

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

2019 Corn Grain Top 30 Harvest Report

Iowa North [IANO] PLYMOUTH, IA

Aaron & Stan Sprung, Cerro Gordo County, IA 50464

Ultra Early-Season Test 95 - 100 Day CRM
B2019IANO05u

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

PREV. CROP/HERB: Soybean / Treflan, Sencore,
Liberty.

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

SOIL CONDITION: Minimum W/O Fall Till, very high
P, medium K, 6.5 pH, 3.8% OM,
21.1 CEC

PEST MANAGEMENT: Keystone Lanxt, Impact, Atrazine.

FERTILITY - Applied N: 53 Spring, 53 Sidedress

Applied N-P-K (units): 106-0-0

SEEDED - RATE - ROW: May 14 35.7 /A 30" spacing

HARVESTED - STAND: Oct 31 34.0 /A

TEST COMMENTS:

A lot of corn was planted mid May this season due to soggy and cool soils that were slow to dry this spring. Another 5" fell by June 1, within 2 weeks of planting. The real story for this site were 3 untimely wind events. A June 30 storm brought 60+ mph gusts that damaged plants during ear formation. A July 20 storm also packed high winds during pollination. Finally, a third storm on Aug 5 brought another round of wind that green-snapped several hybrids to different degrees of severity.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
WYFFELS	W2196RIB	VT2P,B	99	217.3	18.8	1	33.9	805	1
VIKING	52-00	None	100	211.8	17.4	1	33.9	792	2
CORNELIUS	C6042DP	VT2P	100	211.7	19.3	1	33.9	782	3
VIKING	46-96	None	96	202.2	18.7	1	33.9	750	4
NUTECH	56A7Q	QR,B	96	199.1	19.5	1	33.2	734	5
PIONEER	P9492AM GC	AM,B	94	193.9	17.4	1	35.2	725	6
TITAN PRO	92-99 2P	VT2P,B	99	193.2	18.2	1	33.9	719	7
VIKING	99-00	None	100	192.8	18.5	1	33.9	716	8
TITAN PRO	82-95 2P	VT2P,B	95	191.8	18.8	1	33.9	710	9
RENK	RK593VT2P	VT2P	96	190.5	18.3	1	34.5	708	11
KRUGER	K4R-9900	STX,B	100	190.4	19.8	1	33.9	701	14
NUTECH	5F-196AM	AM,B	96	189.6	17.3	1	31.2	710	10
WYFFELS	W1588RIB	STX,B	95	189.2	18.5	1	33.9	702	12
FS INVISION	FS 47TV1 RIB	VT2P,B	97	188.4	17.9	1	35.2	702	13
CORNELIUS	C336DP	VT2P	100	186.9	18.6	1	33.9	693	15
NUTECH	E58A2Q	QR,B	98	185.0	18.8	1	34.5	686	17
TITAN PRO	85-96	None	96	184.9	18.0	1	35.2	689	16
NUTECH	5F-601AM	AM,B	100	184.1	19.6	1	33.2	679	18
FEDERAL	4800CONV	None	98	183.9	19.5	1	33.9	678	19
KRUGER	K4R-9296	STX,B	96	181.8	18.3	1	31.9	676	20
WYFFELS	W1636RIB	VT2P,B	96	181.2	17.7	1	35.2	676	21
RENK	RK561DGVT2P	VT2P,DG	95	181.2	17.9	1	34.5	676	22
PIONEER	P9998AMXT GC	AMXT,AQ,B	99	180.9	19.5	1	33.8	667	24
LATHAM	LH5377VT2PRIB	VT2P,B	100	179.9	18.7	1	31.2	667	25
RENK	RK579DGVT2P	VT2P,DG,B	98	179.8	18.3	2	33.2	668	23
TITAN PRO	TP 65-00 DG2P	VT2P,DG,B	95	178.9	19.2	1	33.9	661	26
RENK	RK608DGVT2P	VT2P,DG,B	100	178.1	19.2	1	34.5	658	29
VIKING	44-98	None	98	177.4	18.3	1	35.2	659	28
TITAN PRO	86-96 2P	VT2P,B	96	176.8	17.7	1	31.9	660	27
LATHAM	LH4517VT2PRIB	VT2P,B	95	175.9	18.4	4	34.5	653	30

Corey Rozenboom

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Averages = **178.1** **18.5** **2** **34.0** **661**

LSD (0.10) = 11.1 0.7 3

LSD (0.25) = 5.8 0.4 2

C.V. = 5.9

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.80

Report Date: 11/01/2019

† 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

[^] 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.