

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

2020 Corn Grain Top 30 Harvest Report

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

Early-Season Test	105 - 110 Day CRM B2020ILEC24a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Boundry, Sulfentrazone, Flexstar Gt
SOIL DESCRIPTION:	Ipava/Sable silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, high P, high K, 5.6 pH, 3.4% OM, 22.4 CEC
PEST MANAGEMENT:	Infantry 4I, Halex Gt, Acuron, Trivapro, Force
FERTILITY - Applied N:	163 Fall, 53 Spring
Applied N-P-K (units):	216-119-126
SEEDED - RATE - ROW:	Apr 22 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 14 35.1 /A

TEST COMMENTS:

This location was planted in ideal conditions and went in very nice. The plot took on some heavy rains shortly after planting but the field drained well and did not affect any emergence. Emergence was very even across the entire plot and looked beautiful during the summer with plenty of moisture and heat along with it. Despite August being very dry, plants were healthy and cobs were large and full to the tip with no evidence of folier diseases.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
INTEGRA	6061 VT2PRIB	VT2P	110	284.8	13.9	1	34.8	997	1
DYNA-GRO	D50VC78	VT2P	110	281.6	12.5	1	34.8	986	2
AUGUSTA	1259	3330,B	109	278.7	12.9	1	35.7	975	3
FS INVISION	FS 5909D2A EZR	5222A,B	109	276.0	13.0	1	34.8	966	4
STONE	5858RIB	STX,B	108	273.9	12.0	1	35.7	959	5
NUTECH	68A7AM	AM,B	107	266.7	12.1	1	35.7	933	7
NK BRAND	NK1082-5222A-EZR	5222A,B	110	265.8	13.1	1	35.7	930	8
PURPLE RIBBON	21A09	VT2P	109	264.7	12.5	1	35.7	926	9
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	262.7	13.9	1	35.7	919	10
SUN PRAIRIE	SP2504	VT2P	110	262.0	12.4	1	34.8	917	11
RENK	RK805VT2P	VT2P	110	259.4	12.4	1	34.8	908	12
NUTECH	70A8AM	AM,B	110	259.2	13.8	1	34.8	907	13
STONE	6078RIB	STX,B	110	256.6	12.6	1	35.7	898	14
FS INVISION	FS 60UX1 RIB	STX,B	110	256.3	12.9	1	34.8	897	15
FS INVISION	FS 5892V RIB	VT2P,B	108	255.1	12.3	1	35.7	893	16
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	254.4	13.2	1	34.8	890	17
WYFFELS	W5516RIB	VT2P,B	108	254.2	12.4	1	36.6	890	18
HEFTY	H5832VT2PRIB	VT2P,B	108	251.4	12.3	1	35.7	880	19
NK BRAND	NK1026-3330-EZR	3330,B	110	251.3	14.2	1	35.7	880	20
AUGUSTA	4757 GC	VT2P	107	251.2	11.9	1	33.9	879	21
AUGUSTA	1060 GC	3330	109	250.8	13.9	1	35.7	878	22
NUTECH	70F2Q	QR,B	110	250.3	12.6	1	34.8	876	23
RENK	RK700SSTX	STX	107	249.6	12.2	1	33.0	874	24
INTEGRA	5529 VT2PRIB	VT2P,B	105	248.9	11.9	1	35.7	871	25
STONE	0931SS	STX,B	109	248.7	13.0	1	35.7	870	26
FS INVISION	FS 58RL1 EZR	3220,B	108	248.7	12.9	1	35.7	870	27
AUGUSTA	4958-3120	3120,B	108	248.4	12.2	1	33.9	869	28
HEFTY	H5812VT2PRIB	VT2P,B	108	247.7	12.3	1	34.8	867	29
GREAT HEART	HT-7003VT2P	VT2P,B	110	247.5	12.9	1	35.7	866	30
SUN PRAIRIE	SP2508	STX	110	247.4	12.4	1	34.8	866	31
PIONEER	P1108Q CK	QR,B	111	272.5	13.2	1	36.6	954	6
				Averages =	249.3	12.5	1	35.1	873
				LSD (0.10) =	10.8	0.3	ns		
				LSD (0.25) =	5.6	0.2	ns		
				C.V. =	4.1				
				Historic yield: 200.0 bu/a, 19 yr(s)					

Nathan Roux

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.50

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Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS INVISION	FS 6406X RIB	STX,B	114	278.3	14.6	1	35.7	974	1
NUTECH	74B6AM	AM,B	114	277.5	14.4	1	33.9	971	2
STONE	6198RIB	STX,B	111	275.7	13.1	1	37.5	965	3
WYFFELS	W7876RIB	VT2P,B	114	274.6	13.6	1	33.9	961	4
PROHARVEST	8360 VT2PRIB	VT2P,B	113	274.5	14.7	1	35.7	961	5
STONE	6368RIB	STX,B	113	271.5	13.4	1	35.7	950	6
FS INVISION	FS 6595V RIB	VT2P,B	115	271.0	14.7	1	35.7	948	7
RENK	RK882SSTX	STX	111	270.5	14.3	1	36.6	947	8
DYNA-GRO	D55VC80	VT2P	115	270.3	14.2	1	35.7	946	9
HEFTY	H6244SS	STX	112	265.6	14.6	1	36.6	930	10
INTEGRA	6284 VT2PRIB	VT2P,B	112	264.8	13.3	1	35.7	927	11
INTEGRA	6410 VT2PRIB	VT2P,B	114	264.5	14.4	1	35.7	926	12
INTEGRA	6533 VT2PRIB	VT2P,B	115	264.4	15.1	1	35.7	925	13
GREAT HEART	HT-7123VT2P	VT2P,B	111	264.3	12.9	1	35.7	925	14
GREAT HEART	HT-7256DGV2P	VT2PDG,B	112	263.4	13.4	1	34.8	922	15
STONE	1521SS	STX,B	115	263.3	15.1	1	35.7	921	17
FS INVISION	FS 6306T RIB	TRE,B	113	263.3	13.4	1	35.7	922	16
PROHARVEST	84P93 SSTXRIB	STX,B	114	263.2	14.0	1	32.2	921	18
HEFTY	H6134SSRIB	STX,B	111	263.0	14.0	1	35.7	920	19
HEFTY	H6524SSRIB	STX,B	115	262.6	14.9	1	34.8	919	21
RENK	RK945DGV2P	VT2PDG,B	115	262.1	14.7	1	34.8	917	22
INTEGRA	6588 VT2PRIB	VT2P,B	115	262.1	15.1	1	32.2	916	23
GREAT HEART	HT-7302VT2P	VT2P,B	113	261.1	14.4	1	34.8	914	24
PURPLE RIBBON	20R13	VT2PDG,B	113	259.8	13.3	1	35.7	909	25
WYFFELS	W7726RIB	VT2P,B	113	259.3	15.0	1	33.1	908	26
PURPLE RIBBON	20A11VT2PRIB	VT2P,B	111	258.5	13.0	1	36.6	905	27
WYFFELS	W7956RIB	VT2P,B	114	257.8	14.2	1	35.7	902	28
HEFTY	H6132VT2PRIB	VT2P,B	111	257.1	13.4	1	35.7	900	29
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	256.8	15.2	1	35.7	898	30
FS INVISION	FS 6106X RIB	STX,B	111	256.4	12.4	1	36.6	897	31
PIONEER	P1108Q CK	QR,B	111	262.7	13.0	1	36.6	919	20
				Averages =	257.6	14.0	1	35.3	902
				LSD (0.10) =	11.7	0.7	ns		
				LSD (0.25) =	6.1	0.4	ns		
				C.V. =	4.3				
				Historic yield: 200.0 bu/a, 19 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: 10/14/2020

† 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

[^] 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
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®

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

Corn Seed Treatments**

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

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