

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

2021 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TOLUCA, IL

John Tiraboschi, Marshall County, IL 61369

Early-Season Test 105 - 110 Day CRM
B2021ILEC19a

Top 30 of 42 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Antares Prime,
Zidua Pro, Roundup, Outlook

SOIL DESCRIPTION: Rutland/Streator silt loam, mod.
well drained, non-irrigated

SOIL CONDITION: Minimum W/O Fall Till, high P,
medium K, 6.0 pH, 4.8% OM,
23.2 CEC

PEST MANAGEMENT: Explorer, Stinger, Empyros,
Stinger, Abundit Edge, Defcon

FERTILITY - Applied N: 120 Fall, 53 Spring, 80
Sidedress

Applied N-P-K (units): 253-250-250

SEEDED - RATE - ROW: Apr 25 37.5 /A 30" spacing

HARVESTED - STAND: Sep 26 33.8 /A

TEST COMMENTS:

This location was planted in ideal soil conditions, however heavy rains shortly afterwards caused some emergence issues. The early-season test showed nice looking plants despite the water damage. Good heat and plenty of moisture helped through pollination. Foliar disease came late, but the fungicide application kept them at bay allowing the plants to stay alive a bit longer. Cobs in certain areas of the plot were very spongy, possibly from improper dry down caused by the disease profile that was present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
NuTech	70A8AM ↗	AM	110	276.6	17.8	4	33.9	1498	1	
Stone	6078RIB ↗	STX	110	265.2	17.6	4	33.9	1438	3	
NuTech	70F2Q ↗	QR	110	263.7	17.4	4	33.1	1431	4	
Integra	5802 VT2PRIB ↗	VT2P	108	258.2	16.6	4	34.8	1408	5	
FS InVision	FS 6017V RIB ↗	VT2P	110	252.5	14.9	4	35.7	1389	6	
Stone	0931SSRIB ↗	STX	109	251.5	18.7	4	34.8	1355	9	
Hefty	H5832 RIB ↗	VT2P	108	251.1	16.2	4	33.9	1372	7	
Augusta	A1259-5222 ↗	5222	109	250.4	19.0	4	33.1	1347	12	
Purple Ribbon	21A08VT2PRIB ↗	VT2P	108	249.9	16.9	4	33.1	1360	8	
NuTech	68A7AM ↗	AM	108	249.3	17.5	4	33.9	1353	10	
Renk	RK805VT2P ↗	VT2P	110	248.4	16.7	4	33.1	1353	11	
Augusta	A1060-3330 ↗	3330	110	247.3	19.1	4	33.9	1330	17	
Sun Prairie	SP2507 ↗	STX	109	247.1	17.0	4	34.8	1344	13	
Burrus	POWER PLUS 5L44AM ↗	AM	110	246.2	17.4	4	33.9	1336	14	
NK Brand	NK1026-5332 EZR ↗	5332	110	246.2	19.0	4	33.9	1324	18	
Hefty	H6042 RIB ↗	VT2P	110	246.1	17.4	4	33.9	1336	15	
Golden Harvest	G07G73-5122 EZR ↗	5122	107	245.1	17.4	4	33.9	1331	16	
NuTech	69B9Q ↗	QR	109	242.5	17.2	4	34.8	1318	21	
NuTech	66C2Q ↗	QR	106	241.9	16.0	4	33.9	1323	20	
Integra	5719 VT2PRIB ↗	VT2P	107	240.7	14.2	4	33.9	1324	19	
Renk	RK700SSTX ↗	STX	107	239.7	17.7	4	32.2	1299	24	
Wyffels	W4196RIB ↗	VT2P	105	237.5	14.3	4	34.8	1306	22	
FS InVision	FS 5704V RIB ↗	VT2P	107	237.2	14.5	4	33.9	1305	23	
Integra	6061 TRERIB ↗	TRE	110	237.2	18.6	4	33.9	1279	27	
Hefty	H5812 RIB ↗	VT2P	108	236.2	13.9	4	34.8	1299	25	
Wyffels	W6408RIB ↗	STX	110	234.9	17.4	4	33.1	1275	28	
Great Heart	HT-6822VT2P ↗	VT2P	108	234.4	14.9	4	34.8	1289	26	
Hefty	H5944 RIB ↗	STX	109	234.1	17.2	4	33.1	1272	29	
Burrus	POWER PLUS 4C16 Q ↗	QR	108	230.8	16.2	4	33.9	1261	31	
Hefty	H5444 ↗	STX	104	230.7	14.6	4	34.8	1269	30	
Pioneer	P1108Q CK	QR	111	268.4	18.6	4	33.1	1447	2	
				Averages =	240.6	16.8	4	33.8	1309	
				LSD (0.10) =	10.3	0.8	ns			
				LSD (0.25) =	5.4	0.4	ns			
Nathan Roux				C.V. =	4.1					
nathan.g.roux@gmail.com, (815) 716-3794										Historic yield: 237.04 bu/a, 3 yr(s)

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

Report Date: 09/27/2021

† 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] TOLUCA, IL

John Tiraboschi, Marshall County, IL 61369

Full-Season Test 111 - 115 Day CRM
B2021ILEC19b

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

PREV. CROP/HERB: Soybeans / Antares Prime,
Zidua Pro, Roundup, Outlook

SOIL DESCRIPTION: Rutland/Streator silt loam, mod.
well drained, non-irrigated

SOIL CONDITION: Minimum W/O Fall Till, high P,
medium K, 6.0 pH, 4.8% OM,
23.2 CEC

PEST MANAGEMENT: Explorer, Stinger, Empyros,
Stinger, Abundit Edge, Defcon

FERTILITY - Applied N: 120 Fall, 53 Spring, 80
Sidedress

Applied N-P-K (units): 253-250-250

SEEDED - RATE - ROW: Apr 25 37.5 /A 30" spacing

HARVESTED - STAND: Sep 26 34.0 /A

TEST COMMENTS:

This location was planted in ideal soil conditions, however heavy rains shortly afterwards caused some emergence issues. The early-season test showed nice looking plants despite the water damage. Good heat and plenty of moisture helped through pollination. Foliar disease came late, but the fungicide application kept them at bay allowing the plants to stay alive a bit longer. Cobs in certain areas of the plot were very spongy, possibly from improper dry down caused by the disease profile that was present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
FS InVision	FS 6595V RIB ↗	VT2P	115	271.0	20.5	4	34.8	1446	3	
Sun Prairie	SP2607 ↗	STX	111	270.6	19.4	4	34.0	1453	2	
Wyffels	W7876RIB ↗	VT2P	114	264.1	18.7	4	33.9	1423	4	
Wyffels	W7208 ↗	STX	112	259.8	18.9	4	33.9	1399	5	
ProHarvest	81P88 TRERIB ↗	TRE	111	259.1	19.6	4	31.3	1390	6	
Great Heart	HT-7148TRE ↗	TRE	111	257.4	18.8	4	31.3	1386	7	
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	255.4	17.5	4	32.2	1385	8	
Integra	6555 VT2PRIB ↗	VT2P	114	254.1	19.3	4	33.1	1365	9	
Renk	RK915VT2P ↗	VT2P	115	253.5	21.9	4	33.9	1342	11	
Wyffels	W7956RIB ↗	VT2P	114	250.2	18.7	4	33.1	1348	10	
ProHarvest	8360 VT2PRIB ↗	VT2P	113	248.5	19.9	4	34.8	1330	12	
Great Heart	HT-7256DGV2P ↗	VT2PDG	112	244.2	17.9	4	34.0	1322	13	
Hefty	H6145 TRERIB ↗	TRE	112	243.4	20.1	4	33.9	1301	16	
Burrus	6Y61 DGV2P ↗	VT2PDG	113	241.2	19.6	4	33.1	1293	17	
Hefty	H6423 RIB ↗	VT2PDG	114	241.1	20.5	4	34.8	1286	20	
Golden Harvest	G15J91-3220 EZR ↗	3220	115	240.9	21.2	4	34.8	1280	21	
Stone	1122SSRIB ↗	STX	111	240.3	16.3	4	34.8	1312	15	
Purple Ribbon	22A10VT2P ↗	VT2P	110	239.7	15.5	4	34.8	1315	14	
Hefty	H6524 RIB ↗	STX	115	238.1	19.2	4	34.8	1279	22	
Augusta	A4463 VT2P GC ↗	VT2P	113	237.6	17.3	4	34.8	1290	18	
NuTech	74B6AM ↗	AM	114	236.9	18.8	4	34.8	1276	23	
Integra	6162 VT2PRIB ↗	VT2P	111	236.5	16.9	4	33.9	1288	19	
NuTech	72B7Q ↗	QR	112	236.4	19.3	4	35.7	1270	25	
Pioneer	P1366Q GC ↗	QR	113	234.9	17.2	4	34.8	1276	24	
FS InVision	FS 6217X RIB ↗	STX	112	234.8	19.3	4	33.0	1261	26	
ProHarvest	84P93 DGV2PRIB ↗	VT2PDG	114	234.5	19.3	4	32.2	1259	27	
NK Brand	NK1321-3120 EZR ↗	3120	113	232.6	18.8	4	33.0	1253	29	
Renk	RK937VT2P ↗	VT2P	113	231.4	17.6	4	34.8	1254	28	
Augusta	A2362 VT2P GC ↗	VT2P	112	229.4	17.0	4	34.8	1248	30	
FS InVision	FS 6194V RIB ↗	VT2P	111	226.0	14.6	4	34.8	1243	31	
Pioneer	P1108Q CK	QR	111	271.4	16.9	4	34.8	1477	1	
				Averages =	231.9	18.8	4	34.0	1249	
				LSD (0.10) =	13.1	1.1	ns			
				LSD (0.25) =	6.9	0.6	ns			
Nathan Roux				C.V. =	5.4					
nathan.g.roux@gmail.com, (815) 716-3794										Historic yield: 237.04 bu/a, 3 yr(s)

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

Report Date: 09/27/2021

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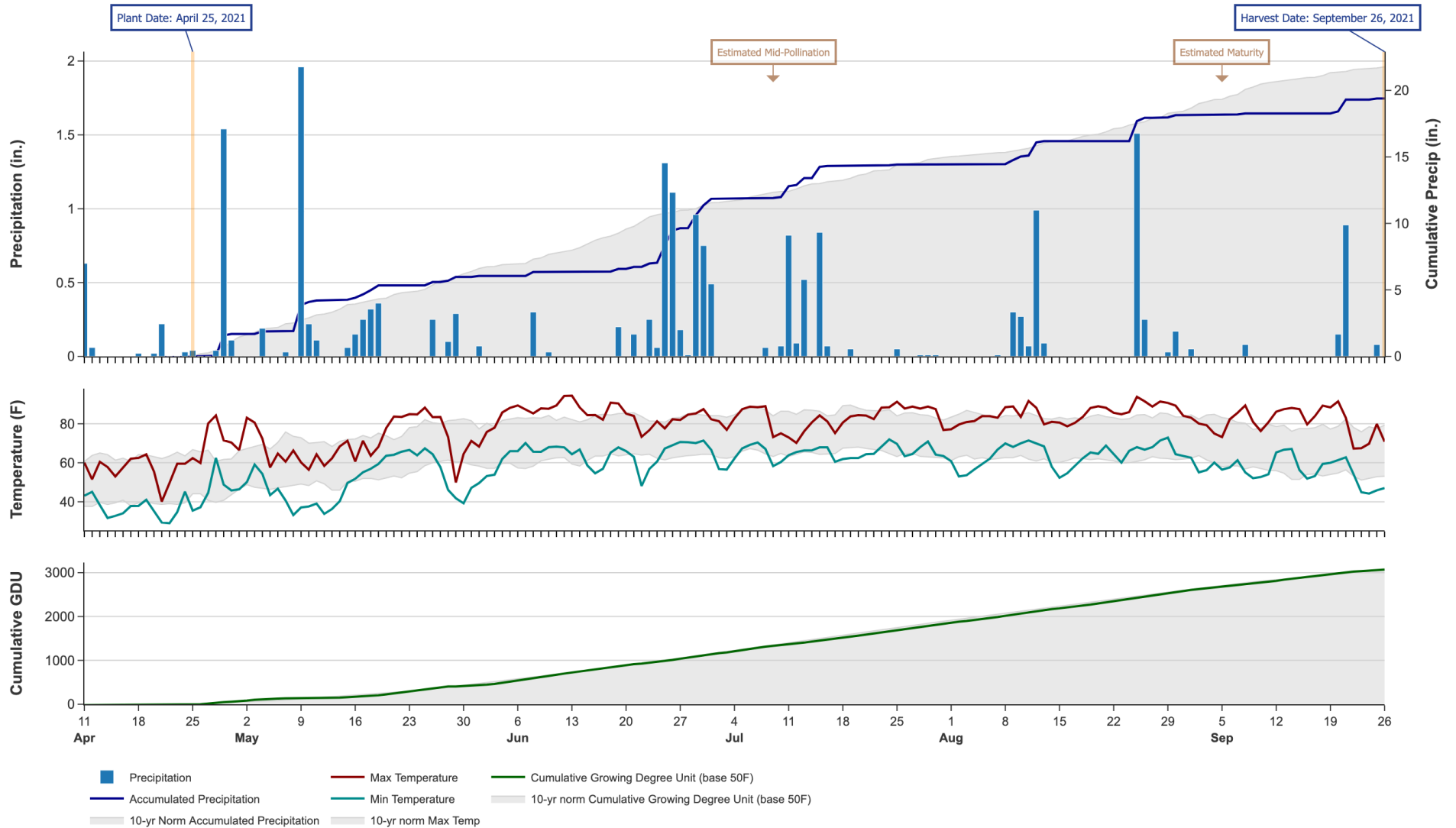
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2021 Corn - Illinois East Central [ILEC]

Weather Conditions Summary at TOLUCA, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	2.7 3.1 (-0.4)	4.3 5.3 (-1.0)	5.4 5.0 (+0.4)	3.1 3.6 (-0.5)	3.7 3.5 (+0.2)	1.2 3.3 (-2.1)	20.4 23.7 (-3.3)
GDU Normal (Diff)	83 123 (-40)	365 419 (-54)	698 664 (+33)	725 774 (-49)	738 708 (+29)	484 462 (+21)	3093 3152 (-59)



* 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

[^] 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

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®

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

Corn Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.