

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

## 2020 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TOLUCA, IL

John Tiraboschi, Marshall County, IL 61369

<b>Early-Season Test</b>	105 - 110 Day CRM B2020ILEC19a
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Antares Prime, Zidua Pro, Roundup, Outlook
<b>SOIL DESCRIPTION:</b>	Rutland/Streator silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, very high P, medium K, 5.7 pH, 5.2% OM, 28.9 CEC
<b>PEST MANAGEMENT:</b>	Verdict, Atrazine, Explorer, Roundup, Cover XI, Force
<b>FERTILITY - Applied N:</b>	110 Fall, 45 Spring, 55 Sidedress, 12 Foliar Rescue
<b>Applied N-P-K (units):</b>	222-200-200
<b>SEEDED - RATE - ROW:</b>	May 12 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 6 34.6 /A

### TEST COMMENTS:

*The plot was planted mid-May in very nice soil conditions. What can I say other than, Wow! Emergence was super nice and even, but followed by a hail storm on June 3rd and had 6 weeks of no rain between June and July. The plot had excellent stalk quality and stood very nice, ears were filled out nicely with minimal tip back. There was a small amount of foliar disease noted but very minimal. As a whole, the plot was very healthy and looked amazing!*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
INTEGRA	6061 VT2PRIB	VT2P	110	<b>280.8</b>	24.8	1	35.7	901	1
RENK	RK805VT2P	VT2P	110	<b>280.8</b>	25.4	1	35.7	895	3
SUN PRAIRIE	SP2508	STX	110	<b>278.3</b>	26.8	1	34.8	876	10
NUTECH	68A7AM	AM,B	107	<b>277.1</b>	25.2	1	34.8	885	4
GREAT HEART	HT-6948VT2P	VT2P,B	109	<b>276.6</b>	28.1	1	35.7	859	22
NUTECH	68B3AML	AML,B	108	<b>276.5</b>	23.5	1	33.9	897	2
NUTECH	70A8AM	AM,B	110	<b>276.5</b>	25.5	1	35.7	881	5
PIONEER	P0825AMXT GC	AMXT,B	108	<b>276.5</b>	25.5	1	34.8	881	6
RENK	RK700SSTX	STX	107	<b>276.4</b>	25.9	1	34.8	877	8
WYFFELS	W6408RIB	STX,B	110	<b>275.5</b>	25.7	1	33.9	876	11
HEFTY	H5832VT2PRIB	VT2P,B	108	274.7	25.3	1	33.1	876	12
AUGUSTA	1060 GC	3330	109	272.9	27.2	1	34.8	855	26
SUN PRAIRIE	SP2504	VT2P	110	271.3	25.7	1	33.9	862	19
INTEGRA	5719 VT2PRIB	VT2P,B	107	271.1	25.3	1	34.8	865	17
PURPLE RIBBON	21A09	VT2P	109	271.1	26.8	1	34.8	853	29
PIONEER	P0720Q GC	QR,B	107	270.7	24.9	1	36.6	867	16
WYFFELS	W4198RIB	STX,B	106	270.5	23.6	1	34.8	877	9
GREAT HEART	HT-7003VT2P	VT2P,B	110	270.5	26.7	1	34.8	852	30
DEKALB	DKC58-64RIB GC	STX,B	108	270.4	25.9	1	34.8	858	23
NK BRAND	NK1026-3330-EZR	3330,B	110	269.7	26.2	1	33.9	854	27
PIONEER	P1099Q GC	QR,B	110	269.5	25.7	1	33.9	856	25
NUTECH	70F2Q	QR,B	110	268.7	25.3	1	33.9	858	24
INTEGRA	5529 VT2PRIB	VT2P,B	105	266.7	21.8	1	33.1	879	7
DYNA-GRO	D50VC78	VT2P	110	265.8	22.2	1	34.8	873	14
HEFTY	H5812VT2PRIB	VT2P,B	108	265.7	22.0	1	33.9	874	13
AUGUSTA	4757 GC	VT2P	107	265.6	22.3	1	35.7	871	15
WYFFELS	W5516RIB	VT2P,B	108	264.8	23.4	1	33.9	860	20
RENK	RK726H	PC	106	264.5	23.3	1	35.7	860	21
FS INVISON	FS 5704X RIB	STX,B	107	263.8	22.7	1	33.1	863	18
AUGUSTA	2856	3220,B	106	258.8	21.6	1	34.8	854	28
PIONEER	P1108Q CK	QR,B	111	256.1	27.5	1	34.8	800	52
				<b>Averages =</b>	<b>265.5</b>	<b>24.8</b>	<b>1</b>	<b>34.6</b>	<b>851</b>
				LSD (0.10) =	9.8	1.3	ns		
				LSD (0.25) =	5.1	0.7	ns		
				C.V. =	3.5				
				Historic yield: 229.7 bu/a, 2 yr(s)					

Nathan Roux

nathan.g.roux@gmail.com, (815) 716-3794

### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.50

Report Date: 10/06/2020

† 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

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John Tiraboschi, Marshall County, IL 61369

<b>Full-Season Test</b>	111 - 115 Day CRM B2020ILEC19b
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Antares Prime, Zidua Pro, Roundup, Outlook
<b>SOIL DESCRIPTION:</b>	Rutland/Streator silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, very high P, medium K, 5.7 pH, 5.2% OM, 28.9 CEC
<b>PEST MANAGEMENT:</b>	Verdict, Atrazine, Explorer, Roundup, Cover XI, Force
<b>FERTILITY - Applied N:</b>	110 Fall, 45 Spring, 55 Sidedress, 12 Foliar Rescue
<b>Applied N-P-K (units):</b>	222-200-200
<b>SEEDED - RATE - ROW:</b>	May 12 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 6 32.8 /A

### TEST COMMENTS:

The plot was planted mid-May in very nice soil conditions. What can I say other than, Wow! Emergence was super nice and even, but followed by a hail storm on June 3rd and had 6 weeks of no rain between June and July. The plot had excellent stalk quality and stood very nice, ears were filled out nicely with minimal tip back. There was a small amount of foliar disease noted but very minimal. As a whole, the plot was very healthy and looked amazing!

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	74B6AM	AM,B	114	<b>277.6</b>	26.3	1	33.9	878	1
INTEGRA	6410 VT2PRIB	VT2P,B	114	<b>277.6</b>	26.8	1	33.9	874	2
STONE	6368RIB	STX,B	113	<b>274.6</b>	27.3	1	34.8	860	4
HEFTY	H6132VT2PRIB	VT2P,B	111	<b>273.3</b>	26.3	1	33.9	864	3
FS INVISON	FS 6306T RIB	TRE,B	113	<b>273.3</b>	27.6	1	33.9	853	6
NK BRAND	NK1460-5222-EZR	5222,B	114	<b>273.2</b>	29.9	1	34.8	834	12
GREAT HEART	HT-7302VT2P	VT2P,B	113	<b>273.1</b>	26.8	1	34.8	859	5
HEFTY	H6525TRERIB	TRE,B	115	<b>272.0</b>	27.7	1	33.9	849	7
GREAT HEART	HT-7123VT2P	VT2P,B	111	<b>270.9</b>	27.9	1	34.8	843	9
PIONEER	P1366AMXT GC	AMXT,B	113	<b>270.7</b>	27.1	1	32.1	849	8
HEFTY	H6134SSRIB	STX,B	111	<b>269.1</b>	27.6	1	33.9	840	10
GREAT HEART	HT-7256DGV2P	VT2PDG,B	112	<b>268.4</b>	28.9	1	34.8	827	15
HEFTY	H6244SS	STX	112	267.4	27.1	1	33.0	839	11
RENK	RK882SSTX	STX	111	267.1	29.0	1	32.2	822	16
PURPLE RIBBON	18A12VT2PRIB	VT2P,B	112	267.0	29.7	1	33.9	817	17
NUTECH	5FB-2213AM	AM,B	113	266.5	27.7	1	33.9	831	13
WYFFELS	W7876RIB	VT2P,B	114	263.2	29.8	1	33.9	805	20
DYNA-GRO	D54SS34	STX	114	263.1	29.9	1	34.0	803	21
WYFFELS	W8148	STX	115	262.9	30.1	1	29.5	801	24
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	262.6	29.3	1	30.4	807	18
STONE	1521SS	STX,B	115	262.5	31.2	1	33.9	791	30
GREAT HEART	HT-7240DGV2P	VT2PDG,B	112	262.3	26.5	1	33.9	828	14
PROHARVEST	84P93 SSTXRIB	STX,B	114	262.0	29.7	1	31.3	802	22
RENK	RK945SSTX	STX,B	115	261.6	29.9	1	32.2	798	26
PURPLE RIBBON	20R13	VT2PDG,B	113	261.0	29.2	1	33.9	802	23
NK BRAND	NK1239-5122-EZR	5122,B	112	260.4	29.5	1	32.1	798	27
DEKALB	DKC63-34RIB GC	STX,B	113	260.3	30.7	1	33.1	789	31
RENK	RK945DGV2P	VT2PDG,B	115	260.2	28.2	1	33.1	807	19
INTEGRA	6533 VT2PRIB	VT2P,B	115	258.2	28.7	1	33.1	798	28
NUTECH	71F5CYFR	QR	111	251.1	26.6	1	34.8	792	29
PIONEER	P1108Q CK	QR,B	111	254.6	26.9	1	33.9	800	25
				<b>Averages =</b>	<b>257.9</b>	<b>28.9</b>	<b>1</b>	<b>32.8</b>	<b>795</b>
				LSD (0.10) =	10.4	1.1	ns		
				LSD (0.25) =	5.4	0.6	ns		
				C.V. =	3.8				
				Historic yield: 229.7 bu/a, 2 yr(s)					

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.50

Report Date: 10/06/2020

† 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

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## 2020 Corn - Illinois East Central [ ILEC ]

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

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1060 GC	3330	109	CM,C2
AUGUSTA	1259	3330,B	109	AVC,C5
AUGUSTA	2856	3220,B	106	AVC,C2
AUGUSTA	4757 GC	VT2P	107	AC,P5V
AUGUSTA	4958-3120	3120,B	108	CM,C2
DEKALB	DKC58-64RIB GC	STX,B	108	NA
DYNA-GRO	D49SS70	STX	109	AC,P5V,EDC-B
DYNA-GRO	D50VC78	VT2P	110	AC,P5V,EDC-B
FS INVISION	FS 5704X RIB	STX,B	107	AC,P5V
FS INVISION	FS 5892V RIB	VT2P,B	108	AC,P5V
FS INVISION	FS 58RL1 EZR	3220,B	108	AC,P2
FS INVISION	FS 5909D2A EZR	5222A,B	109	AC,P5V
FS INVISION	FS 60UX1 RIB	STX,B	110	AC,P5V
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	AVC,C5,Vi
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	AVC,C5,Vi
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	AVC,C5,Vi
GREAT HEART	HT-6948VT2P	VT2P,B	109	NA
GREAT HEART	HT-7003VT2P	VT2P,B	110	NA
HEFTY	H5624SSRIB	STX,B	106	HC
HEFTY	H5812VT2PRIB	VT2P,B	108	HC
HEFTY	H5832VT2PRIB	VT2P,B	108	HC
HEFTY	H5944SS	STX	109	HC
INTEGRA	5529 VT2PRIB	VT2P,B	105	AC,P2,St,SU
INTEGRA	5719 VT2PRIB	VT2P,B	107	AC,P2,St,SU
INTEGRA	5770 STXRIB	STX,B	107	AC,P5V,St,SU
INTEGRA	5939 STXRIB	STX,B	109	AC,P5V,St,SU
INTEGRA	6061 VT2PRIB	VT2P	110	AC,P5,St,SU
NK BRAND	NK1026-3330-EZR	3330,B	110	AVC,C5,Vi
NK BRAND	NK1082-5222A-EZR	5222A,B	110	AVC,C5,Vi
NUTECH	5FB-9909AM	AM,B	109	P1V,RN
NUTECH	68A7AM	AM,B	107	P1V,RN
NUTECH	68B3AML	AML,B	108	P1V,RN
NUTECH	70A8AM	AM,B	110	P1V,RN
NUTECH	70F2Q	QR,B	110	P1V,RN
PIONEER	P0574AMXT GC	AMXT-R,B	105	NA
PIONEER	P0720Q GC	QR,B	107	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
PIONEER	P0825AMXT GC	AMXT,B	108	NA
PIONEER	P1099Q GC	QR,B	110	NA
PIONEER	P1108Q CK	QR,B	111	NA
PURPLE RIBBON	21A08	VT2P,B	108	NA
PURPLE RIBBON	21A09	VT2P	109	NA
RENK	RK700SSTX	STX	107	AC,P5V
RENK	RK726H	PC	106	AC,P2
RENK	RK765VT2PRIB	VT2P,B	109	AC,P2
RENK	RK805VT2P	VT2P	110	AC,P2
STONE	0931SS	STX,B	109	NA
STONE	5858RIB	STX,B	108	NA
STONE	6078RIB	STX,B	110	NA
SUN PRAIRIE	SP2504	VT2P	110	AC,P5V,B-300
SUN PRAIRIE	SP2508	STX	110	AC,P5V,B-300
WYFFELS	W4198RIB	STX,B	106	AC,P5V
WYFFELS	W5086RIB	VT2P,B	107	AC250
WYFFELS	W5516RIB	VT2P,B	108	AC250
WYFFELS	W6408RIB	STX,B	110	AC,P5V

## 2020 Corn - Illinois East Central [ ILEC ]

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

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	6162	3220,B	112	AVC,C5
DEKALB	DKC63-34RIB GC	STX,B	113	NA
DYNA-GRO	D54SS34	STX	114	AC,P5V,EDC-B
DYNA-GRO	D55VC80	VT2P	115	AC,P5V,EDC-B
FS INVISION	FS 6106X RIB	STX,B	111	AC,P5V
FS INVISION	FS 6299L2 EZR	3220,B	112	AC,P5V
FS INVISION	FS 6306T RIB	TRE,B	113	AC,P5V
FS INVISION	FS 6406X RIB	STX,B	114	AC,P5V
FS INVISION	FS 6595V RIB	VT2P,B	115	AC,P5V
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	AVC,C5,Vi
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	AVC,C5,Vi
GOLDEN HARVEST	G15L32-5222-EZR	5222,B	115	AVC,C5,Vi
GREAT HEART	HT-7123VT2P	VT2P,B	111	NA
GREAT HEART	HT-7240DGVT2P	VT2PDG,B	112	NA
GREAT HEART	HT-7256DGVT2P	VT2PDG,B	112	NA
GREAT HEART	HT-7275SS	STX	112	NA
GREAT HEART	HT-7302VT2P	VT2P,B	113	NA
HEFTY	H6132VT2PRIB	VT2P,B	111	HC
HEFTY	H6134SSRIB	STX,B	111	HC
HEFTY	H6244SS	STX	112	HC
HEFTY	H6524SSRIB	STX,B	115	HC
HEFTY	H6525TRERIB	TRE,B	115	HC
INTEGRA	6284 VT2PRIB	VT2P,B	112	AC,P2,St,SU
INTEGRA	6410 VT2PRIB	VT2P,B	114	AC,P5V,St,SU
INTEGRA	6533 VT2PRIB	VT2P,B	115	AC,P5V,St,SU
INTEGRA	6588 VT2PRIB	VT2P,B	115	AC,P2V,St,SU
NK BRAND	NK1239-5122-EZR	5122,B	112	AVC,C5,Vi
NK BRAND	NK1354-5222-EZR	5222,B	113	AVC,C5,Vi
NK BRAND	NK1460-5222-EZR	5222,B	114	AVC,C5,Vi
NUTECH	5FB-2213AM	AM,B	113	P1V,RN
NUTECH	71F5CYFR	QR	111	P1V,RN
NUTECH	72B7CYFR	QR	112	P1V,RN
NUTECH	74B6AM	AM,B	114	P1V,RN
NUTECH	75G1YHR	OI	115	P1V,RN
PIONEER	P1108Q CK	QR,B	111	NA
PIONEER	P1366AMXT GC	AMXT,B	113	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
PROHARVEST	8324 VT2PRIB	VT2P,B	113	AC,P2
PROHARVEST	8360 VT2PRIB	VT2P,B	113	AC,P2
PROHARVEST	84P93 SSTXRIB	STX,B	114	P5V
PURPLE RIBBON	18A12VT2PRIB	VT2P,B	112	NA
PURPLE RIBBON	20A11VT2PRIB	VT2P,B	111	NA
PURPLE RIBBON	20R13	VT2PDG,B	113	AC,P2
RENK	RK807SSTXRIB	STX,B	111	AC,P5V
RENK	RK882SSTX	STX	111	AC,P5V
RENK	RK945DGVT2P	VT2PDG,B	115	AC,P2
RENK	RK945SSTX	STX,B	115	AC,P5V
STONE	1521SS	STX,B	115	NA
STONE	6198RIB	STX,B	111	NA
STONE	6368RIB	STX,B	113	NA
WYFFELS	W6978	STX	111	AC,P5V
WYFFELS	W7726RIB	VT2P,B	113	AC250
WYFFELS	W7876RIB	VT2P,B	114	AC250
WYFFELS	W7956RIB	VT2P,B	114	AC250
WYFFELS	W8148	STX	115	AC,P5V

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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^ 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
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme
AMXT-R	Optimum® AcreMax® Xtreme Rootworm
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
OI	Optimum® Intrasect®
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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\*The refuge component genetics may vary in a refuge blend seed product.

## Corn Seed Treatments\*\*

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NA	Not Available
AC250	Acceleron 250
AC,P2	Acceleron, Poncho 250
AC,P2,St,SU	Acceleron 250, Stamina, StepUp
AC,P2V,St,SU	Acceleron Poncho 250 Votivo, Stamina, StepUp
AC,P5,St,SU	Acceleron Poncho 500, Stamina, StepUp
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,B-300	Acceleron Poncho 500/Votivo with B-300 SAT
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron Poncho 500/Votivo, Stamina, StepUp
AVC,C2	Avicta Complete 250
AVC,C5	Avicta Complete 500
AVC,C5,Vi	Avicta Complete 500, Vibrance
CM,C2	CruiserMaxx 250
HC	Hefty Complete
P1V,RN	Poncho 1250/Votivo, Rancona®
P5V	Poncho 500/Votivo

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