

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

2020 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] WILLIAMSVILLE, IL
Bruce & Nick Constant, Sangamon County, IL 62693

Early-Season Test 105 - 110 Day CRM
B2020ILWC29a

Top 30 of 54 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / Sonic, Sequence,
Roundup, Fexapan, Everprex,
Quadris, Endigo, Brandt Smart
B

SOIL DESCRIPTION: Osco silt loam, well drained,
non-irrigated

SOIL CONDITION: Minimum W/O Fall Till, very high
P, very high K, 6.5 pH, 2.7%
OM, 13.9 CEC

PEST MANAGEMENT: Resicore, Resicore, Roundup,
Brabdt Smart Trio Micro, Quilt
Xcel, Brandtb Moly, Force

FERTILITY - Applied N: 180 Spring, 6 Planter

Applied N-P-K (units): 186-280-220

SEEDED - RATE - ROW: Apr 22 37.5 /A 30" spacing

HARVESTED - STAND: Sep 27 34.1 /A

TEST COMMENTS:

This plot was planted early and had very good uniform emergence. The plot was standing extremely well and showed excellent stalk and root quality. The cobs were large and girthy with deep kernel sets and had minimal tip back. A few foliar diseases were noted but very minimal and only in a few small areas of the plot. Overall a very nice healthy plot!

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank		
GREAT HEART	HT-6948VT2P	VT2P,B	109	278.0	18.6	1	33.9	943	1		
STONE	6078RIB	STX,B	110	274.0	20.6	4	34.8	913	4		
CORNELIUS	C575DP	VT2P	109	273.5	19.9	1	34.8	917	3		
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	269.8	17.5	2	34.8	924	2		
LEWIS	09DD740	VT2PDG,B	109	266.5	18.2	3	33.1	907	5		
NUTECH	70F2Q	QR,B	110	265.8	20.1	2	33.9	890	11		
NUTECH	70A8AM	AM,B	110	265.4	18.9	2	34.8	898	6		
NK BRAND	NK1082-5222A-EZR	5222A,B	110	265.1	21.3	3	33.9	877	15		
NUTECH	5FB-9909AM	AM,B	109	264.4	18.4	2	33.9	898	7		
STONE	0931SS	STX,B	109	264.3	19.6	2	35.7	889	12		
CORNELIUS	C7004DP	VT2P	110	263.5	18.4	1	34.8	895	8		
LEWIS	10DP719	VT2P,B	110	263.4	20.3	2	33.0	880	13		
PIONEER	P1099Q GC	QR,B	110	262.3	18.3	2	34.8	892	10		
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	262.0	20.3	4	34.8	876	18		
LEWIS	08DP739	VT2P,B	108	261.4	19.8	2	33.9	878	14		
INTEGRA	5719 VT2PRIB	VT2P,B	107	261.3	17.7	1	33.9	893	9		
INTEGRA	6061 VT2PRIB	VT2P	110	260.3	20.3	1	34.8	870	20		
FS INVISON	FS 5909D2A EZR	5222A,B	109	258.7	19.2	2	34.8	873	19		
NK BRAND	NK1026-3330-EZR	3330,B	110	258.2	20.7	2	34.8	859	23		
DYNA-GRO	D50VC78	VT2P	110	257.1	18.0	2	33.1	877	17		
DYNA-GRO	D49SS70	STX	109	256.9	19.5	2	34.8	865	22		
FS INVISON	FS 5892V RIB	VT2P,B	108	255.5	18.1	2	34.8	870	21		
DEKALB	DKC59-81RIB GC	STX,B	109	253.8	19.0	2	34.8	858	24		
HEFTY	H5832VT2PRIB	VT2P,B	108	253.0	18.6	2	34.8	858	25		
NUTECH	68A7AM	AM,B	107	249.6	17.9	1	34.8	852	27		
LEWIS	07DP700	VT2P,B	107	248.9	16.9	1	33.9	857	26		
PIONEER	P0825AMXT GC	AMXT,B	108	247.5	17.6	2	34.8	847	28		
HEFTY	H5624SSRIB	STX,B	106	246.0	17.1	2	32.2	846	29		
STONE	5858RIB	STX,B	108	245.0	17.9	2	33.9	836	30		
INTEGRA	5529 VT2PRIB	VT2P,B	105	241.2	16.4	1	33.9	834	31		
PIONEER	P1108Q CK	QR,B	111	262.7	20.3	1	35.7	877	16		
				Averages =	250.1	18.7	2	34.1	847		
				LSD (0.10) =	12.4	0.8	ns				
				LSD (0.25) =	6.5	0.4	ns				
				C.V. =	4.7						
				Historic yield: 218.5 bu/a, 11 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	
NUTECH	74B6AM	AM,B	114	284.8	21.3	2	33.1	943	1	
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	282.6	25.3	2	32.2	902	12	
RENK	RK866DGVT2P	VT2PDG	112	282.1	21.0	2	33.9	937	2	
HEFTY	H6244SS	STX	112	281.6	21.5	2	34.8	931	3	
CORNELIUS	C7366DGDP	VT2PDG	113	280.5	22.7	2	33.9	917	4	
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	279.9	23.2	2	34.8	911	6	
INTEGRA	6588 VT2PRIB	VT2P,B	115	278.0	27.5	2	34.8	869	22	
FS INVISION	FS 6306T RIB	TRE,B	113	277.6	22.3	2	33.9	911	7	
DYNA-GRO	D54SS34	STX	114	277.4	25.2	4	34.8	886	17	
WYFFELS	W7876RIB	VT2P,B	114	277.0	23.0	2	33.9	903	9	
CORNELIUS	C7308SS	STX	113	274.3	22.7	2	34.8	896	14	
DYNA-GRO	D51VC67	VT2P	110	274.0	20.5	3	32.2	914	5	
LEWIS	16DP850	VT2P,B	116	272.8	24.4	3	34.8	878	19	
RENK	RK882SSTX	STX	111	272.1	22.1	3	33.9	895	15	
GREAT HEART	HT-7105DGV2P	VT2PDG,B	111	272.1	20.4	2	33.9	909	8	
RENK	RK937VT2P	VT2P,B	113	271.2	20.7	2	34.8	903	10	
INTEGRA	6410 VT2PRIB	VT2P,B	114	271.2	21.4	2	35.7	897	13	
WYFFELS	W7956RIB	VT2P,B	114	270.9	24.8	1	33.9	869	23	
LEWIS	12DT371	TRE,B	112	270.3	20.3	1	34.8	903	11	
FS INVISION	FS 6106X RIB	STX,B	111	267.1	20.8	1	34.8	888	16	
GREEN VALLEY	8472	VT2P,B	114	266.6	25.4	2	35.7	850	30	
HEFTY	H6532VT2PRIB	VT2P,B	115	265.5	25.2	2	34.8	848	31	
GREEN VALLEY	8102	VT2P,B	111	264.4	21.7	2	33.9	872	20	
GREEN VALLEY	8392	VT2P,B	113	264.1	21.9	3	33.1	870	21	
DEKALB	DKC64-87RIB GC	STX,B	114	261.1	22.7	2	33.9	853	27	
RENK	RK945DGVT2P	VT2PDG,B	115	260.2	21.8	4	33.0	858	25	
FS INVISION	FS 6194V RIB	VT2P,B	111	259.7	20.2	1	34.8	868	24	
PROHARVEST	8324 VT2PRIB	VT2P,B	113	258.2	21.5	2	32.2	854	26	
CORNELIUS	C7270DP	VT2P	112	257.5	21.3	2	35.7	852	28	
NK BRAND	NK1239-5122-EZR	5122,B	112	256.6	21.2	2	34.8	851	29	
PIONEER	P1108Q CK	QR,B	111	268.1	21.9	2	35.7	883	18	
				Averages =	260.9	23.2	2	34.1	849	
				LSD (0.10) =	12.9	1.6	ns			
				LSD (0.25) =	6.8	0.9	ns			
				C.V. =	4.7					
				Historic yield: 218.5 bu/a, 11 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-7105DGV2P	VT2PDG,B	111	NA
GREAT HEART	HT-7256DGV2P	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	RK866DGV2P	VT2PDG	112	AC,P2
RENK	RK882SSTX	STX	111	AC,P5V
RENK	RK937VT2P	VT2P,B	113	AC,P2
RENK	RK945DGV2P	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.