

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

## 2019 Corn Grain Top 30 Harvest Report

Iowa North [IANO] OSAGE, IA

Dale Hemann, Mitchell County, IA 50461

**Ultra Early-Season Test** 95 - 100 Day CRM  
B2019IANO06u

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

**PREV. CROP/HERB:** Soybean / Roundup, Warrent,  
Xtendimax

**SOIL DESCRIPTION:** Kilinger silty clay loam, mod. well  
drained, non-irrigated

**SOIL CONDITION:** Minimum W/O Fall Till, high P,  
low K, 6.4 pH, 4.4% OM, 23.1  
CEC

**PEST MANAGEMENT:** Resicore/Atrazine, Trivapro

**FERTILITY - Applied N:** 170 Sidedress

**Applied N-P-K (units):** 170-130-97

**SEEDED - RATE - ROW:** May 14 37.7 /A 30" spacing

**HARVESTED - STAND:** Oct 26 34.7 /A

### TEST COMMENTS:

We got this site planted mid-May due to cold and wet weather that delayed planting season across several counties in northern Iowa. The heat units never really caught up through the remainder of the growing season which caused some concern that corn wouldn't black layer before a hard freeze. Thankfully, the frost held off and all maturities did black layer before damage occurred. Some green snap was observed in the plots and appeared to be hybrid specific. Yield trends for this season at this site generally favored earlier hybrids.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CORNELIUS	C6042DP	VT2P	100	<b>265.3</b>	20.7	1	35.2	970	1
PIONEER	P9621AMXT GC	AMXT,B	96	<b>262.4</b>	20.9	1	35.2	958	2
LATHAM	EX 5035 VT2P	VT2P	100	<b>260.8</b>	20.9	1	33.2	953	3
TITAN PRO	92-99 2P	VT2P,B	99	<b>258.4</b>	21.4	1	34.5	941	4
WYFFELS	W1636RIB	VT2P,B	96	<b>255.4</b>	21.0	1	31.9	932	5
FS INVISION	FS 47TV1 RIB	VT2P,B	97	<b>254.6</b>	20.6	1	34.5	932	6
PIONEER	P9492AM GC	AM,B	94	<b>252.4</b>	20.5	1	35.8	924	7
FS INVISION	FS 5098X RIB	STX,B	100	<b>251.6</b>	21.1	1	34.5	918	8
VIKING	52-00	None	100	<b>250.1</b>	20.5	1	34.5	916	9
WYFFELS	W2196RIB	VT2P,B	99	<b>249.9</b>	21.6	1	33.2	908	10
VIKING	44-98	None	98	248.8	21.1	1	34.5	908	11
KRUGER	K4R-9900	STX,B	100	248.4	22.9	1	36.5	895	17
WYFFELS	W1588RIB	STX,B	95	248.1	21.4	1	35.2	903	12
LATHAM	LH4795VT2PRIB	VT2P,B	97	247.4	21.3	1	35.2	901	13
CORNELIUS	C336DP	VT2P	100	247.4	21.9	1	33.9	898	15
RENK	RK593VT2P	VT2P	96	246.4	21.1	2	36.5	899	14
WYFFELS	W2236	VT2P	99	245.6	20.7	1	33.9	898	16
GOLDEN HARVEST	G00H12-3010	3010	100	243.2	20.6	1	34.5	890	18
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97	243.1	21.4	1	34.5	885	20
LATHAM	LH4830	None	98	241.8	20.8	1	35.8	884	21
NK BRAND	NK9610-3010	3010	96	241.8	20.9	1	34.5	883	22
NUTECH	E58A2Q	QR,B	98	241.5	20.0	4	37.1	888	19
TITAN PRO	91-00	None	100	239.8	21.6	1	34.5	872	23
NUTECH	5F-601AM	AM,B	100	239.1	22.3	1	35.2	865	30
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98	239.0	21.0	1	33.9	872	24
FS INVISION	FS 46RL0 EZR	3120,B	96	238.6	21.0	2	34.5	871	25
LATHAM	LH4937VT2PRIB	VT2P,B	99	238.3	21.2	1	35.8	869	26
TITAN PRO	TP 70-98	None	98	238.0	21.3	1	35.8	867	27
VIKING	46-96	None	96	237.8	21.2	6	33.9	867	28
LATHAM	LH4517VT2PRIB	VT2P,B	95	236.8	20.6	1	35.2	866	29

*Corey Rozenboom*

Averages = **236.1** 21.2 2 34.7 861

LSD (0.10) = 13.4 1.0 7

LSD (0.25) = 7.0 0.5 4

C.V. = 5.4

Corey Rozenboom

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

Report Date: 10/27/2019

† 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 - 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

<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)	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.