

Test by: NewVenture, LLC Ellendale, MN

2019 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] FOLEY, MN
Roy Schneider, Benton County, MN 56329

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|-------------------------------|--|
| All-Season Test | 86 - 95 Day CRM B2019MNEC06 |
| Top 30 of 45 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Soybean / NA |
| SOIL DESCRIPTION: | Milaca Loam loam, mod. well drained, non-irrigated |
| SOIL CONDITION: | Strip-Till, very high P, very high K, 6.4 pH, 1.7% OM, 9.8 CEC |
| PEST MANAGEMENT: | Tripleflex, Atrazine, Makaze |
| FERTILITY - Applied N: | 19 Spring, 7 Planter, Chicken litter supplied the bulk of fertility |
| Applied N-P-K (units): | 26-25-120 |
| SEEDED - RATE - ROW: | May 13 32.6 /A 30" spacing |
| HARVESTED - STAND: | Oct 31 33.0 /A |

TEST COMMENTS:

This was a very level and uniform site. Lots of rain was Roy's comment, but the corn did yield well. The corn was very uniform throughout the entire plot. The corn was standing very well with very little lodging noted. The ears were large and filled to the tips.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|------------------|-----------|----|--------------|------------|-----------|----------------|----------------------|------|
| TITAN PRO | 82-95 2P | VT2P,B | 95 | 230.4 | 21.3 | 0 | 32.9 | 770 | 2 |
| PIONEER | P9492AM GC | AM,B | 94 | 230.2 | 21.1 | 0 | 33.4 | 771 | 1 |
| GOLD COUNTRY | 90-71R2P | VT2P,B | 90 | 222.7 | 20.6 | 0 | 34.8 | 748 | 3 |
| GOLD COUNTRY | 92-45R2P | VT2P,B | 92 | 222.5 | 20.5 | 0 | 34.3 | 748 | 4 |
| DAHLMAN | R48-28VT2PRIB | VT2P,B | 95 | 222.2 | 20.8 | 0 | 32.9 | 745 | 5 |
| DAIRYLAND | DS-3550AM | AM | 95 | 219.8 | 21.3 | 0 | 33.4 | 735 | 7 |
| LATHAM | EX 4123 3010 | 3010 | 91 | 218.9 | 19.5 | 0 | 31.9 | 742 | 6 |
| LATHAM | LH4375VT2PRIB | VT2P,B | 93 | 218.7 | 20.5 | 0 | 33.9 | 735 | 8 |
| DAHLMAN | R47-26VT2PRIB | VT2P,B | 94 | 218.5 | 20.4 | 0 | 33.4 | 735 | 9 |
| GOLD COUNTRY | 95-33R2P | VT2P,B | 95 | 218.4 | 20.9 | 0 | 32.9 | 732 | 10 |
| TITAN PRO | 90-94 2P | VT2P,B | 94 | 218.2 | 21.0 | 0 | 32.4 | 731 | 11 |
| LATHAM | LH3937VT2PRIB | VT2P,B | 89 | 217.0 | 20.7 | 0 | 33.8 | 729 | 12 |
| LATHAM | LH4454VT2PRIB | VT2P,B | 94 | 216.5 | 21.5 | 0 | 33.4 | 723 | 13 |
| LATHAM | LH4517VT2PRIB | VT2P,B | 95 | 216.4 | 21.6 | 0 | 34.3 | 722 | 14 |
| THUNDER | 6094 VT2P | VT2P,B | 94 | 215.5 | 21.3 | 0 | 33.9 | 720 | 15 |
| NK BRAND | NK9535-3220-EZR | 3220,B | 95 | 212.4 | 20.1 | 0 | 34.3 | 716 | 16 |
| DAIRYLAND | DS-3518AMXT | AMXT,B | 95 | 211.8 | 21.2 | 0 | 34.8 | 708 | 18 |
| LATHAM | LH3755VT2PRIB | VT2P,B | 87 | 211.8 | 20.0 | 0 | 32.9 | 715 | 17 |
| RENK | RK561DGV2P | VT2P,DG | 95 | 210.4 | 21.1 | 0 | 33.4 | 704 | 20 |
| FEDERAL | 4580VT2PRIB | VT2P,B | 95 | 209.7 | 21.6 | 0 | 31.9 | 700 | 22 |
| GOLD COUNTRY | 94-19RSS | STX,B | 94 | 209.6 | 21.2 | 0 | 32.9 | 701 | 21 |
| DAIRYLAND | DS-2989Z | 3120 | 89 | 208.2 | 19.6 | 0 | 32.4 | 705 | 19 |
| THUNDER | 6993 VT2P | VT2P,B | 93 | 207.2 | 21.4 | 0 | 31.0 | 692 | 26 |
| NK BRAND | NK8920-3120-EZR | 3120,B | 89 | 207.0 | 19.7 | 0 | 32.9 | 700 | 23 |
| ANDERSON | 742R GC | RR2 | 92 | 206.3 | 20.4 | 0 | 31.9 | 694 | 25 |
| GOLD COUNTRY | 89-59R2P | VT2P,B | 89 | 205.6 | 19.4 | 0 | 32.9 | 697 | 24 |
| TITAN PRO | 82-90 2P | VT2P,B | 90 | 204.1 | 21.4 | 0 | 32.9 | 682 | 28 |
| NK BRAND | NK8618-3120A-EZR | 3120,A,B | 86 | 202.9 | 19.6 | 0 | 33.9 | 687 | 27 |
| GOLDEN HARVEST | G95M41-3010 | 3010 | 95 | 201.1 | 20.1 | 0 | 33.8 | 678 | 29 |
| GOLDEN HARVEST | G89A09-3120-EZR | 3120,B | 89 | 199.5 | 19.5 | 0 | 31.4 | 676 | 30 |

Averages = **207.3** 20.5 0 33.0 697

LSD (0.10) = 11.7 0.6 ns

LSD (0.25) = 6.1 0.3 ns

C.V. = 5.4

Ed Dahle

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.50

2019 Corn - Minnesota East Central [MNEC]



All-Season Test Products (45 Total)

| Company/Brand | Product/Brand | Technology | RM |
|----------------|------------------|------------|----|
| ANDERSON | 742R GC | RR2 | 92 |
| DAHLMAN | R43-29VT2PRIB | VT2P,B | 86 |
| DAHLMAN | R47-26VT2PRIB | VT2P,B | 94 |
| DAHLMAN | R48-28VT2PRIB | VT2P,B | 95 |
| DAIRYLAND | DS-2989Z | 3120 | 89 |
| DAIRYLAND | DS-3518AMXT | AMXT,B | 95 |
| DAIRYLAND | DS-3550AM | AM | 95 |
| DAIRYLAND | DS-7294A | 3220 | 94 |
| FEDERAL | 4580VT2PRIB | VT2P,B | 95 |
| GOLD COUNTRY | 89-59R2P | VT2P,B | 89 |
| GOLD COUNTRY | 90-71R2P | VT2P,B | 90 |
| GOLD COUNTRY | 92-45R2P | VT2P,B | 92 |
| GOLD COUNTRY | 94-19RSS | STX,B | 94 |
| GOLD COUNTRY | 95-33R2P | VT2P,B | 95 |
| GOLDEN HARVEST | G88F37-3120A-EZR | 3120,A,B | 88 |
| GOLDEN HARVEST | G89A09-3120-EZR | 3120,B | 89 |
| GOLDEN HARVEST | G90Y04-3220A-EZR | 3220,A,B | 92 |
| GOLDEN HARVEST | G91V51-3110A | 3110,A | 91 |
| GOLDEN HARVEST | G95M41-3010 | 3010 | 95 |
| LATHAM | EX 4123 3010 | 3010 | 91 |
| LATHAM | LH3755VT2PRIB | VT2P,B | 87 |
| LATHAM | LH3827VT2PRIB | VT2P,B | 88 |
| LATHAM | LH3937VT2PRIB | VT2P,B | 89 |
| LATHAM | LH4375VT2PRIB | VT2P,B | 93 |
| LATHAM | LH4454VT2PRIB | VT2P,B | 94 |
| LATHAM | LH4517VT2PRIB | VT2P,B | 95 |
| NK BRAND | NK8519-3220-EZR | 3220,B | 85 |
| NK BRAND | NK8618-3120A-EZR | 3120,A,B | 86 |
| NK BRAND | NK8881-3120A-EZR | 3120,A,B | 88 |
| NK BRAND | NK8920-3120-EZR | 3120,B | 89 |
| NK BRAND | NK9175-3110A | 3110,A | 91 |
| NK BRAND | NK9227-3220A-EZR | 3220,A,B | 92 |
| NK BRAND | NK9535-3220-EZR | 3220,B | 95 |
| PIONEER | P9188AMXT GC | AMXT | 91 |
| PIONEER | P9492AM GC | AM,B | 94 |
| RENK | RK561DGV2P | VT2P,DG | 95 |

| Company/Brand | Brand/Product | Technology | RM |
|---------------|---------------|------------|----|
| THUNDER | 6090 3120 | 3120,B | 90 |
| THUNDER | 6094 VT2P | VT2P,B | 94 |
| THUNDER | 6595 VT2P | VT2P,B | 95 |
| THUNDER | 6791 VT2P | VT2P,B | 91 |
| THUNDER | 6992 VT2P | VT2P,B | 92 |
| THUNDER | 6993 VT2P | VT2P,B | 93 |
| TITAN PRO | 82-90 2P | VT2P,B | 90 |
| TITAN PRO | 82-95 2P | VT2P,B | 95 |
| TITAN PRO | 90-94 2P | VT2P,B | 94 |

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.