

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

## 2023 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] PALO, IA  
Jason Kwapil, Linn County, IA 52324

<b>Early-Season Test</b>	105 - 110 Day CRM B2023IAEC14a
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / NA
<b>SOIL DESCRIPTION:</b>	Floyd loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, very high P, low K, 7.5 pH, 3.6% OM, 18.5 CEC
<b>PEST MANAGEMENT:</b>	Acruron, Atz, Dyfex Duo, Round Up,
<b>FERTILITY - Applied N:</b>	150 Fall, 25 Foliar Rescue
<b>Applied N-P-K (units):</b>	175-32-54
<b>SEDED - RATE - ROW:</b>	Apr 29 35.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 5 32.7 /A

### TEST COMMENTS:

Planting conditions were the only thing that was good for this plot. The site only received 2 rainfalls with just an inch each time all growing season. The plot was 10 inches below normal. At harvest, plants were short, but standing well with small slender ears. Pollination problems could be seen from tipback to aborted kernels. Jason said that test weight was very light and there was variability of yields in the same fields,

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK766SSPRO ↗	STXP	109	<b>199.1</b>	14.7	1	32.9	972	1
Titan Pro	31-10 PCE ↗	PCE	110	<b>194.1</b>	15.0	3	32.9	947	2
Integra	5704 SSSPRO ↗	STXP	107	<b>191.7</b>	14.6	1	31.9	935	3
Wyffels	W5019 ↗	STXP	107	<b>191.6</b>	14.8	1	32.9	935	4
Kruger	K0957SP ↗	STXP	109	<b>191.5</b>	14.7	1	33.8	935	5
Integra	6061 STXRIB ↗	STX	110	<b>189.9</b>	15.0	1	33.8	927	7
Hefty	H5674 ↗	STXP	106	<b>184.1</b>	14.8	1	32.9	898	8
NuTech	70F6Q ↗	QR	110	<b>183.9</b>	15.0	1	32.9	897	9
Kruger	K0783DP ↗	VT2P	107	<b>182.0</b>	14.8	1	32.9	888	10
NuTech	65D3Q ↗	QR	105	<b>181.8</b>	14.8	1	32.9	887	11
Wyffels	W5406 ↗	VT2P	108	<b>181.2</b>	14.9	1	31.9	884	12
FS InVision	FS 5725X RIB ↗	STX	107	<b>180.3</b>	14.5	1	31.9	880	13
Cornelius	C6578PC ↗	PCE	105	179.6	14.7	1	32.9	876	14
Wyffels	W5086RIB ↗	VT2P	107	179.1	15.0	2	32.9	874	15
FS InVision	FS 5935X RIB ↗	STX	109	177.8	15.3	1	31.9	865	16
LG Seeds	LG58C48VT2PRIB ↗	VT2P	108	177.2	14.7	1	31.9	865	17
FS InVision	FS 6017V RIB ↗	VT2P	110	176.4	14.7	2	32.9	861	18
NuTech	70B4AM ↗	AM	110	176.1	15.2	1	31.9	858	19
FS InVision	FS 6025X RIB ↗	STX	110	175.6	15.3	1	32.9	855	20
Epley	E1512SS ↗	STX	105	172.1	14.4	1	31.9	840	21
Hefty	H5952 ↗	VT2P	109	171.7	14.9	1	32.9	838	22
Wyffels	W6215 ↗	TRE	109	170.9	14.7	1	32.9	834	23
Pioneer	P1027AM GC ↗	AM	110	170.3	15.1	1	33.8	830	24
Integra	5802 VT2PRIB ↗	VT2P	108	169.9	14.5	1	32.9	829	25
FS InVision	FS 5835V RIB ↗	VT2P	108	167.1	14.9	1	31.9	815	26
Hefty	H5862 ↗	VT2P	108	166.0	14.9	1	31.9	810	27
NuTech	68A9AM ↗	AM	108	165.1	14.8	1	32.9	806	28
Midwest Genetics	08-06VT2PRIB GC ↗	VT2P	108	164.9	15.1	1	33.8	804	29
NuTech	66D1AM ↗	AM	106	164.5	14.6	1	32.9	803	30
Cornelius	C7021DP ↗	VT2P	110	164.1	14.7	3	33.8	801	31
DEKALB	DKC111-35RIB CK	VT2P	111	190.0	15.0	1	33.8	927	6



Randy Meinsma

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Averages = **171.3** **14.8** **2** **32.7** **836**

LSD (0.10) = 8.7 0.4 ns

LSD (0.25) = 4.6 0.2 ns

C.V. = 4.8

Historic yield: 203.28 bu/a, 11 yr(s)

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

Report Date: 11/05/2023

† 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

Iowa East Central [IAEC] PALO, IA  
Jason Kwapil, Linn County, IA 52324

<b>Full-Season Test</b>	111 - 115 Day CRM B2023IAEC14b
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / NA
<b>SOIL DESCRIPTION:</b>	Floyd loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, very high P, low K, 7.5 pH, 3.6% OM, 18.5 CEC
<b>PEST MANAGEMENT:</b>	Acruron, Atz, Dyfex Duo, Round Up,
<b>FERTILITY - Applied N:</b>	150 Fall, 25 Foliar Rescue
<b>Applied N-P-K (units):</b>	175-32-54
<b>SEDED - RATE - ROW:</b>	Apr 29 35.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 5 32.8 /A

### TEST COMMENTS:

Planting conditions were the only thing that was good for this plot. The site only received 2 rainfalls with just an inch each time all growing season. The plot was 10 inches below normal. At harvest, plants were short, but standing well with small slender ears. Pollination problems could be seen from tipback to aborted kernels. Jason said that test weight was very light and there was variability of yields in the same fields,

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K1562DT ↗	TRE	115	<b>181.3</b>	15.4	1	31.9	882	1
FS InVision	FS 6432P RIB ↗	STXP	114	<b>180.3</b>	15.0	1	33.8	880	2
Wyffels	W7759 ↗	STXP	113	<b>180.0</b>	15.0	1	32.9	878	3
Cornelius	C7202SSP ↗	STXP	112	<b>176.9</b>	15.5	1	31.9	860	4
Wyffels	W8086 ↗	VT2P	114	<b>174.2</b>	14.9	2	31.9	850	5
FS InVision	FS 6217X RIB ↗	STX	112	<b>172.9</b>	14.7	1	32.9	844	6
Hefty	H6244 ↗	STX	112	<b>171.5</b>	15.1	1	31.9	836	7
LG Seeds	LG64C20-5222 ↗	DV	114	<b>168.9</b>	15.0	1	33.8	824	8
Kruger	K1460DT ↗	TRE	114	<b>167.9</b>	15.3	1	32.9	817	9
FS InVision	FS 6595V RIB ↗	VT2P	115	<b>167.4</b>	15.3	1	31.9	815	10
Renk	RK811PWE ↗	PCE	111	<b>166.3</b>	15.1	3	31.9	811	11
Renk	RK958VT2P ↗	VT2P	115	<b>164.8</b>	15.2	1	32.9	803	12
NuTech	72A5Q ↗	QR	112	<b>163.9</b>	14.7	1	33.8	800	13
Wyffels	W7048 ↗	STX	111	163.7	15.6	1	32.9	795	14
Cornelius	C7366DGDP ↗	VT2PDG	113	162.2	14.8	1	32.9	792	16
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	161.3	15.1	1	31.9	786	17
Integra	6588 VT2PRIB ↗	VT2P	115	160.4	16.0	1	32.9	777	18
Integra	6244 PWE ↗	PCE	112	157.8	14.9	7	33.8	770	19
Integra	6493 VT2PRIB ↗	VT2P	114	157.7	15.2	1	32.9	768	20
Kruger	K1191DT ↗	TRE	111	156.4	14.9	1	33.8	763	21
Kruger	K1139SS ↗	STX	111	156.1	15.2	1	32.9	760	22
FS InVision	FS 6306T RIB ↗	TRE	113	155.7	15.1	4	31.9	759	23
Wyffels	W6886 ↗	VT2P	111	151.4	15.3	1	33.8	737	24
Epley	E2109PWE ↗	PCE	111	149.4	14.8	22	32.9	729	25
NuTech	73A6Q ↗	QR	113	148.5	15.3	2	32.9	723	26
Titan Pro	28-14 PCE ↗	PCE	114	147.8	15.0	2	31.9	721	27
Renk	RK915VT2P ↗	VT2P	115	147.3	15.3	1	31.9	717	28
ProHarvest	84P78 TRERIB ↗	TRE	114	147.1	15.6	1	33.8	715	29
NuTech	74C4AM ↗	AM	114	145.6	15.1	1	31.9	710	30
Hefty	H6252 ↗	VT2P	112	144.1	14.6	2	33.8	703	31
DEKALB	DKC111-35RIB CK	VT2P	111	162.4	14.9	1	32.9	793	15
				<b>Averages =</b>	<b>154.2</b>	<b>15.1</b>	<b>4</b>	<b>32.8</b>	<b>752</b>
				LSD (0.10) =	9.6	0.3	8		
				LSD (0.25) =	5.0	0.2	4		
				C.V. =	5.9				
				Historic yield: 203.28 bu/a, 11 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: 11/05/2023

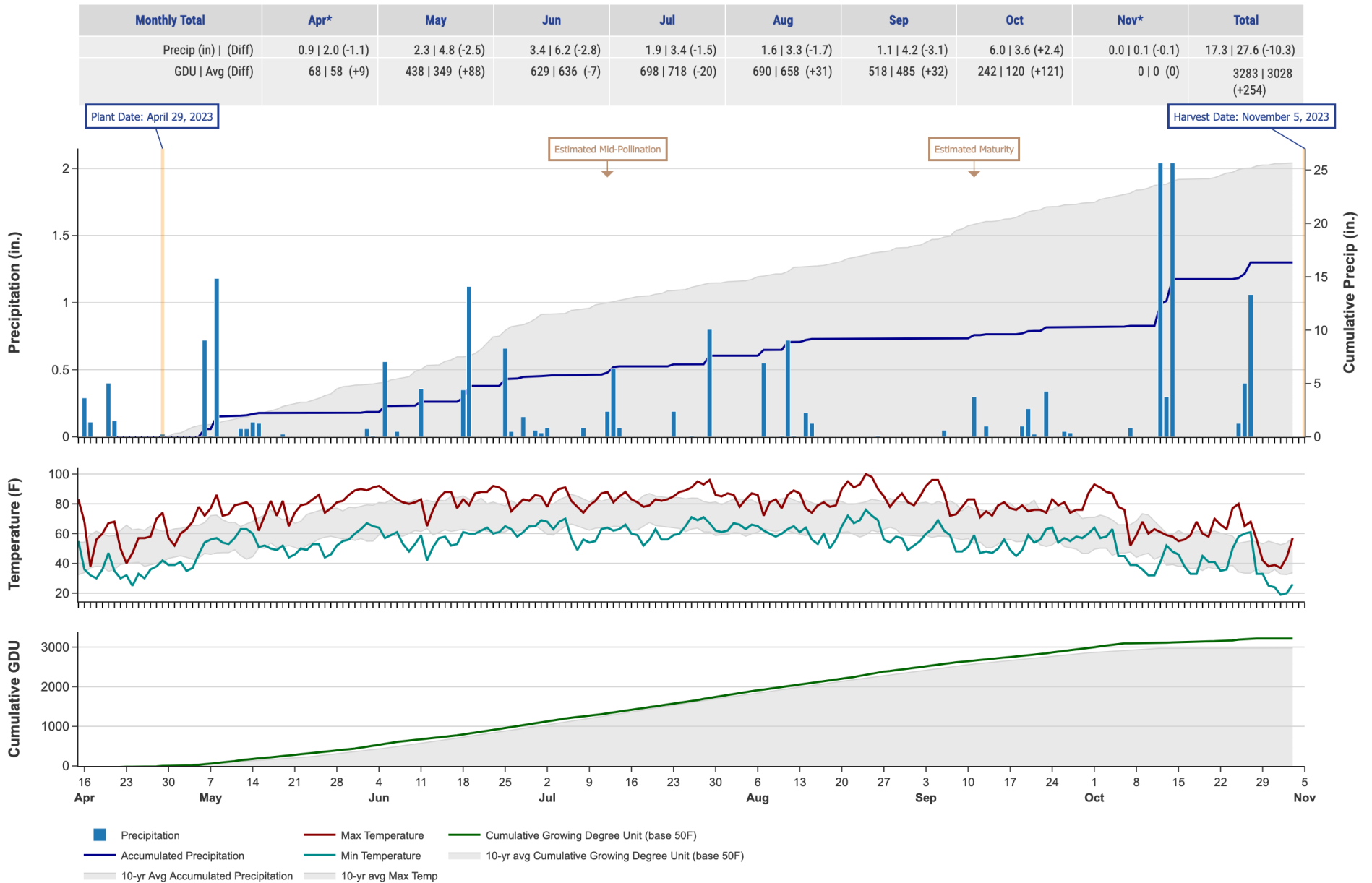
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly 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 PALO, IA



\* 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

\* 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

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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

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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\*

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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.