

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

2019 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] DUNLAP, IA
Brandon McHugh, Harrison County, IA 51529

Early-Season Test 105 - 110 Day CRM
B2019IAWC22a

Top 30 of 54 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Corn, 2+ Yr / Callisto, glyphosate,
atrazine, Harness Xtra, Force

SOIL DESCRIPTION: Kennebec silt loam, well drained,
non-irrigated

SOIL CONDITION: Minimum W/O Fall Till, very high P,
very high K, 6.6 pH, 3.6% OM, 17.9
CEC

PEST MANAGEMENT: Callisto, Glyphosate, Harness Xtra,
Force

FERTILITY - Applied N: 200 Spring

Applied N-P-K (units): 200-0-0

SEEDED - RATE - ROW: May 15 33.0 /A 30" spacing

HARVESTED - STAND: Nov 4 32.1 /A

TEST COMMENTS:

Planting went very well in a nice seed bed. Plants emerged with no problems. This was a very good corn on corn plot, which sits in the bottoms and did not pool from the rains. Plants were well matured and signs of weak stalk could be seen. There was no weed pressure, and very little leaf diseases. Ears were well pollinated with sturdy cob and deep seed depth. Brandon was finding very good yields in his fields despite the stressful growing year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
DYNA-GRO	D51VC67	VT2P	110	267.7	16.2	1	32.9	951	1	
HOEGEMEYER	7955 AML	AML,B	109	261.9	16.6	1	30.9	928	2	
HOEGEMEYER	7886 AM	AM,B	108	260.0	16.0	1	32.9	926	3	
TITAN PRO	98-10 2P	VT2P	110	257.1	16.0	2	31.9	916	4	
RENK	RK737SSTX	STX,B	106	256.4	15.7	1	32.9	915	5	
WYFFELS	W6408RIB	STX,B	110	255.7	16.5	1	32.9	907	6	
LATHAM	LH5847VT2PRIB	VT2P,B	108	253.0	16.2	1	32.9	899	7	
MILLER HYBRIDS	RX10-36SS	STX	110	251.7	16.2	1	31.9	895	9	
KRUGER	K0915DD	VT2P,DG,B	109	250.7	15.4	1	31.9	897	8	
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	249.8	15.3	1	30.9	894	10	
TITAN PRO	94-09 2P	VT2P,B	109	248.4	15.4	1	33.9	889	11	
LATHAM	LH5725VT2PRIB	VT2P,B	107	248.2	15.7	1	31.9	886	12	
DYNA-GRO	D49VC70	VT2P	109	247.0	15.8	1	31.9	881	13	
KRUGER	K0917SS	STX,B	109	246.5	15.8	1	32.9	879	14	
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	245.3	16.4	1	30.9	870	18	
WYFFELS	W5516RIB	VT2P,B	108	245.0	15.7	1	32.9	874	15	
MILLER HYBRIDS	RX06-40SS	STX	106	244.9	15.7	1	30.9	874	16	
CHAMPION	60A20 VT2 PRO	VT2P,B	110	243.7	15.9	2	32.9	868	19	
NK BRAND	NK0886-3120-EZR	3120,B	108	242.5	15.9	1	31.9	864	20	
HOEGEMEYER	7990 Q	QR,B	109	240.6	16.3	1	31.9	854	21	
FS INVISION	FS 57ZX1 RIB	STX,B	107	238.6	15.4	1	32.9	854	22	
KRUGER	K0807SS	STX,B	108	238.5	15.8	1	32.9	850	24	
FS INVISION	FS 5594X RIB	STX,B	105	238.4	15.6	1	31.9	852	23	
LATHAM	LH5517VT2PRIB	VT2P,B	105	237.8	15.5	1	32.9	850	25	
INTEGRA	5939	STX,B	109	237.1	15.9	1	32.9	845	26	
CHAMPION	57A19VT2PRORIB	VT2P,B	107	235.3	15.1	1	31.9	844	27	
AUGUSTA	A1059	3110	109	234.7	15.7	1	31.9	838	29	
KRUGER	K1005DP	VT2P,B	110	234.2	15.3	1	31.9	839	28	
RENK	RK765VT2P	VT2P	108	232.8	15.3	1	32.9	834	30	
WYFFELS	W5086	VT2P	107	231.6	15.1	1	31.9	831	31	
DEKALB	DKC61-98RIB CK	VT2P,B	111	244.8	15.9	1	32.9	872	17	
				Averages =	235.2	15.7	1	32.1	839	
				LSD (0.10) =	11.2	0.4	1			
				LSD (0.25) =	5.9	0.2	0			
				C.V. =	4.5					



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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.59

Report Date: 11/06/2019

Revised: 11/11/2019 (Test comments revised)

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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2019 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] DUNLAP, IA
Brandon McHugh, Harrison County, IA 51529

Full-Season Test	111 - 115 Day CRM B2019IAWC22b
Top 30 of 47	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Callisto, glyphosate, atrazine, Harness Xtra, Force
SOIL DESCRIPTION:	Kennebec silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.6 pH, 3.6% OM, 17.9 CEC
PEST MANAGEMENT:	Callisto, Glyphosate, Harness Xtra, Force
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-0-0
SEEDED - RATE - ROW:	May 15 33.0 /A 30" spacing
HARVESTED - STAND:	Nov 4 32.2 /A

TEST COMMENTS:

Planting went very well in a nice seed bed. Plants emerged with no problems. This was a very good corn on corn plot, which sits in the bottoms and did not pool from the rains. Plants were well matured and signs of weak stalk could be seen. There was no weed pressure, and very little leaf diseases. Ears were well pollinated with sturdy cob and deep seed depth. Brandon was finding very good yields in his fields despite the stressful growing year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RENK	RK937VT2P	VT2P,B	113	286.5	17.1	1	30.9	1011	1
CHAMPION	61A19VT2PRORIB	VT2P,B	111	282.0	16.5	1	30.9	1000	2
CHAMPION	64A20 VT2 PRO	VT2P,B	114	281.9	18.3	1	31.9	984	3
DYNA-GRO	D54VC14	VT2P	114	279.9	17.9	1	32.9	980	4
FS INVISION	FS 6595V RIB	VT2P,B	115	278.5	17.8	2	33.9	976	5
WYFFELS	W7976RIB	VT2P,B	113	275.5	17.0	1	30.9	972	6
LATHAM	LH6285VT2PRIB	VT2P	112	275.4	17.0	1	31.9	972	7
RENK	RK945DGV2P	VT2P,DG,B	115	274.1	17.8	2	31.9	961	8
INTEGRA	CX811113	STX,B	113	270.3	17.2	1	32.9	953	9
GOLDEN HARVEST	G12U17-3010	3010	112	269.2	17.2	1	32.9	948	10
WYFFELS	W7878	STX	114	267.4	17.7	1	31.9	939	11
RENK	RK807SSTX	STX	111	265.5	17.1	1	32.9	936	12
FS INVISION	FS 64SX1 RIB	STX,B	114	263.5	17.7	1	31.9	925	13
NK BRAND	NK1573-3330-EZR	3330,B	115	263.1	18.0	6	32.9	921	14
LATHAM	LH6304-3220-EZR	3220,B	114	262.3	18.0	4	31.9	918	16
FS INVISION	FS 63ZX1 RIB	STX,B	113	261.7	17.7	1	31.9	919	15
TITAN PRO	TP 71-12 DG2P	VT2P,DG,B	112	260.1	17.0	1	31.9	918	17
LATHAM	EX 6143 3010	3010	111	258.2	17.1	2	31.9	911	18
KRUGER	K1501SS	STX,B	115	257.6	17.9	1	30.9	902	19
WYFFELS	W7726	VT2P	113	254.5	17.6	1	32.9	894	21
RENK	9-115SSTX	STX	115	254.4	17.8	1	31.9	892	22
FS INVISION	FS 6194V RIB	VT2P,B	111	254.1	17.1	1	30.9	896	20
KRUGER	K1114SS	STX,B	111	250.7	17.0	1	32.9	885	23
HOEGEMEYER	8414 AM	AM,B	114	250.1	16.9	6	32.9	883	24
GOLDEN HARVEST	G13T41-3120-EZR	3120,B	113	250.0	18.0	1	33.9	875	27
HOEGEMEYER	8104 AM	AM,B	111	248.7	17.0	4	30.9	878	25
KRUGER	K4R-9814	STX,B	114	247.1	16.9	1	32.9	873	28
RENK	RK842SSTX	STX,B	112	247.1	17.3	3	31.9	870	29
NK BRAND	NK1205-3120-EZR	3120,B	112	246.5	17.0	1	31.9	870	30
WYFFELS	W7956	VT2P	114	246.5	17.5	1	32.9	867	31
DEKALB	DKC61-98RIB CK	VT2P,B	111	246.8	16.3	1	33.9	877	26
				Averages =	250.8	17.4	2	32.2	882
				LSD (0.10) =	13.8	0.3	2		
				LSD (0.25) =	7.3	0.2	1		
				C.V. =	5.2				



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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.59

Report Date: 11/06/2019

Revised: 11/11/2019 (Test comments revised)

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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Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A1059	3110	109
AUGUSTA	A4658	3220,B	108
CHAMPION	57A19VT2PRORIB	VT2P,B	107
CHAMPION	58A18VT2PRORIB	VT2P,B	108
CHAMPION	59A20 3220 EZ	3220,B	109
CHAMPION	60A20 VT2 PRO	VT2P,B	110
DEKALB	DKC61-98RIB CK	VT2P,B	111
DYNA-GRO	D49VC70	VT2P	109
DYNA-GRO	D51VC67	VT2P	110
FS INVISION	FS 5594X RIB	STX,B	105
FS INVISION	FS 57ZX1 RIB	STX,B	107
FS INVISION	FS 58RL1 EZR	3220,B	108
FS INVISION	FS 59VL1 EZR	3220,B	109
FS INVISION	FS 60UX1 RIB	STX,B	110
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110
HOEGEMEYER	7886 AM	AM,B	108
HOEGEMEYER	7955 AML	AML,B	109
HOEGEMEYER	7990 Q	QR,B	109
HOEGEMEYER	8028 AM	AM,B	110
INTEGRA	5529	STX,B	105
INTEGRA	5719	VT2P,B	107
INTEGRA	5770	STX	107
INTEGRA	5939	STX,B	109
KRUGER	K0716SS	STX,B	107
KRUGER	K0807SS	STX,B	108
KRUGER	K0915DD	VT2P,DG,B	109
KRUGER	K0917SS	STX,B	109
KRUGER	K1005DP	VT2P,B	110
LATHAM	LH5517VT2PRIB	VT2P,B	105
LATHAM	LH5725VT2PRIB	VT2P,B	107
LATHAM	LH5769SSRIB	STX,B	107
LATHAM	LH5847VT2PRIB	VT2P,B	108
LATHAM	LH5965VT2PRIB	VT2P,B	109
LEGEND	LR9910GENSSRIB	STX,B	110

Company/Brand	Brand/Product	Technology	RM
LEGEND	LR99A093120ARIB	3120,A,B	109
MILLER HYBRIDS	M10-01BGV	3220	110
MILLER HYBRIDS	RX06-40SS	STX	106
MILLER HYBRIDS	RX10-36SS	STX	110
NK BRAND	NK0821-3120A	3120,A,B	108
NK BRAND	NK0886-3120-EZR	3120,B	108
NK BRAND	NK1082-3330A-EZR	3330,A,B	110
RENK	RK710DGVT2P	VT2P,DG,B	106
RENK	RK737SSTX	STX,B	106
RENK	RK763VT2P	VT2P,B	108
RENK	RK765VT2P	VT2P	108
TITAN PRO	94-09 2P	VT2P,B	109
TITAN PRO	96-06 2P	VT2P,B	106
TITAN PRO	98-10 2P	VT2P	110
WYFFELS	W5086	VT2P	107
WYFFELS	W5516RIB	VT2P,B	108
WYFFELS	W5626RIB	VT2P,B	108
WYFFELS	W6408RIB	STX,B	110

2019 Corn - Iowa West Central [IAWC]



Full-Season Test Products (47 Total)

Company/Brand	Product/Brand	Technology	RM
CHAMPION	61A19VT2PRORIB	VT2P,B	111
CHAMPION	62A18VT2PRORIB	VT2P,B	112
CHAMPION	64A20 VT2 PRO	VT2P,B	114
CHAMPION	65A17 VT2 PRO	VT2P,B	115
DEKALB	DKC61-98RIB CK	VT2P,B	111
DYNA-GRO	D52VC63	VT2P	112
DYNA-GRO	D54VC14	VT2P	114
FS INVISION	FS 6194V RIB	VT2P,B	111
FS INVISION	FS 62ZX1 RIB	STX,B	112
FS INVISION	FS 63ZX1 RIB	STX,B	113
FS INVISION	FS 64SX1 RIB	STX,B	114
FS INVISION	FS 6595V RIB	VT2P,B	115
GOLDEN HARVEST	G12U17-3010	3010	112
GOLDEN HARVEST	G13H15-3120-EZR	3120,B	113
GOLDEN HARVEST	G13T41-3120-EZR	3120,B	113
HOEGEMEYER	8104 AM	AM,B	111
HOEGEMEYER	8382 AM	AM,B	113
HOEGEMEYER	8414 AM	AM,B	114
INTEGRA	6284	STX,B	112
INTEGRA	6410	STX	114
INTEGRA	CX811113	STX,B	113
INTEGRA	CX821111	3010	111
KRUGER	K1114SS	STX,B	111
KRUGER	K1204SS	STX,B	112
KRUGER	K1501SS	STX,B	115
KRUGER	K4R-9111	STX,B	111
KRUGER	K4R-9814	STX,B	114
LATHAM	EX 6143 3010	3010	111
LATHAM	LH6285VT2PRIB	VT2P	112
LATHAM	LH6304-3220-EZR	3220,B	114
LATHAM	LH6477VT2PRIB	VT2P,B	114
LEGEND	LR9912GENSSRIB	STX,B	112
NK BRAND	NK1205-3120-EZR	3120,B	112
NK BRAND	NK1354-3220-EZR	3220,B	113
NK BRAND	NK1573-3330-EZR	3330,B	115
RENK	9-115SSTX	STX	115

Company/Brand	Brand/Product	Technology	RM
RENK	RK807SSTX	STX	111
RENK	RK842SSTX	STX,B	112
RENK	RK937VT2P	VT2P,B	113
RENK	RK945DGVT2P	VT2P,DG,B	115
TITAN PRO	82-14 2P	VT2P,B	114
TITAN PRO	TP 71-12 DG2P	VT2P,DG,B	112
WYFFELS	W7696RIB	VT2P,B	113
WYFFELS	W7726	VT2P	113
WYFFELS	W7878	STX	114
WYFFELS	W7956	VT2P	114
WYFFELS	W7976RIB	VT2P,B	113

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*

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

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