

Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

2019 Corn Grain Top 30 Harvest Report

Iowa Northwest [IANW] LU VERNE, IA
Bob Plathe, Kossuth County, IA 50560

Early-Season Test	101 - 106 Day CRM B2019IANW06a
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Liberty
SOIL DESCRIPTION:	Kossuth silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, medium K, 5.5 pH, 4.7% OM, 29.1 CEC
PEST MANAGEMENT:	Acuron Flexi, Laudis, Trivapro, Warhawk
FERTILITY - Applied N:	110 Spring, 50 Sidedress
Applied N-P-K (units):	160-0-0
SEEDING - RATE - ROW:	May 4 38.0 /A 30" spacing
HARVESTED - STAND:	Nov 1 36.8 /A

TEST COMMENTS:

This has been a nice site in the past with a history of producing consistency and good representation of the Kossuth silty clay loam that is prevalent in the area. Unfortunately, a misapplication of nitrogen fertilizer missed large portions of the plot area that rendered this yield data quite variable, unrepresentative, and unusable. Yields of surrounding farms have been around 230 bu per acre.

Company/Brand	Product/Brand	Yield 1	bu	Yield Bu/A	Moisture %	Lodging %	Stand in 2000	Gross Income \$/acre	Rank
RENA	RENA557X	57X	102	188.1	15.4	1	37.8	592	1
LATHAM	LH240VVTZPMB	VZPMB	102	182.8	15.8	1	37.1	577	2
FS INVISION	FS 5584R RB	57X,B	105	181.8	17.1	1	37.1	569	3
CORNELLUS	CA455	57X	106	188.4	17.3	1	37.8	593	4
CORNELLUS	CA430P	VZP	104	187.4	16.8	1	36.8	588	5
BRUDER	BR457X	57X,B	104	187.4	16.8	1	37.8	587	6
BRUDER	BR4500	VZP05L,B	104	187.4	16.8	1	37.1	583	7
RENA	RE47557X	57X,B	104	186.7	17.8	1	37.1	587	8
LATHAM	LH240VVTZPMB	VZPMB	105	186.3	16.8	1	37.8	592	9
PROHARVEST	PR4555	57X	104	183.8	17.2	1	37.2	578	10
HORGENMEYER	H240	57X	101	181.8	16.8	1	36.5	578	11
GOLDEN HARVEST	GR450-2110	57X	101	181.8	16.8	1	37.8	578	12
TOTAL PRO	TP 45-2P	VZP	104	181.8	17.2	1	37.1	574	14
WHITFIELD	WH4500	VZP	101	181.8	16.8	1	36.5	578	13
NS BRAND	NS450-2110	57X,B	104	181.8	16.8	7	36.2	569	16
TOTAL PRO	TP 45-22	VZP	106	181.8	17.8	6	37.8	578	17
HORGENMEYER	H240	57X	102	181.8	16.8	6	36.8	575	18
WHITFIELD	WH4500	57X	106	181.8	16.8	1	36.5	575	21
CHAMPION	CH450VVTZPMB	VZPMB	106	181.8	16.8	1	36.5	575	19
TOTAL PRO	TP 75-26	None	106	181.8	16.8	4	37.1	577	15
VRING	VR450	None	105	181.7	17.8	17	36.2	573	22
HEFTY	HE450	VZPMB	102	181.8	16.8	1	37.2	576	20
NS BRAND	NS450	57X	104	181.2	17.8	4	37.8	587	23
LATHAM	LH240VVTZPMB	VZPMB	106	181.2	16.8	1	36.8	583	26
WHITFIELD	WH4500	57X,B	104	181.2	16.8	1	37.8	584	24
VRING	VR450	None	105	181.7	16.1	2	36.5	584	25
TOTAL PRO	TP 45-22	None	102	181.8	16.8	4	36.5	495	28
LATHAM	LH240VVTZPMB	VZPMB	104	181.8	16.8	1	37.1	496	27
FS INVISION	FS 57021 RB	57X,B	101	181.8	16.8	1	37.1	494	29
WHITFIELD	WH4500	VZPMB	101	181.8	16.4	1	37.1	495	30
BRUDER	BR4500	57X,B	105	181.1	17.8	1	37.8	473	31

REJECTED

Corey Rozenboom

Corey Rozenboom
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Averages =	125.9	16.8	5	36.8	473
LSD (0.10) =	24.0	0.9	11		
LSD (0.25) =	12.6	0.5	6		
C.V. =	18.2				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.80

Report Date: 11/01/2019

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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different

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2019 Corn Grain Top 30 Harvest Report

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Full-Season Test	107 - 110 Day CRM B2019IANW06b
Top 30 of 66	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Liberty
SOIL DESCRIPTION:	Kossuth silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, medium K, 5.5 pH, 4.7% OM, 29.1 CEC
PEST MANAGEMENT:	Acuron Flexi, Laudis, Trivapro, Warhawk
FERTILITY - Applied N:	110 Spring, 50 Sidedress
Applied N-P-K (units):	160-0-0
SEDED - RATE - ROW:	May 4 38.0 /A 30" spacing
HARVESTED - STAND:	Nov 1 36.8 /A

TEST COMMENTS:

This has been a nice site in the past with a history of producing consistency and good representation of the Kossuth silty clay loam that is prevalent in the area. Unfortunately, a misapplication of nitrogen fertilizer missed large portions of the plot area that rendered this yield data quite variable, unrepresentative, and unusable. Yields of surrounding farms have been around 230 bu per acre.

Company/Brand	Product/Brand	Seeds / Acre	bu	Yield Bu/A	Moisture %	Lodging %	Stand in 2019, %/acre	Gross Income \$/acre	Rank
INTEGRA	CR6110	VTOP	110	184.8	18.0	1	37.1	514	1
WHITFIELD	W802	VTOP	111	182.2	17.9	1	37.8	504	2
LATHAM	LH84VT2PMB	VT2PB	108	181.9	18.0	4	36.5	500	4
WHITFIELD	W819B	VT2PB	108	181.3	17.9	9	37.1	501	3
RENA	RE17W82TK	STX.B	108	180.8	18.1	1	37.1	504	5
BRUDER	BR1785	STX.B	107	180.1	17.8	1	36.9	500	6
CHAMPION	CH18V2PMB	VT2PB	110	180.0	17.2	1	37.2	500	7
WHITFIELD	W849B	STX.B	110	180.0	18.0	1	37.1	573	8
TITAN PRO	TR102P	VT2PB	108	180.0	18.0	1	37.1	502	12
HEFTY	H82V2P	VT2PB	107	180.0	18.2	1	37.8	502	10
WHITFIELD	W808	VT2PB	107	180.0	18.1	1	37.1	501	11
BRUDER	BR1785	STX.B	108	180.0	18.0	1	37.1	505	13
LATHAM	LH84VT2PMB	VT2PB	108	180.0	18.4	28	37.1	504	14
TITAN PRO	TR102P	VT2PB	108	180.0	18.1	8	37.8	501	16
LEGEND	LH84VT2PMB	VT2PB	108	180.0	18.2	27	37.1	503	15
DEKALB	DKC6349B	VT2PB	110	180.0	18.3	1	37.1	526	18
BRUDER	BR1785P	STX.B	110	180.0	17.9	1	36.9	526	19
FEARLESS	FE888L12M	VT2PB	108	180.0	21.2	1	36.8	502	20
RENA	RE17V2P	VT2PB	108	180.0	18.0	1	37.8	501	17
INTEGRA	CR6110	STX.B	108	180.0	17.8	1	37.1	500	20
EPLEY	E1801	None	108	180.0	18.1	9	37.8	500	22
CORNELLUS	CR18V2P	VT2PB	108	180.0	17.9	4	37.1	524	21
HOOVER	H84V2P	VT2PB	108	180.0	18.0	1	37.1	526	23
PROHARVEST	PR18V2P	STX	107	180.0	17.8	1	37.8	526	24
WHITFIELD	W849B	VT2PB	108	180.0	17.9	6	37.2	525	25
CHAMPION	CH18V2PMB	VT2PB	108	180.0	17.4	4	36.5	522	26
VENO	VR102	None	108	180.0	18.7	20	37.8	524	26
INTEGRA	CR6110	VT2PB	107	180.0	18.8	1	37.1	524	27
CHAMPION	CH18V2PMB	VT2PB	110	180.0	18.7	1	36.5	516	31
BRUDER	BR1785	STX.B	108	180.0	18.1	10	37.1	517	30
RENA	RE17V2P	VT2PB	108	180.0	17.9	1	37.2	519	3

REJECTED

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Averages =	136.5	18.3	8	36.8	508
LSD (0.10) =	ns	1.0	16		
LSD (0.25) =	ns	0.5	8		
C.V. =	17.3				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.80

Report Date: 11/01/2019

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2019 Corn - Iowa Northwest [IANW]

Early-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A3054	3110	104
CHAMPION	53A19SSRIB	STX,B	103
CHAMPION	53A20 VT2 PRO	VT2P,B	103
CHAMPION	55A20 3220 EZ	3220,B	105
CHAMPION	56A18VT2PRORIB	VT2P,B	106
CORNELIUS	C461SS	STX	106
CORNELIUS	C478DP	VT2P	106
CORNELIUS	C6438DP	VT2P	104
DEKALB	DKC50-08RIB GC	STX,B	100
DEKALB	DKC51-38RIB GC	STX,B	101
DEKALB	DKC54-38RIB GC	STX,B	104
DEKALB	DKC54-74RIB GC	VT2P,B	104
EPLEY	E1330	None	103
EPLEY	E1503VT2P	VT2P	105
FS INVISION	FS 51QX1 RIB	STX,B	101
FS INVISION	FS 53ZX1 RIB	STX,B	103
FS INVISION	FS 5594X RIB	STX,B	105
FS INVISION	FS 55RL1 EZR	3220,B	105
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102
GOLDEN HARVEST	G03R40-3110	3110	103
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105
HEFTY	H5132VT2P	VT2P	101
HEFTY	H5212VT2PRIB	VT2P,B	102
HEFTY	H5504SSRIB	STX,B	105
HEFTY	H5522VT2PRIB	VT2P,B	105
HEFTY	H5622VT2PRIB	VT2P,B	106
HOEGEMEYER	7159 Q	QR,B	101
HOEGEMEYER	7209 AM	AM,B	102
HOEGEMEYER	7402 AM	AM,B	104
HOEGEMEYER	7692 Q	QR,B	106
INTEGRA	5280	STX,B	102
INTEGRA	5529	STX,B	105
KRUGER	K0109SS	STX,B	101
KRUGER	K0518DD	VT2P,DG,B	105
KRUGER	K4R-9704	STX,B	104
KRUGER	K4R-9706	STX,B	106

Company/Brand	Brand/Product	Technology	RM
KRUGER	K4R-9802	STX,B	102
LATHAM	LH5160	None	101
LATHAM	LH5245VT2PRIB	VT2P,B	102
LATHAM	LH5487VT2PRIB	VT2P,B	104
LATHAM	LH5517VT2PRIB	VT2P,B	105
LATHAM	LH5635VT2PRIB	VT2P,B	106
LEGEND	LR9701GENSSRIB	STX,B	101
LEGEND	LR9804GENSSRIB	STX,B	104
LEGEND	LR9903GENSSRIB	STX,B	103
MILLER HYBRIDS	M06-27	None	106
MILLER HYBRIDS	M06-39	None	106
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK0472-3110	3110	104
NK BRAND	NK0602-3120-EZR	3120,B	106
PIONEER	P0157AMXT GC	AMXT,AQ,B	101
PIONEER	P0339AMXT GC	AMXT,AQ,B	103
PIONEER	P0589AMXT CK	AMXT,AQ,B	105
PROHARVEST	6258SS	STX	102
PROHARVEST	6746SS	STX	106
RENK	RK621VT2P	VT2P	102
RENK	RK626SSTX	STX	102
RENK	RK710DGV2P	VT2P,DG,B	106
RENK	RK737SSTX	STX,B	106
TITAN PRO	82-04 2P	VT2P,B	104
TITAN PRO	91-02	None	102
TITAN PRO	96-06 2P	VT2P,B	106
TITAN PRO	TP 40-03	None	103
TITAN PRO	TP 70-06	None	106
VIKING	42-05	None	105
VIKING	51-04	None	104
VIKING	55-02	None	102
VIKING	84-05	None	105
WYFFELS	W2506RIB	VT2P,B	101
WYFFELS	W3488RIB	STX,B	104
WYFFELS	W4196RIB	VT2P,B	105
WYFFELS	W4358RIB	STX,B	106

2019 Corn - Iowa Northwest [IANW]



Full-Season Test Products (66 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A4858	3010,B	108
BECKS	5765AMXT GC	AMXT,B	107
CHAMPION	57A19VT2PRORIB	VT2P,B	107
CHAMPION	58A18VT2PRORIB	VT2P,B	108
CHAMPION	59A20 3220 EZ	3220,B	109
CHAMPION	60A20 VT2 PRO	VT2P,B	110
CORNELIUS	C573DP	VT2P	108
CORNELIUS	C575DP	VT2P	109
CORNELIUS	C633DP	VT2P	110
DEKALB	DKC58-34RIB GC	STX,B	108
DEKALB	DKC60-88RIB GC	VT2P,B	110
EPLEY	E1730	None	107
EPLEY	E1800	None	108
FS INVISION	FS 57ZX1 RIB	STX,B	107
FS INVISION	FS 58G00	None	108
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	G08M20-3120-EZR	3120,B	108
GOLDEN HARVEST	G09Y24-3220A-EZR	3220,A,B	109
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110
HEFTY	H5734SS	STX	107
HEFTY	H5812VT2PRIB	VT2P,B	108
HEFTY	H5832VT2P	VT2P	108
HEFTY	H5922VT2PRIB	VT2P,B	109
HOEGEMEYER	7760 AM	AM,B	107
HOEGEMEYER	7886 AM	AM,B	108
HOEGEMEYER	7955 AML	AML,B	109
HOEGEMEYER	8028 AM	AM,B	110
INTEGRA	5719	VT2P,B	107
INTEGRA	5770	STX	107
INTEGRA	5939	STX,B	109
INTEGRA	CX901110	VT2P	110
KRUGER	K0716SS	STX,B	107
KRUGER	K0807SS	STX,B	108
KRUGER	K0915DD	VT2P,DG,B	109

Company/Brand	Brand/Product	Technology	RM
KRUGER	K0917SS	STX,B	109
KRUGER	K1005DP	VT2P,B	110
LATHAM	LH5725VT2PRIB	VT2P,B	107
LATHAM	LH5740	None	107
LATHAM	LH5769SSRIB	STX,B	107
LATHAM	LH5847VT2PRIB	VT2P,B	108
LATHAM	LH5965VT2PRIB	VT2P,B	109
LEGEND	LR9809VT2PRIB	VT2P,B	109
LEGEND	LR99A093120ARIB	3120,A,B	109
MILLER HYBRIDS	M08-41	None	108
MILLER HYBRIDS	M09-01	None	109
NK BRAND	NK0821-3120A	3120,A,B	108
NK BRAND	NK0886-3120-EZR	3120,B	108
PIONEER	P0589AMXT CK	AMXT,AQ,B	105
PIONEER	P0919AM GC	AM,B	109
PIONEER	P1197AM GC	AM,B	111
PROHARVEST	6828SS	STX	107
PROHARVEST	8052SS	STX	109
RENK	RK763VT2P	VT2P,B	108
RENK	RK765VT2P	VT2P	108
RENK	RK779SSTX	STX,B	108
TITAN PRO	91-07	None	107
TITAN PRO	94-09 2P	VT2P,B	109
TITAN PRO	98-10 2P	VT2P	110
VIKING	48-08	None	108
WYFFELS	W5086	VT2P	107
WYFFELS	W5516RIB	VT2P,B	108
WYFFELS	W5626RIB	VT2P,B	108
WYFFELS	W6408RIB	STX,B	110
WYFFELS	W6826	VT2P	111

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.