

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

## 2020 Corn Grain Top 30 Harvest Report

Iowa South [IASO] CAMBRIA, IA  
Dan Allred, Wayne County, IA 50060

<b>Early-Season Test</b>	106 - 111 Day CRM B2020IASO33a
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / NA
<b>SOIL DESCRIPTION:</b>	Haig silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/ Fall Till, high P, medium K, 6.0 pH, 3.2% OM, 21.9 CEC
<b>PEST MANAGEMENT:</b>	Full Time Nxt, Glyphosate, Callisto
<b>FERTILITY - Applied N:</b>	165 Spring, 60 Sidedress
<b>Applied N-P-K (units):</b>	225-60-90
<b>SEDED - RATE - ROW:</b>	May 8 33.3 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 31 32.6 /A

### TEST COMMENTS:

*Planting conditions were very good. After planting, the plot received heavy rains. The plot is located on a flat location and is pattern tilled but with the heavy rains, it could not remove the extra water and ponding was seen. At harvest, the plants looked healthy and stood strong. Ears were well pollinated and large girthy ears. There were strong winds at harvest, and stalks were holding very well.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	NK0821-3120A-EZR	3120A,B	108	<b>262.8</b>	15.6	1	31.9	871	2
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	<b>249.4</b>	16.3	1	30.9	822	5
AUGUSTA	3058-3120	3120	108	<b>249.0</b>	15.8	1	32.9	824	4
KRUGER	K0915DD	VT2PDG,B	109	<b>247.7</b>	14.9	1	32.9	825	3
RENK	RK805VT2P	VT2P	110	246.5	15.1	2	33.9	820	6
INTEGRA	6181 3010A	3010A	111	244.8	16.1	1	32.9	809	7
FS INVISION	FS 60UX1 RIB	STX,B	110	244.6	15.9	1	32.9	809	8
NUTECH	5FB-8808AM	AM,B	108	239.6	15.2	1	31.9	797	9
TITAN PRO	94-09 2P	VT2P,B	109	233.9	16.0	2	33.9	773	12
WYFFELS	W6978	STX	111	233.8	15.1	1	33.9	778	10
FS INVISION	FS 6107T RIB	TRE,B	111	232.9	15.1	1	32.9	775	11
WYFFELS	W6906	VT2P	111	231.6	15.1	1	32.9	771	13
KRUGER	K1114SS	STX,B	111	231.2	15.2	1	32.9	769	14
RENK	RK882SSTX	STX	111	230.6	15.9	1	34.8	763	15
GOLDEN HARVEST	G11V76-5122-EZR	5122,B	111	229.3	16.7	1	31.9	754	19
AUGUSTA	1259	3330,B	109	229.2	15.3	4	32.9	761	16
MIDWEST GENETICS	MW11-15 SSRIB GC	STX,B	108	228.7	15.7	1	30.9	757	17
NUTECH	70F2Q	QR,B	110	228.3	15.7	1	30.9	756	18
PIONEER	P1108Q GC	QR,B	111	226.5	15.9	1	32.9	749	20
NK BRAND	NK0886-3120-EZR	3120,B	108	222.2	15.8	2	32.9	736	21
KRUGER	K1005DP	VT2P,B	110	222.3	15.7	3	32.9	736	22
HOEGEMEYER	7869AM	AM,B	108	220.1	15.1	1	32.9	732	23
FS INVISION	FS 6194V RIB	VT2P,B	111	218.7	15.5	1	32.9	726	24
LATHAM	LH 5725 VT2P RIB	VT2P,B	107	218.3	15.4	1	32.9	725	25
INTEGRA	5939 STXRIB	STX,B	109	217.3	16.1	1	34.4	718	26
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	216.9	16.4	1	31.9	715	27
FS INVISION	FS 5909D2A EZR	5222A,B	109	215.3	15.8	12	31.9	712	28
DYNA-GRO	D51VC41	VT2P	111	214.8	15.7	1	32.9	712	29
FS INVISION	FS 6106X RIB	STX,B	111	213.8	15.5	1	35.8	709	30
KRUGER	K0917SS	STX,B	109	211.6	14.4	1	31.9	705	31
PIONEER	P1185AM CK	AM,B	111	264.7	16.6	1	30.9	871	1
				<b>Averages =</b>	<b>223.1</b>	<b>15.7</b>	<b>2</b>	<b>32.6</b>	<b>739</b>
				<b>LSD (0.10) =</b>	24.3	0.5	ns		
				<b>LSD (0.25) =</b>	12.7	0.3	ns		
				<b>C.V. =</b>	10.3				
				Historic yield: 208.0 bu/a, 2 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: 11/02/2020

Revised: 11/03/2020 Updated fertilizer and pesticide notes

Additional reports available at [www.firstseedtests.com](http://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 Grain Top 30 Harvest Report

Iowa South [IASO] CAMBRIA, IA  
Dan Allred, Wayne County, IA 50060

<b>Full-Season Test</b>	112 - 116 Day CRM B2020IASO33b
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / NA
<b>SOIL DESCRIPTION:</b>	Haig silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	Minimum W/ Fall Till, high P, medium K, 6.0 pH, 3.2% OM, 21.9 CEC
<b>PEST MANAGEMENT:</b>	Full Time Nxt, Glyphosate, Callisto
<b>FERTILITY - Applied N:</b>	165 Spring, 60 Sidedress
<b>Applied N-P-K (units):</b>	225-60-90
<b>SEDED - RATE - ROW:</b>	May 8 33.3 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 31 32.5 /A

### TEST COMMENTS:

*Planting conditions were very good. After planting, the plot received heavy rains. The plot is located on a flat location and is pattern tilled but with the heavy rains, it could not remove the extra water and ponding was seen. At harvest, the plants looked healthy and stood strong. Ears were well pollinated and large girthy ears. There were strong winds at harvest, and stalks were holding very well.*

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	<b>278.7</b>	18.0	1	30.9	907	1
INTEGRA	6410 VT2PRIB	VT2P,B	114	<b>269.8</b>	17.4	1	33.8	882	2
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	<b>264.7</b>	16.5	1	33.9	872	3
KRUGER	K1611DP	VT2P,B	116	259.8	18.9	1	32.9	840	6
FEDERAL	6290 VT2PRIB	VT2P,B	112	259.5	17.3	4	31.9	849	4
WYFFELS	W7876RIB	VT2P,B	114	257.7	17.9	1	33.9	839	7
WYFFELS	W7726RIB	VT2P,B	113	257.3	17.0	1	34.8	844	5
FEDERAL	6280 VT2PRIB	VT2P,B	112	255.6	17.5	1	29.9	835	8
WYFFELS	W8148	STX	115	254.7	18.0	1	32.9	829	9
WYFFELS	W7956RIB	VT2P,B	114	249.5	17.5	1	34.8	815	11
MIDWEST GENETICS	MW15-49 DGVT2P GC	VT2PDG	115	249.2	18.4	1	31.9	809	13
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	249.0	18.3	1	30.9	808	14
KRUGER	K1237DT	TRE,B	112	248.8	17.1	1	33.9	816	10
KRUGER	K1501DP	VT2P,B	115	247.6	18.1	1	31.9	805	16
HOEGEMEYER	8382AM	AM,B	113	246.8	16.7	1	32.9	811	12
NUTECH	72B7CYFR	QR	112	244.9	16.8	1	33.9	805	17
DYNA-GRO	D53VC33	VT2P	113	243.0	15.6	4	33.9	806	15
FS INVISION	FS 6406X RIB	STX,B	114	242.2	17.9	4	32.9	789	18
FS INVISION	FS 6606T RIB	TRE,B	116	241.3	18.7	6	31.9	781	20
DYNA-GRO	D54VC34	VT2P	114	241.0	17.7	2	32.9	786	19
NUTECH	E74D3AM	AM,B	114	237.8	16.8	1	33.8	781	21
AUGUSTA	4465	3110,B	115	236.9	17.4	1	30.9	775	23
NK BRAND	NK1205-3120-EZR	3120,B	112	236.8	16.4	2	32.9	780	22
NUTECH	74B6AM	AM,B	114	236.1	17.6	1	32.9	771	25
INTEGRA	6695 VT2PRIB	VT2P	116	234.4	17.8	1	30.9	764	27
FS INVISION	FS 6306T RIB	TRE,B	113	233.7	16.1	1	31.9	772	24
RENK	RK937VT2P	VT2P,B	113	232.6	16.3	1	31.9	767	26
KRUGER	K1541SS	STX,B	115	231.6	18.5	1	32.9	751	30
HOEGEMEYER	8490AM	AM,AQ,B	114	231.5	16.7	3	31.9	761	28
WYFFELS	W8936DGRIB	VT2PDG,B	117	230.6	17.8	1	32.9	752	29
PIONEER	P1185AM CK	AM,B	111	220.9	17.3	1	31.9	723	34
				<b>Averages =</b>	<b>233.9</b>	<b>17.4</b>	<b>2</b>	<b>32.5</b>	<b>765</b>
				LSD (0.10) =	30.4	0.7	ns		
				LSD (0.25) =	15.9	0.4	ns		
				C.V. =	12.3				



Randy Meinsma

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Historic yield: 208.0 bu/a, 2 yr(s)

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

Report Date: 11/02/2020

Revised: 11/03/2020 Updated fertilizer and pesticide notes

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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 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

## 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

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<sup>^</sup> 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\*

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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®

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

## Corn Seed Treatments\*\*

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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®

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