

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

2020 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] SULLY, IA
Lawrence & Mike Van Zee, Jasper County, IA 50219

Early-Season Test	105 - 110 Day CRM B2020IAEC13a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / NA
SOIL DESCRIPTION:	Ladoga, Otley silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 5.9 pH, 3.6% OM, 20.7 CEC
PEST MANAGEMENT:	Gramoxone, Acuron, Atrazine, Aats, Halex Gt, Chem Surf, Ams
FERTILITY - Applied N:	179 Spring, Propaz, Yield Igniter, Folia IQ
Applied N-P-K (units):	179-0-0
SEDED - RATE - ROW:	Apr 26 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 9 32.7 /A

TEST COMMENTS:

Planting conditions were very good and the plot emerged well. This location did endure strong winds in August and that caused some lodging. Plants were tall with high ear placement. They looked healthy and strong. The early hybrids had short girthy ears, and the later maturity hybrids had longer girthy ears. Pollination was good with ears filled to the tip, and the area was approximately 5 inches below normal for rainfall for the year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	70A8AM	AM,B	110	249.4	17.5	1	32.9	822	2
NUTECH	68A7AM	AM,B	107	248.9	17.0	37	32.9	824	1
LATHAM	LH 5725 VT2P RIB	VT2P,B	107	239.4	17.0	1	31.9	792	3
INTEGRA	6061 VT2PRIB	VT2P	110	239.1	19.3	4	33.9	778	4
WYFFELS	W4196RIB	VT2P,B	105	228.6	16.0	2	33.9	762	5
RENK	RK765VT2PRIB	VT2P,B	109	224.9	17.3	2	33.9	743	6
INTEGRA	5719 VT2PRIB	VT2P,B	107	224.3	16.8	1	32.9	743	7
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	223.3	18.4	46	32.9	731	10
NUTECH	68B3VYHR	OL,B	108	223.2	17.6	3	31.9	736	9
NK BRAND	NK1082-5222A-EZR	5222A,B	110	222.6	18.8	24	34.8	727	14
TITAN PRO	94-09 2P	VT2P,B	109	222.0	18.6	1	32.9	726	15
NK BRAND	NK1026-3330-EZR	3330,B	110	221.9	17.6	1	32.9	731	11
ARMOR	A1029	VT2P	110	220.0	17.8	2	30.9	724	17
KRUGER	K0807SS	STX,B	108	219.7	17.4	8	31.9	725	16
KRUGER	K0915DD	VT2PDG,B	109	219.0	18.2	2	31.9	718	21
WYFFELS	W4246	VT2P	105	218.9	16.1	1	31.9	729	12
WYFFELS	W6408RIB	STX,B	110	218.8	17.8	3	33.8	720	19
RENK	RK710DGVT2P	VT2PDG,B	106	218.7	16.0	4	30.9	729	13
LATHAM	LH 5847 VT2P RIB	VT2P,B	108	218.6	17.6	5	33.9	720	20
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	218.2	19.0	2	33.9	712	24
NUTECH	70F2Q	QR,B	110	217.2	17.2	15	31.9	718	22
KRUGER	K0708DT	TRE,B	107	217.1	16.4	2	35.8	722	18
WYFFELS	W5516RIB	VT2P,B	108	215.5	16.5	3	33.9	716	23
INTEGRA	5939 STXRIB	STX,B	109	215.5	17.8	2	31.9	709	25
MIDWEST GENETICS	MW09-79 VT2P GC	VT2P	109	214.7	17.5	3	30.9	708	26
WYFFELS	W5086RIB	VT2P,B	107	214.5	17.5	1	32.9	707	27
LATHAM	LH 5965 VT2P RIB	VT2P,B	109	213.8	17.6	18	33.9	704	28
FS INVISION	FS 60UX1 RIB	STX,B	110	213.8	17.7	5	33.9	704	29
MIDWEST GENETICS	MW10-66 VT2P GC	VT2P	110	213.7	18.9	9	32.9	697	33
CORNELIUS	C7004DP	VT2P	110	213.2	18.5	2	31.9	698	32
PIONEER	P1185AM CK	AM,B	111	224.5	17.3	25	30.9	741	8
				Averages =	211.7	17.4	12	32.7	699
				LSD (0.10) =	10.2	0.8	13		
				LSD (0.25) =	5.4	0.4	7		
				C.V. =	4.6				
				Historic yield: 219.9 bu/a, 8 yr(s)					



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.36

Report Date: 10/09/2020

† 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 B2020IAEC13b
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / NA
SOIL DESCRIPTION:	Ladoga, Otley silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 5.9 pH, 3.6% OM, 20.7 CEC
PEST MANAGEMENT:	Gramoxone, Acuron, Atrazine, Atr, Halex Gt, Chem Surf, Ams
FERTILITY - Applied N:	179 Spring, Propaz, Yield Igniter, Folia IQ
Applied N-P-K (units):	179-0-0
SEEDED - RATE - ROW:	Apr 26 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 9 32.7 /A

TEST COMMENTS:

Planting conditions were very good and the plot emerged well. This location did endure strong winds in August and that caused some lodging. Plants were tall with high ear placement. They looked healthy and strong. The early hybrids had short girthy ears, and the later maturity hybrids had longer girthy ears. Pollination was good with ears filled to the tip, and the area was approximately 5 inches below normal for rainfall for the year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	250.1	20.7	1	34.9	804	1
NUTECH	72B7CYFR	QR	112	239.7	18.8	2	31.9	782	2
WYFFELS	W7876RIB	VT2P,B	114	238.3	22.8	2	31.9	754	8
PROHARVEST	8360 VT2PRIB	VT2P,B	113	237.0	22.5	2	34.8	752	10
DEKALB	DKC61-41RIB GC	VT2P,B	111	236.8	19.0	1	32.9	772	3
RENK	RK882SSTX	STX	111	236.2	20.3	2	31.9	762	4
KRUGER	K1501DP	VT2P,B	115	236.1	20.6	3	33.9	760	5
NUTECH	74B6AM	AM,B	114	235.9	20.6	6	31.9	759	6
CORNELIUS	C7366DGDP	VT2PDG	113	235.5	21.6	1	31.9	752	11
PIONEER	P1563AM GC	AM,B	115	234.1	20.9	1	31.9	752	12
RENK	RK945SSTX	STX,B	115	233.3	21.4	1	32.9	746	14
NUTECH	71F5CYFR	QR	111	233.0	19.5	3	32.9	756	7
ARMOR	A1575	VT2P	115	233.0	22.0	4	31.9	742	16
PROHARVEST	84P93 SSTXRIB	STX,B	114	232.9	20.0	1	32.9	754	9
WYFFELS	W7956RIB	VT2P,B	114	232.8	22.6	1	32.9	738	18
MIDWEST GENETICS	MW15-49 DGVT2P GC	VT2PDG	115	231.7	20.6	1	33.8	746	15
TITAN PRO	TP 71-12 DG2P	VT2PDG,B	112	230.4	19.3	2	32.9	749	13
NK BRAND	NK1460-5222-EZR	5222,B	114	230.4	21.2	2	32.9	738	19
INTEGRA	6410 VT2PRIB	VT2P,B	114	228.7	21.0	9	32.9	734	20
ARMOR	X19112A	VT2P	112	226.1	18.1	1	33.9	742	17
KRUGER	K4R-9111	STX,B	111	226.1	19.6	1	33.9	734	21
INTEGRA	6588 VT2PRIB	VT2P,B	115	225.1	22.7	18	31.9	713	30
TITAN PRO	TP 74-12 SS	STX,B	112	223.9	20.5	1	31.9	722	26
NUTECH	75G1YHR	OI	115	222.8	21.0	25	32.9	715	27
RENK	RK866DGVT2P	VT2PDG	112	222.6	19.0	4	31.9	726	22
INTEGRA	6284 VT2PRIB	VT2P,B	112	221.7	20.6	6	32.9	714	28
WYFFELS	W6978	STX	111	221.3	18.7	2	33.9	723	25
CORNELIUS	C7270DP	VT2P	112	221.3	18.2	1	33.9	726	23
FS INVISION	FS 6107T RIB	TRE,B	111	220.9	18.2	1	32.9	724	24
INTEGRA	6533 VT2PRIB	VT2P,B	115	220.5	22.0	1	31.9	702	40
PIONEER	P1185AM CK	AM,B	111	215.3	19.8	4	33.9	697	46
				Averages =	221.8	20.6	5	32.7	714
				LSD (0.10) =	8.4	1.3	9		
				LSD (0.25) =	4.4	0.7	5		
				C.V. =	3.6				
				Historic yield: 219.9 bu/a, 8 yr(s)					

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

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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 - 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.