

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

2019 Corn Grain Top 30 Harvest Report

Iowa North [IANO] BRITT, IA

Donald Kirsch, Hancock County, IA 50483

Ultra Early-Season Test 95 - 100 Day CRM
B2019IANO04u

Top 30 of 54

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

PREV. CROP/HERB:

Soybean / Zidua Pro, Parrallel,
Warrant Ultra, Powermax.

SOIL DESCRIPTION:

Harcot clay loam, well drained,
non-irrigated

SOIL CONDITION:

Conventional W/ Fall Till, very low
P, medium K, 7.7 pH, 5.0% OM,
30.2 CEC

PEST MANAGEMENT:

Balance Flex, Atrazine, Impact,
Aztect.

FERTILITY - Applied N:

29.0 Fall, 45 Spring, 125
Sidedress

Applied N-P-K (units):

199-75-60

SEEDED - RATE - ROW:

May 3 38.0 /A 30" spacing

HARVESTED - STAND:

Oct 26 37.0 /A

TEST COMMENTS:

This field was planted early in May ahead of about 5.6" that followed for the rest of the month. Consistent periods of rainfall from planting through September provided ideal conditions for plant establishment, vigor, ear formation and pollination. High wind late in the season caused green snap within some plots and root lodging among others that appeared to be hybrid specific. Stalk quality was beginning to deteriorate at harvest but ear shanks were strong.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
VIKING	44-98	None	98	262.1	17.7	1	37.8	979	1
GOLDEN HARVEST	G95M41-3010	3010	95	259.1	18.2	1	37.1	964	2
FS INVISION	FS 46RL0 EZR	3120,B	96	257.5	18.0	4	36.5	959	3
WYFFELS	W2236	VT2P	99	256.4	18.1	1	37.8	955	4
LATHAM	LH4830	None	98	255.7	17.8	4	37.1	954	5
RENK	RK579DGV2P	VT2P,DG,B	98	255.2	18.3	13	37.8	949	7
VIKING	52-00	None	100	255.1	17.9	1	35.2	951	6
PIONEER	P9621AMXT GC	AMXT,B	96	254.9	18.3	1	37.1	948	8
CORNELIUS	C336DP	VT2P	100	254.7	18.5	1	37.1	945	10
NUTECH	56A7Q	QR,B	96	254.1	17.8	1	37.8	948	9
WYFFELS	W2196RIB	VT2P,B	99	253.7	18.1	1	37.8	944	11
TITAN PRO	82-95 2P	VT2P,B	95	253.3	18.0	1	37.8	943	12
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98	252.6	17.8	1	37.1	942	13
KRUGER	K9701DP	VT2P,B	97	252.2	17.9	18	37.8	940	14
RENK	RK593VT2P	VT2P	96	251.9	18.0	1	37.8	938	16
LATHAM	EX 5035 VT2P	VT2P	100	251.3	18.0	2	35.8	936	18
TITAN PRO	85-96	None	96	251.2	17.4	1	37.1	939	15
NUTECH	E58A2Q	QR,B	98	251.1	19.0	1	36.5	929	20
TITAN PRO	92-99 2P	VT2P,B	99	251.0	17.9	1	37.1	936	19
FS INVISION	FS 45SV1 RIB	VT2P,B	95	250.7	17.3	1	37.8	938	17
NK BRAND	NK9930-3010	3010	99	249.6	18.3	1	37.8	928	21
VIKING	99-00	None	100	249.3	18.3	1	34.5	927	22
FEDERAL	5008CONV	None	100	248.4	19.5	9	37.8	916	26
VIKING	46-96	None	96	248.2	18.1	1	37.1	924	23
NK BRAND	NK9610-3010	3010	96	247.5	18.0	1	34.5	922	24
LATHAM	LH4937VT2PRIB	VT2P,B	99	246.9	18.0	6	37.8	919	25
TITAN PRO	TP 70-98	None	98	245.2	18.1	1	37.1	913	27
FS INVISION	FS 5098X RIB	STX,B	100	245.0	19.0	1	37.8	906	30
TITAN PRO	TP 65-00 DG2P	VT2P,DG,B	95	244.3	18.0	1	37.8	910	29
RENK	RK561DGV2P	VT2P,DG	95	244.1	17.7	1	37.8	911	28

Averages = **244.0** **18.2** **3** **37.0** **908**

LSD (0.10) = 9.9 0.5 8

LSD (0.25) = 5.2 0.3 4

C.V. = 3.9

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

[^] 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.