

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

2020 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] GRIDLEY, IL

Jamin Ringer, McLean County, IL 61744

Early-Season Test	105 - 110 Day CRM B2020ILEC21a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / NA
SOIL DESCRIPTION:	Saybrook/Flanagan silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, medium K, 5.7 pH, 4.4% OM, 22.0 CEC
PEST MANAGEMENT:	Balance Flexx, Laudis, Atrazine, Roundup Powermax, Aproach Prima, Force
FERTILITY - Applied N:	120 Spring, 30 Sidedress, 180lbs of manure per acre
Applied N-P-K (units):	150-0-0
SEEDED - RATE - ROW:	Apr 22 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 25 34.1 /A

TEST COMMENTS:

This site was planted early in the season and took on some heavy rains shortly after. Emergence varied throughout the plot and was very uneven at the v3-v4 stages. In mid-July, a storm with heavy winds came through and laid a lot of the hybrids over. Mr. Ringer had estimated around 5% green snap at that time. Goosenecked corn fed considerably well. Some foliar diseases were present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
SUN PRAIRIE	SP2508	STX	110	232.4	24.9	3	33.9	745	1
WYFFELS	W5516RIB	VT2P,B	108	226.2	23.3	7	34.8	736	2
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	225.5	25.4	6	34.8	719	5
RENK	RK765VT2PRIB	VT2P,B	109	225.3	25.2	4	33.9	719	6
DYNA-GRO	D49SS70	STX	109	224.5	26.0	4	34.8	712	10
STONE	5858RIB	STX,B	108	224.4	23.2	9	35.7	730	3
PIONEER	P1099Q GC	QR,B	110	223.7	26.1	9	31.3	708	13
FS INVISION	FS 5909D2A EZR	5222A,B	109	223.3	25.5	10	34.8	711	12
GREAT HEART	HT-7003VT2P	VT2P,B	110	223.1	24.9	5	33.9	715	9
DEKALB	DKC58-64RIB GC	STX,B	108	222.6	24.1	16	35.7	718	7
INTEGRA	6061 VT2PRIB	VT2P	110	221.6	26.3	4	33.9	700	17
STONE	0931SS	STX,B	109	221.1	25.8	10	35.7	702	15
AUGUSTA	1060 GC	3330	109	221.0	27.1	13	33.9	693	21
DYNA-GRO	D50VC78	VT2P	110	220.0	23.8	13	34.8	712	11
NUTECH	70A8AM	AM,B	110	218.4	22.1	7	36.6	718	8
NK BRAND	NK1026-3330-EZR	3330,B	110	218.4	26.0	12	34.8	692	22
HEFTY	H5832VT2PRIB	VT2P,B	108	218.2	25.6	5	33.1	694	19
RENK	RK805VT2P	VT2P	110	217.8	24.3	5	33.9	702	16
GREAT HEART	HT-6948VT2P	VT2P,B	109	217.0	25.8	4	34.8	689	25
WYFFELS	W6408RIB	STX,B	110	217.0	25.6	6	33.9	690	23
WYFFELS	W5086RIB	VT2P,B	107	216.6	25.5	3	33.9	690	24
STONE	6078RIB	STX,B	110	216.5	26.3	20	34.8	684	26
PIONEER	P0720Q GC	QR,B	107	216.2	20.6	7	33.9	720	4
PIONEER	P0825AMXT GC	AMXT,B	108	215.2	24.2	11	35.7	694	20
FS INVISION	FS 60UX1 RIB	STX,B	110	213.6	26.0	6	34.8	677	29
RENK	RK700SSTX	STX	107	213.5	24.9	10	32.2	684	27
HEFTY	H5944SS	STX	109	212.2	22.4	10	33.9	696	18
INTEGRA	5529 VT2PRIB	VT2P,B	105	211.7	20.2	4	34.8	708	14
INTEGRA	5719 VT2PRIB	VT2P,B	107	206.9	22.2	8	32.2	679	28
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	202.4	21.2	6	34.8	671	30
PIONEER	P1108Q CK	QR,B	111	209.1	26.2	25	34.8	662	34
				Averages =	208.5	24.2	10	34.1	672
				LSD (0.10) =	14.0	1.6	7		
				LSD (0.25) =	7.4	0.8	4		
				C.V. =	6.4				
				Historic yield: 220.5 bu/a, 1 yr(s)					

Nathan Roux

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: 09/25/2020

† 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 B2020ILEC21b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / NA
SOIL DESCRIPTION:	Saybrook/Flanagan silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, medium K, 5.7 pH, 4.4% OM, 22.0 CEC
PEST MANAGEMENT:	Balance Flexx, Laudis, Atrazine, Roundup Powermax, Aproach Prima, Force
FERTILITY - Applied N:	120 Spring, 30 Sidedress, 180lbs of manure per acre
Applied N-P-K (units):	150-0-0
SEEDED - RATE - ROW:	Apr 22 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 25 34.2 /A

TEST COMMENTS:

This site was planted early in the season and took on some heavy rains shortly after. Emergence varied throughout the plot and was very uneven at the v3-v4 stages. In mid-July, a storm with heavy winds came through and laid a lot of the hybrids over. Mr. Ringer had estimated around 5% green snap at that time. Goosenecked corn fed considerably well. Some foliar diseases were present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RENK	RK945DGVT2P	VT2PDG,B	115	256.2	28.6	6	34.8	792	2
NUTECH	74B6AM	AM,B	114	253.3	25.8	11	35.7	804	1
PURPLE RIBBON	20R13	VT2PDG,B	113	250.9	29.3	5	33.9	770	4
GREAT HEART	HT-7256DGVT2P	VT2PDG,B	112	247.9	28.4	4	33.9	768	5
DYNA-GRO	D55VC80	VT2P	115	247.3	31.5	6	35.7	743	9
INTEGRA	6588 VT2PRIB	VT2P,B	115	247.1	31.9	4	31.3	740	10
HEFTY	H6134SSRIB	STX,B	111	246.4	25.5	15	35.7	785	3
AUGUSTA	6162	3220,B	112	243.6	29.0	1	33.1	750	7
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	243.0	28.4	9	33.9	753	6
STONE	6368RIB	STX,B	113	241.8	29.9	21	33.9	738	11
WYFFELS	W7876RIB	VT2P,B	114	239.9	29.8	4	33.9	733	15
STONE	1521SS	STX,B	115	239.0	31.8	6	33.1	716	27
WYFFELS	W8148	STX	115	237.3	30.0	10	33.9	724	20
FS INVISION	FS 6595V RIB	VT2P,B	115	236.1	30.3	6	34.8	718	26
FS INVISION	FS 6406X RIB	STX,B	114	235.5	29.3	12	34.8	723	22
NK BRAND	NK1354-5222-EZR	5222,B	113	235.5	29.4	4	33.9	723	23
FS INVISION	FS 6306T RIB	TRE,B	113	233.8	27.0	9	33.1	734	13
HEFTY	H6244SS	STX	112	233.8	28.4	15	33.9	724	21
GREAT HEART	HT-7302VT2P	VT2P,B	113	233.6	26.6	31	33.9	736	12
FS INVISION	FS 6106X RIB	STX,B	111	232.5	26.5	7	35.7	734	14
NUTECH	75G1YHR	OI	115	232.4	29.4	18	32.2	713	29
WYFFELS	W6978	STX	111	232.3	27.5	2	33.9	726	18
PURPLE RIBBON	20A11VT2PRIB	VT2P,B	111	232.1	24.8	9	35.7	744	8
GREAT HEART	HT-7123VT2P	VT2P,B	111	231.7	27.1	10	34.8	727	17
GOLDEN HARVEST	G15L32-5222-EZR	5222,B	115	231.5	28.7	25	36.6	715	28
HEFTY	H6132VT2PRIB	VT2P,B	111	230.3	25.8	5	34.8	732	16
INTEGRA	6410 VT2PRIB	VT2P,B	114	229.2	26.3	28	37.5	725	19
GREAT HEART	HT-7240DGVT2P	VT2PDG,B	112	227.9	26.3	14	33.0	721	24
PROHARVEST	8324 VT2PRIB	VT2P,B	113	225.2	26.6	13	32.2	710	31
NUTECH	5FB-2213AM	AM,B	113	224.9	26.0	22	35.7	713	30
PIONEER	P1108Q CK	QR,B	111	231.4	27.9	6	33.1	720	25
				Averages =	229.4	28.5	12	34.2	710
				LSD (0.10) =	13.7	1.6	11		
				LSD (0.25) =	7.2	0.9	6		
				C.V. =	5.7				
				Historic yield: 220.5 bu/a, 1 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: 09/25/2020

† 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	?
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
?	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,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.