

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

2020 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] CENTRAL CITY, IA

Jim Greif, Linn County, IA 52310

Early-Season Test	105 - 110 Day CRM B2020IAEC11a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Zidua Pro, Marvel,
SOIL DESCRIPTION:	Kenyon, Donnan loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 4.5 pH, 2.4% OM, 17.6 CEC
PEST MANAGEMENT:	Verdict, Armezon, Headline
FERTILITY - Applied N:	170 Spring
Applied N-P-K (units):	170-60-45
SEDED - RATE - ROW:	Apr 27 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 28 32.7 /A

TEST COMMENTS:

Planting conditions were very good. Jim stated that they received most of the rainfall in June and stayed dry after that. The plot was lucky enough to not be severely damaged by the windstorm in August, but the lodging score reflects goose necking and root lodging from the storm. Plants were healthy and had large girthy ears with strong cobs. Pollination was very good with ears filled to the tips.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DYNA-GRO	D50VC78	VT2P	110	253.3	17.2	2	33.9	837	1
KRUGER	K0915DD	VT2PDG,B	109	249.0	16.9	1	33.9	825	3
LATHAM	LH 5725 VT2P RIB	VT2P,B	107	247.6	16.4	1	31.9	823	4
WYFFELS	W5086RIB	VT2P,B	107	247.1	15.6	1	32.9	827	2
RENK	RK726H	PC	106	245.7	15.6	7	34.8	822	5
FS INVISION	FS 60UX1 RIB	STX,B	110	245.1	16.0	1	31.9	817	6
LG SEEDS	LG59C72VT2PRIB GC	VT2P,B	109	243.5	15.4	6	30.9	816	7
MIDWEST GENETICS	MW09-79 VT2P GC	VT2P	109	242.5	16.6	1	30.9	805	9
GOLDEN HARVEST	G08D29-3120A-EZR	3120A,B	108	241.8	18.0	4	30.9	794	13
TITAN PRO	94-09 2P	VT2P,B	109	240.9	17.0	2	32.9	797	11
NUTECH	70A8AM	AM,B	110	240.4	16.9	1	33.9	796	12
INTEGRA	5719 VT2PRIB	VT2P,B	107	240.3	15.0	1	34.8	807	8
CORNELIUS	C7004DP	VT2P	110	239.7	15.8	1	30.9	801	10
LATHAM	LH 5965 VT2P RIB	VT2P,B	109	237.4	16.5	9	30.9	789	15
ARMOR	A1029	VT2P	110	235.5	17.0	18	31.9	779	17
KRUGER	K0708DT	TRE,B	107	233.2	16.3	2	31.9	776	18
INTEGRA	5529 VT2PRIB	VT2P,B	105	233.0	15.4	1	33.8	781	16
KRUGER	K1005DP	VT2P,B	110	230.6	16.2	6	30.9	768	20
RENK	RK710DGVT2P	VT2PDG,B	106	230.4	15.6	1	32.9	770	19
INTEGRA	5939 STXRIB	STX,B	109	228.8	16.6	1	31.9	760	21
RENK	RK805VT2P	VT2P	110	227.8	17.1	14	31.9	754	23
WYFFELS	W4196RIB	VT2P,B	105	226.2	16.0	1	30.9	754	24
TITAN PRO	96-06 2P	VT2P,B	106	226.0	14.8	1	32.9	759	22
AUGUSTA	4958-3120	3120,B	108	225.6	16.6	9	32.9	749	25
NK BRAND	NK1026-3330-EZR	3330,B	110	224.1	17.3	1	32.9	740	27
MIDWEST GENETICS	MW10-66 VT2P GC	VT2P	110	222.2	17.1	1	32.9	735	29
INTEGRA	5770 STXRIB	STX,B	107	221.8	15.8	1	30.9	741	26
WYFFELS	W4246	VT2P	105	220.2	14.6	1	30.9	740	28
RENK	RK765VT2PRIB	VT2P,B	109	218.9	16.0	1	32.9	730	31
ARMOR	A0711	VT2P	107	218.1	14.7	1	32.9	733	30
PIONEER	P1185AM CK	AM,B	111	238.5	17.0	1	32.9	790	14
				Averages =	224.6	16.4	7	32.7	747
				LSD (0.10) =	8.5	0.9	11		
				LSD (0.25) =	4.4	0.5	6		
				C.V. =	3.6				



Randy Meinsma

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Historic yield: 206.0 bu/a, 17 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.36

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

2020 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] CENTRAL CITY, IA

Jim Greif, Linn County, IA 52310

Full-Season Test	111 - 115 Day CRM B2020IAEC11b
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
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PEST MANAGEMENT:	Verdict, Armezon, Headline
FERTILITY - Applied N:	170 Spring
Applied N-P-K (units):	170-60-45
SEDED - RATE - ROW:	Apr 27 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 28 32.9 /A

TEST COMMENTS:

Planting conditions were very good. Jim stated that they received most of the rainfall in June and stayed dry after that. The plot was lucky enough to not be severely damaged by the windstorm in August, but the lodging score reflects goose necking and root lodging from the storm. Plants were healthy and had large girthy ears with strong cobs. Pollination was very good with ears filled to the tips.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CORNELIUS	C7366DGD	VT2PDG	113	250.2	17.7	1	33.9	824	1
WYFFELS	W7956RIB	VT2P,B	114	240.3	18.8	1	32.9	785	2
PROHARVEST	8324 VT2PRIB	VT2P,B	113	238.1	18.2	7	32.9	781	3
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	237.5	19.0	1	32.9	774	4
TITAN PRO	82-14 2P	VT2P,B	114	236.1	19.4	1	32.9	768	5
MIDWEST GENETICS	MW15-49 DGVT2P GC	VT2PDG	115	232.4	20.3	1	31.9	750	12
WYFFELS	W6826RIB	VT2P,B	111	231.8	17.6	14	30.9	764	7
FS INVISION	FS 6107T RIB	TRE,B	111	231.0	18.0	1	30.9	759	8
NK BRAND	NK1354-5222-EZR	5222,B	113	231.0	19.7	14	30.9	749	13
RENK	RK866DGVT2P	VT2PDG	112	230.8	18.2	4	32.9	757	9
INTEGRA	6284 VT2PRIB	VT2P,B	112	229.4	17.5	1	34.8	756	10
NK BRAND	NK1460-5222-EZR	5222,B	114	229.2	19.9	17	32.9	742	17
PROHARVEST	84P93 SSTXRIB	STX,B	114	228.7	19.9	3	32.9	740	20
PROHARVEST	8360 VT2PRIB	VT2P,B	113	228.1	17.4	2	33.9	753	11
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	227.6	18.3	9	32.9	746	16
AUGUSTA	6162	3220,B	112	227.3	19.0	4	33.9	741	18
CORNELIUS	7228VT2P	VT2P	112	226.8	17.4	4	31.9	748	14
CHAMPION	64A20 VT2 PRO GC	VT2P,B	114	226.6	18.6	1	34.8	741	19
KRUGER	K1501DP	VT2P,B	115	226.6	18.8	12	34.8	740	21
NUTECH	71F5CYFR	QR	111	226.5	17.6	2	33.8	747	15
LATHAM	LH 6477 VT2P RIB	VT2P,B	114	226.3	18.8	1	32.9	739	22
FS INVISION	FS 6406X RIB	STX,B	114	225.9	18.7	17	31.9	738	23
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	225.5	19.3	1	31.9	733	27
NUTECH	74B6AM	AM,B	114	225.0	18.2	1	31.9	738	24
FS INVISION	FS 6306T RIB	TRE,B	113	224.6	18.0	17	33.9	738	25
WYFFELS	W7726RIB	VT2P,B	113	224.0	18.3	3	32.9	734	26
KRUGER	K1114SS	STX,B	111	223.3	18.4	14	33.9	731	28
TITAN PRO	TP 71-12 DG2P	VT2PDG,B	112	222.0	18.3	12	34.8	727	29
WYFFELS	W6978	STX	111	220.7	17.6	1	32.9	727	30
TITAN PRO	TP 74-12 SS	STX,B	112	219.6	17.0	1	31.9	727	31
PIONEER	P1185AM CK	AM,B	111	231.7	17.1	1	31.9	766	6



Randy Meinsma

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Averages = **219.3** **18.7** **6** **32.9** **717**

LSD (0.10) = 10.3 0.8 ns

LSD (0.25) = 5.4 0.4 ns

C.V. = 4.4

Historic yield: 206.0 bu/a, 17 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.36

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 East Central [IAEC]

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
ARMOR	A0711	VT2P	107	ZN
ARMOR	A1029	VT2P	110	ZN
AUGUSTA	1259	3330,B	109	AVC,C5
AUGUSTA	4958-3120	3120,B	108	CM,C2
CORNELIUS	C633DP	VT2P	110	CM,C2,Vi
CORNELIUS	C7004DP	VT2P	110	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	G08D29-3120A-EZR	3120A,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
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 5725 VT2P RIB	VT2P,B	107	AC250
LATHAM	LH 5769 SS RIB	STX,B	107	AC,P5V
LATHAM	LH 5847 VT2P RIB	VT2P,B	108	AC250
LATHAM	LH 5965 VT2P RIB	VT2P,B	109	AC250
LG SEEDS	LG59C72VT2PRIB GC	VT2P,B	109	NA
MIDWEST GENETICS	MW09-79 VT2P GC	VT2P	109	NA
MIDWEST GENETICS	MW10-66 VT2P GC	VT2P	110	NA
NK BRAND	NK0886-5122-EZR	5122,B	108	AVC,C5,Vi
NK BRAND	NK1026-3330-EZR	3330,B	110	AVC,C5,Vi
NK BRAND	NK1082-5222A-EZR	5222A,B	110	AVC,C5,Vi
NUTECH	5FB-8808AM	AM,B	108	P1V,RN

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
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	P1185AM CK	AM,B	111	NA
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 East Central [IAEC]

Full-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
ARMOR	A1575	VT2P	115	ZN
ARMOR	X19112A	VT2P	112	ZN
AUGUSTA	4465	3110,B	115	CM,C2
AUGUSTA	6162	3220,B	112	AVC,C5
CHAMPION	64A20 VT2 PRO GC	VT2P,B	114	NA
CORNELIUS	7228VT2P	VT2P	112	NA
CORNELIUS	C7270DP	VT2P	112	NA
CORNELIUS	C7308SS	STX	113	NA
CORNELIUS	C7366DGDP	VT2PDG	113	NA
DEKALB	DKC61-41RIB GC	VT2P,B	111	NA
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 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	G12S75-5122-EZR	5122,B	112	AVC,C5,Vi
GOLDEN HARVEST	G13T41-3120-EZR	3120,B	113	AVC,C5,Vi
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	AVC,C5,Vi
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	AVC,C5,Vi
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
MIDWEST GENETICS	MW12-48 DGVT2P GC	VT2PDG	112	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
MIDWEST GENETICS	MW15-49 DGVT2P GC	VT2PDG	115	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	P1185AM CK	AM,B	111	NA
PIONEER	P1563AM GC	AM,B	115	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
TITAN PRO	82-14 2P	VT2P,B	114	AC250
TITAN PRO	TP 71-12 DG2P	VT2PDG,B	112	AC250
TITAN PRO	TP 74-12 SS	STX,B	112	AC,P5V
WYFFELS	W6826RIB	VT2P,B	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*

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
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
OI	Optimum® Intrasect®
OL	Optimum® Leptra®
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,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,C5	Avicta Complete 500
AVC,C5,Vi	Avicta Complete 500, Vibrance
CM,C2	CruiserMaxx 250
CM,C2,St,SU	CruiserMaxx 250, Stamina, StepUp
CM,C2,Vi	CruiserMaxx 250 with Vibrance
P1V,RN	Poncho 1250/Votivo, Rancona®
P5V	Poncho 500/Votivo
ZN	Winfield United Advanced Coating® Zn

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