

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

2020 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] MACOMB, IL
Joel Lewis, McDonough County, IL 61438

Early-Season Test	105 - 110 Day CRM B2020ILWC25a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Roundup, Warrant
SOIL DESCRIPTION:	Ipava/Rozetta silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, medium P, high K, 5.6 pH, 3.1% OM, 18.2 CEC
PEST MANAGEMENT:	Harness Xtra, Armezon Pro, Atrazine, Roundup Powermax, Force
FERTILITY - Applied N:	150 Fall, 29 Spring
Applied N-P-K (units):	179-93-140
SEEDED - RATE - ROW:	Apr 23 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 29 34.4 /A

TEST COMMENTS:

This location was planted in nearly ideal conditions and went in very nice. Emergence was even across the entire plot and showed promising potential 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. Joel said he is guessing his heavier black soils helped water retention during the dry August. He has been seeing 240-260 bu/A in all of the fields he has harvested thus far.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	68A7AM	AM,B	107	301.8	19.3	3	34.8	1017	1
GREAT HEART	HT-6948VT2P	VT2P,B	109	299.6	18.5	2	34.8	1017	2
NUTECH	70A8AM	AM,B	110	297.9	19.5	3	33.9	1002	4
LEWIS	09DD740	VT2PDG,B	109	296.0	18.2	5	34.8	1008	3
INTEGRA	6061 VT2PRIB	VT2P	110	292.1	20.3	1	35.7	976	5
CORNELIUS	C575DP	VT2P	109	289.7	19.7	4	33.1	973	6
STONE	0931SS	STX,B	109	285.5	19.7	2	35.7	959	8
AUGUSTA	1060 GC	3330	109	284.7	20.7	1	33.1	947	10
LEWIS	10DP719	VT2P,B	110	283.3	18.5	4	34.0	962	7
RENK	RK765VT2PRIB	VT2P,B	109	281.6	19.2	1	34.8	950	9
FS INVISION	FS 5909D2A EZR	5222A,B	109	281.1	19.6	5	33.9	945	11
STONE	6078RIB	STX,B	110	278.3	19.9	3	33.9	933	13
NK BRAND	NK1026-3330-EZR	3330,B	110	276.6	20.8	3	34.8	920	18
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	276.0	21.4	6	33.9	913	23
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	275.2	21.1	1	35.7	913	24
NUTECH	68B3AML	AML,B	108	275.1	18.3	3	34.8	935	12
DYNA-GRO	D49SS70	STX	109	274.7	20.1	3	35.7	920	19
INTEGRA	5939 STXRIB	STX,B	109	273.8	21.3	2	34.8	907	28
NUTECH	5FB-9909AM	AM,B	109	273.6	19.3	10	33.9	923	15
HEFTY	H5832VT2PRIB	VT2P,B	108	272.5	18.3	3	33.9	927	14
PIONEER	P1099Q GC	QR,B	110	272.0	19.3	7	34.8	917	20
STONE	5858RIB	STX,B	108	271.9	18.6	4	34.8	922	17
DYNA-GRO	D50VC78	VT2P	110	271.9	19.7	2	33.9	913	25
RENK	RK805VT2P	VT2P	110	271.4	19.1	4	34.8	917	21
LEWIS	08DP739	VT2P,B	108	270.1	20.1	2	35.7	904	29
DEKALB	DKC59-81RIB GC	STX,B	109	269.5	18.2	3	33.9	917	22
FS INVISION	FS 60UX1 RIB	STX,B	110	268.7	20.2	3	35.7	899	30
INTEGRA	5719 VT2PRIB	VT2P,B	107	268.3	18.4	2	33.1	912	26
RENK	RK726H	PC	106	266.6	17.9	1	34.8	910	27
AUGUSTA	4958-3120	3120,B	108	265.0	18.5	1	31.3	899	31
PIONEER	P1108Q CK	QR,B	111	276.3	20.4	5	33.1	922	16
				Averages =	268.8	19.1	3	34.4	908
				LSD (0.10) =	12.7	1.2	ns		
				LSD (0.25) =	6.7	0.6	ns		
				C.V. =	4.5				
Nathan Roux nathan.g.roux@gmail.com, (815) 716-3794				Historic yield: 216.6 bu/a, 18 yr(s)					

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

Report Date: 09/29/2020

† 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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FERTILITY - Applied N:	150 Fall, 29 Spring
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Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CORNELIUS	C7366DGDP	VT2PDG	113	293.7	19.9	2	33.9	984	1
FS INVISON	FS 6395VDG RIB	VT2PDG,B	113	283.7	21.0	1	34.8	942	3
CORNELIUS	C7308SS	STX	113	279.6	20.5	3	33.9	932	5
INTEGRA	6284 VT2PRIB	VT2P,B	112	279.3	20.9	3	34.8	928	6
LEWIS	16DP850	VT2P,B	116	278.1	22.5	3	33.1	911	12
DYNA-GRO	D51VC67	VT2P	110	277.0	17.6	6	34.8	948	2
GREAT HEART	HT-7256DGVT2P	VT2PDG,B	112	277.0	20.1	1	33.0	927	7
NK BRAND	NK1239-5122-EZR	5122,B	112	276.8	20.4	3	35.7	924	8
PROHARVEST	8360 VT2PRIB	VT2P,B	113	275.5	20.1	1	34.8	922	9
LEWIS	15DP899	VT2P,B	115	275.3	22.2	2	35.7	904	17
NUTECH	74B6AM	AM,B	114	274.9	20.0	3	33.9	921	10
WYFFELS	W7876RIB	VT2P,B	114	274.4	21.3	3	33.1	909	15
STONE	1521SS	STX,B	115	274.0	22.6	4	34.8	896	18
PROHARVEST	8324 VT2PRIB	VT2P,B	113	273.6	19.5	7	33.9	921	11
PROHARVEST	84P93 SSTXRIB	STX,B	114	273.1	22.3	3	33.9	896	19
GREAT HEART	HT-7275SS	STX	112	272.3	23.2	4	34.8	886	22
RENK	RK945DGVT2P	VT2PDG,B	115	271.4	21.8	1	36.6	894	20
GREEN VALLEY	8392	VT2P,B	113	271.2	20.1	4	34.8	908	16
GREEN VALLEY	8282	VT2P,B	112	270.4	19.5	2	32.2	910	14
GREEN VALLEY	8102	VT2P,B	111	269.6	19.1	3	33.9	911	13
INTEGRA	6533 VT2PRIB	VT2P,B	115	268.9	22.3	3	34.8	882	25
STONE	6368RIB	STX,B	113	267.0	21.1	3	33.9	886	23
DEKALB	DKC64-87RIB GC	STX,B	114	266.9	21.0	2	35.7	886	24
HEFTY	H6525TRERIB	TRE,B	115	266.4	21.9	2	33.9	878	27
WYFFELS	W7956RIB	VT2P,B	114	266.3	21.9	3	33.1	877	29
INTEGRA	6410 VT2PRIB	VT2P,B	114	266.2	21.7	5	34.8	878	28
HEFTY	H6244SS	STX	112	266.2	21.3	1	34.8	881	26
NUTECH	72B7CYFR	QR	112	265.4	19.9	2	33.1	890	21
HEFTY	H6214SSRIB	STX,B	112	260.8	19.7	2	33.1	876	30
WYFFELS	W6978	STX	111	258.3	18.6	2	33.1	876	31
PIONEER	P1108Q CK	QR,B	111	276.9	18.3	4	34.8	941	4
				Averages =	260.6	20.6	3	34.3	868
				LSD (0.10) =	12.3	1.3	2		
				LSD (0.25) =	6.5	0.7	1		
				C.V. =	4.5				
				Historic yield: 216.6 bu/a, 18 yr(s)					

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

2020 Corn - Illinois West Central [ILWC]

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1060 GC	3330	109	CM,C2
AUGUSTA	4958-3120	3120,B	108	CM,C2
CORNELIUS	C575DP	VT2P	109	NA
CORNELIUS	C577SS	STX	109	NA
CORNELIUS	C7004DP	VT2P	110	AC,P5V,EDC-B
DEKALB	DKC59-81RIB GC	STX,B	109	AC,P5V,EDC-B
DYNA-GRO	D49SS70	STX	109	AC,P5V,EDC-B
DYNA-GRO	D50VC78	VT2P	110	AC,P5V,EDC-B
FS INVISION	FS 5594X RIB	STX,B	105	AC,P5V
FS INVISION	FS 5704X RIB	STX,B	107	AC,P5V
FS INVISION	FS 5892V RIB	VT2P,B	108	AC,P5V
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	H5522VT2PRIB	VT2P,B	105	HC
HEFTY	H5524SSRIB	STX,B	105	HC
HEFTY	H5624SSRIB	STX,B	106	HC
HEFTY	H5832VT2PRIB	VT2P,B	108	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
LEWIS	07DP700	VT2P,B	107	NA
LEWIS	07DT081	TRE,B	107	NA
LEWIS	08DP739	VT2P,B	108	NA
LEWIS	09DD740	VT2PDG,B	109	NA
LEWIS	10DP719	VT2P,B	110	NA
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

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
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
PIONEER	P0825AMXT GC	AMXT,B	108	NA
PIONEER	P1099Q GC	QR,B	110	NA
PIONEER	P1108Q CK	QR,B	111	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
WYFFELS	W5086RIB	VT2P,B	107	AC250
WYFFELS	W5516RIB	VT2P,B	108	AC250
WYFFELS	W6408RIB	STX,B	110	AC,P5V

2020 Corn - Illinois West Central [ILWC]

Full-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
CORNELIUS	C7270DP	VT2P	112	NA
CORNELIUS	C7308SS	STX	113	NA
CORNELIUS	C7366DGDP	VT2PDG	113	NA
DEKALB	DKC64-87RIB GC	STX,B	114	NA
DYNA-GRO	D51VC67	VT2P	110	AC,P5V,EDC-B
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 6194V RIB	VT2P,B	111	AC,P5V
FS INVISION	FS 6306T RIB	TRE,B	113	AC,P5V
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	AC,P5V
FS INVISION	FS 6406X RIB	STX,B	114	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	G15J91-3220-EZR	3220,B	115	AVC,C5,Vi
GREAT HEART	HT-7105DGVT2P	VT2PDG,B	111	NA
GREAT HEART	HT-7256DGVT2P	VT2PDG,B	112	NA
GREAT HEART	HT-7275SS	STX	112	?
GREAT HEART	HT-7337VT2P	VT2P,B	113	NA
GREEN VALLEY	8102	VT2P,B	111	AC250
GREEN VALLEY	8282	VT2P,B	112	AC250
GREEN VALLEY	8392	VT2P,B	113	AC250
GREEN VALLEY	8472	VT2P,B	114	AC250
HEFTY	H6214SSRIB	STX,B	112	HC
HEFTY	H6244SS	STX	112	HC
HEFTY	H6524SSRIB	STX,B	115	HC
HEFTY	H6525TRERIB	TRE,B	115	HC
HEFTY	H6532VT2PRIB	VT2P,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
LEWIS	11DP768	VT2P,B	111	NA
LEWIS	12DT371	TRE,B	112	NA
LEWIS	14DD849	VT2PDG,B	114	NA
LEWIS	15DP899	VT2P,B	115	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
LEWIS	16DP850	VT2P,B	116	NA
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
PROHARVEST	8324 VT2PRIB	VT2P,B	113	AC,P2
PROHARVEST	8360 VT2PRIB	VT2P,B	113	AC,P2
PROHARVEST	84P93 SSTXRIB	STX,B	114	P5V
RENK	RK866DGVT2P	VT2PDG	112	AC,P2
RENK	RK882SSTX	STX	111	AC,P5V
RENK	RK937VT2P	VT2P,B	113	AC,P2
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
?	Unknown
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,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron Poncho 500/Votivo, Stamina, StepUp
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.