

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2020 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] ANITA, IA
Ryan Rich, Cass County, IA 50020

Early-Season Test	105 - 110 Day CRM B2020IAWC21a
Top 30 of 49	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Round Up, Dual, Xtendimax
SOIL DESCRIPTION:	Sharpsburg sandy clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.8 pH, 4.4% OM, 23.1 CEC
PEST MANAGEMENT:	Callisto, Dual Ii Magnum, Round Up, Delaro
FERTILITY - Applied N:	160 Spring, 35 Planter
Applied N-P-K (units):	195-70-30
SEEDED - RATE - ROW:	Apr 25 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 29 32.1 /A

TEST COMMENTS:

Planting went very well and the plot emerged well in good soil conditions. The area is close to 10 inches below rainfall from the norm. The soil held what moisture it received and yielded well. Plants were tall and healthy with very good pollination: long full ears, sturdy cobs made shelling easy. Harvest was stopped after 2/3 was picked by snowfall, and once the snow melted off harvest was completed. Some plants did show stalk weakness and were starting to lodge.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS INVISION	FS 60UX1 RIB	STX,B	110	251.7	14.2	2	32.9	977	1
LATHAM	LH 5847 VT2P RIB	VT2P,B	108	246.5	13.8	6	34.8	956	2
HOEGEMEYER	8084AM	AM,B	110	245.2	13.8	3	30.9	951	3
RENK	RK805VT2P	VT2P	110	242.4	13.6	4	31.9	941	4
HOEGEMEYER	7990Q	QR,B	109	241.3	13.7	2	31.9	936	5
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	240.6	13.5	3	32.9	934	6
INTEGRA	6061 VT2PRIB	VT2P	110	238.9	13.7	6	31.9	927	7
WYFFELS	W5086RIB	VT2P,B	107	238.8	13.9	1	31.9	927	8
KRUGER	K0917SS	STX,B	109	238.8	13.4	1	31.9	927	9
INTEGRA	5939 STXRIB	STX,B	109	238.4	14.0	5	32.9	925	10
INTEGRA	5719 VT2PRIB	VT2P,B	107	237.5	13.2	1	33.9	922	11
HOEGEMEYER	8009YHR	AM	110	236.3	13.6	9	32.9	917	12
KRUGER	K0708DT	TRE,B	107	236.1	13.6	2	31.9	916	13
FS INVISION	FS 5909D2A EZR	5222A,B	109	233.8	13.9	7	32.9	907	14
AUGUSTA	1259	3330,B	109	233.5	13.7	10	30.9	906	15
TITAN PRO	23-06 SS	STX,B	106	233.0	13.7	1	30.9	904	16
KRUGER	K0807SS	STX,B	108	232.2	14.6	1	30.9	901	17
KRUGER	K1005DP	VT2P,B	110	231.8	13.9	1	30.9	899	18
DYNA-GRO	D50VC78	VT2P	110	231.7	13.6	2	31.9	899	19
MILLER HYBRIDS	RX10-36VT2P	VT2P	110	231.2	13.5	4	32.9	897	20
NK BRAND	NK1026-3330-EZR	3330,B	110	230.9	13.7	2	30.9	896	21
WYFFELS	W6408RIB	STX,B	110	230.7	14.1	1	31.9	895	22
DYNA-GRO	D49VC70	VT2P	109	230.6	13.9	6	32.9	895	23
INTEGRA	5529 VT2PRIB	VT2P,B	105	230.0	13.3	1	31.9	892	25
HOEGEMEYER	7869AM	AM,B	108	229.9	13.4	1	30.9	892	26
WYFFELS	W4246	VT2P	105	228.8	13.3	1	31.9	888	27
LATHAM	LH 5725 VT2P RIB	VT2P,B	107	227.8	13.8	2	33.9	884	28
AUGUSTA	1059	3110	109	227.8	13.1	10	32.9	884	29
RENK	RK700SSTX	STX	107	227.7	13.9	2	32.9	883	30
RENK	RK726H	PC	106	226.6	13.6	1	30.9	879	31
PIONEER	P1185AM CK	AM,B	111	230.2	14.1	4	33.9	893	24
				Averages =	227.2	13.7	3	32.1	881
				LSD (0.10) =	10.2	ns	4		
				LSD (0.25) =	5.4	ns	2		
				C.V. =	4.3				
				Historic yield: 241.0 bu/a, 6 yr(s)					



Randy Meinsma

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.88

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FERTILITY - Applied N:	160 Spring, 35 Planter
Applied N-P-K (units):	195-70-30
SEEDED - RATE - ROW:	Apr 25 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 29 31.8 /A

TEST COMMENTS:

Planting went very well and the plot emerged well in good soil conditions. The area is close to 10 inches below rainfall from the norm. The soil held what moisture it received and yielded well. Plants were tall and healthy with very good pollination: long full ears, sturdy cobs made shelling easy. Harvest was stopped after 2/3 was picked by snowfall, and once the snow melted off harvest was completed. Some plants did show stalk weakness and were starting to lodge.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
INTEGRA	6533 VT2PRIB	VT2PB	115	267.0	15.8	2	31.9	1031	1
FS INVISION	FS 6595V RIB	VT2P,B	115	258.4	15.5	1	33.9	999	2
KRUGER	K1501DP	VT2P,B	115	257.2	15.4	5	30.9	995	3
LATHAM	LH 6477 VT2P RIB	VT2PB	114	255.3	15.8	1	30.9	985	4
RENK	RK937VT2P	VT2P,B	113	252.2	14.4	2	32.9	979	5
WYFFELS	W7956RIB	VT2P,B	114	251.6	14.1	1	29.9	976	6
CHANNEL	214-78DGV2PRIB GC	VT2PDG,B	114	250.1	14.9	2	32.9	970	7
INTEGRA	6588 VT2PRIB	VT2PB	115	249.3	15.9	2	30.9	962	9
RENK	RK945SSTX	STX,B	115	248.1	14.7	1	30.9	963	8
FS INVISION	FS 6106X RIB	STX,B	111	247.5	14.2	3	29.9	960	10
WYFFELS	W7876RIB	VT2P,B	114	245.2	14.6	1	33.9	951	11
LATHAM	LR 6529 SS RIB	STX,B	115	245.1	15.3	1	30.9	949	12
DYNA-GRO	D54VC34	VT2P	114	243.9	14.8	7	31.9	946	13
INTEGRA	6410 VT2PRIB	VT2P,B	114	243.2	14.3	2	31.9	944	14
MYCOGEN	MY1404AM GC	AM	114	242.8	14.6	8	31.9	942	15
LATHAM	LH 6317 VT2PDG RIB	VT2PDG,B	113	242.5	14.9	1	32.9	941	16
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	241.6	14.6	1	31.9	937	17
MYCOGEN	MY1201Q GC	QR	112	240.8	14.8	1	30.9	934	18
INTEGRA	6284 VT2PRIB	VT2P,B	112	240.3	14.5	3	30.9	932	19
FS INVISION	FS 6406X RIB	STX,B	114	240.3	15.2	5	31.9	931	20
HOEGEMEYER	8235Q	QR,B	112	238.9	14.2	1	31.9	927	21
MYCOGEN	MY2470AML GC	AML	114	238.1	14.3	3	33.9	924	22
WYFFELS	W6978	STX	111	237.9	14.1	2	29.9	923	23
CHANNEL	213-93STXRIB GC	STX,B	113	237.9	14.6	1	32.9	923	24
KRUGER	K1237DT	TRE,B	112	237.5	14.3	1	30.9	922	25
FS INVISION	FS 6107T RIB	TRE,B	111	235.5	13.6	1	33.8	914	26
MILLER HYBRIDS	M14-40BG	3010	114	233.6	14.8	1	31.9	906	28
RENK	RK882SSTX	STX	111	233.5	14.1	1	31.9	906	29
KRUGER	K4R-9111	STX,B	111	233.4	14.6	4	29.9	906	30
HOEGEMEYER	8188Q	QR,B	111	230.8	14.4	4	29.9	896	31
PIONEER	P1185AM CK	AM,B	111	234.9	14.3	4	31.9	911	27
				Averages =	233.6	14.6	3	31.8	906
				LSD (0.10) =	8.6	0.5	3		
				LSD (0.25) =	4.5	0.3	2		
				C.V. =	3.5			Historic yield: 241.0 bu/a, 6 yr(s)	



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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.88

Report Date: 10/29/2020

Additional reports available at www.firstseedtests.com

† 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 - Iowa West Central [IAWC]

Early-Season Test Products (49 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1059	3110	109	AVC,C5
AUGUSTA	1259	3330,B	109	AVC,C5
DYNA-GRO	D49VC70	VT2P	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	G08D29-5122A-EZR	5122A,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
HOEGEMEYER	7869AM	AM,B	108	Lum,P1V
HOEGEMEYER	7990Q	QR,B	109	Lum,P5V
HOEGEMEYER	8009YHR	AM	110	Lum,P1V
HOEGEMEYER	8084AM	AM,B	110	Lum,P1V
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
KRUGER	K0708DT	TRE,B	107	AC,PV5,B360
KRUGER	K0807SS	STX,B	108	AC,PV5,B360
KRUGER	K0915DD	VT2PDG,B	109	AC,P5,B360
KRUGER	K0917SS	STX,B	109	AC,PV5,B360
KRUGER	K1005DP	VT2P,B	110	AC,P2,B360
LATHAM	LH 5517 VT2P RIB	VT2P,B	105	AC250
LATHAM	LH 5725 VT2P RIB	VT2P,B	107	AC250
LATHAM	LH 5742 RR	RR2	107	AC250
LATHAM	LH 5769 SS RIB	STX,B	107	AC,P5V
LATHAM	LH 5847 VT2P RIB	VT2P,B	108	AC250
MILLER HYBRIDS	RX10-36VT2P	VT2P	110	MSC
NK BRAND	NK0472-5222-EZR	5222,B	104	AVC,C2,Vi
NK BRAND	NK0821-3120A-EZR	3120A,B	108	AVC,C5,Vi
NK BRAND	NK1026-3330-EZR	3330,B	110	AVC,C5,Vi
PIONEER	P1185AM CK	AM,B	111	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
RENK	RK700SSTX	STX	107	AC,P5V
RENK	RK710DGVT2P	VT2PDG,B	106	AC,P2
RENK	RK726H	PC	106	AC,P2
RENK	RK765VT2PRIB	VT2P,B	109	AC,P2
RENK	RK805VT2P	VT2P	110	AC,P2
TITAN PRO	23-06 SS	STX,B	106	AC,P5V
TITAN PRO	94-09 2P	VT2P,B	109	AC250
TITAN PRO	96-06 2P	VT2P,B	106	AC250
WYFFELS	W4196RIB	VT2P,B	105	AC250
WYFFELS	W4246	VT2P	105	AC250
WYFFELS	W5086RIB	VT2P,B	107	AC250
WYFFELS	W5516RIB	VT2P,B	108	AC250
WYFFELS	W6408RIB	STX,B	110	AC,P5V

2020 Corn - Iowa West Central [IAWC]

Full-Season Test Products (49 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
CHANNEL	213-93STXRIB GC	STX,B	113	NA
CHANNEL	214-78DGV2PRIB GC	VT2PDG,B	114	NA
DYNA-GRO	D51VC41	VT2P	111	AC,P5V,EDC-B
DYNA-GRO	D53VC33	VT2P	113	AC,P5V,EDC-B
DYNA-GRO	D54VC34	VT2P	114	AC,P5V,EDC-B
FS INVISION	FS 6106X RIB	STX,B	111	AC,P5V
FS INVISION	FS 6107T RIB	TRE,B	111	AC,P5V
FS INVISION	FS 6395VDG RIB	VT2PDG,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	G12S75-5122-EZR	5122,B	112	AVC,C5,Vi
GOLDEN HARVEST	G13T41-3120-EZR	3120,B	113	AVC,C5,Vi
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	AVC,C5,Vi
HOEGEMEYER	8188Q	QR,B	111	Lum,P1V
HOEGEMEYER	8235Q	QR,B	112	Lum,P1V
INTEGRA	6181 3010A	3010A	111	CM,C2,St,SU
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
KRUGER	K1114SS	STX,B	111	AC,PV5,B360
KRUGER	K1204SS	STX,B	112	AC,PV5,B360
KRUGER	K1237DT	TRE,B	112	AC,P5,B360
KRUGER	K1501DP	VT2P,B	115	AC,P2,B360
KRUGER	K4R-9111	STX,B	111	AC,PV5,B360
LATHAM	LH 6149 SS RIB	STX,B	111	AC,P5V
LATHAM	LH 6285 VT2P RIB	VT2P	112	AC250
LATHAM	LH 6317 VT2PDG RIB	VT2PDG,B	113	AC250
LATHAM	LH 6477 VT2P RIB	VT2P,B	114	AC250
LATHAM	LR 6529 SS RIB	STX,B	115	AC,P5V
MILLER HYBRIDS	M14-40BG	3010	114	MSC
MYCOGEN	MY1201Q GC	QR	112	NA
MYCOGEN	MY1404AM GC	AM	114	NA
MYCOGEN	MY2470AML GC	AML	114	NA
NK BRAND	NK1188-5122-EZR	5122,B	111	AVC,C5,Vi
NK BRAND	NK1205-3120-EZR	3120,B	112	AVC,C5,Vi

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
NK BRAND	NK1460-5222-EZR	5222,B	114	AVC,C5,Vi
PIONEER	P1185AM CK	AM,B	111	NA
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
TITAN PRO	82-14 2P	VT2P,B	114	AC250
WYFFELS	W6906	VT2P	111	AC250
WYFFELS	W6978	STX	111	AC,P5V
WYFFELS	W7726RIB	VT2P,B	113	AC250
WYFFELS	W7876RIB	VT2P,B	114	AC250
WYFFELS	W7956RIB	VT2P,B	114	AC250

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*

3010	Agrisure® 3010
3010A	Agrisure® Artesian® 3010 (CB,LL,GT)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3120	Agrisure® 3120 (CB,HX,LL,GT)
3120A	Agrisure® Artesian® 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
5122A	Agrisure Duracade™ Artesian® 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
OI	Optimum® Intrasect®
OL	Optimum® Leptra®
PC	PowerCore™
QR	Qrome™
RR2	Roundup Ready® 2 Corn
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,B360	Acceleron Poncho 250 with BioRise™ B-360 ST
AC,P2,St,SU	Acceleron 250, Stamina, StepUp
AC,P2V,St,SU	Acceleron Poncho 250 Votivo, Stamina, StepUp
AC,P5,B360	Acceleron Poncho 500 with BioRise™ B-360 ST
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
AC,PV5,B360	Acceleron Poncho 500/Votivo with BioRise™ B-360 ST
AVC,C2,Vi	Avicta Complete 250, Vibrance
AVC,C5	Avicta Complete 500
AVC,C5,Vi	Avicta Complete 500, Vibrance
CM,C2,St,SU	CruiserMaxx 250, Stamina, StepUp
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
MSC	Miller Hybrids ShieldCoat™, Vertex
P1V,RN	Poncho 1250/Votivo, Rancona®

** Seed treatments may include unspecified plant health promoting components.