

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

## 2021 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] FORSYTH, IL  
Jim Cullison, Macon County, IL 61913

<b>Early-Season Test</b>	105 - 110 Day CRM B2021ILEC24a
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Boundry, Sulfentrazone, Flexstar Gt
<b>SOIL DESCRIPTION:</b>	Dana, Flanagan silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, very high K, 5.6 pH, 3.0% OM, 17.6 CEC
<b>PEST MANAGEMENT:</b>	Lexar Ez, Roundup Powermax, Trivapro, Defcon
<b>FERTILITY - Applied N:</b>	200 Fall, 49 Spring
<b>Applied N-P-K (units):</b>	249-154-124
<b>SEEDED - RATE - ROW:</b>	Apr 27 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Sep 28 35.2 /A

### TEST COMMENTS:

*This location is historically very nice and performs well. The area experienced an abundance of rain throughout the growing season and some areas of this farm suffered, Jim said. He mentioned that parts of his field went 280 plus, then down to the 180's according to his monitor. But we got the best spot on the farm to plant the plot! Like most other areas this year, Tar Spot, GLS and corn leaf blight were present in the plot causing plants to die quicker than normal and dry down fast. Fungicide application seemed to have helped as there was some green left in the plants.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6017V RIB ↗	VT2P	110	<b>296.8</b>	14.2	1	35.7	1632	1
Augusta	A1259-5222 ↗	5222	109	<b>282.1</b>	16.2	1	36.6	1541	2
Hefty	H6042 RIB ↗	VT2P	110	<b>276.8</b>	14.7	1	33.9	1522	3
Purple Ribbon	21A08VT2PRIB ↗	VT2P	108	<b>276.8</b>	15.1	1	35.7	1522	4
FS InVision	FS 5909D2A EZR ↗	5222A	109	<b>275.0</b>	16.7	1	35.7	1499	5
Integra	5802 VT2PRIB ↗	VT2P	108	<b>272.6</b>	14.7	1	36.6	1499	6
Purple Ribbon	21A09VT2PRIB ↗	VT2P	109	<b>267.3</b>	14.7	1	34.8	1470	7
NK Brand	NK1026-5332 EZR ↗	5332	110	<b>266.4</b>	16.2	1	37.5	1456	8
NuTech	70F2Q ↗	QR	110	<b>265.0</b>	15.7	1	35.7	1452	11
Great Heart	HT-6948VT2P ↗	VT2P	109	<b>264.6</b>	14.8	1	34.8	1455	9
NuTech	68A7AM ↗	AM	108	<b>264.2</b>	13.5	1	35.7	1453	10
FS InVision	FS 5815V RIB ↗	VT2P	108	260.9	14.0	1	34.8	1435	12
Stone	6078RIB ↗	STX	110	260.2	16.7	1	34.8	1418	13
Burrus	POWER PLUS 5L44AM ↗	AM	110	257.2	16.2	1	35.7	1406	17
Renk	RK700SSTX ↗	STX	107	257.2	15.0	1	33.1	1415	14
Integra	5719 VT2PRIB ↗	VT2P	107	256.6	13.4	1	34.8	1411	15
Integra	5682 VT2PRIB ↗	VT2P	106	256.5	13.6	1	34.8	1411	16
NuTech	70A8AM ↗	AM	110	256.4	15.9	1	35.7	1403	19
Stone	0931SSRIB ↗	STX	109	256.0	15.5	1	33.9	1404	18
Wyffels	W6408RIB ↗	STX	110	254.7	16.0	1	36.6	1393	20
Burrus	POWER PLUS 4C16 Q ↗	QR	108	253.3	14.6	1	35.7	1393	21
Integra	6061 TRERIB ↗	TRE	110	252.6	15.8	1	34.8	1383	22
Golden Harvest	G10D21-5332 EZR ↗	5332	110	250.7	15.4	1	33.9	1376	23
Hefty	H5944 RIB ↗	STX	109	250.4	16.6	1	34.8	1365	25
Augusta	A1060-3330 ↗	3330	110	250.3	16.1	1	33.9	1369	24
NK Brand	NK0748-5122 EZR ↗	5122	107	246.2	15.3	1	35.7	1352	26
NuTech	69B9Q ↗	QR	109	244.9	15.5	1	34.8	1343	28
Renk	RK782VT2P ↗	VT2P	109	244.8	14.0	1	33.9	1346	27
Sun Prairie	SP2507 ↗	STX	109	243.9	15.3	1	34.8	1339	29
Great Heart	HT-6822VT2P ↗	VT2P	108	241.3	13.4	1	34.8	1327	30
Pioneer	P1108Q CK	QR	111	226.7	15.7	1	36.6	1242	37
				<b>Averages =</b>	<b>250.5</b>	<b>14.9</b>	<b>1</b>	<b>35.2</b>	<b>1375</b>
				LSD (0.10) =	11.9	0.8	ns		
				LSD (0.25) =	6.2	0.4	ns		
				C.V. =	4.5				
Nathan Roux				Historic yield: 206.8 bu/a, 20 yr(s)					
nathan.g.roux@gmail.com, (815) 716-3794									

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.50

Report Date: 09/28/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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## 2021 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] FORSYTH, IL  
Jim Cullison, Macon County, IL 61913

**Full-Season Test** 111 - 115 Day CRM  
B2021ILEC24b

**Top 30 of 60** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Soybeans / Boundry,  
Sulfentrazone, Flexstar Gt

**SOIL DESCRIPTION:** Dana, Flanagan silt loam, mod.  
well drained, non-irrigated

**SOIL CONDITION:** Conventional W/ Fall Till, very  
high P, very high K, 5.6 pH,  
3.0% OM, 17.6 CEC

**PEST MANAGEMENT:** Lexar Ez, Roundup Powermax,  
Trivapro, Defcon

**FERTILITY - Applied N:** 200 Fall, 49 Spring

**Applied N-P-K (units):** 249-154-124

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

**HARVESTED - STAND:** Sep 28 35.9 /A

### TEST COMMENTS:

*This location is historically very nice and performs well. The area experienced an abundance of rain throughout the growing season and some areas of this farm suffered, Jim said. He mentioned that parts of his field went 280 plus, then down to the 180's according to his monitor. But we got the best spot on the farm to plant the plot! Like most other areas this year, Tar Spot, GLS and corn leaf blight were present in the plot causing plants to die quicker than normal and dry down fast. Fungicide application seemed to have helped as there was some green left in the plants.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Wyffels	W7876RIB ↗	VT2P	114	<b>285.5</b>	17.5	1	37.5	1549	1	
ProHarvest	8360 VT2PRIB ↗	VT2P	113	<b>281.5</b>	17.5	1	36.6	1527	2	
FS InVision	FS 6595V RIB ↗	VT2P	115	<b>280.5</b>	17.1	1	37.5	1525	3	
Renk	RK915VT2P ↗	VT2P	115	<b>279.9</b>	18.0	1	35.7	1514	5	
Burrus	POWER PLUS 6J92AM ↗	AM	113	<b>278.3</b>	17.0	1	33.9	1514	6	
Burrus	6Y61 DGVT2P ↗	VT2PDG	113	<b>278.0</b>	16.2	1	36.6	1519	4	
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	<b>276.0</b>	16.3	1	35.7	1508	8	
Hefty	H6145 TRERIB ↗	TRE	112	<b>275.9</b>	15.9	1	36.6	1510	7	
Stone	1332SSRIB ↗	STX	113	<b>275.7</b>	16.3	1	34.8	1505	10	
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	<b>275.6</b>	16.2	1	37.5	1506	9	
FS InVision	FS 6217X RIB ↗	STX	112	<b>275.2</b>	17.5	1	35.7	1493	11	
NuTech	71F5Q ↗	QR	111	273.4	16.4	1	37.5	1492	12	
Hefty	H6552 ↗	VT2P	115	272.4	18.7	1	37.5	1468	20	
Integra	6162 VT2PRIB ↗	VT2P	111	272.2	15.8	1	35.7	1491	13	
ProHarvest	81P88 TRERIB ↗	TRE	111	271.9	16.6	1	35.7	1482	15	
Purple Ribbon	22R13DGVT2PRIB ↗	VT2P	113	271.8	15.8	1	37.5	1488	14	
Sun Prairie	SP2607 ↗	STX	111	270.5	17.6	1	33.9	1467	21	
Augusta	A4463 VT2P GC ↗	VT2P	113	270.3	16.8	1	37.5	1472	19	
Wyffels	W7956RIB ↗	VT2P	114	269.6	16.2	1	35.7	1473	18	
NuTech	74B6AM ↗	AM	114	269.2	15.5	1	36.6	1476	16	
Purple Ribbon	22A10VT2P ↗	VT2P	110	268.9	15.6	1	35.7	1474	17	
Wyffels	W7208 ↗	STX	112	267.8	16.9	1	34.8	1457	23	
Wyffels	W7536DG ↗	VT2PDG	112	267.4	16.2	1	35.7	1461	22	
Integra	6410 VT2PRIB ↗	VT2P	114	266.9	17.2	1	36.6	1450	25	
Stone	6368RIB ↗	STX	113	266.7	16.8	1	35.7	1452	24	
Stone	1122SSRIB ↗	STX	111	263.7	16.7	1	37.5	1437	28	
FS InVision	FS 6194V RIB ↗	VT2P	111	263.5	16.0	1	36.6	1442	26	
Integra	6342 TRERIB ↗	TRE	113	263.5	16.1	1	34.8	1441	27	
Hefty	H6524 RIB ↗	STX	115	263.1	18.2	1	35.7	1422	30	
Golden Harvest	G12S75-5122 EZR ↗	5122	112	261.5	15.2	1	35.7	1436	29	
Pioneer	P1108Q CK	QR	111	227.1	16.4	1	35.7	1239	59	
				<b>Averages =</b>	<b>260.3</b>	<b>16.7</b>	<b>1</b>	<b>35.9</b>	<b>1418</b>	
				<b>LSD (0.10) =</b>	14.7	0.9	ns			
				<b>LSD (0.25) =</b>	7.7	0.5	ns			
Nathan Roux				<b>C.V. =</b>	5.4					
nathan.g.roux@gmail.com, (815) 716-3794										Historic yield: 206.8 bu/a, 20 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.50

Report Date: 09/28/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

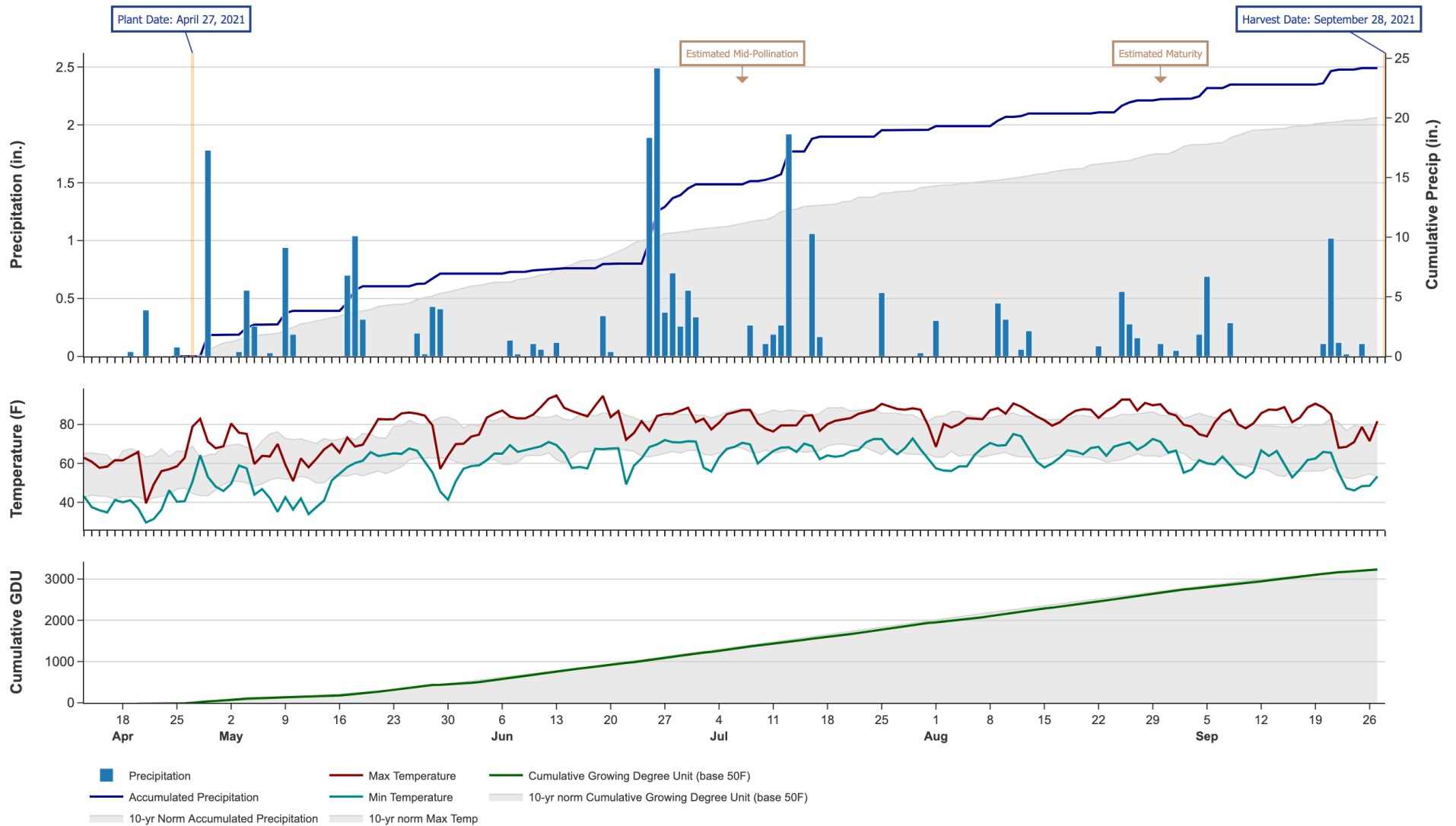
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# 2021 Corn - Illinois East Central [ ILEC ]

## Weather Conditions Summary at FORSYTH, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in)   Normal (Diff)	2.3   3.1 (-0.8)	5.2   4.7 (+0.4)	7.2   4.9 (+2.2)	4.9   3.7 (+1.2)	2.6   2.8 (-0.2)	2.6   3.0 (-0.4)	24.7   22.3 (+2.4)
GDU   Normal (Diff)	102   135 (-33)	410   459 (-49)	717   708 (+8)	764   805 (-41)	769   742 (+26)	525   513 (+11)	3287   3365 (-78)



\* 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.

## 2021 Corn - Illinois East Central [ ILEC ]

### Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1060-3330	3330	N	110	CM,C2
Augusta	A1259-5222	5222	N	109	CM,C2
Burrus	POWER PLUS 4C16 Q	QR	Y	108	Lum,P1V
Burrus	POWER PLUS 5L44AM	AM	Y	110	Lum,P1V
FS InVision	FS 5515D2 EZR	5222	Y	105	CM,C2,Vi
FS InVision	FS 5704V RIB	VT2P	Y	107	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5909D2A EZR	5222A	Y	109	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Golden Harvest	G10D21-5332 EZR	5332	Y	110	AVC,C5,Vi
Great Heart	HT-6822VT2P	VT2P	Y	108	AC,P5V
Great Heart	HT-6948VT2P	VT2P	Y	109	AC,P5V
Hefty	H5444	STX	N	104	HC
Hefty	H5812 RIB	VT2P	Y	108	HC
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H5944 RIB	STX	Y	109	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Integra	5682 VT2PRIB	VT2P	Y	106	AC,P5V,EDC-B
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P2,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
NK Brand	NK0748-5122 EZR	5122	Y	107	AVC,C2,Vi
NK Brand	NK1026-5332 EZR	5332	Y	110	AVC,C5,Vi
NuTech	66C2Q	QR	Y	106	Lum,P1V
NuTech	68A7AM	AM	Y	108	Lum,P1V
NuTech	69B9Q	QR	Y	109	Lum,P1V
NuTech	70A8AM	AM	Y	110	Lum,P1V
NuTech	70F2Q	QR	Y	110	Lum,P1V
Pioneer	P1108Q CK	QR	Y	111	Lum
Purple Ribbon	21A08VT2PRIB	VT2P	Y	108	AC,P2
Purple Ribbon	21A09VT2PRIB	VT2P	Y	109	AC,P2
Renk	RK700SSTX	STX	N	107	AC,P5V
Renk	RK782VT2P	VT2P	N	109	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Stone	0931SSRIB	STX	Y	109	AC,P5V,EDC-B

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Stone	6078RIB	STX	Y	110	AC,P5V,EDC-B
Sun Prairie	SP2507	STX	N	109	AC,P5V,EDC-B
Wyffels	W4196RIB	VT2P	Y	105	AC,P2
Wyffels	W4588	STX	N	105	AC,P5V
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W6408RIB	STX	Y	110	AC,P5V

\* 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.

## 2021 Corn - Illinois East Central [ ILEC ]

### Full-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2362 VT2P GC	VT2P	N	112	CM,C2
Augusta	A3363 VT2PDG GC	VT2PDG	N	113	CM,C2
Augusta	A4463 VT2P GC	VT2P	N	113	CM,C2
Augusta	A4961-5122-EZ	5122	Y	111	AVC,C5
Burrus	6A38 SS	STX	Y	112	AC,P5V
Burrus	6Y61 DGVT2P	VT2PDG	Y	113	AC,P5V,B-300
Burrus	POWER PLUS 6J92AM	AM	Y	113	BPS
DeKalb	DKC63-90RIB GC	STX	Y	113	AC,P5V,B-360
Dyna-Gro	D51SS61	STX	N	111	AC,P5V
Dyna-Gro	D53SS13	STX	N	113	AC,P5V
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6217X RIB	STX	Y	112	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
Golden Harvest	G12S75-5122 EZR	5122	Y	112	AVC,C5,Vi
Golden Harvest	G14N11-5222 EZR	5222	Y	114	AVC,C5,Vi
Golden Harvest	G15J91-3220 EZR	3220	Y	115	AVC,C5,Vi
Great Heart	HT-7148TRE	TRE	Y	111	AC,P5V
Great Heart	HT-7256DGVT2P	VT2PDG	Y	112	AC,P5V
Hefty	H6145 TRERIB	TRE	Y	112	HC
Hefty	H6354	STX	N	113	HC
Hefty	H6423 RIB	VT2PDG	Y	114	HC
Hefty	H6524 RIB	STX	Y	115	HC
Hefty	H6552	VT2P	N	115	HC
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,EDC-B
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Integra	6555 VT2PRIB	VT2P	Y	114	AC,P5V,SU
NK Brand	NK1321-3120 EZR	3120	Y	113	AVC,C5,Vi
NK Brand	NK1523-3220 EZR	3220	Y	115	AVC,C5,Vi
NuTech	71F5Q	QR	N	111	Lum,P1V
NuTech	72B7Q	QR	Y	112	Lum,P1V
NuTech	74A9AM	AM	Y	114	Lum,P1V
NuTech	74B6AM	AM	Y	114	Lum,P1V
NuTech	74F3AM	AM	Y	114	Lum,P1V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Pioneer	P1108Q CK	QR	Y	111	Lum
Pioneer	P1366Q GC	QR	Y	113	Lum
ProHarvest	81P88 TRERIB	TRE	Y	111	AC,P5V
ProHarvest	82P29 VT2PRIB	VT2P	Y	112	AC,P5V
ProHarvest	8360 VT2PRIB	VT2P	Y	113	AC,P5V
ProHarvest	84P93 DGVT2PRIB	VT2PDG	Y	114	AC,P5V
Purple Ribbon	22A10VT2P	VT2P	N	110	AC,P2
Purple Ribbon	22A12VT2PRIB	VT2P	Y	112	AC,P2
Purple Ribbon	22R13DGVT2PRIB	VT2P	Y	113	AC,P2
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Stone	1122SSRIB	STX	Y	111	AC,P5V,EDC-B
Stone	1332SSRIB	STX	Y	113	AC,P5V,EDC-B
Stone	1521SSRIB	STX	Y	115	AC,P5V,EDC-B
Stone	6368RIB	STX	Y	113	AC,P5V,EDC-B
Sun Prairie	SP2607	STX	N	111	AC,P5V,EDC-B
Wyffels	W7208	STX	N	112	AC,P5V
Wyffels	W7416	VT2P	N	112	AC,P2
Wyffels	W7536DG	VT2PDG	N	112	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7956RIB	VT2P	Y	114	AC,P2

\* 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

<sup>^</sup> Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

### Corn Technologies

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3120	Agrisure® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
5332	Agrisure® Duracade® 5332 (Vip, CB, HX, RW, RW2, LL, GT)
AM	Optimum® AcreMax®
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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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,P2	Acceleron® 250
AC,P2,SU	Acceleron® 250, StepUp
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B-300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,B-360	Acceleron® Poncho 500/Votivo with B-360 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	Acceleron® Poncho 500/Votivo, StepUp
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo

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