

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

## 2024 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] PENFIELD, IL  
Jeff & Evan Suits, Champaign County, IL

**Early-Season Test** 105 - 111 Day CRM  
B2024ILEC20a

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

**PREV. CROP/HERB:** Soybeans / Zidua Pro,  
Metrobuzin, Roundup  
Powermax, Liberty

**SOIL DESCRIPTION:** Ashkum silty clay loam, mod.  
well drained, non-irrigated

**SOIL CONDITION:** Conventional W/ Fall Till, high P,  
very high K, 6.3 pH, 3.8% OM,  
19.5 CEC

**PEST MANAGEMENT:** Harness Xtra, Laudis, Roundup  
Powermax 3, Headline Amp,  
Force, Fence, Bifenthrin

**FERTILITY - Applied N:** 160 Fall, 38 Spring, 35 Planter

**Applied N-P-K (units):** 233-92-120

**SEEDED - RATE - ROW:** May 18 37.5 /A 30" spacing

**HARVESTED - STAND:** Oct 24 36.3 /A

### TEST COMMENTS:

*This area of Illinois experienced some delay in planting due to a very wet spring. Plenty of moisture at planting and good heat made emergence quick and really nice and even; it was one of the most uniform stands this season. It was almost an ideal growing season here until, like most other areas later in the season, it turned very dry. That is why I believe the later-season hybrids were a bit lower in yield performance. Excellent pest control kept the plot healthy all season long except for some corn aphid damage only on a few select hybrids and only affecting a few plants within the strips themselves. Overall a beautiful location with great growers on a well-maintained farm.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W6505 ↗	TRE	110	<b>326.7</b>	15.2	1	35.7	1190	1
Great Heart	HT-7195TRE ↗	TRE	111	<b>318.5</b>	16.8	1	35.7	1133	2
NuTech	69C7PCE ↗	PCE	109	<b>311.8</b>	15.7	1	33.9	1128	4
Burrus	POWER PLUS 4V73AM ↗	AM	109	<b>310.6</b>	15.3	1	36.6	1130	3
Kitchen	KSC 6111 VT2PRIB GC ↗	VT2P	111	<b>309.0</b>	17.3	1	37.5	1092	11
Sun Prairie	SPX2409 ↗	VT4P	107	<b>307.6</b>	15.1	1	37.5	1121	5
DeKalb	DKC110-10RIB GC ↗	STX	110	<b>307.3</b>	15.9	1	35.7	1108	7
Wyffels	W6886RIB ↗	VT2P	111	305.3	16.3	1	35.7	1094	9
FS InVision	FS 5949PC RA ↗	PCE	109	304.4	14.3	1	35.7	1111	6
NuTech	70B4AM ↗	AM	110	302.9	16.0	1	36.6	1091	12
Purple Ribbon	24P07PCE ↗	PCE	107	302.3	14.7	1	34.8	1103	8
Wyffels	W6479 ↗	STXP	110	300.1	16.4	1	35.7	1075	18
ProHarvest	81P20 PCE ↗	PCE	111	299.8	14.9	1	36.6	1094	10
Martin	SS-384-5TRE GC ↗	TRE	108	299.4	16.0	1	37.5	1077	16
NuTech	70F6V ↗	VE	110	297.5	15.1	1	35.7	1084	13
ProHarvest	79P54 STAXPRO ↗	STXP	109	297.5	15.7	1	37.5	1076	17
Integra	5775 VT2PRIB ↗	VT2P	107	297.0	15.1	1	37.5	1083	14
LG Seeds	LG62C73VT2PRO ↗	VT2P	111	296.6	18.4	1	37.5	1033	30
Burrus	4W42 PCE ↗	PCE	108	296.2	14.5	1	35.7	1081	15
Great Heart	HT-6950PCE ↗	PCE	109	295.5	16.0	1	36.6	1064	22
Purple Ribbon	24P11PCE ↗	PCE	111	293.8	15.8	1	36.6	1061	23
Sun Prairie	SP2556 ↗	PCE	110	293.3	14.4	1	36.6	1071	19
FS InVision	FS 5935X RIB ↗	STX	109	293.0	15.3	1	35.7	1065	21
Renk	RK773TRE ↗	TRE	109	292.2	15.0	1	35.7	1066	20
Golden Harvest	G08U00-V ↗	V	108	291.5	15.5	1	35.7	1056	25
Burrus	POWER PLUS 4P27 VE ↗	VE	108	290.2	14.8	1	36.6	1059	24
Augusta	A2260 ↗	AA	110	289.7	15.9	1	36.6	1044	28
NuTech	68C1V ↗	VE	108	286.5	14.7	1	36.6	1046	26
Wyffels	W6215RIB ↗	TRE	109	286.2	14.5	1	37.5	1045	27
Pioneer	P0529Q GC ↗	QR	105	284.1	14.6	1	36.6	1037	29
<b>PIONEER</b>	<b>P1185Q CK</b>	<b>QR</b>	<b>111</b>	<b>281.5</b>	<b>16.4</b>	<b>1</b>	<b>37.5</b>	<b>1008</b>	<b>34</b>
				Averages =	<b>289.1</b>	<b>15.5</b>	<b>1</b>	<b>36.3</b>	<b>1045</b>
				LSD (0.10) =	16.6	0.6	ns		
				LSD (0.25) =	8.7	0.3	ns		
				C.V. =	5.4				
				Historic yield: 243.51 bu/a, 3 yr(s)					

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.05 Prices: GMO = \$3.65

Report Date: 10/24/2024

† 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](http://www.firstseedtests.com)

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## 2024 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] PENFIELD, IL  
Jeff & Evan Suits, Champaign County, IL

<b>Full-Season Test</b>	112 - 116 Day CRM B2024ILEC20b
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Zidua Pro, Metrobuzin, Roundup Powermax, Liberty
<b>SOIL DESCRIPTION:</b>	Ashkum silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, very high K, 6.3 pH, 3.8% OM, 19.5 CEC
<b>PEST MANAGEMENT:</b>	Harness Xtra, Laudis, Roundup Powermax 3, Headline Amp, Force, Fence, Bifenthrin
<b>FERTILITY - Applied N:</b>	160 Fall, 38 Spring, 35 Planter
<b>Applied N-P-K (units):</b>	233-92-120
<b>SEEDED - RATE - ROW:</b>	May 18 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 24 36.4 /A

### TEST COMMENTS:

*This area of Illinois experienced some delay in planting due to a very wet spring. Plenty of moisture at planting and good heat made emergence quick and really nice and even; it was one of the most uniform stands this season. It was almost an ideal growing season here until, like most other areas later in the season, it turned very dry. That is why I believe the later-season hybrids were a bit lower in yield performance. Excellent pest control kept the plot healthy all season long except for some corn aphid damage only on a few select hybrids and only affecting a few plants within the strips themselves. Overall a beautiful location with great growers on a well-maintained farm.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W7485 ↗	TRE	112	<b>309.4</b>	15.0	1	37.5	1129	1
Sun Prairie	SP2887 ↗	VT2P	115	<b>306.4</b>	16.7	1	35.7	1092	2
DeKalb	DKC64-22RIB GC ↗	VT2P	114	<b>303.9</b>	16.6	1	36.6	1085	4
Great Heart	HT-7499TRE ↗	TRE	114	<b>303.3</b>	17.6	1	35.7	1067	9
Burrus	6N54 VT2P ↗	VT2P	113	<b>303.0</b>	16.2	1	35.7	1088	3
FS InVision	FS 6447T RIB ↗	TRE	114	<b>302.9</b>	17.1	1	35.7	1074	6
ProHarvest	84P78 TRERIB ↗	TRE	114	<b>301.6</b>	16.7	1	36.6	1075	5
LG Seeds	LG63C32SSP ↗	STXP	113	<b>301.2</b>	16.7	1	35.7	1073	7
NuTech	71A7V ↗	VE	111	<b>295.9</b>	15.6	1	34.8	1072	8
Pioneer	P14830AML GC ↗	AML	114	293.5	17.0	1	35.7	1042	12
Renk	RK876VT2P ↗	VT2P	113	292.3	16.9	1	36.6	1039	14
FS InVision	FS 6349PC RA ↗	PCE	113	291.9	16.1	1	35.7	1049	10
FS InVision	FS 6545V RIB ↗	VT2P	115	291.8	16.8	1	37.5	1039	15
Wyffels	W7945RIB ↗	TRE	114	289.8	17.5	1	36.6	1022	18
NuTech	72C1PCE ↗	PCE	112	288.5	15.9	1	34.8	1040	13
Pioneer	P1383AM GC ↗	AM	113	288.4	15.7	1	36.6	1043	11
ProHarvest	83P66 VT2PRIB ↗	VT2P	113	288.3	17.2	1	34.8	1020	20
Great Heart	HT-7500TRE ↗	TRE	115	287.4	17.1	1	36.6	1018	21
Great Heart	HT-7341VT2P ↗	VT2P	113	286.3	16.9	1	37.5	1018	22
ProHarvest	83P48 STAXPRO ↗	STXP	113	286.2	16.6	1	35.7	1022	19
ProHarvest	85P58 VT2PRIB ↗	VT2P	115	285.0	16.2	1	35.7	1023	17
Integra	6493 VT2PRIB ↗	VT2P	114	283.2	16.2	1	37.5	1017	23
NuTech	74A5PCE ↗	PCE	114	283.1	16.5	1	37.5	1012	24
Martin	SS-427-4 TRE GC ↗	TRE	112	282.2	15.3	1	36.6	1026	16
NuTech	73A4AM ↗	AM	113	279.9	16.8	1	36.6	997	25
LG Seeds	LG64C43VT2RIB ↗	VT2P	114	278.8	18.4	1	36.6	971	28
Golden Harvest	G12S75-D ↗	D	112	278.0	17.6	1	36.6	978	26
NuTech	72D4Q ↗	QR	112	269.3	16.4	1	37.5	965	29
Integra	6365SSPRO ↗	STXP	113	268.5	15.5	1	37.5	973	27
Integra	6274 VT2PRIB ↗	VT2P	112	266.4	16.0	1	36.6	959	30
<b>PIONEER</b>	<b>P1185Q CK</b>	<b>QR</b>	<b>111</b>	<b>267.5</b>	<b>16.5</b>	<b>1</b>	<b>36.6</b>	<b>957</b>	<b>31</b>
				<b>Averages =</b>	<b>276.0</b>	<b>16.6</b>	<b>1</b>	<b>36.4</b>	<b>986</b>
				LSD (0.10) =	19.7	0.6	ns		
				LSD (0.25) =	10.3	0.3	ns		
				C.V. =	6.8				
				Historic yield: 243.51 bu/a, 3 yr(s)					

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.05 Prices: GMO = \$3.65

Report Date: 10/24/2024

† 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](http://www.firstseedtests.com)

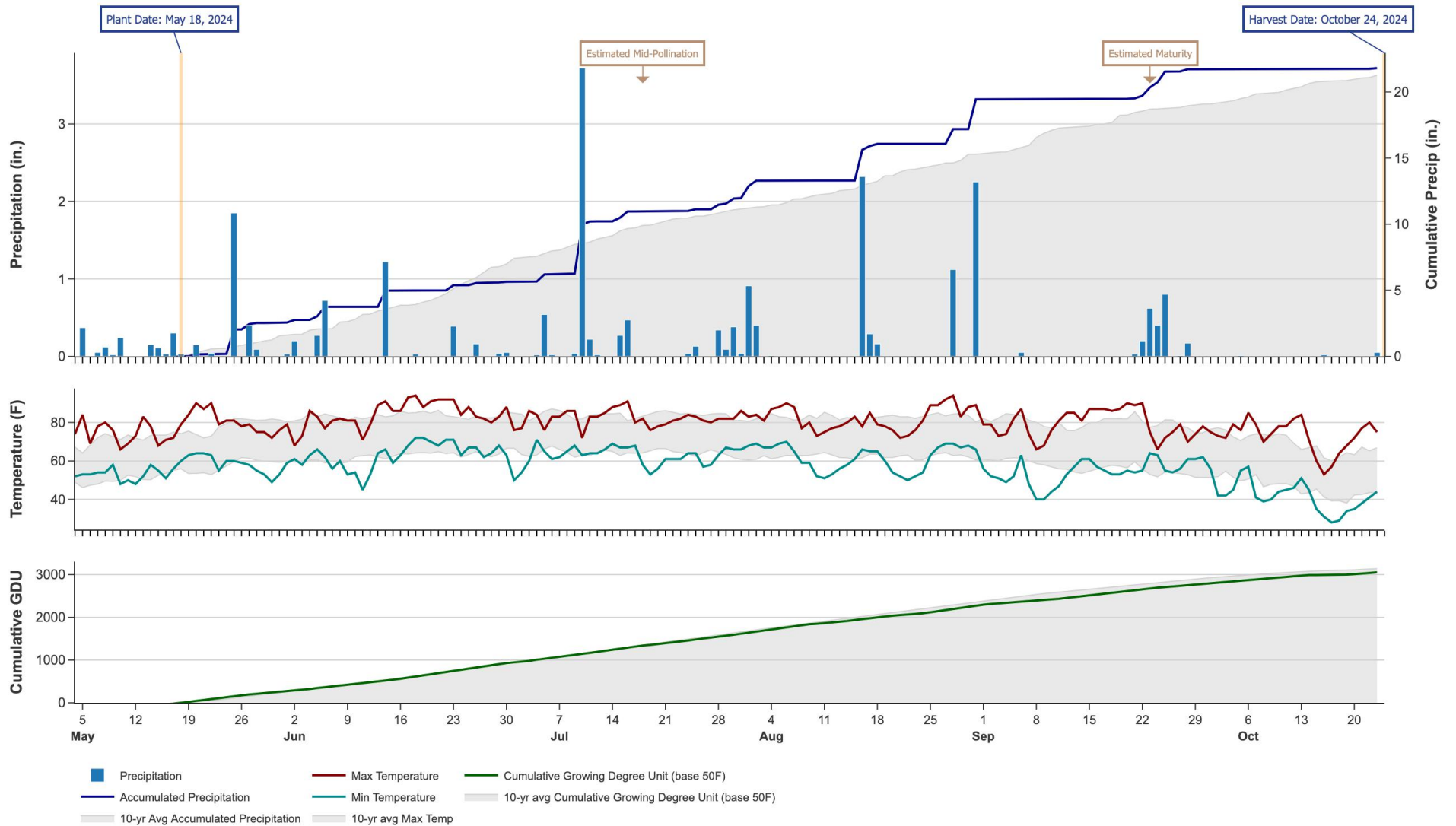
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# 2024 Corn - Illinois East Central [ ILEC ]

## Weather Conditions Summary at PENFIELD, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	4.0   3.6 (+0.3)	3.1   5.4 (-2.3)	6.3   4.1 (+2.2)	7.5   4.2 (+3.3)	2.3   3.8 (-1.5)	0.1   2.2 (-2.1)	23.2   23.3 (-0.1)
GDU   Avg (Diff)	460   408 (+51)	682   684 (-2)	688   746 (-58)	662   700 (-38)	515   547 (-32)	258   223 (+34)	3265   3311 (-46)



\* 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 - Illinois East Central [ ILEC ]

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

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2260	AA	Y*	110	CM,C2
Burrus	4W42 PCE	PCE	Y	108	Lum, L1
Burrus	POWER PLUS 4P27 VE	VE	Y	108	Lum, L1
Burrus	POWER PLUS 4V73AM	AM	Y	109	Lum, L1
DeKalb	DKC110-10RIB GC	STX	Y	110	AC,P5V
FS InVision	FS 5845P RIB	STXP	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5935X RIB	STX	Y	109	AC,P5V
FS InVision	FS 5949PC RA	PCE	Y	109	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
Golden Harvest	G08U00-V	V	Y	108	CM,C1,Vi,Va
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C1,Vi,Va
Great Heart	HT-6950PCE	PCE	N	109	F,I
Great Heart	HT-7195TRE	TRE	N	111	F,I
Integra	5775 VT2PRIB	VT2P	Y	107	AC,P5V,St,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Integra	6061 SSRIB	STX	Y	110	AC,P5V,St,SU
Kitchen	KSC 6111 VT2PRIB GC	VT2P	Y	111	Treated
LG Seeds	LG62C73VT2PRO	VT2P	N	111	AC,P5V
Martin	SS-384-5TRE GC	TRE	U	108	AC,P5V
Martin	SS-396-4 VT2RIB GC	VT2P	U	109	AC,P2
NuTech	68C1V	VE	Y	108	LumPro P2
NuTech	69B5V	VE	Y	109	LumPro P2
NuTech	69C7PCE	PCE	Y	109	LumPro P2
NuTech	70B4AM	AM	Y	110	LumPro P2
NuTech	70F6V	VE	Y	110	LumPro P2
Pioneer	P0529Q GC	QR	Y	105	Lum, L1
Pioneer	P1185Q CK	QR	Y	111	Lum, L1
ProHarvest	79P54 STAXPRO	STXP	Y	109	AC,P5V,EDC-EL
ProHarvest	79P87 SSRIB	STX	Y	109	AC,P5V,Va
ProHarvest	81P20 PCE	PCE	Y	111	AC,P5V,Va
Purple Ribbon	23A10VT2PRIB	VT2P	Y	110	AC,P2
Purple Ribbon	24P07PCE	PCE	Y	107	CM,C2
Purple Ribbon	24P11PCE	PCE	Y	111	CM,C2
Renk	RK766SSPRO	STXP	Y*	109	AC,P5V,EDC-EL
Renk	RK773TRE	TRE	Y*	109	AC,P2
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
Sun Prairie	SP2556	PCE	N	110	F,I,B,NE
Sun Prairie	SPX2409	VT4P	N	107	F,I,B,NE
Wyffels	W6215RIB	TRE	Y*	109	CM,C2,Vi,Va
Wyffels	W6479	STXP	N	110	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W6505	TRE	N	110	AC,P5V
Wyffels	W6886RIB	VT2P	Y*	111	CM,C2,Vi,Va
Wyffels	W7048RIB	STX	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 - Illinois East Central [ ILEC ]

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

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Burrus	6N54 VT2P	VT2P	Y	113	AC,P5V,EDC-EL
Burrus	6U77 SSP	STXP	Y	113	AC,P5V,EDC-EL
DeKalb	DKC114-99RIB GC	VT4P	Y	114	AC,P1V
DeKalb	DKC64-22RIB GC	VT2P	Y	114	AC,P5V
FS InVision	FS 6349PC RA	PCE	Y	113	CM,C2,Vi,Va
FS InVision	FS 6432P RIB	STXP	Y	114	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 6625V RIB	VT2P	Y	116	AC,P5V
Golden Harvest	G12S75-D	D	Y	112	AVC,C1,Vi,Va
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Golden Harvest	G14B32-DV	DV	Y	114	CM,C5,Vi,Va
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Vi,Va
Great Heart	HT-7341VT2P	VT2P	N	113	F,I
Great Heart	HT-7360VT2P	VT2P	N	113	F,I
Great Heart	HT-7499TRE	TRE	Y	114	F,I
Great Heart	HT-7500TRE	TRE	N	115	F,I
Integra	6274 VT2PRIB	VT2P	Y	112	Treated
Integra	6365SSPRO	STXP	Y	113	Treated
Integra	6493 VT2PRIB	VT2P	Y*	114	Treated
Kitchen	KSC 6114SSRIB GC	STX	Y	114	Treated
LG Seeds	LG63C32SSP	STXP	N	113	AC,P5V
LG Seeds	LG64C43VT2RIB	VT2P	Y*	114	AC,P5V
Martin	SS-427-4 TRE GC	TRE	U	112	AC,P2
NuTech	71A7V	VE	Y	111	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
NuTech	72D4Q	QR	Y	112	LumPro P2
NuTech	73A4AM	AM	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
Pioneer	P1185Q CK	QR	Y	111	Lum, L1
Pioneer	P1366Q GC	QR	Y	113	Lum, L1
Pioneer	P1383AM GC	AM	Y	113	Lum, L1
Pioneer	P14830AML GC	AML	Y	114	Lum, L1
ProHarvest	83P48 STAXPRO	STXP	Y	113	AC,P5V,EDC-EL
ProHarvest	83P66 VT2PRIB	VT2P	Y*	113	AC,P5V,Va
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
ProHarvest	85P58 VT2PRIB	VT2P	Y	115	AC,P5V,Va
Renk	RK825VT4P	VT4P	N	112	AC,P5V,EDC-EL
Renk	RK876VT2P	VT2P	Y*	113	AC,P2
Sun Prairie	SP2887	VT2P	N	115	F,I,B,NE
Wyffels	W7485	TRE	N	112	AC,P5V
Wyffels	W7499	STXP	N	112	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W7759RIB	STXP	Y*	113	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

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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®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
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
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

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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,P1V	Acceleron® Poncho 1250/Votivo
AC,P2	Acceleron® 250
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C1,Vi,Va	Avicta® Complete 1250, Vibrance®, Vayantis®
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
F,I	Fungicide, Insecticide
F,I,B,NE	Fungicide, Insecticide, Biological, Nematicide
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematicide
Treated	Treated seed, unspecified

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