

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

## 2023 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TUSCOLA, IL

Silver Top Enterprises, Curt Clapper, Douglas County, IL  
61953

**Early-Season Test** 105 - 111 Day CRM  
B2023ILEC23a

**Top 30 of 45** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Soybeans / Zidua Pro,  
Glyphosate 5, Flexstar Gt

**SOIL DESCRIPTION:** Flanagan, Drummer silt loam,  
well drained, non-irrigated

**SOIL CONDITION:** Conventional W/O Fall Till,  
medium P, high K, 5.7 pH, 3.9%  
OM, 18.0 CEC

**PEST MANAGEMENT:** Halex Gt, Atrazine, Force 3g,  
Miravis Neo

**FERTILITY - Applied N:** 140 Spring, 30 Sidedress

**Applied N-P-K (units):** 170-0-0

**SEEDED - RATE - ROW:** Apr 27 37.5 /A 30" spacing

**HARVESTED - STAND:** Oct 8 29.0 /A

### TEST COMMENTS:

*This location was planted in late April in somewhat chilly temperatures and good ground moisture. Not long after planting this area had a very large rain in a short period of time with water standing in areas of the plot. Emergence definitely struggled in those areas where water stood. A hot and dry June gave even more stress to a crop that had already endured early struggles. Come July and August it either had 1 tenth or 3 inches of rain whenever it did rain. Plants were short at harvest with smaller cobs 3/4" to 1" tip back, and smaller spindly stalks. Very little disease was observed in this entire area. Overall with the growing season taken into consideration, we were very surprised at how well the plot came through!*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Burrus	POWER PLUS 5J21AM ↗	AM	110	<b>259.4</b>	16.9	3	30.4	1174	1
Wyffels	W6886 ↗	VT2P	111	<b>254.6</b>	18.9	3	29.5	1131	3
Sun Prairie	SP2562 ↗	TRE	109	<b>252.0</b>	17.4	3	30.4	1135	2
NK Brand	NK1188-AA ↗	AA	111	<b>250.7</b>	18.7	5	28.6	1116	4
Wyffels	W5406 ↗	VT2P	108	<b>245.8</b>	17.6	3	26.8	1105	5
Renk	RK811PWE ↗	PCE	111	<b>244.9</b>	18.2	2	31.3	1095	7
DeKalb	DKC59-82RIB GC ↗	VT2P	109	<b>241.7</b>	16.6	4	28.6	1096	6
Wyffels	W6215 ↗	TRE	109	<b>240.5</b>	16.9	2	26.8	1088	8
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	237.6	20.0	4	30.4	1045	15
LG Seeds	LG61C34STXRIB ↗	STXP	111	237.3	17.9	3	31.3	1064	12
Purple Ribbon	24A09 ↗	VT2P	109	237.0	15.6	5	30.4	1085	9
Golden Harvest	G10B61-AA ↗	AA	110	235.9	18.4	2	30.4	1053	13
Integra	CXINT108VT ↗	VT2P	108	235.2	15.5	4	31.3	1078	10
FS InVision	FS 6017V RIB ↗	VT2P	110	234.8	16.1	3	26.8	1070	11
DeKalb	DKC110-10RIB GC ↗	STX	110	232.1	19.0	2	29.5	1031	17
Wyffels	W7048 ↗	STX	111	231.2	19.6	2	26.8	1021	19
Integra	5802 VT2PRIB ↗	VT2P	108	231.0	16.3	2	30.4	1051	14
NK Brand	NK1040-AA ↗	AA	110	228.8	17.1	1	25.9	1033	16
NuTech	70B4AM ↗	AM	110	228.7	18.8	1	30.4	1017	22
AgVenture	AV6010AM ↗	AM	110	228.0	18.1	3	28.6	1021	20
LG Seeds	LG58C48VT2PRIB ↗	VT2P	108	227.6	17.4	6	31.3	1025	18
Renk	RK773TRE ↗	TRE	109	226.1	18.1	2	28.6	1012	24
Purple Ribbon	23A08 ↗	VT2P	108	225.4	17.4	5	29.5	1015	23
Dyna-Gro	D50VC09RIB ↗	VT2P	110	225.4	17.1	1	31.3	1018	21
AgVenture	AV2411AM ↗	AM	111	223.5	18.2	2	30.4	1000	26
NuTech	70F6Q ↗	QR	110	221.1	16.4	2	25.9	1005	25
Burrus	POWER PLUS 5L44AM ↗	AM	110	219.0	16.4	3	28.6	995	27
FS InVision	FS 5935X RIB ↗	STX	109	218.1	18.1	4	28.6	976	30
Wyffels	W5778RIB ↗	STX	109	218.1	17.3	2	31.3	983	28
Renk	RK707TRE ↗	TRE	105	212.6	13.8	6	26.8	978	29
PIONEER	P1108Q CK	QR	111	190.4	19.6	3	31.3	841	43
				Averages =	<b>223.3</b>	<b>17.4</b>	<b>3</b>	<b>29.0</b>	<b>1005</b>
				LSD (0.10) =	16.3	1.1	ns		
				LSD (0.25) =	8.6	0.6	ns		
				C.V. =	6.9				
				Historic yield: 180.6 bu/a, 26 yr(s)					

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.60

Report Date: 10/08/2023

† 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

Illinois East Central [ILEC] TUSCOLA, IL

Silver Top Enterprises, Curt Clapper, Douglas County, IL  
61953

**Full-Season Test** 112 - 116 Day CRM  
B2023ILEC23b

**Top 30 of 54** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Soybeans / Zidua Pro,  
Glyphosate 5, Flexstar Gt

**SOIL DESCRIPTION:** Flanagan, Drummer silt loam,  
well drained, non-irrigated

**SOIL CONDITION:** Conventional W/O Fall Till,  
medium P, high K, 5.7 pH, 3.9%  
OM, 18.0 CEC

**PEST MANAGEMENT:** Halex Gt, Atrazine, Force 3g,  
Miravis Neo

**FERTILITY - Applied N:** 140 Spring, 30 Sidedress

**Applied N-P-K (units):** 170-0-0

**SEEDED - RATE - ROW:** Apr 27 37.5 /A 30" spacing

**HARVESTED - STAND:** Oct 8 29.9 /A

### TEST COMMENTS:

*This location was planted in late April in somewhat chilly temperatures and good ground moisture. Not long after planting this area had a very large rain in a short period of time with water standing in areas of the plot. Emergence definitely struggled in those areas where water stood. A hot and dry June gave even more stress to a crop that had already endured early struggles. Come July and August it either had 1 tenth or 3 inches of rain whenever it did rain. Plants were short at harvest with smaller cobs 3/4" to 1" tip back, and smaller spindly stalks. Very little disease was observed in this entire area. Overall with the growing season taken into consideration, we were very surprised at how well the plot came through!*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ProHarvest	84P78 TRERIB ↗	TRE	114	<b>263.4</b>	19.4	2	29.5	1165	1
LG Seeds	LG63C82VTDG ↗	VT2PDG	113	<b>251.1</b>	19.2	1	29.5	1113	3
Great Heart	HT-7256DGV2P ↗	VT2PDG	112	<b>249.4</b>	18.2	1	30.4	1115	2
ProHarvest	8360 VT2PRIB ↗	VT2P	113	<b>247.6</b>	18.7	1	29.5	1103	5
DeKalb	DKC65-95RIB GC ↗	VT2P	115	<b>247.4</b>	19.3	1	29.5	1095	8
AgVenture	AV3213AM ↗	AM	113	<b>245.7</b>	17.3	2	29.5	1107	4
FS InVision	FS 6432P RIB ↗	STXP	114	<b>245.1</b>	17.6	3	30.4	1102	6
ProHarvest	83P66 VT2P ↗	VT2P	113	243.0	16.9	5	30.4	1100	7
Stone	1304TRE ↗	TRE	113	243.0	19.3	3	32.2	1076	11
Renk	RK876VT2P ↗	VT2P	113	242.8	20.3	2	32.2	1066	15
Golden Harvest	G15J91-V ↗	V	115	241.8	19.4	1	31.3	1070	13
NuTech	74C4AM ↗	AM	114	241.7	18.2	1	29.5	1081	9
Integra	6493 VT2PRIB ↗	VT2P	114	240.9	19.5	1	29.5	1065	16
Wyffels	W8108 ↗	STX	114	240.4	20.4	2	32.2	1054	21
Wyffels	W7876RIB ↗	VT2P	114	239.9	19.1	1	31.3	1064	18
Renk	RK958VT2P ↗	VT2P	115	239.7	18.9	3	35.7	1065	17
Great Heart	HT-7500TRE ↗	TRE	115	239.4	20.5	4	32.2	1048	22
NuTech	73A6Q ↗	QR	113	239.4	18.1	3	28.6	1072	12
FS InVision	FS 6627T RIB ↗	TRE	116	239.2	17.5	4	30.4	1077	10
FS InVision	FS 6217X RIB ↗	STX	112	238.6	17.9	2	28.6	1070	14
NuTech	73A4AM ↗	AM	113	235.3	17.7	3	32.2	1057	20
Sun Prairie	SP2789 ↗	VT2P	113	235.0	20.1	3	30.4	1033	26
Stone	1504TRE ↗	TRE	115	234.9	19.6	2	28.6	1038	25
Wyffels	W8086 ↗	VT2P	114	234.7	19.3	3	30.4	1039	24
Wyffels	W7945RIB ↗	TRE	114	233.2	18.5	5	33.1	1040	23
Integra	6274 VT2PRIB ↗	VT2P	112	232.6	16.1	1	29.5	1060	19
Great Heart	HT-7329PCE ↗	PCE	113	232.4	19.1	1	27.7	1031	28
FS InVision	FS 6625V RIB ↗	VT2P	116	231.8	18.7	2	31.3	1032	27
Renk	RK907SSTX ↗	STX	115	230.9	18.3	2	28.6	1031	29
NK Brand	NK1333-AA ↗	AA	113	228.0	17.5	2	28.6	1026	30
PIONEER	P1108Q CK	QR	111	194.0	17.1	4	24.1	876	54
				Averages =	<b>231.5</b>	<b>18.8</b>	<b>2</b>	<b>29.9</b>	<b>1030</b>
				LSD (0.10) =	13.6	1.3	ns		
				LSD (0.25) =	7.1	0.7	ns		
Nathan Roux				C.V. =	5.6				
nathan.g.roux@gmail.com, (815) 716-3794								Historic yield: 180.6 bu/a, 26 yr(s)	

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.60

Report Date: 10/08/2023

† 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

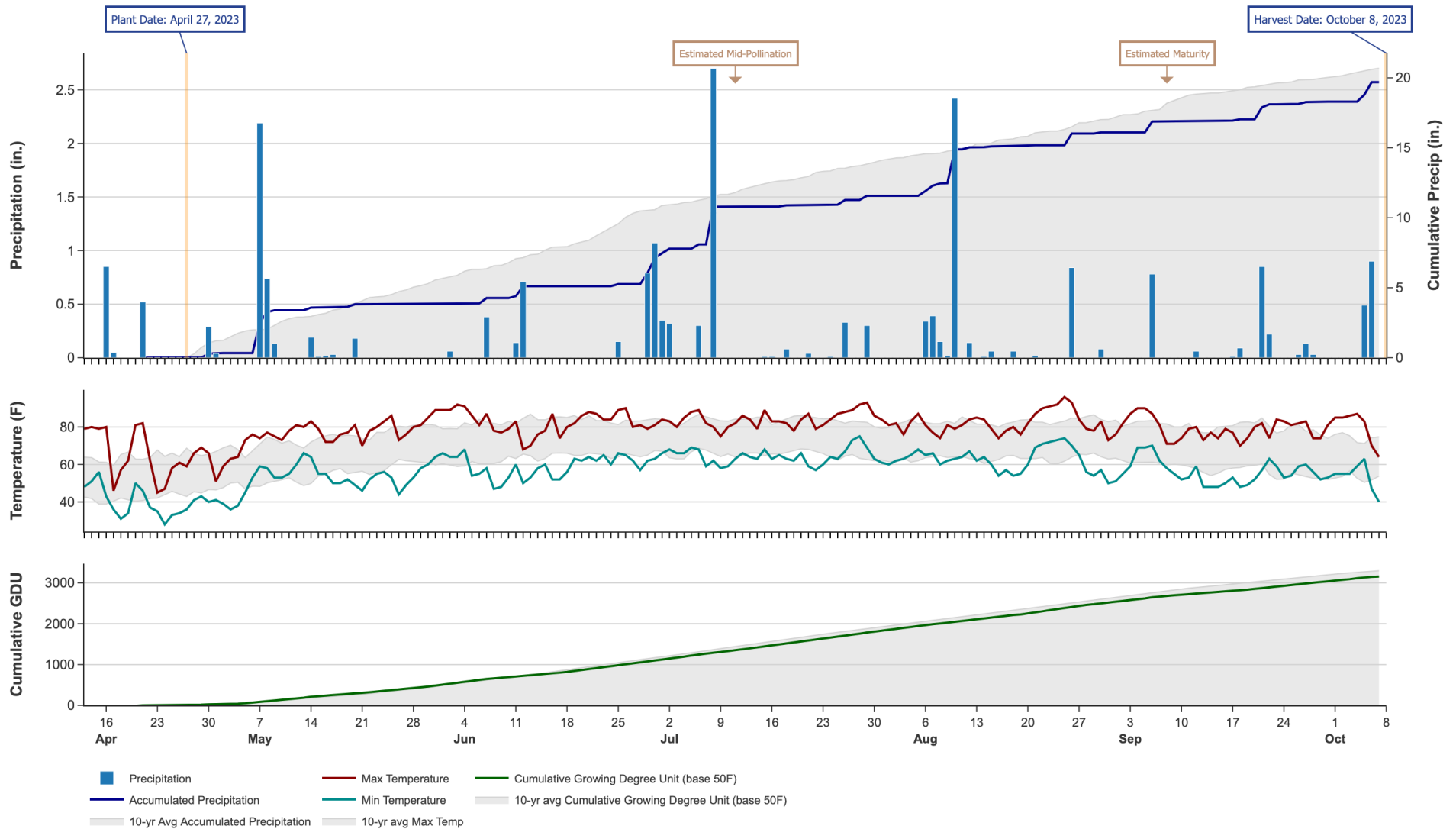
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# 2023 Corn - Illinois East Central [ ILEC ]

## Weather Conditions Summary at TUSCOLA, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	1.7   3.0 (-1.3)	3.5   4.5 (-1.0)	3.3   5.0 (-1.7)	4.5   3.5 (+0.9)	4.5   2.9 (+1.6)	2.2   3.0 (-0.8)	1.4   0.7 (+0.7)	21.1   22.6 (-1.5)
GDU   Avg (Diff)	120   118 (+1)	458   443 (+14)	610   698 (-88)	736   757 (-21)	679   710 (-31)	522   566 (-44)	123   95 (+27)	3248   3391 (-143)



\* 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 - Illinois East Central [ ILEC ]

### Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV2208AM	AM	Y	108	Lum, L1
AgVenture	AV2411AM	AM	Y	111	Lum, L1
AgVenture	AV6010AM	AM	Y	110	Treated
AgVenture	AV9610AM	AM	Y	110	Lum, L1
Augusta	A1958-DV	DV	N	108	CM,C2
Burrus	POWER PLUS 5J21AM	AM	Y	110	Lum, L1
Burrus	POWER PLUS 5L44AM	AM	Y	110	BPS
DeKalb	DKC110-10RIB GC	STX	Y	110	AC,P5V,EDC-EL
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5V,EDC-EL
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
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
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V,EDC-EL
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Great Heart	HT-7044VT2P	VT2P	Y	110	P5V
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
LG Seeds	LG58C48VT2PRIB	VT2P	Y	108	AC,P5V
LG Seeds	LG61C34STXRIB	STXP	Y*	111	AC,P5V
NK Brand	NK1040-AA	AA	Y	110	CM,C5,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Va
NuTech	66C2Q	QR	Y	106	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	P1108Q CK	QR	Y	111	Lum, L1
Purple Ribbon	23A08	VT2P	Y	108	AC,P2
Purple Ribbon	23A10	VT2P	Y	110	AC,P2
Purple Ribbon	23A11 TRE	TRE	Y	111	AC,P2
Purple Ribbon	24A09	VT2P	Y	109	AC,P2
Renk	RK703PWE	PCE	N	106	Lum,P5V
Renk	RK707TRE	TRE	N	105	AC,P5V,B300
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Sun Prairie	SP2562	TRE	N	109	AC
Wyffels	W5406	VT2P	N	108	AC,P5
Wyffels	W5778RIB	STX	Y	109	CM,C2,Vi,Va

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W6215	TRE	N	109	CM,C2,Vi,Va
Wyffels	W6886	VT2P	N	111	AC,P5
Wyffels	W7048	STX	N	111	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.

## 2023 Corn - Illinois East Central [ ILEC ]

### Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV2816AM	AM	Y	116	Lum, L1
AgVenture	AV3213AM	AM	Y	113	Lum, L1
AgVenture	AV7913AM	AM	Y	113	Lum, L1
Brevant	B14H38AM GC	AM	Y	114	Lum, L1
Burrus	7F33 VT2P	VT2P	Y	114	Lum, L1-2023
Burrus	7P71 VT2P	VT2P	Y	115	AC,P5V,EDC-B
DeKalb	DKC64-64RIB GC	STX	Y	114	AC,P5V,EDC-EL
DeKalb	DKC65-95RIB GC	VT2P	Y	115	AC,P5V,EDC-EL
DeKalb	DKC66-18RIB GC	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6217X RIB	STX	Y	112	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
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,EDC-EL
Golden Harvest	G14B32-DV	DV	Y	114	AVC,C1,Va
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Va
Great Heart	HT-7256DGV2P	VT2PDG	Y	112	P5V
Great Heart	HT-7317VT2P	VT2P	N	113	P5V
Great Heart	HT-7329PCE	PCE	N	113	P5V
Great Heart	HT-7499TRE	TRE	Y	114	P5V
Great Heart	HT-7500TRE	TRE	N	115	P5V
Integra	6244 PWE	PCE	N	112	AC,P5V
Integra	6274 VT2PRIB	VT2P	Y	112	AC,P5V
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P5V,SU+Zn
LG Seeds	LG63C82VTDG	VT2PDG	Y*	113	AC,P5V
LG Seeds	LG66C06VT2RIB	VT2P	Y*	116	AC,P5V
NK Brand	NK1333-AA	AA	Y	113	CM,C5,Va
NK Brand	NK1480-DV	DV	Y	114	AVC,C1,Va
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
NuTech	75C1AM	AM	Y	115	Lum, L1
Pioneer	P1108Q CK	QR	Y	111	Lum, L1
Pioneer	P1278Q GC	QR	Y	112	Lum, L1
ProHarvest	8360 VT2PRIB	VT2P	Y*	113	AC,P5V,Va
ProHarvest	83P66 VT2P	VT2P	N	113	AC,P5V,Va
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
Purple Ribbon	23A12	VT2PDG	Y	112	AC,P2
Renk	RK876VT2P	VT2P	N	113	AC,P5V,B300
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK907SSTX	STX	N	115	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Stone	1304TRE	TRE	Y	113	AC,P5V
Stone	1504TRE	TRE	Y	115	AC,P5V
Stone	6542RIB	VT2P	Y	115	AC,P2,B360
Sun Prairie	SP2788	VT2P	N	113	AC
Sun Prairie	SP2789	VT2P	N	113	AC
Wyffels	W7759	STXP	N	113	AC,P5
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
Wyffels	W8108	STX	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®

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NOTE: The refuge component genetics may vary in a refuge blend seed product.

## Corn Seed Treatments\*

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NA	Not Available
AC	Acceleron® unspecified
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
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 PhycTerra® ST
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Lum, L1	LumiGEN, Lumisure 1250
Lum, L1-2023	LumiGEN 1250, Zeltera, Lumivia, Lumialza, Serifel®, Lumiflex, 2023
Lum,P5V	LumiGEN™ Poncho 500/Votivo
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

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\* Seed treatments may include unspecified plant health promoting components.