

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

2020 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] VIRDEN, IL
Roger Ladage, Macoupin County, IL 62690

Early-Season Test	105 - 110 Day CRM B2020ILWC28a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Matador, Roundup
SOIL DESCRIPTION:	Herrick silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.7 pH, 3.7% OM, 16.3 CEC
PEST MANAGEMENT:	Acuron, Force
FERTILITY - Applied N:	36 Fall, 200 Spring
Applied N-P-K (units):	236-92-180
SEEDED - RATE - ROW:	Apr 21 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 26 33.8 /A

TEST COMMENTS:

This location was planted in ideal soil conditions. Emergence was even and showed lots of potential, and the site had plenty of water and heat in the summer but turned dry and hotter in August. The plot stood well and didn't have any storm damage to speak of. Ears were tipped back 1/2 to 3/4 of an inch and were fairly dry at the time of harvest. There was some tar spot, grey leaf spot and common rust in the plot.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LEWIS	10DP719	VT2P,B	110	257.5	17.9	1	31.3	879	1
LEWIS	08DP739	VT2P,B	108	251.0	17.8	2	33.9	858	2
PIONEER	P1099Q GC	QR,B	110	249.6	17.7	3	34.8	853	3
STONE	0931SS	STX,B	109	248.6	18.2	2	34.8	846	5
STONE	6078RIB	STX,B	110	247.9	18.5	9	33.1	842	6
STONE	5858RIB	STX,B	108	245.9	16.8	2	33.9	847	4
NUTECH	70F2Q	QR,B	110	244.3	18.1	2	34.8	832	7
NK BRAND	NK1082-5222A-EZR	5222A,B	110	240.5	19.6	7	33.1	809	12
CORNELIUS	C575DP	VT2P	109	239.6	16.6	3	33.9	827	8
NUTECH	70A8AM	AM,B	110	239.0	17.7	2	33.9	817	9
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	237.5	19.3	9	33.1	800	15
GREAT HEART	HT-6948VT2P	VT2P,B	109	237.0	17.2	3	33.9	814	11
AUGUSTA	1060 GC	3330	109	234.9	18.8	5	34.8	795	16
RENK	RK805VT2P	VT2P	110	234.3	17.4	2	33.9	803	14
NUTECH	68A7AM	AM,B	107	234.2	17.0	2	33.9	806	13
INTEGRA	6061 VT2PRIB	VT2P	110	232.3	19.2	2	31.3	784	18
WYFFELS	W5086RIB	VT2P,B	107	229.7	16.5	3	33.1	794	17
PIONEER	P0825AMXT GC	AMXT,B	108	228.3	17.6	3	33.9	781	19
LEWIS	09DD740	VT2PDG,B	109	227.1	17.5	2	33.1	778	21
INTEGRA	5719 VT2PRIB	VT2P,B	107	226.9	17.0	3	33.9	781	20
GREAT HEART	HT-7003VT2P	VT2P,B	110	224.2	19.3	3	33.9	756	25
NUTECH	68B3AML	AML,B	108	224.1	16.9	3	33.9	771	22
DYNA-GRO	D49SS70	STX	109	223.3	18.5	5	33.9	758	24
FS INVISION	FS 5909D2A EZR	5222A,B	109	222.5	18.7	10	34.8	754	26
FS INVISION	FS 60UX1 RIB	STX,B	110	220.3	18.7	1	33.9	746	29
RENK	RK726H	PC	106	219.4	16.1	3	33.1	760	23
DEKALB	DKC59-81RIB GC	STX,B	109	217.7	17.1	4	34.8	748	28
CORNELIUS	C7004DP	VT2P	110	216.7	17.1	2	33.9	745	30
PIONEER	P0574AMXT GC	AMXT-R,B	105	215.3	15.5	3	35.7	751	27
FS INVISION	FS 5594X RIB	STX,B	105	214.6	16.0	3	32.1	745	31
PIONEER	P1108Q CK	QR,B	111	241.8	19.5	3	34.8	814	10
				Averages =	219.5	17.5	4	33.8	752
				LSD (0.10) =	22.6	0.8	5		
				LSD (0.25) =	11.9	0.4	2		
				C.V. =	9.8				
				Historic yield: 210.0 bu/a, 18 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

Report Date: 09/26/2020

† 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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PEST MANAGEMENT:	Acuron, Force
FERTILITY - Applied N:	36 Fall, 200 Spring
Applied N-P-K (units):	236-92-180
SEEDED - RATE - ROW:	Apr 21 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 26 34.1 /A

TEST COMMENTS:

This location was planted in ideal soil conditions. Emergence was even and showed lots of potential, and the site had plenty of water and heat in the summer but turned dry and hotter in August. The plot stood well and didn't have any storm damage to speak of. Ears were tipped back 1/2 to 3/4 of an inch and were fairly dry at the time of harvest. There was some tar spot, grey leaf spot and common rust in the plot.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS INVISION	FS 6194V RIB	VT2P,B	111	269.5	16.9	7	33.9	928	1
LEWIS	16DP850	VT2P,B	116	260.3	21.4	2	34.8	861	5
DYNA-GRO	D51VC67	VT2P	110	259.5	17.3	4	33.9	891	2
STONE	1521SS	STX,B	115	258.1	20.4	2	34.8	861	6
STONE	6368RIB	STX,B	113	256.6	20.9	1	33.9	852	9
LEWIS	12DT371	TRE,B	112	255.7	17.9	6	33.9	872	3
DYNA-GRO	D54SS34	STX	114	255.6	20.3	3	34.8	854	8
INTEGRA	6410 VT2PRIB	VT2P,B	114	255.1	19.8	2	34.8	856	7
FS INVISION	FS 6306T RIB	TRE,B	113	253.2	17.9	2	33.0	864	4
HEFTY	H6244SS	STX	112	249.7	20.4	2	34.8	834	13
RENK	RK866DGV2P	VT2PDG	112	247.8	18.5	3	34.8	841	10
GREEN VALLEY	8392	VT2P,B	113	247.2	18.8	7	34.8	837	12
LEWIS	15DP899	VT2P,B	115	246.7	21.0	2	33.9	819	17
GREEN VALLEY	8472	VT2P,B	114	246.3	20.7	2	34.8	820	16
WYFFELS	W7876RIB	VT2P,B	114	244.6	20.2	3	32.1	818	21
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	243.9	19.2	2	32.2	823	15
GREAT HEART	HT-7105DGV2P	VT2PDG,B	111	243.7	18.5	2	33.1	827	14
GREEN VALLEY	8102	VT2P,B	111	242.2	18.9	2	33.9	819	18
PROHARVEST	8324 VT2PRIB	VT2P,B	113	241.4	18.6	3	34.8	819	19
NUTECH	5FB-2213AM	AM,B	113	241.0	19.6	5	34.8	810	23
NK BRAND	NK1354-5222-EZR	5222,B	113	241.0	20.7	2	33.9	803	27
CORNELIUS	C7308SS	STX	113	240.5	19.8	1	34.8	807	25
NUTECH	74B6AM	AM,B	114	240.4	18.8	10	34.8	814	22
PROHARVEST	8360 VT2PRIB	VT2P,B	113	239.7	20.2	2	33.9	802	28
WYFFELS	W6978	STX	111	239.7	17.8	3	34.8	819	20
CORNELIUS	C7366DGDP	VT2PDG	113	239.1	18.8	3	34.8	809	24
STONE	6198RIB	STX,B	111	236.8	18.1	5	34.8	807	26
GREAT HEART	HT-7256DGV2P	VT2PDG,B	112	236.7	19.5	2	35.7	797	29
WYFFELS	W7956RIB	VT2P,B	114	236.3	19.3	3	34.8	797	30
RENK	RK937VT2P	VT2P,B	113	234.0	18.4	2	34.8	795	31
PIONEER	P1108Q CK	QR,B	111	249.6	19.5	3	33.9	840	11
				Averages =	234.4	19.6	3	34.1	788
				LSD (0.10) =	19.5	0.8	3		
				LSD (0.25) =	10.2	0.4	2		
				C.V. =	7.9				
				Historic yield: 210.0 bu/a, 18 yr(s)					

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Drying = \$0.03

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† 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 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.