

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 |

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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*

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|--------|---|------|--|------|---|
| 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.