

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

2020 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] GALVA, IL
Al Johnston, Knox County, IL 61434

Early-Season Test	105 - 110 Day CRM B2020ILWC26a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Virdict, Roundup, Atrazine, Armezon Pro, Atrazine, Headline Amp
SOIL DESCRIPTION:	Ipava/Sable silt loam, well drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, high K, 6.0 pH, 4.5% OM, 20.6 CEC
PEST MANAGEMENT:	Virdict, Roundup, Atrazine, Armezon Pro, Atrazine, Headline Amp, Force
FERTILITY - Applied N:	81 Fall, 35 Spring, 122 Sidedress
Applied N-P-K (units):	238-40-60
SEDED - RATE - ROW:	Apr 23 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 16 34.4 /A

TEST COMMENTS:

Galva was planted early and went in a very nice strip-till. This location showed lots of potential early in the season. The plot endured some heavy winds in mid-July and early August and some of the hybrids took on some lodging as a result, but not terrible considering other parts of the area. Ears were tipped back slightly but had fairly deep kernel sets. There was a bit of foliar diseases present but not very substantial in the plot. The lack of moisture in late July and August is likely responsible for the below-average yields in this area.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PIONEER	P1099Q GC	QR,B	110	248.4	13.8	2	34.8	869	1
NUTECH	70A8AM	AM,B	110	243.8	13.1	3	36.6	853	2
HEFTY	H5524SSRIB	STX,B	105	231.9	13.3	14	34.8	812	3
FS INVISION	FS 60UX1 RIB	STX,B	110	229.3	13.7	5	34.8	803	4
RENK	RK700SSTX	STX	107	227.7	12.6	2	35.7	797	5
LEWIS	08DP739	VT2P,B	108	225.8	14.1	3	35.7	790	6
NUTECH	70F2Q	QR,B	110	225.6	14.3	9	33.9	790	7
AUGUSTA	1060 GC	3330	109	225.4	13.0	2	34.8	789	8
PIONEER	P0574AMXT GC	AMXT-R,B	105	224.6	12.8	5	36.6	786	9
DYNA-GRO	D49SS70	STX	109	223.3	13.8	4	33.9	782	11
FS INVISION	FS 5594X RIB	STX,B	105	223.3	11.7	1	33.9	782	10
DYNA-GRO	D50VC78	VT2P	110	222.8	12.8	9	33.9	780	12
PIONEER	P0825AMXT GC	AMXT,B	108	222.6	13.5	6	33.9	779	14
INTEGRA	5939 STXRIB	STX,B	109	220.4	13.7	4	35.7	771	15
LEWIS	09DD740	VT2PDG,B	109	219.7	11.8	5	34.8	769	16
NUTECH	68A7AM	AM,B	107	219.3	12.7	6	34.8	768	17
WYFFELS	W5516RIB	VT2P,B	108	217.0	12.2	1	33.9	760	18
NK BRAND	NK1026-3330-EZR	3330,B	110	216.5	12.8	6	35.7	758	19
GREAT HEART	HT-6948VT2P	VT2P,B	109	216.4	12.6	3	34.8	757	20
GREAT HEART	HT-7003VT2P	VT2P,B	110	214.7	12.6	2	34.8	751	21
HEFTY	H5522VT2PRIB	VT2P,B	105	214.5	12.2	3	34.8	751	22
STONE	0931SS	STX,B	109	214.3	13.6	5	33.9	750	23
STONE	5858RIB	STX,B	108	214.0	13.3	7	34.8	749	24
NK BRAND	NK1082-5222A-EZR	5222A,B	110	213.6	15.2	7	33.9	747	25
NUTECH	68B3AML	AML,B	108	213.4	11.8	2	34.8	747	26
RENK	RK726H	PC	106	213.2	12.5	7	33.0	746	27
HEFTY	H5624SSRIB	STX,B	106	212.8	12.3	2	32.2	745	28
FS INVISION	FS 5704X RIB	STX,B	107	210.7	13.1	2	34.8	737	29
HEFTY	H5832VT2PRIB	VT2P,B	108	210.5	12.1	2	33.9	737	30
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	210.5	12.1	12	33.9	737	31
PIONEER	P1108Q CK	QR,B	111	222.7	14.4	4	33.1	779	13
				Averages =	211.9	12.9	6	34.4	742
				LSD (0.10) =	13.2	0.7	5		
				LSD (0.25) =	6.9	0.4	3		
				C.V. =	5.9				
Nathan Roux nathan.g.roux@gmail.com, (815) 716-3794				Historic yield: 209.5 bu/a, 15 yr(s)					

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

Report Date: 10/16/2020

† 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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Full-Season Test	111 - 115 Day CRM B2020ILWC26b
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Virdict, Roundup, Atrazine, Armezon Pro, Atrazine, Headline Amp
SOIL DESCRIPTION:	Ipava/Sable silt loam, well drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, high K, 6.0 pH, 4.5% OM, 20.6 CEC
PEST MANAGEMENT:	Virdict, Roundup, Atrazine, Armezon Pro, Atrazine, Headline Amp, Force
FERTILITY - Applied N:	81 Fall, 35 Spring, 122 Sidedress
Applied N-P-K (units):	238-40-60
SEDED - RATE - ROW:	Apr 23 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 16 33.9 /A

TEST COMMENTS:

Galva was planted early and went in a very nice strip-till. This location showed lots of potential early in the season. The plot endured some heavy winds in mid-July and early August and some of the hybrids took on some lodging as a result, but not terrible considering other parts of the area. Ears were tipped back slightly but had fairly deep kernel sets. There was a bit of foliar diseases present but not very substantial in the plot. The lack of moisture in late July and August is likely responsible for the below-average yields in this area.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	72B7CYFR	QR	112	264.0	15.6	6	34.8	919	1
RENK	RK882SSTX	STX	111	252.0	15.1	2	35.7	881	2
WYFFELS	W6978	STX	111	251.7	14.0	2	33.1	881	3
FS INVISION	FS 6106X RIB	STX,B	111	251.2	14.0	2	33.9	879	4
NUTECH	71F5CYFR	QR	111	249.4	15.0	5	33.9	873	5
PIONEER	P1366AMXT GC	AMXT,B	113	248.6	15.1	4	33.9	869	6
STONE	1521SS	STX,B	115	248.2	16.6	3	34.8	857	7
WYFFELS	W7876RIB	VT2P,B	114	244.4	14.2	5	32.2	855	8
NK BRAND	NK1354-5222-EZR	5222,B	113	243.2	14.4	6	34.8	851	9
NUTECH	5FB-2213AM	AM,B	113	242.5	14.9	10	33.9	849	10
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	240.4	17.7	6	33.1	822	13
HEFTY	H6214SSRIB	STX,B	112	240.0	15.1	1	32.2	839	11
FS INVISION	FS 6406X RIB	STX,B	114	236.6	16.4	15	34.8	818	15
CORNELIUS	C7308SS	STX	113	236.4	15.0	2	34.8	827	12
WYFFELS	W8148	STX	115	235.8	16.9	5	33.1	812	17
HEFTY	H6244SS	STX	112	235.7	15.7	7	33.9	820	14
PROHARVEST	84P93 SSTXRIB	STX,B	114	235.6	16.3	3	33.0	816	16
RENK	RK945SSTX	STX,B	115	233.2	16.6	4	32.2	805	20
NUTECH	74B6AM	AM,B	114	231.6	14.8	7	33.9	811	18
GREAT HEART	HT-7275SS	STX	112	231.3	17.0	4	32.2	796	24
DEKALB	DKC64-87RIB GC	STX,B	114	231.1	14.5	8	34.8	809	19
DYNA-GRO	D55VC80	VT2P	115	231.1	16.1	2	35.7	801	22
DYNA-GRO	D54SS34	STX	114	229.9	16.7	13	31.3	793	26
STONE	6198RIB	STX,B	111	229.6	13.6	15	32.2	804	21
INTEGRA	6533 VT2PRIB	VT2P,B	115	228.6	14.7	10	35.7	800	23
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	227.1	13.3	8	33.1	795	25
INTEGRA	6284 VT2PRIB	VT2P,B	112	225.6	14.8	4	33.9	790	27
NK BRAND	NK1239-5122-EZR	5122,B	112	225.2	15.4	3	33.1	785	28
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	224.2	13.6	2	33.9	785	29
LEWIS	15DP899	VT2P,B	115	223.3	14.6	3	34.8	782	30
PIONEER	P1108Q CK	QR,B	111	222.8	13.7	6	34.8	780	31
				Averages =	224.6	14.7	6	33.9	783
				LSD (0.10) =	12.7	0.7	ns		
				LSD (0.25) =	6.7	0.4	ns		
				C.V. =	5.4				
Nathan Roux nathan.g.roux@gmail.com, (815) 716-3794				Historic yield: 209.5 bu/a, 15 yr(s)					

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

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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	NA
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
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.