

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

## 2019 Corn Grain Top 30 Harvest Report

Iowa South [IASO] FARRAGUT, IA

Steve Lorimor, Fremont County, IA 51639

<b>Early-Season Test</b>	106 - 111 Day CRM B2019IASO34a
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Authority,Prowl,glyphosate
<b>SOIL DESCRIPTION:</b>	Kennebec silt loam , well drained
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 7.2 pH, 3.1% OM, 16.5 CEC
<b>PEST MANAGEMENT:</b>	Force,Lumax,Glyphosate.Atrazine
<b>FERTILITY - Applied N:</b>	165 Spring
<b>Applied N-P-K (units):</b>	165-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 24 32.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 8 32.4 /A

### TEST COMMENTS:

Planting was delayed all across Iowa this year, and we were able to start at this location first. The soil conditions were very good at planting, and plants emerged with no problem. The area received almost 14 inches above normal rainfall this year. The plot location drained well and did not have any ponding problems. Brent and Steve are just getting started on harvest, and are seeing about a 20 bu less on average than last year. They are surprised and thought yields would be lower due to the conditions. Harvest of the plot went well with no lodging problems. Early-season hybrids had girthy ears, and the full season hybrids had long, narrow ears.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
LATHAM	LH5847VT2PRIB	VT2P,B	108	<b>246.2</b>	18.2	1	31.9	890	1	
WYFFELS	W6826	VT2P	111	<b>242.1</b>	19.1	1	33.8	869	2	
CHAMPION	61A19VT2PRORIB	VT2P,B	111	<b>240.9</b>	18.6	1	32.9	868	3	
AUGUSTA	A3058	3120,A,B	108	<b>229.5</b>	17.7	1	33.8	833	4	
NUTECH	5FB-9909AM	AM,B	109	<b>228.8</b>	18.6	1	30.9	824	5	
TITAN PRO	94-09 2P	VT2P,B	109	<b>228.3</b>	18.9	1	32.9	820	6	
<i>FS INVISION</i>	<i>FS 6194V RIB</i>	<i>VT2PB</i>	<i>111</i>	<b>225.1</b>	19.3	1	30.9	806	9	
WYFFELS	W6408RIB	STX,B	110	<b>224.9</b>	18.6	1	30.9	810	8	
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	<b>224.0</b>	17.6	2	31.9	813	7	
CHAMPION	60A20 VT2 PRO	VT2P,B	110	<b>223.2</b>	18.6	2	33.8	804	10	
NK BRAND	NK0821-3120A	3120,A,B	108	<b>220.9</b>	18.8	1	32.9	795	11	
KRUGER	K1005DP	VT2P,B	110	218.6	18.4	2	31.9	789	12	
DYNA-GRO	D52VC15	VT2P	111	218.2	18.6	1	33.8	786	13	
KRUGER	K0915DD	VT2P,DG,B	109	217.5	18.2	1	31.9	786	14	
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	217.5	18.5	1	32.9	784	15	
FS INVISION	FS 58RL1 EZR	3220,B	108	216.5	18.3	1	30.9	782	17	
GREEN VALLEY	GV7992VT2PRORIB	VT2P,B	109	214.3	18.5	1	31.9	773	18	
NUTECH	68B3AML	OL,B	108	214.2	18.4	1	32.9	773	19	
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	213.3	18.3	1	32.9	770	21	
WYFFELS	W6956RIB	VT2P,B	111	213.0	19.0	1	30.9	764	24	
TITAN PRO	98-10 2P	VT2P	110	212.3	18.0	1	32.9	769	22	
FS INVISION	FS 59VL1 EZR	3220,B	109	211.9	17.6	1	32.9	770	20	
NUTECH	5FB-8808AM	AM,B	108	211.5	17.7	2	33.8	767	23	
DYNA-GRO	D51VC67	VT2P	110	211.0	18.7	1	32.9	759	27	
KRUGER	K1114SS	STX,B	111	211.0	18.5	1	33.8	761	25	
LATHAM	LH5965VT2PRIB	VT2P,B	109	210.4	18.2	2	31.9	761	26	
CHAMPION	58A18VT2PRORIB	VT2P,B	108	208.1	18.2	1	32.9	752	28	
HOEGEMEYER	8104 AM GC	AM,B	111	206.8	18.6	1	31.9	745	29	
NUTECH	70B2Q	QR,B	110	204.8	18.0	1	33.8	741	30	
AUGUSTA	A4658	3220,B	108	203.6	17.8	1	32.9	738	31	
DEKALB	DKC61-98RIB CK	VT2P,B	111	215.8	17.7	2	32.9	783	16	
				<b>Averages =</b>	<b>212.9</b>	<b>18.3</b>	<b>1</b>	<b>32.4</b>	<b>769</b>	
				<b>LSD (0.10) =</b>	7.3	0.6	1			
				<b>LSD (0.25) =</b>	3.8	0.3	0			
				<b>C.V. =</b>	3.3					

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.71

Report Date: 10/10/2019

† 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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## 2019 Corn Grain Top 30 Harvest Report

Iowa South [IASO] FARRAGUT, IA

Steve Lorimor, Fremont County, IA 51639

<b>Full-Season Test</b>	112 - 116 Day CRM B2019IASO34b
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Authority,Prowl,glyphosate
<b>SOIL DESCRIPTION:</b>	Kennebec silt loam , well drained
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 7.2 pH, 3.1% OM, 16.5 CEC
<b>PEST MANAGEMENT:</b>	Force,Lumax,Glyphosate.Atrazine
<b>FERTILITY - Applied N:</b>	165 Spring
<b>Applied N-P-K (units):</b>	165-0-0
<b>SEEDING - RATE - ROW:</b>	Apr 24 32.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 8 32.4 /A

### TEST COMMENTS:

Planting was delayed all across Iowa this year, and we were able to start at this location first. The soil conditions were very good at planting, and plants emerged with no problem. The area received almost 14 inches above normal rainfall this year. The plot location drained well and did not have any ponding problems. Brent and Steve are just getting started on harvest, and are seeing about a 20 bu less on average than last year. They are surprised and thought yields would be lower due to the conditions. Harvest of the plot went well with no lodging problems. Early-season hybrids had girthy ears, and the full season hybrids had long, narrow ears.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
LATHAM	LH6477VT2PRIB	VT2PB	114	<b>240.7</b>	21.7	1	31.9	845	2	
HOEGEMEYER	8414 AM	AM,B	114	<b>239.8</b>	17.0	1	32.9	875	1	
DYNA-GRO	D55VC80	VT2P	115	<b>237.0</b>	20.6	1	31.9	840	3	
NUTECH	71C1PCR	PC,B	112	<b>234.1</b>	20.5	1	32.9	830	4	
GREEN VALLEY	GV8472VT2PRORIB	VT2P,B	114	<b>233.8</b>	21.1	1	31.9	825	6	
WYFFELS	W7878	STX	114	<b>232.5</b>	19.8	1	32.9	829	5	
RENK	9-115SSTX	STX	115	<b>232.0</b>	20.5	1	32.9	823	8	
FS INVISION	FS 6595V RIB	VT2P,B	115	<b>231.6</b>	20.5	1	31.9	821	9	
LATHAM	LH6285VT2PRIB	VT2P	112	<b>229.5</b>	18.8	1	31.9	825	7	
RENK	RK945DGVT2P	VT2P,DG,B	115	<b>227.8</b>	20.5	1	32.9	807	10	
WYFFELS	W7726	VT2P	113	226.6	20.5	1	31.9	803	11	
WYFFELS	W8936DG	VT2P,DG,B	117	225.8	20.7	1	32.9	799	13	
CHAMPION	62A18VT2PRORIB	VT2P,B	112	224.4	19.5	2	32.9	802	12	
FEDERAL	6280VT2PRIB	VT2P,B	112	223.6	19.6	1	31.9	798	14	
GREEN VALLEY	GV8282VT2PRORIB	VT2P,B	112	223.2	19.5	1	32.9	798	16	
GOLDEN HARVEST	G12U17-3010	3010	112	222.8	19.3	1	31.9	798	15	
GREEN VALLEY	GV8392VT2PRORIB	VT2P,B	113	222.8	19.3	1	31.9	798	17	
KRUGER	K1611DP	VT2P,B	116	221.9	19.7	2	32.9	792	18	
TITAN PRO	82-14 2P	VT2P,B	114	221.2	20.9	1	33.8	781	21	
RENK	RK937VT2P	VT2P,B	113	220.6	19.6	1	31.9	788	19	
NK BRAND	NK1573-3330-EZR	3330,B	115	220.4	19.7	1	32.9	787	20	
RENK	RK965VT2P	VT2P,B	116	218.8	20.1	2	31.9	778	22	
WYFFELS	W7696RIB	VT2P,B	113	216.3	19.8	1	31.9	771	24	
FEDERAL	6680VT2PRIB	VT2P,B	116	215.3	20.9	1	32.9	761	29	
AUGUSTA	A4465	3110,B	115	215.0	20.1	1	31.9	765	27	
NK BRAND	NK1205-3120-EZR	3120,B	112	215.0	19.3	1	31.9	770	25	
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	213.8	19.5	1	32.9	764	28	
NUTECH	75D2AM	AM,B	115	213.8	20.0	1	31.9	761	30	
KRUGER	K1204SS	STX,B	112	213.3	18.6	1	33.8	769	26	
DYNA-GRO	D52VC63	VT2P	112	212.7	19.9	2	31.9	758	31	
DEKALB	DKC61-98RIB CK	VT2P,B	111	212.7	17.8	2	31.9	771	23	
				<b>Averages =</b>	<b>216.7</b>	<b>20.0</b>	<b>1</b>	<b>32.4</b>	<b>772</b>	
				<b>LSD (0.10) =</b>	10.5	0.8	1			
				<b>LSD (0.25) =</b>	5.5	0.4	0			
				<b>C.V. =</b>	4.6					

  
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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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## 2019 Corn - Iowa South [ IASO ]

### Early-Season Test Products (45 Total)

Company/Brand	Brand/Product	Technology	RM
AUGUSTA	A3058	3120,A,B	108
AUGUSTA	A4658	3220,B	108
CHAMPION	57A19VT2PRORIB	VT2P,B	107
CHAMPION	58A18VT2PRORIB	VT2P,B	108
CHAMPION	60A20 VT2 PRO	VT2P,B	110
CHAMPION	61A19VT2PRORIB	VT2P,B	111
DEKALB	DKC61-98RIB CK	VT2P,B	111
DYNA-GRO	D51VC67	VT2P	110
DYNA-GRO	D52VC15	VT2P	111
FS INVISION	FS 57ZV1 RIB	VT2P,B	107
FS INVISION	FS 58RL1 EZR	3220,B	108
FS INVISION	FS 59VL1 EZR	3220,B	109
FS INVISION	FS 60UV1 RIB	VT2P,B	110
FS INVISION	FS 6194V RIB	VT2P,B	111
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110
GREEN VALLEY	GV7992VT2PRORIB	VT2P,B	109
HOEGEMEYER	8028 AM GC	AM,B	110
HOEGEMEYER	8104 AM GC	AM,B	111
KRUGER	K0807SS	STX,B	108
KRUGER	K0915DD	VT2P,DG,B	109
KRUGER	K0917SS	STX,B	109
KRUGER	K1005DP	VT2P,B	110
KRUGER	K1114SS	STX,B	111
LATHAM	EX 6143 3010	3010	111
LATHAM	LH5769SSRIB	STX,B	107
LATHAM	LH5847VT2PRIB	VT2P,B	108
LATHAM	LH5965VT2PRIB	VT2P,B	109
NK BRAND	NK0821-3120A	3120,A,B	108
NK BRAND	NK1082-3330A-EZR	3330,A,B	110
NUTECH	5FB-8808AM	AM,B	108
NUTECH	5FB-9909AM	AM,B	109
NUTECH	68B3AML	OL,B	108
NUTECH	69A6Q	QR,B	109
NUTECH	70B2Q	QR,B	110
RENK	RK779SSTX	STX,B	108

Company/Brand	Brand/Product	Technology	RM
RENK	RK807SSTX	STX	111
TITAN PRO	94-09 2P	VT2P,B	109
TITAN PRO	98-10 2P	VT2P	110
WYFFELS	W5516RIB	VT2P,B	108
WYFFELS	W5626RIB	VT2P,B	108
WYFFELS	W6408RIB	STX,B	110
WYFFELS	W6826	VT2P	111
WYFFELS	W6956RIB	VT2P,B	111

## 2019 Corn - Iowa South [ IASO ]

### Full-Season Test Products (54 Total)

Company/Brand	Brand/Product	Technology	RM
AUGUSTA	A4465	3110,B	115
AUGUSTA	A6162	3220,B	112
CHAMPION	62A18VT2PRORIB	VT2P,B	112
CHAMPION	64A15 DG VT2	VT2P,DG,B	114
CHAMPION	64A20 VT2 PRO	VT2P,B	114
CHAMPION	66A18VT2PRORIB	VT2P,B	116
DEKALB	DKC61-98RIB CK	VT2P,B	111
DYNA-GRO	D52VC63	VT2P	112
DYNA-GRO	D55VC80	VT2P	115
FEDERAL	6280VT2PRIB	VT2P,B	112
FEDERAL	6500TRE	TRE	115
FEDERAL	6580VT2P	VT2P	115
FEDERAL	6680VT2PRIB	VT2P,B	116
FS INVISION	FS 62ZV1 RIB	VT2P,B	112
FS INVISION	FS 63ZV1 RIB	VT2P,B	113
FS INVISION	FS 64SV1 RIB	VT2P,B	114
FS INVISION	FS 6595V RIB	VT2P,B	115
FS INVISION	FS 66ZV1 RIB	VT2P,B	116
GOLDEN HARVEST	G12U17-3010	3010	112
GOLDEN HARVEST	G13H15-3120-EZR	3120,B	113
GREEN VALLEY	GV8282VT2PRORIB	VT2P,B	112
GREEN VALLEY	GV8392VT2PRORIB	VT2P,B	113
GREEN VALLEY	GV8472VT2PRORIB	VT2P,B	114
HOEGEMEYER	8382 AM	AM,B	113
HOEGEMEYER	8414 AM	AM,B	114
KRUGER	K1204SS	STX,B	112
KRUGER	K1501SS	STX,B	115
KRUGER	K1611DP	VT2P,B	116
KRUGER	K4R-9116	STX,B	116
KRUGER	K4R-9814	STX,B	114
LATHAM	LH6285VT2PRIB	VT2P	112
LATHAM	LH6304-3220-EZR	3220,B	114
LATHAM	LH6317VT2PDGRIB	VT2P,DG,B	113
LATHAM	LH6477VT2PRIB	VT2P,B	114
NK BRAND	NK1205-3120-EZR	3120,B	112
NK BRAND	NK1354-3220-EZR	3220,B	113

Company/Brand	Brand/Product	Technology	RM
NK BRAND	NK1573-3330-EZR	3330,B	115
NUTECH	5FB-2213AM	AM,B	113
NUTECH	5LB-6313AMXT	AMXT,B	113
NUTECH	71C1PCR	PC,B	112
NUTECH	75D2AM	AM,B	115
NUTECH	75G1AM	AM,B	115
RENK	9-115SSTX	STX	115
RENK	RK937VT2P	VT2P,B	113
RENK	RK945DGV2P	VT2P,DG,B	115
RENK	RK961VT2P	VT2P,B	116
RENK	RK965VT2P	VT2P,B	116
TITAN PRO	82-14 2P	VT2P,B	114
WYFFELS	W7696RIB	VT2P,B	113
WYFFELS	W7726	VT2P	113
WYFFELS	W7878	STX	114
WYFFELS	W7956	VT2P	114
WYFFELS	W8936DG	VT2P,DG,B	117

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<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\*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)			OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	AQ	Optimum® AQUAMax®	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	B	Refuge blend product	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	CB	Agrisure® Corn Borer	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	DG	Genuity® DroughtGard®	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HX	Herculex® 1, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXRW	Herculex® Rootworm, contains LL	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	LL	LibertyLink®		
		None	conventional corn		

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