5 pH, 4.3% OM, 17.2 CEC
PEST MANAGEMENT:	Bore Max, Stalwart, Glyphosate, Atrazine, Pro Pay
FERTILITY - Applied N:	120 Spring, 34 Foliar Rescue
Applied N-P-K (units):	154-0-0
SEEDED - RATE - ROW:	Apr 29 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 18 32.3 /A

TEST COMMENTS:

Planting conditions were very good and the plants emerged strong. At harvest, tar spot could be seen in the plot. Plants stood tall, and stalks were showing signs of weakness. Ears were large and full of girth with pollination to the tips. There was no weed pressure. This was a very nice looking plot that performed outstanding.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H6244 ↗	STX	112	296.7	15.7	1	32.9	1440	1
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	295.1	15.8	1	31.9	1430	3
NuTech	71A2AM ↗	AM	111	295.0	15.3	1	32.9	1436	2
Hefty	H6263 ↗	VT2PDG	112	293.4	15.6	1	31.9	1424	4
Cornelius	C7366DGDP ↗	VT2PDG	113	291.8	15.4	1	30.0	1419	5
Renk	RK811PWE ↗	PCE	111	291.3	15.7	1	30.9	1414	6
NuTech	73A6Q ↗	QR	113	291.0	16.0	1	31.9	1408	9
NuTech	73A4AM ↗	AM	113	290.7	15.9	1	31.9	1409	8
Kruger	K1139SS ↗	STX	111	290.2	15.5	1	31.9	1410	7
ProHarvest	83P66 VT2P ↗	VT2P	113	290.2	16.4	1	32.9	1400	11
Wyffels	W7759 ↗	STXP	113	288.5	15.5	1	32.9	1402	10
Wyffels	W6886 ↗	VT2P	111	288.5	16.4	1	31.9	1392	13
Integra	6244 PWE ↗	PCE	112	286.6	14.7	1	32.9	1399	12
FS InVision	FS 6217X RIB ↗	STX	112	286.2	16.0	1	33.8	1385	15
Kruger	K1191DT ↗	TRE	111	285.2	14.2	1	32.9	1392	14
Integra	6493 VT2PRIB ↗	VT2P	114	284.9	16.0	3	30.9	1379	18
FS InVision	FS 6432P RIB ↗	STXP	114	283.9	15.5	1	33.8	1379	19
Epley	E2109PWE ↗	PCE	111	283.6	15.1	1	32.9	1382	16
Golden Harvest	G11V76-AA ↗	AA	111	283.5	16.6	1	30.9	1365	22
Titan Pro	33-12 PCE ↗	PCE	112	283.4	16.5	1	31.9	1366	21
Wyffels	W7048 ↗	STX	111	283.3	15.2	1	31.9	1380	17
Integra	6588 VT2PRIB ↗	VT2P	115	282.3	16.1	1	31.9	1365	23
NuTech	74C4AM ↗	AM	114	281.2	15.7	1	33.8	1365	24
Kruger	K1562DT ↗	TRE	115	280.1	16.3	1	32.9	1353	27
Hefty	H6355 ↗	TRE	113	278.8	14.9	1	30.9	1361	25
FS InVision	FS 6595V RIB ↗	VT2P	115	278.2	15.4	1	31.9	1353	28
ProHarvest	84P78 TRERIB ↗	TRE	114	278.1	15.2	1	30.9	1355	26
Renk	RK958VT2P ↗	VT2P	115	277.9	16.2	1	31.9	1343	29
Titan Pro	28-14 PCE ↗	PCE	114	276.0	16.0	1	34.8	1336	30
Renk	RK895DGVT2P ↗	VT2PDG	113	275.3	15.7	1	31.9	1336	31
DEKALB	DKC111-35RIB CK	VT2P	111	283.1	15.9	1	30.9	1371	20
				Averages =	280.5	15.7	1	32.3	1361
				LSD (0.10) =	5.8	0.5	1		
				LSD (0.25) =	3.1	0.3	0		
				C.V. =	2.0				
				Historic yield: 226.95 bu/a, 12 yr(s)					



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$4.88

Report Date: 10/19/2023

† 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

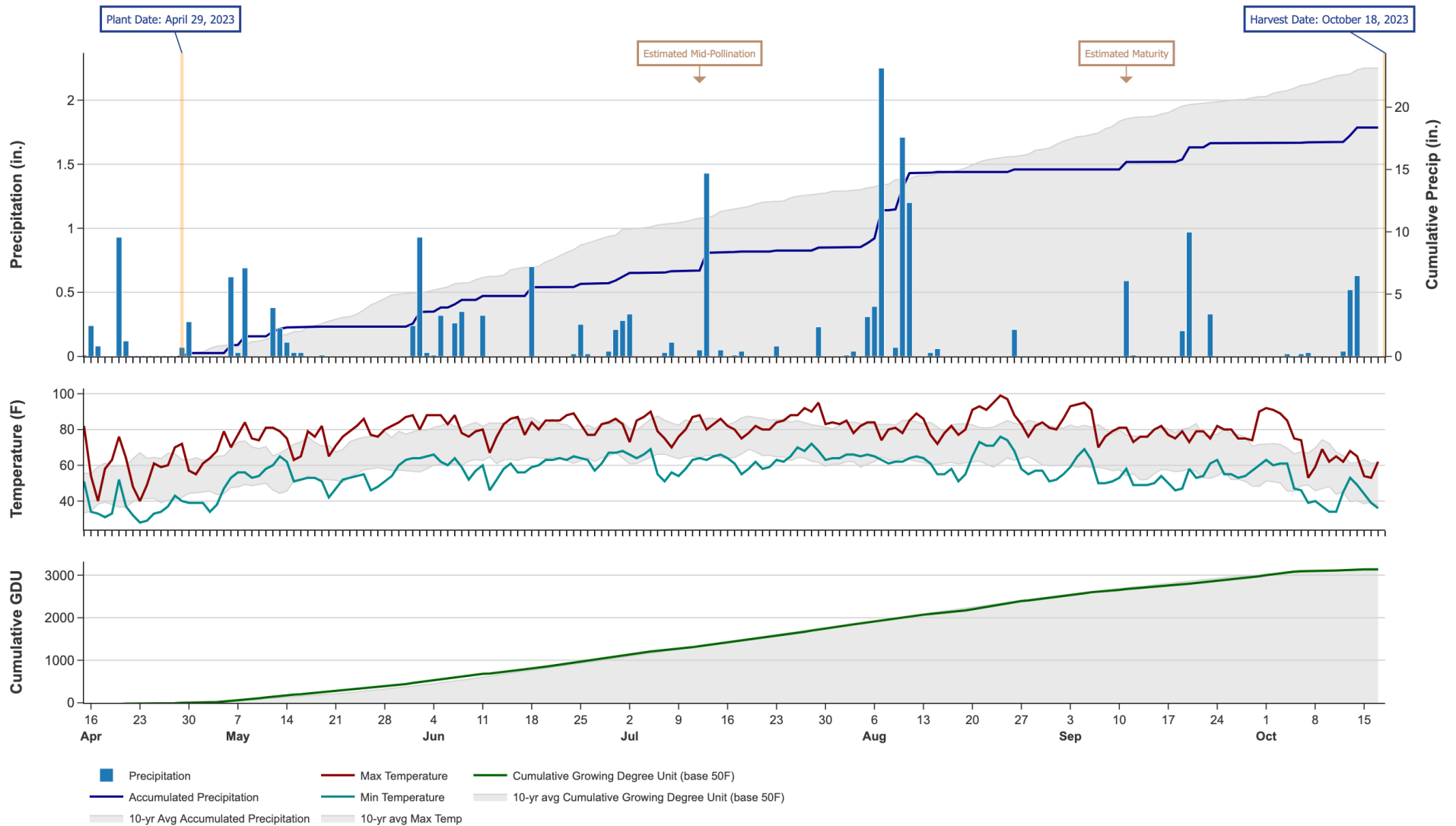
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2023 Corn - Iowa East Central [IAEC]

Weather Conditions Summary at SULLY, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.7 1.9 (-0.2)	2.1 4.9 (-2.8)	3.7 4.7 (-1.0)	2.6 3.5 (-0.9)	6.3 3.5 (+2.8)	2.1 4.1 (-2.0)	1.3 2.3 (-1.0)	19.8 24.9 (-5.1)
GDU Avg (Diff)	58 71 (-13)	441 367 (+73)	642 674 (-32)	688 749 (-61)	692 695 (-3)	512 517 (-5)	160 142 (+17)	3193 3217 (-24)



* 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 East Central [IAEC]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Cornelius	C6578PC	PCE	N	105	AC,P5V
Cornelius	C6847TRE	TRE	N	108	AVC
Cornelius	C7021DP	VT2P	N	110	AVC
DeKalb	DKC111-35RIB CK	VT2P	Y*	111	AC,P5V,EDC-EL
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
Epley	E1512SS	STX	N	105	Vi5
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 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G10D21-VZ	VZ	Y	110	AVC,C5,Vi,Va
Hefty	H5674	STXP	Y	106	HC
Hefty	H5862	VT2P	N	108	HC
Hefty	H5944	STX	N	109	HC
Hefty	H5952	VT2P	N	109	HC
Integra	5704 SSPRO	STXP	Y	107	AC,P5V
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
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
Midwest Genetics	EX0937 PCE GC	PCE	Y	109	AC, PV
NuTech	65D3Q	QR	Y	105	Lum, L1
NuTech	66D1AM	AM	Y	106	Lum, L1
NuTech	68A9AM	AM	Y	108	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	70F6Q	QR	Y	110	Lum, L1
Pioneer	P1027AM GC	AM	Y	110	Lum, L1
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
Titan Pro	31-10 PCE	PCE	N	110	CM,C2,Vi,Va
Titan Pro	37-06 PCE	PCE	N	106	CM,C2,Vi,Va
Titan Pro	39-08 PCE	PCE	N	108	CM,C2,Vi,Va
Wyffels	W5019	STXP	N	107	AC,P5

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
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 East Central [IAEC]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Cornelius	C7202SSP	STXP	N	112	AC,P5V,EDC-EL
Cornelius	C7235PC	PCE	N	112	CM,C2,Vi,Va
Cornelius	C7366DGDP	VT2PDG	N	113	AVC
DeKalb	DKC111-35RIB CK	VT2P	Y*	111	AC,P5V,EDC-EL
Epley	E2109PWE	PCE	N	111	Vi5
FS InVision	FS 6217X RIB	STX	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	G11V76-AA	AA	Y	111	CM,C5,Va
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Va
Hefty	H6244	STX	N	112	HC
Hefty	H6252	VT2P	N	112	HC
Hefty	H6263	VT2PDG	N	112	HC
Hefty	H6355	TRE	N	113	HC
Integra	6244 PWE	PCE	N	112	AC,P5V
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	LG64C20-5222	DV	Y	114	AC,P5V
NuTech	71A2AM	AM	Y	111	Lum, L1
NuTech	72A5Q	QR	Y	112	Lum, L1
NuTech	73A4AM	AM	Y	113	Lum, L1
NuTech	73A6Q	QR	Y	113	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
Pioneer	P13050AM GC	AM	Y	113	Lum, L1
ProHarvest	83P33 DGVT2PRIB	VT2PDG	Y	113	AC,P5V,Va
ProHarvest	83P66 VT2P	VT2P	N	113	AC,P5V,Va
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
Renk	RK811PWE	PCE	N	111	Lum,P5V
Renk	RK895DGVT2P	VT2PDG	N	113	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Titan Pro	28-14 PCE	PCE	N	114	CM,C2,Vi,Va
Titan Pro	33-12 PCE	PCE	N	112	CM,C2,Vi,Va
Wyffels	W6886	VT2P	N	111	AC,P5
Wyffels	W7048	STX	N	111	AC,P5

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W7759	STXP	N	113	AC,P5
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086	VT2P	N	114	AC,P5

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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®
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®
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,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,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AC, PV	Acceleron Unspecified, Poncho, Votivo
AVC	Avicta® Complete Corn
AVC,C5,Vi,Va	Avicta Complete 500, 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.