

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

2020 Corn Grain Top 30 Harvest Report

Iowa South [IASO] LINEVILLE, IA

Bradley Vogel, Wayne County, IA 50147

Early-Season Test	106 - 111 Day CRM B2020IASO35a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Prevent Plant / Sudan Silage / NA
SOIL DESCRIPTION:	Coppock silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/ Fall Till, high P, medium K, 5.5 pH, 2.4% OM, 15.3 CEC
PEST MANAGEMENT:	Trizmet, Callisto
FERTILITY - Applied N:	240 Spring, S-Ca-Mg
Applied N-P-K (units):	240-136-151
SEEDED - RATE - ROW:	May 8 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 30 32.4 /A

TEST COMMENTS:

Planting went very well at this site. The location is on the bottoms of the field and near a creek. Brad stated they received all most all their rain late which affected yields on the high ground, though that was a plus for his soybeans. Where the plot location was helped hold moisture and allowed for good yields, plants were tall and well pollinated with girthy ears of all sizes, and sturdy cobs made shelling easy. There were some lodged plots and wildlife damage in the early-season test that elevated the yield variance, and that test had to be rejected.

Company/Brand	Product/Brand	Yield	Moisture	Lodging	Stand	Gross Income	Rank
		bu	%	%	/a	\$/bu	
GOLDEN HARVEST	5202A,B	110	14.7	1	31.8	488	1
PIONEER	3P180 GC	111	14.4	1	31.8	481	2
NS BRAND	3120-B	108	14.7	1	31.8	481	3
AUGUSTA	320	108	14.6	1	31.8	478	4
GOLDEN HARVEST	3122-B	111	14.6	1	31.8	475	5
NUTECH	480-B	107	14.5	2	31.8	475	6
WEST GENETICS	VTOP	109	14.4	1	31.8	477	7
AUGUSTA	3120	108	14.6	1	31.8	476	8
LATHAM	VTOP	107	14.5	1	31.8	474	9
NUTECH	3120	107	14.5	1	31.8	470	11
NS	NS	106	14.5	1	31.8	468	12
WEST GENETICS	VTOP	108	14.5	1	31.8	464	13
WHITFIELD	NS	111	14.4	1	31.8	462	14
INTEGRA	NS	107	14.8	5	32.8	458	15
GOLDEN HARVEST	3120-B	108	14.7	1	31.8	458	16
INTEGRA	NS	107	14.1	2	31.8	455	17
FE INNOVATION	NS	106	14.8	2	32.8	451	18
NUTECH	NS	108	14.7	1	32.8	450	19
NS	NS	111	14.7	8	32.8	448	20
KRUMER	NS	111	14.7	10	31.8	448	21
INTEGRA	NS	111	14.8	8	32.8	448	22
WHITFIELD	VTOP	111	14.5	4	32.8	442	23
WHITFIELD	VTOP	111	14.2	9	32.8	438	24
NS	NS	111	14.8	21	32.8	438	25
KRUMER	NS	108	14.7	8	31.8	433	26
KRUMER	VTOP	110	14.7	5	31.8	431	27
NUTECH	NS	110	14.6	24	31.8	430	28
NUTECH	NS	108	14.5	28	32.8	424	29
AUGUSTA	NS	108	14.4	10	31.8	420	30
WEST GENETICS	NS	109	14.8	1	32.8	417	31

REJECTED



Randy Meinsma
randym@firstseedtests.com, (815) 238-8007

Averages =	152.7	14.6	13	32.4	503
LSD (0.10) =	34.3	0.4	25		
LSD (0.25) =	18.0	0.2	13		
C.V. =	21.3				Historic yield: 194.4 bu/a, 4 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.33

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Iowa South [IASO] LINEVILLE, IA

Bradley Vogel, Wayne County, IA 50147

Full-Season Test 112 - 116 Day CRM
B2020IASO35b

Top 30 of 45 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Prevent Plant / Sudan Silage /
NA

SOIL DESCRIPTION: Coppock silt loam, mod. well
drained, non-irrigated

SOIL CONDITION: Minimum W/ Fall Till, high P,
medium K, 5.5 pH, 2.4% OM,
15.3 CEC

PEST MANAGEMENT: Trizmet, Callisto

FERTILITY - Applied N: 240 Spring, S-Ca-Mg

Applied N-P-K (units): 240-136-151

SEEDED - RATE - ROW: May 8 33.0 /A 30" spacing

HARVESTED - STAND: Oct 30 32.5 /A

TEST COMMENTS:

Planting went very well at this site. The location is on the bottoms of the field and near a creek. Brad stated they received all most all their rain late which affected yields on the high ground, though that was a plus for his soybeans. Where the plot location was helped hold moisture and allowed for good yields, plants were tall and well pollinated with girthy ears of all sizes, and sturdy cobs made shelling easy. There were some lodged plots and wildlife damage in the early-season test that elevated the yield variance, and that test had to be rejected.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS INVISION	FS 6595V RIB	VT2P,B	115	225.9	16.0	1	32.9	747	1
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	210.7	15.4	13	31.9	700	2
INTEGRA	6588 VT2PRIB	VT2PB	115	210.1	17.6	1	31.9	686	5
INTEGRA	6410 VT2PRIB	VT2P,B	114	209.5	15.5	1	31.9	695	3
FS INVISION	FS 6306T RIB	TRE,B	113	206.7	14.7	1	32.9	688	4
FEDERAL	6280 VT2PRIB	VT2P,B	112	204.9	15.4	1	31.9	680	6
RENK	RK866DGV2P	VT2PDG	112	203.4	14.8	1	31.9	677	7
FEDERAL	6290 VT2PRIB	VT2P,B	112	200.7	14.9	1	32.9	668	8
MIDWEST GENETICS	MW15-49 DGV2P GC	VT2PDG	115	200.5	16.3	1	32.9	661	9
INTEGRA	6695 VT2PRIB	VT2P	116	198.5	16.5	1	32.9	653	13
HOEGEMEYER	8490AM	AM,AQ,B	114	198.3	15.5	1	31.9	658	10
NUTECH	72B7CYFR	QR	112	197.9	15.8	1	32.9	655	11
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	197.0	15.4	1	32.9	654	12
AUGUSTA	4465	3110,B	115	196.6	16.0	6	32.9	650	14
KRUGER	K1611DP	VT2P,B	116	195.6	15.9	1	32.9	647	17
TITAN PRO	82-14 2P	VT2P,B	114	195.3	16.5	1	32.9	643	20
INTEGRA	6533 VT2PRIB	VT2P,B	115	195.2	16.0	1	31.9	645	19
INTEGRA	6284 VT2PRIB	VT2P,B	112	195.1	15.1	1	30.9	649	15
NK BRAND	NK1205-3120-EZR	3120,B	112	195.0	15.3	1	31.9	648	16
WYFFELS	W7876RIB	VT2P,B	114	194.9	15.4	1	32.9	647	18
RENK	RK945DGV2P	VT2PDG,B	115	192.2	15.8	2	31.9	636	21
KRUGER	K1541SS	STX,B	115	191.8	15.8	1	30.9	635	22
FEDERAL	6400 DGV2PRIB	VT2PDG,B	114	189.2	15.0	6	32.9	630	23
WYFFELS	W8148	STX	115	189.2	16.0	1	32.9	625	24
HOEGEMEYER	8233AM	AM,AQ,B	112	188.5	15.9	13	32.9	623	25
NUTECH	E74D3AM	AM,B	114	185.5	15.3	1	32.9	616	27
RENK	RK937VT2P	VT2P,B	113	185.4	14.8	1	32.9	617	26
DYNA-GRO	D54VC34	VT2P	114	184.0	15.7	5	31.9	610	28
NK BRAND	NK1460-5222-EZR	5222,B	114	183.3	15.6	1	32.9	608	29
FS INVISION	FS 6406X RIB	STX,B	114	180.6	15.8	13	32.9	598	30
PIONEER	P1185AM CK	AM,B	111	165.1	15.4	1	32.9	548	36
				Averages =	183.0	15.6	7	32.5	606
				LSD (0.10) =	25.7	0.4	ns		
				LSD (0.25) =	13.5	0.2	ns		
				C.V. =	13.3				
									Historic yield: 194.4 bu/a, 4 yr(s)

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.33

Report Date: 11/01/2020

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 South [IASO]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1259	3330,B	109	AVC,C5
AUGUSTA	3058-3120	3120	108	CM,C2,Vi
AUGUSTA	4658-3220	3220	108	CM,C2
CHANNEL	208-38VT2PRIB GC	VT2P,B	108	NA
CHANNEL	209-06STXRIB GC	STX,B	109	NA
DYNA-GRO	D51VC41	VT2P	111	AC,P5V,EDC-B
FS INVISION	FS 5909D2A EZR	5222A,B	109	AC,P5V
FS INVISION	FS 60UX1 RIB	STX,B	110	AC,P5V
FS INVISION	FS 6106X RIB	STX,B	111	AC,P5V
FS INVISION	FS 6107T RIB	TRE,B	111	AC,P5V
FS INVISION	FS 6194V RIB	VT2P,B	111	AC,P5V
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	AVC,C5,Vi
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	AVC,C5,Vi
GOLDEN HARVEST	G11V76-5122-EZR	5122,B	111	AVC,C5,Vi
HOEGEMEYER	7869AM	AM,B	108	Lum,P1V
HOEGEMEYER	7955AML	AML,B	109	Lum,P5V
INTEGRA	5719 VT2PRIB	VT2P,B	107	AC,P2,St,SU
INTEGRA	5939 STXRIB	STX,B	109	AC,P5V,St,SU
INTEGRA	6061 VT2PRIB	VT2P	110	AC,P5,St,SU
INTEGRA	6181 3010A	3010A	111	CM,C2,St,SU
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
KRUGER	K1114SS	STX,B	111	AC,PV5,B360
LATHAM	LH 5725 VT2P RIB	VT2P,B	107	AC250
MIDWEST GENETICS	MW09-79 VT2P GC	VT2P	109	NA
MIDWEST GENETICS	MW11-15 SSRIB GC	STX,B	108	NA
NK BRAND	NK0821-3120A-EZR	3120A,B	108	AVC,C5,Vi
NK BRAND	NK0886-3120-EZR	3120,B	108	AVC,C5,Vi
NUTECH	5FB-8808AM	AM,B	108	P1V,RN
NUTECH	68A7AM	AM,B	107	P1V,RN
NUTECH	68B3VYHR	OL,B	108	P1V,RN
NUTECH	70A8AM	AM,B	110	P1V,RN
NUTECH	70F2Q	QR,B	110	P1V,RN
PIONEER	P0720Q GC	QR,B	107	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
PIONEER	P1108Q GC	QR,B	111	NA
PIONEER	P1185AM CK	AM,B	111	NA
RENK	RK805VT2P	VT2P	110	AC,P2
RENK	RK807SSTXRIB	STX,B	111	AC,P5V
RENK	RK882SSTX	STX	111	AC,P5V
TITAN PRO	94-09 2P	VT2P,B	109	AC250
WYFFELS	W6826RIB	VT2P,B	111	AC250
WYFFELS	W6906	VT2P	111	AC250
WYFFELS	W6978	STX	111	AC,P5V

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	4465	3110,B	115	CM,C2
DYNA-GRO	D53VC33	VT2P	113	AC,P5V,EDC-B
DYNA-GRO	D54VC34	VT2P	114	AC,P5V,EDC-B
FEDERAL	6280 VT2PRIB	VT2P,B	112	AC,P2
FEDERAL	6290 VT2PRIB	VT2P,B	112	AC,P2,MAG
FEDERAL	6400 DGVT2PRIB	VT2PDG,B	114	AC,P2,MAG
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
FS INVISION	FS 6595V RIB	VT2P,B	115	AC,P5V
FS INVISION	FS 6606T RIB	TRE,B	116	AC,P5V
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	AVC,C5,Vi
GOLDEN HARVEST	G13H15-3120-EZR	3120,B	113	AVC,C5,Vi
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	AVC,C5,Vi
HOEGEMEYER	8233AM	AM,AQ,B	112	Lum,P1V
HOEGEMEYER	8382AM	AM,B	113	Lum,P5V
HOEGEMEYER	8490AM	AM,AQ,B	114	Lum,P5V
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
INTEGRA	6695 VT2PRIB	VT2P	116	AC,P5V,St,SU
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	K1541SS	STX,B	115	AC,PV5,B360
KRUGER	K1611DP	VT2P,B	116	AC,P5,B360
MIDWEST GENETICS	MW15-49 DGVT2P GC	VT2PDG	115	NA
NK BRAND	NK1205-3120-EZR	3120,B	112	AVC,C5,Vi
NK BRAND	NK1460-5222-EZR	5222,B	114	AVC,C5,Vi
NUTECH	5FB-2213AM	AM,B	113	P1V,RN
NUTECH	72B7CYFR	QR	112	P1V,RN
NUTECH	74B6AM	AM,B	114	P1V,RN
NUTECH	75G1YHR	OI	115	P1V,RN
NUTECH	E74D3AM	AM,B	114	P1V,RN
PIONEER	P1185AM CK	AM,B	111	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
RENK	RK866DGVT2P	VT2PDG	112	AC,P2
RENK	RK937VT2P	VT2P,B	113	AC,P2
RENK	RK945DGVT2P	VT2PDG,B	115	AC,P2
TITAN PRO	82-14 2P	VT2P,B	114	AC250
WYFFELS	W7726RIB	VT2P,B	113	AC250
WYFFELS	W7876RIB	VT2P,B	114	AC250
WYFFELS	W7956RIB	VT2P,B	114	AC250
WYFFELS	W8148	STX	115	AC,P5V
WYFFELS	W8936DGRIB	VT2PDG,B	117	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*

3010A	Agrisure® Artesian® 3010 (CB,LL,GT)	B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	OI	Optimum® Intrasect®
3120	Agrisure® 3120 (CB,HX,LL,GT)	OL	Optimum® Leptra®
3120A	Agrisure® Artesian® 3120 (CB,HX,LL,GT)	QR	Qrome™
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	STX	SmartStax®
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)	TRE	Genuity® Trecepta™
5122	Agrisure® Duracade™ 5122	VT2P	Genuity® VT Double PRO®
5222	Agrisure® Duracade™ 5222	VT2PDG	Genuity® VT Double PRO® DroughtGard®
5222A	Agrisure® Duracade™ Artesian® 5222		
AM	Optimum® AcreMax®		
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)		
AQ	Optimum® AQUAmax®		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

AC250	Acceleron 250	AVC,C5,Vi	Avicta Complete 500, Vibrance
AC,P2	Acceleron, Poncho 250	CM,C2	CruiserMaxx 250
AC,P2,B360	Acceleron Poncho 250 with BioRise™ B-360 ST	CM,C2,St,SU	CruiserMaxx 250, Stamina, StepUp
AC,P2,MAG	Acceleron 250, Federal ArmourGuard	CM,C2,Vi	CruiserMaxx 250 with Vibrance
AC,P2,St,SU	Acceleron 250, Stamina, StepUp	Lum,P1V	Lumigen Poncho 1250/Votivo
AC,P2V,St,SU	Acceleron Poncho 250 Votivo, Stamina, StepUp	Lum,P5V	Lumigen Poncho 500/Votivo
AC,P5,B360	Acceleron Poncho 500 with BioRise™ B-360 ST	P1V,RN	Poncho 1250/Votivo, Rancona®
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,C5	Avicta Complete 500		

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