

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

## 2021 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] THOMASBORO, IL  
Joe Burke, Champaign County, IL 61878

<b>Early-Season Test</b>	105 - 110 Day CRM B2021ILEC20a
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Enlist Duo
<b>SOIL DESCRIPTION:</b>	Drummer silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, medium K, 5.5 pH, 4.1% OM, 25.5 CEC
<b>PEST MANAGEMENT:</b>	Callisto Xtra, Durango Dma, Diplomat, Array, Aquila XI, Defcon
<b>FERTILITY - Applied N:</b>	146 Spring, 45 Sidedress
<b>Applied N-P-K (units):</b>	191-92-120
<b>SEEDED - RATE - ROW:</b>	May 8 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 4 35.1 /A

### TEST COMMENTS:

*This location was planted on May 8, the last in this region. We had ideal soil conditions at planting, and ample moisture and good temperatures made for nice and even emergence. As with the rest of central Illinois, a very damp, hot, and humid summer followed. Black Tar Spot was present at this location but not as severe as other areas with approximately 10-15% of tissue coverage. The full-season test was more affected by heavy rainfall with some saturated areas.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 5909D2A EZR ↗	5222A	109	<b>271.8</b>	15.1	1	33.9	1494	1
NuTech	69B9Q ↗	QR	109	<b>269.9</b>	15.6	1	34.8	1480	2
Golden Harvest	G10D21-5332 EZR ↗	5332	110	<b>267.9</b>	15.4	1	35.7	1470	4
Hefty	H5812 RIB ↗	VT2P	108	<b>267.4</b>	14.8	1	35.7	1471	3
Renk	RK782VT2P ↗	VT2P	109	<b>265.7</b>	15.1	1	34.8	1460	5
Augusta	A1060-3330 ↗	3330	110	<b>263.0</b>	15.5	1	35.7	1442	6
NuTech	68A7AM ↗	AM	108	257.9	14.8	1	35.7	1418	7
NuTech	70A8AM ↗	AM	110	257.7	15.5	1	35.7	1413	8
Burrus	POWER PLUS 5L44AM ↗	AM	110	257.4	15.8	1	36.6	1410	9
FS InVision	FS 5815V RIB ↗	VT2P	108	252.5	14.7	1	34.8	1389	10
Wyffels	W4588 ↗	STX	105	252.4	14.9	1	32.2	1388	11
NuTech	70F2Q ↗	QR	110	252.3	15.2	1	34.8	1386	13
Integra	5719 VT2PRIB ↗	VT2P	107	252.1	14.7	1	37.5	1387	12
Hefty	H5444 ↗	STX	104	250.4	14.8	1	35.7	1377	14
Wyffels	W6408RIB ↗	STX	110	249.3	15.3	1	34.8	1369	15
FS InVision	FS 6017V RIB ↗	VT2P	110	247.5	14.5	1	35.7	1361	16
Hefty	H5944 RIB ↗	STX	109	245.9	15.0	1	35.7	1352	17
NK Brand	NK0748-5122 EZR ↗	5122	107	244.9	14.7	1	33.1	1347	18
Great Heart	HT-6822VT2P ↗	VT2P	108	244.3	14.8	1	35.7	1344	19
Wyffels	W4196RIB ↗	VT2P	105	241.2	14.5	1	35.7	1327	20
Augusta	A1259-5222 ↗	5222	109	240.7	15.1	1	34.8	1323	21
NuTech	66C2Q ↗	QR	106	240.3	15.5	1	34.8	1318	22
Sun Prairie	SP2507 ↗	STX	109	239.0	14.9	1	35.7	1314	24
Renk	RK700SSTX ↗	STX	107	238.8	14.4	1	34.8	1313	25
Integra	5802 VT2PRIB ↗	VT2P	108	237.7	14.3	1	33.1	1307	26
Golden Harvest	G07G73-5122 EZR ↗	5122	107	237.1	15.1	1	33.1	1304	27
Stone	6078RIB ↗	STX	110	236.1	14.5	1	36.6	1299	28
Purple Ribbon	21A08VT2PRIB ↗	VT2P	108	236.1	15.1	1	36.6	1298	29
NK Brand	NK1026-5332 EZR ↗	5332	110	233.0	14.9	1	34.8	1281	30
Burrus	POWER PLUS 4C16 Q ↗	QR	108	232.9	14.5	1	34.8	1281	31
Pioneer	P1108Q CK	QR	111	239.2	15.0	1	34.8	1316	23
				<b>Averages =</b>	<b>241.0</b>	<b>15.0</b>	<b>1</b>	<b>35.1</b>	<b>1324</b>
				LSD (0.10) =	18.1	0.4	ns		
				LSD (0.25) =	9.5	0.2	ns		
				C.V. =	7.1				
				Historic yield: 229.24 bu/a, 6 yr(s)					

Nathan Roux

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

Report Date: 11/05/2021

† 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] THOMASBORO, IL  
Joe Burke, Champaign County, IL 61878

<b>Full-Season Test</b>	111 - 115 Day CRM B2021ILEC20b
<b>Top 30 of 60</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Enlist Duo
<b>SOIL DESCRIPTION:</b>	Drummer silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, medium K, 5.5 pH, 4.1% OM, 25.5 CEC
<b>PEST MANAGEMENT:</b>	Callisto Xtra, Durango Dma, Diplomat, Array, Aquila XI, Defcon
<b>FERTILITY - Applied N:</b>	146 Spring, 45 Sidedress
<b>Applied N-P-K (units):</b>	191-92-120
<b>SEEDED - RATE - ROW:</b>	May 8 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 4 35.5 /A

### TEST COMMENTS:

*This location was planted on May 8, the last in this region. We had ideal soil conditions at planting, and ample moisture and good temperatures made for nice and even emergence. As with the rest of central Illinois, a very damp, hot, and humid summer followed. Black Tar Spot was present at this location but not as severe as other areas with approximately 10-15% of tissue coverage. The full-season test was more affected by heavy rainfall with some saturated areas.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	<b>261.5</b>	15.4	1	34.8	1435	1
Dyna-Gro	D53SS13 ↗	STX	113	<b>256.4</b>	16.1	9	36.2	1402	2
FS InVision	FS 6595V RIB ↗	VT2P	115	<b>256.0</b>	15.8	1	35.7	1402	3
Integra	6555 VT2PRIB ↗	VT2P	114	<b>252.4</b>	14.7	1	35.7	1388	4
ProHarvest	82P29 VT2PRIB ↗	VT2P	112	<b>250.7</b>	14.6	1	35.7	1379	5
Hefty	H6524 RIB ↗	STX	115	<b>248.5</b>	15.8	1	33.9	1361	6
Integra	6410 VT2PRIB ↗	VT2P	114	246.8	16.1	1	35.7	1349	9
NuTech	74A9AM ↗	AM	114	246.0	14.9	1	35.7	1353	7
Burrus	6Y61 DGVT2P ↗	VT2PDG	113	245.6	15.1	1	34.8	1350	8
Augusta	A4463 VT2P GC ↗	VT2P	113	245.4	15.0	1	35.7	1349	10
Purple Ribbon	22A12VT2PRIB ↗	VT2P	112	244.3	15.3	1	33.9	1341	11
Hefty	H6423 RIB ↗	VT2PDG	114	242.0	16.3	1	35.7	1321	13
Golden Harvest	G12S75-5122 EZR ↗	5122	112	241.6	15.1	1	34.8	1328	12
Wyffels	W7956RIB ↗	VT2P	114	239.7	15.5	1	35.7	1315	15
FS InVision	FS 6106X RIB ↗	STX	111	239.6	14.9	1	34.8	1318	14
Integra	6162 VT2PRIB ↗	VT2P	111	236.5	14.9	1	34.8	1301	16
Wyffels	W7876RIB ↗	VT2P	114	236.4	15.0	1	35.7	1300	17
Purple Ribbon	22A10VT2P ↗	VT2P	110	236.3	14.7	1	34.8	1300	18
NK Brand	NK1321-3120 EZR ↗	3120	113	235.4	15.8	1	34.8	1289	19
Stone	1521SSRIB ↗	STX	115	234.4	15.3	1	34.8	1287	20
Sun Prairie	SP2607 ↗	STX	111	234.4	15.5	1	36.6	1286	21
NuTech	74F3AM ↗	AM	114	234.0	15.9	1	37.5	1281	23
Renk	RK937VT2P ↗	VT2P	113	233.6	15.0	1	36.6	1285	22
Integra	6342 TRERIB ↗	TRE	113	232.2	15.2	1	37.5	1276	24
Great Heart	HT-7148TRE ↗	TRE	111	231.6	15.0	1	34.0	1274	25
Augusta	A2362 VT2P GC ↗	VT2P	112	231.3	14.9	1	35.7	1272	26
Stone	1122SSRIB ↗	STX	111	231.2	15.3	2	36.6	1270	28
Pioneer	P1366Q GC ↗	QR	113	231.2	15.3	1	34.0	1270	29
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	231.1	15.0	1	34.8	1271	27
FS InVision	FS 6194V RIB ↗	VT2P	111	231.0	14.3	1	35.7	1270	30
Pioneer	P1108Q CK	QR	111	227.4	14.8	1	34.8	1251	34
				<b>Averages =</b>	<b>230.1</b>	<b>15.3</b>	<b>2</b>	<b>35.5</b>	<b>1264</b>
				LSD (0.10) =	18.3	0.5	ns		
				LSD (0.25) =	9.6	0.2	ns		
				C.V. =	7.6				
				Historic yield: 229.24 bu/a, 6 yr(s)					

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### Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.50

Report Date: 11/05/2021

† 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](http://www.firstseedtests.com)

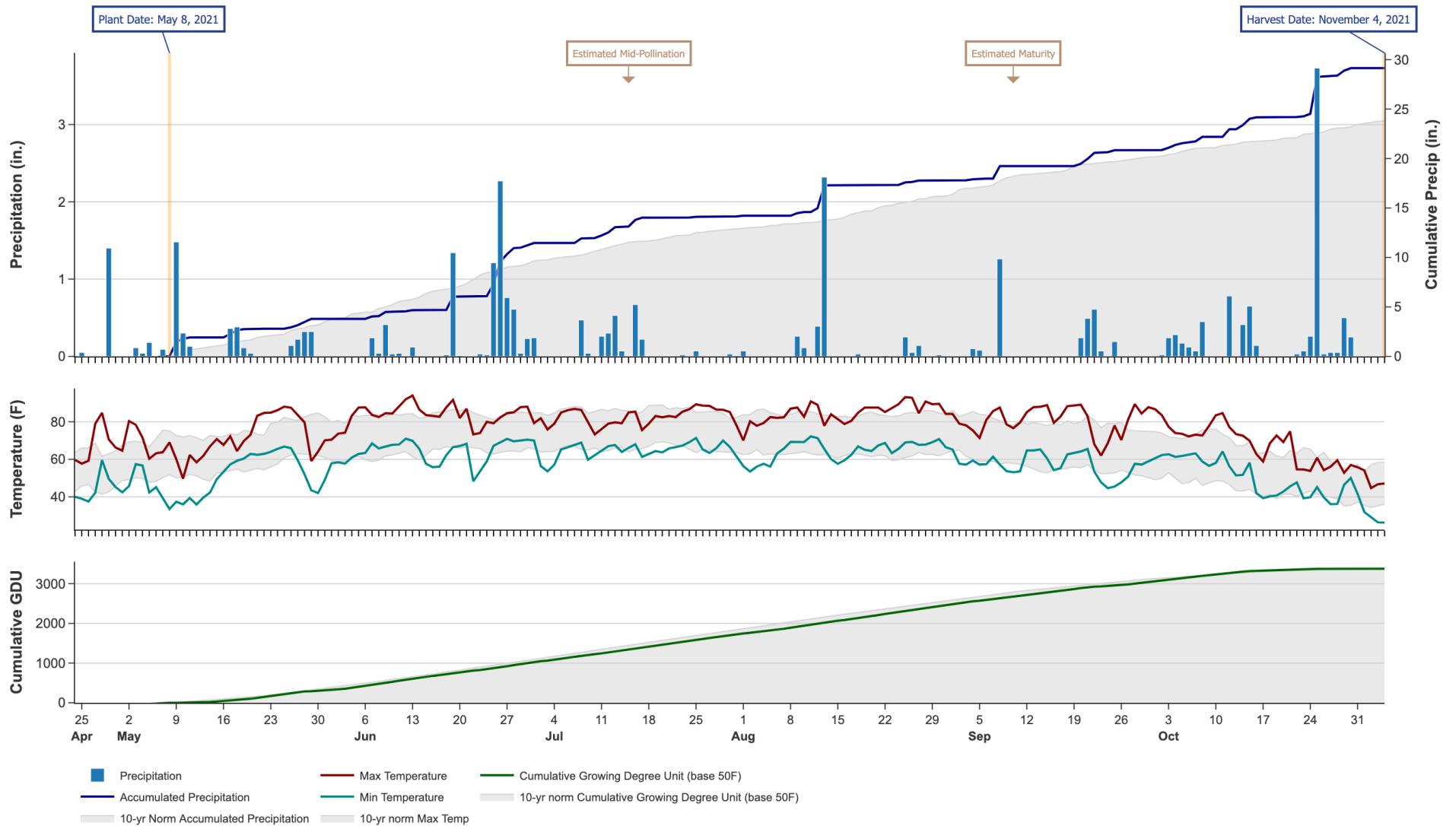
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# 2021 Corn - Illinois East Central [ ILEC ]

## Weather Conditions Summary at THOMASBORO, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   Normal (Diff)	1.5   1.4 (+0.1)	4.2   4.7 (-0.5)	7.4   5.9 (+1.6)	2.9   3.6 (-0.7)	3.6   3.3 (+0.4)	3.0   4.0 (-0.9)	8.3   3.3 (+5.0)	0.0   0.4 (-0.4)	31.0   26.4 (+4.6)
GDU   Normal (Diff)	55   51 (+3)	392   453 (-61)	695   697 (-2)	728   788 (-60)	745   722 (+22)	569   539 (+29)	331   243 (+87)	0   0 (0)	3515   3495 (+19)



\* 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
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
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

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Purple Ribbon	22A10VT2P	VT2P	N	110	AC,P2
Purple Ribbon	22A12VT2PRIB	VT2P	Y	112	AC,P2
Purple Ribbon	22R13DGV2PRIB	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.