

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

2019 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

Early-Season Test 105 - 110 Day CRM
B2019IAWC23a

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

PREV. CROP/HERB: Soybean / Roundup
PowerMax, Zidua Pro,
clethodim

SOIL DESCRIPTION: Marshall silty clay loam, well
drained, non-irrigated

SOIL CONDITION: No-Till, medium P, high K, 6.9
pH, 3.4% OM, 17.5 CEC

PEST MANAGEMENT: Clarity, Roundup Power Max,
Force, Acuron

FERTILITY - Applied N: 170.0 Fall, 30 Spring

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

SEEDED - RATE - ROW: May 5 33.0 /A 30" spacing

HARVESTED - STAND: Nov 5 31.8 /A

TEST COMMENTS:

Just before planting the plot received a trace of rain, and we had to wait for soil to dry. Mark stated that the plot only received small traces of rain from the end of May until the first part of August. Some ears were short, but good girth. There was some small tip back on pollination, and most of the leaves had fallen off before harvest. There was some lodging due to weak stalks, and some hybrids showed goose necking and some green snap before the ear formed.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CHAMPION	60A20 VT2 PRO	VT2P,B	110	289.7	15.9	1	31.9	1032	1
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	279.0	15.9	3	30.9	994	2
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	277.6	15.9	3	30.9	989	3
NK BRAND	NK0821-3120A	3120,A,B	108	276.3	15.8	2	30.9	986	4
TITAN PRO	94-09 2P	VT2P,B	109	276.0	15.8	2	32.9	984	5
LATHAM	LH5847VT2PRIB	VT2P,B	108	260.8	15.9	1	31.9	929	7
AUGUSTA	A1059	3110	109	260.7	15.8	2	33.9	930	6
CHAMPION	59A20 3220 EZ	3220,B	109	258.8	16.0	1	30.9	921	10
WYFFELS	W5086	VT2P	107	258.7	15.1	1	32.9	928	8
KRUGER	K0915DD	VT2P,DG,B	109	258.5	15.4	2	31.9	925	9
LATHAM	LH5965VT2PRIB	VT2P,B	109	257.5	15.8	9	31.9	918	11
FS INVISION	FS 58RL1 EZR	3220,B	108	256.3	15.5	1	31.9	916	12
FS INVISION	FS 60UX1 RIB	STX,B	110	255.0	15.5	2	32.9	912	13
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	254.8	15.7	4	31.9	910	14
AUGUSTA	A4658	3220,B	108	252.7	15.6	2	31.9	903	15
INTEGRA	5529	STX,B	105	251.0	15.1	1	31.9	900	16
LEGEND	LR99A093120ARIB	3120,A,B	109	250.2	15.7	1	31.9	893	17
MILLER HYBRIDS	RX10-36SS	STX	110	250.0	15.7	1	32.9	892	18
HOEGEMEYER	7990 Q	QR,B	109	249.7	15.7	1	30.9	891	19
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105	247.0	15.1	4	30.9	886	20
KRUGER	K0917SS	STX,B	109	245.6	15.4	1	31.9	879	21
RENK	RK765VT2P	VT2P	108	245.1	15.2	1	29.9	878	22
CHAMPION	57A19VT2PRORIB	VT2P,B	107	244.8	15.4	1	32.9	876	23
TITAN PRO	98-10 2P	VT2P	110	244.4	15.6	1	29.9	873	24
WYFFELS	W5626RIB	VT2P,B	108	243.2	15.0	5	30.9	873	25
HOEGEMEYER	7955 AML	AML,B	109	242.0	15.9	2	32.9	862	28
HOEGEMEYER	7886 AM	AM,B	108	241.0	15.1	5	31.9	865	27
WYFFELS	W6408RIB	STX,B	110	240.4	15.7	1	30.9	858	29
FS INVISION	FS 59VL1 EZR	3220,B	109	240.1	15.6	2	31.9	857	31
LATHAM	LH5725VT2PRIB	VT2P,B	107	239.6	15.2	1	31.9	858	30
DEKALB	DKC61-98RIB CK	VT2P,B	111	242.0	15.3	1	31.9	867	26
				Averages =	243.2	15.4	2	31.8	870
				LSD (0.10) =	12.4	0.2	2		
				LSD (0.25) =	6.5	0.1	1		
				C.V. =	4.9				



Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

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

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Full-Season Test 111 - 115 Day CRM
B2019IAWC23b

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Average of (3) Replications

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PowerMax, Zidua Pro,
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pH, 3.4% OM, 17.5 CEC

PEST MANAGEMENT: Clarity, Roundup Power Max,
Force, Acuron

FERTILITY - Applied N: 170.0 Fall, 30 Spring

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

SEEDED - RATE - ROW: May 5 33.0 /A 30" spacing

HARVESTED - STAND: Nov 5 32.2 /A

TEST COMMENTS:

Just before planting the plot received a trace of rain, and we had to wait for soil to dry. Mark stated that the plot only received small traces of rain from the end of May until the first part of August. Some ears were short, but good girth. There was some small tip back on pollination, and most of the leaves had fallen off before harvest. There was some lodging due to weak stalks, and some hybrids showed goose necking and some green snap before the ear formed.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	NK1205-3120-EZR	3120,B	112	276.6	16.4	1	30.9	982	1
NK BRAND	NK1354-3220-EZR	3220,B	113	267.9	16.9	2	33.9	946	2
CHAMPION	64A20 VT2 PRO	VT2P,B	114	265.6	17.6	1	31.9	933	3
FS INVISION	FS 6595V RIB	VT2P,B	115	261.9	16.6	1	30.9	928	4
DYNA-GRO	D54VC14	VT2P	114	258.8	16.9	1	32.9	914	6
WYFFELS	W7956	VT2P	114	258.4	16.5	1	32.9	916	5
NK BRAND	NK1573-3330-EZR	3330,B	115	258.0	17.3	13	32.9	909	7
RENK	RK945DGV2P	VT2P,DG,B	115	257.3	17.1	1	33.9	907	8
KRUGER	K4R-9111	STX,B	111	255.2	16.5	1	31.9	905	9
RENK	RK937VT2P	VT2P,B	113	252.9	16.1	1	32.9	900	10
WYFFELS	W7696RIB	VT2P,B	113	252.9	16.9	3	32.9	893	11
GOLDEN HARVEST	G12U17-3010	3010	112	252.7	16.9	1	30.9	893	12
INTEGRA	CX821111	3010	111	252.0	17.2	1	32.9	888	14
HOEGEMEYER	8414 AM	AM,B	114	250.8	16.6	3	31.9	888	15
GOLDEN HARVEST	G13T41-3120-EZR	3120,B	113	250.2	17.3	1	31.9	881	17
INTEGRA	CX811113	STX,B	113	250.1	16.1	1	31.9	890	13
HOEGEMEYER	8382 AM	AM,B	113	250.1	16.4	2	32.9	888	16
WYFFELS	W7878	STX	114	247.7	16.5	1	31.9	878	18
LATHAM	EX 6143 3010	3010	111	247.6	16.9	1	31.9	875	21
INTEGRA	6410	STX	114	247.1	16.6	1	30.9	875	22
HOEGEMEYER	8104 AM	AM,B	111	246.8	16.4	1	32.9	876	19
INTEGRA	6284	STX,B	112	245.4	16.3	1	31.9	871	23
KRUGER	K1114SS	STX,B	111	245.2	15.6	1	30.9	876	20
TITAN PRO	TP 71-12 DG2P	VT2P,DG,B	112	244.5	16.3	1	31.9	868	25
FS INVISION	FS 64SX1 RIB	STX,B	114	244.2	17.0	1	31.9	862	28
CHAMPION	61A19VT2PRORIB	VT2P,B	111	243.5	15.6	6	32.9	870	24
KRUGER	K1501SS	STX,B	115	243.3	17.1	1	31.9	858	30
WYFFELS	W7976RIB	VT2P,B	113	243.1	15.7	3	31.9	867	27
RENK	9-115SSTX	STX	115	242.3	16.3	1	30.9	860	29
RENK	RK807SSTX	STX	111	240.9	16.0	1	31.9	857	31
DEKALB	DKC61-98RIB CK	VT2P,B	111	243.4	15.7	1	32.9	868	26
				Averages =	244.1	16.5	2	32.2	865
				LSD (0.10) =	12.9	0.2	2		
				LSD (0.25) =	6.8	0.1	1		
				C.V. =	5.0				



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

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.