

**2010 BETTER VARIETIES Harvest Report for Iowa North [ IANO ]**  
 Maurice Johnson, Floyd County, IA 50435 [ FLOYD ]

SOIANO27

PREV. CROP/HERB: Corn / Glyphos  
 SOIL DESCRIPTION: Readlyn silt loam, non-irrigated, well drained 1.8 - 2.5 MAT. GROUP  
 SOIL CONDITIONS: high P, high K, 6.5 pH, 3.5% OM 15" ROW SPACING  
 TILLAGE/CULTIVATION: no-till  
 PEST MANAGEMENT: Roundup, Headline  
 SEEDED - RATE: May 18 170,000 /A  
 HARVESTED - STAND: Oct 6 115,900 /A

**TOP 30 for YIELD of 63 TESTED**  
**AVERAGE of (3) REPLICATIONS**

| Company            | Brand          | Technol.† | Mat. | SCN Resist. | Seed‡ Trmt. | Yield (Bu/A)   | Moisture (%) | Lodging (%) | Stand (x 1000) | Gross Income |                |
|--------------------|----------------|-----------|------|-------------|-------------|----------------|--------------|-------------|----------------|--------------|----------------|
| Wensman            | W3212NR2       | RR2Y      | 2.1  | R           | AC          | <b>76.8</b>    | 10.3         | 4.7         | 118.9          | \$768.0      |                |
| Titan Pro          | 23M9           | RR2Y      | 2.3  | S           | CM          | <b>73.3</b>    | 10.7         | 3.0         | 89.2           | \$733.0      |                |
| Kruger             | K2-1901        | RR2Y      | 1.9  | R           | AC          | <b>72.4</b>    | 10.6         | 5.7         | 105.9          | \$724.0      |                |
| Wensman            | W3230R2        | RR2Y      | 2.3  | S           | AC          | <b>71.6</b>    | 10.9         | 4.7         | 107.8          | \$716.0      |                |
| Titan Pro          | 20M1*          | RR2Y      | 2.0  | R           | CM          | <b>71.5</b>    | 10.3         | 5.7         | 107.8          | \$715.0      |                |
| Renk               | RS241R2        | RR2Y      | 2.4  | S           | AC          | <b>71.0</b>    | 10.5         | 3.0         | 117.1          | \$710.0      |                |
| FS Seeds           | HS24A01        | RR2Y      | 2.4  | S           | AC          | <b>70.9</b>    | 10.6         | 4.0         | 124.5          | \$709.0      |                |
| Kruger             | K2-2301        | RR2Y      | 2.3  | S           | AC          | 68.8           | 10.5         | 3.0         | 92.9           | \$688.0      |                |
| Prairie Brand      | PP-242         | RR2Y      | 2.4  | MR          | CM          | 68.5           | 11.0         | 5.7         | 109.6          | \$685.0      |                |
| FS Seeds           | HS24R91        | RR        | 2.4  | S           | CM          | 68.5           | 10.6         | 6.3         | 117.1          | \$685.0      |                |
| Prairie Brand      | PB-2142R2      | RR2Y      | 2.0  | R           | CM          | 68.4           | 10.6         | 3.7         | 91.1           | \$684.0      |                |
| NuTech             | 7222           | RR        | 2.2  | R           | CM          | 68.2           | 10.8         | 4.7         | 118.9          | \$682.0      |                |
| Hefty              | H23Y10         | RR2Y      | 2.3  | S           | AC          | 68.1           | 10.5         | 5.7         | 102.2          | \$681.0      |                |
| Dyna-Gro           | 36RY19         | RR2Y      | 1.9  | R           | AC          | 68.0           | 10.2         | 4.7         | 102.2          | \$680.0      |                |
| Prairie Brand      | PB-1920R2      | RR2Y      | 1.9  | S           | AC          | 67.9           | 11.2         | 12.0        | 158.0          | \$679.0      |                |
| Kruger             | K2-1902        | RR2Y      | 1.9  | R           | AC          | 67.6           | 10.7         | 1.0         | 119.0          | \$676.0      |                |
| Dyna-Gro           | 33RY23 GC      | RR2Y      | 2.3  | R           | AC          | 67.6           | 10.7         | 8.7         | 124.5          | \$676.0      |                |
| NuTech             | G2 7208^       | RR        | 2.0  | R           | CM          | 67.4           | 10.4         | 4.0         | 102.2          | \$674.0      |                |
| Titan Pro          | 20M70          | RR2Y      | 2.0  | S           | CM          | 67.0           | 11.5         | 23.0        | 143.1          | \$670.0      |                |
| Hefty              | H23Y11         | RR2Y      | 2.3  | MR          | AC          | 66.7           | 10.8         | 5.7         | 92.9           | \$667.0      |                |
| FS Seeds           | HS23A02        | RR2Y      | 2.3  | R           | AC          | 66.7           | 10.7         | 12.7        | 104.1          | \$667.0      |                |
| Channel            | 2402R2         | RR2Y      | 2.4  | S           | AC          | 66.7           | 11.0         | 14.3        | 118.9          | \$667.0      |                |
| Dairyland          | DSR-2011RR*    | RR        | 2.0  | S           | CM          | 66.2           | 10.4         | 2.0         | 118.9          | \$662.0      |                |
| Viking             | 2201R2N        | RR2Y      | 2.2  | R           | AC          | 66.2           | 10.8         | 4.7         | 143.1          | \$662.0      |                |
| SOI                | STAR 2481NRR2Y | RR2Y      | 2.4  | R           | CM          | 66.1           | 11.3         | 9.0         | 111.5          | \$661.0      |                |
| FS Seeds           | HS21A02        | RR2Y      | 2.1  | R           | AC          | 66.0           | 10.4         | 3.0         | 119.0          | \$660.0      |                |
| Channel            | 2400R2         | RR2Y      | 2.4  | R           | AC          | 65.9           | 11.6         | 11.3        | 102.2          | \$659.0      |                |
| Wensman            | W3200NR2       | RR2Y      | 2.0  | R           | AC          | 65.8           | 10.6         | 2.0         | 117.1          | \$658.0      |                |
| Gold Country       | 2040           | RR2Y      | 2.0  | R           | AC          | 65.8           | 10.5         | 2.0         | 79.9           | \$658.0      |                |
| Prairie Brand      | PP-202         | RR2Y      | 2.0  | MR          | CM          | 65.6           | 10.4         | 3.0         | 105.9          | \$656.0      |                |
| F.I.R.S.T. Manager |                |           |      |             |             | Test Average = | <b>65.2</b>  | <b>10.8</b> | <b>7.9</b>     | <b>115.9</b> | <b>\$652.4</b> |
|                    |                |           |      |             |             | LSD (0.10) =   | 3.8          | 0.5         | 8.7            |              |                |
|                    |                |           |      |             |             | C.V. =         | 4.3          | 3.7         |                |              |                |

**TEST COMMENTS:** *Timely rains and minimal disease/insect pressure at this location allowed this plot to demonstrate the ability of offensive varieties to reach high end yield potential. Good growth through vegetative stages caused some lodging; however, all varieties rebounded through maturity and harvested well. Plant heights ranged 30 to 47".*

Lat: N43.18962, Long: W92.73062

Yield &amp; Income Factors: Base Moisture = 13% Shrink = 1.0 Drying = \$0.000 Price = \$10.00

† Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol

‡ Seed Treatment: AC - Acceleron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excalibre, ES - Escalate, I - Inovate, O - Optimize, T - Trilex, T6 - Trilex 6000

Results in bold are significantly above the test average. GC = grower chosen product, \* brands without a seed lot number; ns = not significantly different

 Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/8/2010 Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

|          |   |
|----------|---|
| 3110     | Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110                     |
| 3111     | Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111                     |
| 3000GT   | Agrisure <sup>®</sup> 3000GT  |
| CB/LL    | Agrisure <sup>®</sup> CB/LL   |
| CB/LL/RW | Agrisure <sup>®</sup> CB/LL/RW                                      |
| GT       | Agrisure <sup>®</sup> GT  |
| GT/CB/LL | Agrisure <sup>®</sup> GT/CB/LL                                      |
| HX       | HERCULEX <sup>®</sup> I Insect Protection                           |
| HXT      | HERCULEX <sup>®</sup> XTRA Insect Protection                        |
| LL       | LibertyLink <sup>®</sup>  |
| RR       | Roundup Ready <sup>®</sup> Soybeans                                 |
| RR2      | Roundup Ready <sup>®</sup> Corn 2                                   |
| RR2Y     | Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>             |
| SS       | Genuity <sup>™</sup> SmartStax <sup>™</sup>                         |
| STS      | STS <sup>®</sup>  |
| VT2      | YieldGard VT Rootworm/RR2 <sup>™</sup>                              |
| VT2P     | Genuity <sup>™</sup> VT Double PRO <sup>™</sup>                     |
| VT3      | YieldGard VT Triple <sup>®</sup>                                    |
| VT3P     | Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>                     |
| YGCB     | YieldGard <sup>®</sup> Corn Borer                                   |
| YGCB,RR2 | YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2 |
| YGPL,RR2 | YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2       |
| YGRW,RR2 | YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2   |

### Seed Treatments

|     |                                   |
|-----|-----------------------------------|
| AC  | Acceleron <sup>®</sup>            |
| AM  | ApronMaxx <sup>®</sup>            |
| AP  | Apron XL <sup>®</sup>             |
| AVC | Avicta <sup>®</sup> Complete Corn |
| C   | Cruiser <sup>®</sup>              |
| CM  | CruiserMaxx <sup>®</sup>          |
| E   | Excalibre <sup>™</sup>            |
| ES  | Escalate <sup>™</sup>             |
| I   | Inovate <sup>™</sup> System       |
| O   | Optimize <sup>®</sup>             |
| P   | Poncho <sup>®</sup>               |
| T   | Trilex <sup>®</sup>               |
| T6  | Trilex <sup>®</sup> 6000          |
| V   | Votivo <sup>™</sup>               |

### Trademarks

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- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
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- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
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