

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

2020 Corn Grain Top 30 Harvest Report

Iowa South [IASO] FARRAGUT, IA
Steve Lorimor, Fremont County, IA 51639

Early-Season Test	106 - 111 Day CRM B2020IASO34a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Ziduo Pro Liberty
SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.9 pH, 2.7% OM, 18.2 CEC
PEST MANAGEMENT:	Lumax, Glyphosate
FERTILITY - Applied N:	190 Spring
Applied N-P-K (units):	190-0-0
SEDED - RATE - ROW:	Apr 24 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 23 32.9 /A

TEST COMMENTS:

Outstanding looking plot. Planting conditions were good and allowed plants to emerge well. Plants stood strong and there were no major lodging issues. Ears were long with deep seed depth. The dry conditions just before harvest allowed the seeds to dry quickly. There was no weed pressure, and some head shelling did occur. Steve and Brent were seeing very good yields in the bottom ground fields.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	70F2Q	QR,B	110	278.3	13.2	1	35.8	927	1
INTEGRA	6181 3010A	3010A	111	274.3	13.1	6	32.9	913	2
INTEGRA	6061 VT2PRIB	VT2P	110	273.3	13.1	1	32.9	910	3
DYNA-GRO	D51VC41	VT2P	111	271.0	13.0	1	31.9	902	4
INTEGRA	5939 STXRIB	STX,B	109	268.3	13.0	1	31.9	893	6
HOEGEMEYER	7955AML	AML,B	109	268.1	13.1	1	32.9	893	7
FS INVISION	FS 6106X RIB	STX,B	111	265.1	13.0	1	32.9	883	8
FS INVISION	FS 6107T RIB	TRE,B	111	264.2	12.9	1	31.9	880	9
RENK	RK807SSTXRIB	STX,B	111	263.6	12.9	1	32.9	878	10
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	263.2	13.0	1	31.9	876	11
PIONEER	P0720Q GC	QR,B	107	263.1	12.9	1	30.9	876	12
KRUGER	K0915DD	VT2PDG,B	109	262.7	13.0	1	33.9	875	13
FS INVISION	FS 5909D2A EZR	5222A,B	109	262.4	13.1	2	32.9	874	14
NUTECH	70A8AM	AM,B	110	262.2	13.2	1	31.9	873	15
WYFFELS	W6906	VT2P	111	262.1	12.9	1	34.8	873	16
PIONEER	P1108Q GC	QR,B	111	260.8	13.3	1	32.9	868	17
HOEGEMEYER	7869AM	AM,B	108	260.2	13.3	1	31.9	866	18
NUTECH	68A7AM	AM,B	107	258.4	13.1	1	31.9	860	19
RENK	RK882SSTX	STX	111	256.3	13.1	1	33.8	853	20
MIDWEST GENETICS	MW11-15 SSRIB GC	STX,B	108	255.6	13.2	1	30.9	851	21
NK BRAND	NK0886-3120-EZR	3120,B	108	255.2	12.7	2	33.9	850	22
NK BRAND	NK0821-3120A-EZR	3120A,B	108	254.6	13.1	1	33.8	848	23
RENK	RK805VT2P	VT2P	110	251.6	12.9	1	34.8	838	24
TITAN PRO	94-09 2P	VT2P,B	109	251.5	12.9	1	32.9	837	25
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	251.5	13.2	2	33.8	837	26
FS INVISION	FS 6194V RIB	VT2P,B	111	251.0	12.8	1	33.9	836	27
INTEGRA	5719 VT2PRIB	VT2P,B	107	249.3	12.5	1	35.8	830	28
KRUGER	K1005DP	VT2P,B	110	248.7	13.1	1	31.9	828	29
FS INVISION	FS 60UX1 RIB	STX,B	110	248.4	12.9	1	31.9	827	30
MIDWEST GENETICS	MW09-79 VT2P GC	VT2P	109	246.7	12.8	1	33.9	822	31
PIONEER	P1185AM CK	AM,B	111	269.9	13.3	1	33.8	899	5
				Averages =	253.2	13.0	1	32.9	843
				LSD (0.10) =	8.5	0.3	1		
				LSD (0.25) =	4.5	0.2	1		
				C.V. =	3.2				
				Historic yield: 215.2 bu/a, 9 yr(s)					



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.33

Report Date: 10/23/2020

† 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	112 - 116 Day CRM B2020IASO34b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Ziduo Pro Liberty
SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.9 pH, 2.7% OM, 18.2 CEC
PEST MANAGEMENT:	Lumax, Glyphosate
FERTILITY - Applied N:	190 Spring
Applied N-P-K (units):	190-0-0
SEDED - RATE - ROW:	Apr 24 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 23 31.3 /A

TEST COMMENTS:

Outstanding looking plot. Planting conditions were good and allowed plants to emerge well. Plants stood strong and there were no major lodging issues. Ears were long with deep seed depth. The dry conditions just before harvest allowed the seeds to dry quickly. There was no weed pressure, and some head shelling did occur. Steve and Brent were seeing very good yields in the bottom ground fields.

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	281.3	13.4	4	31.9	937	1	
KRUGER	K1611DP	VT2P,B	116	273.6	15.0	1	30.9	911	2	
INTEGRA	6533 VT2PRIB	VT2P,B	115	273.0	14.5	1	31.9	909	3	
KRUGER	K1501DP	VT2P,B	115	271.4	14.4	1	31.9	904	4	
INTEGRA	6588 VT2PRIB	VT2P,B	115	270.0	15.1	1	32.9	898	5	
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	269.3	14.5	2	30.9	897	6	
FEDERAL	6400 DGVT2PRIB	VT2PDG,B	114	267.4	14.6	1	31.9	890	7	
KRUGER	K1541SS	STX,B	115	265.3	14.7	1	30.9	883	8	
DYNA-GRO	D54VC34	VT2P	114	263.8	13.9	3	30.9	878	9	
HOEGEMEYER	8233AM	AM,AQ,B	112	262.7	13.7	2	30.9	875	11	
INTEGRA	6284 VT2PRIB	VT2P,B	112	260.4	14.8	1	30.9	867	12	
NUTECH	74B6AM	AM,B	114	260.3	14.2	1	30.9	867	13	
NUTECH	E74D3AM	AM,B	114	258.5	14.5	1	32.9	861	14	
INTEGRA	6410 VT2PRIB	VT2P,B	114	257.6	14.4	1	29.9	858	15	
MIDWEST GENETICS	MW15-49 DGVT2P GC	VT2PDG	115	256.4	14.3	1	33.9	854	16	
WYFFELS	W7956RIB	VT2P,B	114	254.6	13.9	1	29.9	848	17	
NUTECH	72B7CYFR	QR	112	252.9	13.5	1	29.9	842	18	
FEDERAL	6280 VT2PRIB	VT2P,B	112	252.6	14.4	1	29.9	841	19	
RENK	RK866DGVT2P	VT2PDG	112	252.3	13.5	1	31.9	840	20	
FS INVISION	FS 6595V RIB	VT2P,B	115	252.2	13.9	1	31.9	840	21	
WYFFELS	W8148	STX	115	250.9	14.5	1	31.9	835	22	
WYFFELS	W7876RIB	VT2P,B	114	250.6	14.7	1	30.9	834	23	
AUGUSTA	4465	3110,B	115	250.2	14.2	2	31.9	833	24	
DYNA-GRO	D53VC33	VT2P	113	248.9	13.6	1	30.9	829	25	
FS INVISION	FS 6606T RIB	TRE,B	116	248.5	14.6	2	29.9	828	26	
KRUGER	K1204SS	STX,B	112	248.0	12.8	1	32.9	826	27	
INTEGRA	6695 VT2PRIB	VT2P	116	245.4	14.2	1	30.9	817	28	
NUTECH	75G1YHR	OI	115	245.3	14.8	2	30.9	817	29	
KRUGER	K1237DT	TRE,B	112	245.2	13.2	1	30.9	817	30	
FS INVISION	FS 6406X RIB	STX,B	114	244.4	14.4	1	29.9	814	31	
PIONEER	P1185AM CK	AM,B	111	263.3	13.6	1	30.9	877	10	
				Averages =	251.4	14.1	1	31.3	837	
				LSD (0.10) =	7.2	0.4	ns			
				LSD (0.25) =	3.8	0.2	ns			
				C.V. =	2.7					
				Historic yield: 215.2 bu/a, 9 yr(s)						



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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

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Report Date: 10/23/2020

† 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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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

2020 Corn - Iowa South [IASO]

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)
 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®
 AML Optimum® AcreMax® Leptra®
 (Vip,YGCB,HX,LL,RR2)
 AQ Optimum® AQUAmax®
 B Blend, Refuge in a Bag (RIB) or EZ-Refuge
 OI Optimum® Intrasect®
 OL Optimum® Leptra®
 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,MAG	Acceleron 250, Federal ArmourGuard
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
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
P1V,RN	Poncho 1250/Votivo, Rancona®

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