

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

2019 Corn Grain Top 30 Harvest Report

Iowa North [IANO] PAULLINA, IA

Mark Hibbing, O'Brien County, IA 51046

Ultra Early-Season Test 95 - 100 Day GRM
B2019IANO01u

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

PREV. CROP/HERB: Soybean / Dual, 2-4D, Roundup,
Flexstar, Clethodim ,

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

SOIL CONDITION: Minimum W/O Fall Till, high P,
high K, 5.4 pH, 4.6% OM, 23.8
CEC

PEST MANAGEMENT: Resicore, Ah, Cadence

FERTILITY - Applied N: 150 Spring

Applied N-P-K (units): 150-40-40

SEEDING - RATE - ROW: Jun 3 35.7 /A 30" spacing

HARVESTED - STAND: Nov 8 34.1 /A

TEST COMMENTS:

This was our only location that missed earlier planting windows in May. Several farms in O'Brien county were planted by early and mid-May. However, 5.2" of rain fell on this field during May and not all fields in the flats drained off as well which forced some corn planting into June. The later start to the growing season impacted yields as expected. This field was exceptionally slow to dry down and stalk quality was beginning to deteriorate, however, ear shanks were strong and harvest loss was minimal.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	5F-196AM	AM,B	96	206.8	20.5	1	35.2	758	1
PIONEER	P9492AM GC	AM,B	94	203.0	18.9	1	33.9	752	2
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97	201.8	20.9	4	33.9	737	3
NUTECH	56A7Q	QR,B	96	197.1	21.2	4	33.9	718	6
WYFFELS	W2196RIB	VT2P,B	99	197.0	21.1	1	35.2	719	5
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98	196.6	19.3	1	33.9	726	4
WYFFELS	W2236	VT2P	99	194.5	22.8	1	33.9	701	9
TITAN PRO	92-99 2P	VT2P,B	99	193.9	19.0	1	33.9	717	7
VIKING	46-96	None	96	192.1	22.4	1	33.9	695	12
PIONEER	P9998AMXT GC	AMXT,AQ,B	99	191.8	21.6	1	33.9	697	11
RENK	RK593VT2P	VT2P	96	191.6	20.1	22	33.9	704	8
LATHAM	LH4937VT2PRIB	VT2P,B	99	191.4	20.8	9	34.5	700	10
CORNELIUS	C336DP	VT2P	100	190.5	23.7	1	33.9	682	17
VIKING	44-98	None	98	189.4	21.3	1	33.9	690	14
LATHAM	LH4517VT2PRIB	VT2P,B	95	188.9	19.9	1	35.2	695	13
RENK	RK608DGV2P	VT2P,DG,B	100	188.8	23.4	4	34.5	678	19
RENK	RK579DGV2P	VT2P,DG,B	98	188.3	21.3	6	33.9	686	16
PIONEER	P9621AMXT GC	AMXT,B	96	187.5	20.3	1	33.2	688	15
GOLDEN HARVEST	G95M41-3010	3010	95	186.5	21.0	9	33.9	681	18
LATHAM	EX 5035 VT2P	VT2P	100	185.9	22.2	1	33.9	673	20
LATHAM	LH4830	None	98	185.5	22.0	1	33.9	672	21
TITAN PRO	TP 70-98	None	98	184.9	22.0	1	33.9	670	22
KRUGER	K4R-9900	STX,B	100	184.5	22.9	1	33.9	665	23
FEDERAL	4800CONV	None	98	184.4	23.3	1	33.9	662	28
NUTECH	5F-601AM	AM,B	100	184.2	22.9	17	34.5	664	24
RENK	RK561DGV2P	VT2P,DG	95	183.6	22.2	1	35.2	664	25
CORNELIUS	C6042DP	VT2P	100	182.3	21.4	4	33.9	663	26
FS INVISION	FS 47TV1 RIB	VT2P,B	97	182.0	21.3	12	33.9	663	27
RENK	RK587VT2P	VT2P,B	97	181.8	22.0	1	34.5	659	30
KRUGER	K9701DP	VT2P,B	97	181.1	21.3	1	33.9	660	29

Corey Rozenboom

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Averages = **182.5** **21.7** **7** **34.1** **663**

LSD (0.10) = 7.6 1.3 13

LSD (0.25) = 4.0 0.7 7

C.V. = 4.0

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.80

Report Date: 11/10/2019

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 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.