

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

2019 Corn Grain Top 30 Harvest Report

Iowa North [IANO] EMMETSBURG, IA
Tom Kuecker, Palo Alto County, IA 50528

Ultra Early-Season Test 95 - 100 Day CRM
B2019IANO02u

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

PREV. CROP/HERB: Soybean / Authority First, Engenia,
Bue 5, Outlook, Fusilade

SOIL DESCRIPTION: Nicollet clay loam, moderately
drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, very high
P, medium K, 6.4 pH, 4.5% OM,
27.4 CEC

PEST MANAGEMENT: Brawl-Generic Dual, Armezon Pro,
Trio, Generic Quadris, Vt-Boron,
Headline Amp

FERTILITY - Applied N: 125.0 Fall, 47 Spring

Applied N-P-K (units): 172-86-72

SEEDED - RATE - ROW: May 6 39.0 /A 30" spacing

HARVESTED - STAND: Oct 22 36.8 /A

TEST COMMENTS:

This field is maintained at very high fertility and has a history of producing great yields. Highest yield potential for a few hybrids in this plot may have been limited by high wind that caused some green snap earlier in the season. For corn that endured the wind without green snap, moisture throughout the season was consistent, if not excessive. 24.5" fell from planting through Oct 1. That is 4.5" over the 30 year average for this area.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
WYFFELS	W1588RIB	STX,B	95	277.2	19.3	1	38.5	1024	1
TITAN PRO	82-95 2P	VT2P,B	95	273.4	19.5	1	37.8	1008	3
LATHAM	LH4830	None	98	272.9	19.2	17	38.5	1009	2
NUTECH	56A7Q	QR,B	96	270.3	20.3	1	38.5	992	6
RENK	RK561DGV2P	VT2P,DG	95	269.5	19.5	1	35.8	994	5
VIKING	46-96	None	96	268.7	18.9	1	37.2	995	4
VIKING	52-00	None	100	265.9	20.4	1	37.2	974	10
TITAN PRO	TP 65-00 DG2P	VT2P,DG,B	95	265.2	19.0	1	37.8	981	8
NUTECH	E58A2Q	QR,B	98	264.9	20.4	1	38.5	971	12
FS INVISON	FS 45SV1 RIB	VT2P,B	95	263.6	18.1	1	37.8	981	7
TITAN PRO	92-99 2P	VT2P,B	99	263.2	18.9	1	38.5	975	9
KRUGER	K9701DP	VT2P,B	97	263.1	19.3	6	37.1	971	11
CORNELIUS	C6042DP	VT2P	100	260.0	20.3	1	37.8	954	14
CORNELIUS	C336DP	VT2P	100	259.8	20.2	1	37.8	954	13
VIKING	99-00	None	100	258.3	20.8	1	35.2	944	16
NK BRAND	NK9930-3010	3010	99	257.3	20.4	22	37.8	943	17
LATHAM	EX 5035 VT2P	VT2P	100	255.8	19.3	1	36.5	945	15
FS INVISON	FS 46RL0 EZR	3120,B	96	255.2	19.4	2	35.2	942	18
LATHAM	LH4937VT2PRIB	VT2P,B	99	254.9	19.5	1	37.8	940	19
RENK	RK593VT2P	VT2P	96	254.1	19.0	1	37.8	940	20
WYFFELS	W2196RIB	VT2P,B	99	254.0	19.9	1	37.8	934	21
PIONEER	P9621AMXT GC	AMXT,B	96	253.0	19.5	2	37.8	933	22
KRUGER	K4R-9900	STX,B	100	252.0	21.4	1	38.5	917	28
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98	251.4	19.6	1	36.5	926	23
CORNELIUS	C5713SS	STX	97	250.9	20.0	1	37.8	922	26
RENK	RK579DGV2P	VT2P,DG,B	98	250.7	19.5	1	37.2	925	25
PIONEER	P9998AMXT GC	AMXT,AQ,B	99	250.4	21.3	1	37.1	912	29
LATHAM	LH4795VT2PRIB	VT2P,B	97	250.0	19.1	4	37.8	925	24
NORTHSTAR	NS 100-530VT2PRIB	VT2P,B	100	249.9	19.9	1	38.5	919	27
VIKING	44-98	None	98	247.1	19.4	1	36.5	912	30

Corey Rozenboom

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Averages = **246.2** **19.8** **2** **36.8** **906**

LSD (0.10) = 12.1 1.0 9

LSD (0.25) = 6.3 0.5 5

C.V. = 4.7

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

Report Date: 10/23/2019

† 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.