

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

2019 Corn Grain Top 30 Harvest Report

Iowa North [IANO] LU VERNE, IA

Bob Plathe, Kossuth County, IA 50560

Ultra Early-Season Test 95 - 100 Day GRM
B2019IANO03u

Top 30 of 54 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 37.1 /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 / Bu	GR	Yield Bu/A	Moisture %	Lodging %	Stand in 1000's /A	Gross Income \$/Acre	Rank
VRINO	44-88	None	95	148.8	15.4	1	37.8	585	1
TITAN PRO	TP 44-88 DGP	VTZPDLB	95	143.5	14.7	1	35.8	545	2
LATHAM	LH4488VTZPDLB	VTZPDLB	100	143.2	15.5	4	37.1	542	3
CORNELLUS	CON44P	VTZP	100	142.0	15.8	4	37.1	537	4
VRINO	52-88	None	100	141.3	14.5	4	37.1	537	5
PIONEER	PIONEER 4C	44-8	94	140.3	15.8	17	37.8	536	6
MR BRAND	MR88-3010	3010	95	139.7	15.4	1	37.1	528	7
KRUDER	KR4488	STX-B	95	139.2	15.9	1	37.1	522	8
VRINO	44-88	None	95	137.5	15.1	1	37.8	520	9
FE INVISION	FE 4488V INB	VTZP	95	136.5	15.1	1	37.1	516	10
LATHAM	LH4488VTZPDLB	VTZPDLB	100	135.1	15.1	1	34.5	510	11
TITAN PRO	52-88 2P	VTZP	95	135.2	15.2	1	37.1	510	12
VRINO	44-88	None	95	135.0	14.8	1	37.1	498	13
LATHAM	LH4488VTZPDLB	VTZPDLB	100	134.5	14.5	17	37.8	502	14
LATHAM	EX 888V T2	VTZP	95	133.5	14.9	1	35.8	502	14
WHITFIELD	WH4488	VTZP	95	133.8	15.3	1	37.1	497	16
PIONEER	PIONEER 4C	44-8	94	133.8	15.8	1	35.8	494	17
NUTECH	88A70	VTZP	95	133.2	15.3	1	35.5	494	18
NUTECH	8P-1888	VTZP	95	133.0	15.1	1	34.9	493	19
MR BRAND	MR88-3010	3010	95	129.7	16.2	1	37.8	489	21
LATHAM	LH4488	None	95	129.2	15.4	4	37.8	489	20
NUTECH	8P-1888	VTZP	95	128.7	16.2	1	35.5	489	23
WHITFIELD	WH4488	VTZP	95	127.8	14.7	6	37.8	488	22
CORNELLUS	CON44P	STX	97	127.2	15.9	1	35.5	488	25
RENA	RENAVTZP	VTZP	97	127.1	15.3	1	37.8	482	24
RENA	RENA8888VTZP	VTZPDLB	100	126.5	15.0	15	37.2	477	26
TITAN PRO	51-88	None	100	125.4	16.1	26	35.5	475	27
CORNELLUS	CON44P	VTZP	100	125.8	15.3	13	35.5	470	28
GOLDEN HARVEST	GH44-3010	3010	95	125.7	15.0	20	37.8	470	29
KRUDER	KR4488	VTZP	97	125.6	14.5	2	37.8	470	30

REJECTED

Corey Rozenboom

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Averages = **124.7** **15.5** **6** **37.1** **473**
 LSD (0.10) = ns 0.7 13
 LSD (0.25) = ns 0.4 7
 C.V. = 15.4

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 - Iowa North [IANO]

Ultra Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RM
CORNELIUS	C336DP	VT2P	100
CORNELIUS	C5713SS	STX	97
CORNELIUS	C6042DP	VT2P	100
FEDERAL	4800CONV	None	98
FEDERAL	5008CONV	None	100
FS INVISION	FS 45SV1 RIB	VT2P,B	95
FS INVISION	FS 46RL0 EZR	3120,B	96
FS INVISION	FS 47TV1 RIB	VT2P,B	97
FS INVISION	FS 5098X RIB	STX,B	100
GOLDEN HARVEST	G00H12-3010	3010	100
GOLDEN HARVEST	G95M41-3010	3010	95
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97
KRUGER	K4R-9296	STX,B	96
KRUGER	K4R-9900	STX,B	100
KRUGER	K9701DP	VT2P,B	97
LATHAM	EX 5035 VT2P	VT2P	100
LATHAM	LH4517VT2PRIB	VT2P,B	95
LATHAM	LH4795VT2PRIB	VT2P,B	97
LATHAM	LH4830	None	98
LATHAM	LH4937VT2PRIB	VT2P,B	99
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100
LATHAM	LH5377VT2PRIB	VT2P,B	100
NK BRAND	NK9610-3010	3010	96
NK BRAND	NK9930-3010	3010	99
NORTHSTAR	NS 100-530VT2PRIB	VT2P,B	100
NORTHSTAR	NS 97-547SSRIB	STX,B	97
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98
NUTECH	56A7Q	QR,B	96
NUTECH	5F-196AM	AM,B	96
NUTECH	5F-601AM	AM,B	100
NUTECH	E58A2Q	QR,B	98
PIONEER	P9492AM GC	AM,B	94
PIONEER	P9621AMXT GC	AMXT,B	96
PIONEER	P9998AMXT GC	AMXT,AQ,B	99
RENK	RK561DGV2P	VT2P,DG	95
RENK	RK579DGV2P	VT2P,DG,B	98

Company/Brand	Brand/Product	Technology	RM
RENK	RK587VT2P	VT2P,B	97
RENK	RK593VT2P	VT2P	96
RENK	RK608DGV2P	VT2P,DG,B	100
TITAN PRO	82-95 2P	VT2P,B	95
TITAN PRO	85-96	None	96
TITAN PRO	86-96 2P	VT2P,B	96
TITAN PRO	91-00	None	100
TITAN PRO	92-99 2P	VT2P,B	99
TITAN PRO	TP 65-00 DG2P	VT2P,DG,B	95
TITAN PRO	TP 70-98	None	98
VIKING	44-98	None	98
VIKING	46-96	None	96
VIKING	52-00	None	100
VIKING	99-00	None	100
WYFFELS	W1588RIB	STX,B	95
WYFFELS	W1636RIB	VT2P,B	96
WYFFELS	W2196RIB	VT2P,B	99
WYFFELS	W2236	VT2P	99

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® TRIsect (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.