

2010 BETTER VARIETIES Harvest Report for Iowa North Central [IANC]

SOIANC32

John Crock, Delaware County, IA 52057 [MANCHESTER]

PREV. CROP/HERB: Corn / Glyphos
 SOIL DESCRIPTION: Kenyon loam, non-irrigated, well drained 2.1 - 2.8 MAT. GROUP
 SOIL CONDITIONS: high P, high K, 6.5 pH, 5% OM 15" ROW SPACING
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Roundup, Roundup, Select
 SEEDED - RATE: May 4 170,000 /A TOP 30 for YIELD of 45 TESTED
 HARVESTED - STAND: Oct 7 120,200 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technol.† | Mat. | SCN Resist. | Seed‡ Trmt. | Yield (Bu/A) | Moisture (%) | Lodging (%) | Stand (x 1000) | Gross Income | |
|--------------------|----------------|-----------|------|-------------|-------------|----------------|--------------|-------------|----------------|--------------|----------------|
| Titan Pro | 23M9 | RR2Y | 2.3 | S | CM | 71.9 | 10.2 | 1.0 | 132.0 | \$719.0 | |
| FS Seeds | HS24A01 | RR2Y | 2.4 | S | AC | 69.3 | 10.4 | 1.0 | 100.4 | \$693.0 | |
| Dairyland | DSR-2011RR* | RR | 2.0 | S | None | 69.3 | 10.7 | 2.0 | 128.2 | \$693.0 | |
| NuTech | 6281 | RR | 2.8 | S | CM | 67.0 | 9.8 | 2.0 | 102.2 | \$670.0 | |
| Kruger | K2-2301 | RR2Y | 2.3 | S | AC | 67.0 | 10.4 | 3.0 | 91.1 | \$670.0 | |
| Dyna-Gro | V25N9RR | RR | 2.5 | R | CM | 66.8 | 10.3 | 10.0 | 107.8 | \$668.0 | |
| SOI | 2534RR | RR | 2.5 | S | None | 66.7 | 10.6 | 4.0 | 130.1 | \$667.0 | |
| Prairie Brand | PB-2558NRR | RR | 2.5 | R | T6 | 66.5 | 10.3 | 1.0 | 139.4 | \$665.0 | |
| Prairie Brand | PP-242 | RR2Y | 2.4 | MR | CM | 66.1 | 10.2 | 3.0 | 91.1 | \$661.0 | |
| FS Seeds | HS23A02 | RR2Y | 2.3 | R | AC | 66.0 | 10.3 | 4.0 | 139.4 | \$660.0 | |
| Dairyland | DSR-2560RR | RR | 2.5 | S | CM | 65.6 | 10.4 | 2.0 | 143.1 | \$656.0 | |
| FS Seeds | HS24R91 | RR | 2.4 | S | CM | 65.6 | 10.2 | 4.7 | 118.9 | \$656.0 | |
| Kruger | K2-2802 | RR2Y | 2.8 | R | AC | 64.7 | 10.2 | 6.3 | 115.2 | \$647.0 | |
| Prairie Brand | PB-2667NRR | RR | 2.6 | R | T6 | 63.7 | 10.2 | 2.0 | 124.5 | \$637.0 | |
| SOI | STAR 2481NRR2Y | RR2Y | 2.4 | R | CM | 63.6 | 10.4 | 3.7 | 122.7 | \$636.0 | |
| Titan Pro | 28M40* | RR2Y | 2.8 | R | None | 63.6 | 10.8 | 11.0 | 154.3 | \$636.0 | |
| SOI | 2716NRR | RR | 2.7 | MR | None | 63.4 | 10.1 | 2.0 | 163.6 | \$634.0 | |
| Kruger | K2X24A1 | RR2Y | 2.3 | R | AC | 63.3 | 10.4 | 4.7 | 105.9 | \$633.0 | |
| Prairie Brand | PB-2142R2 | RR2Y | 2.0 | R | CM | 63.1 | 10.3 | 1.0 | 94.8 | \$631.0 | |
| Kruger | K2-2502 | RR2Y | 2.5 | R | AC | 62.8 | 10.8 | 22.3 | 102.2 | \$628.0 | |
| NuTech | G2 7260^ | RR | 2.6 | R | CM | 62.5 | 10.0 | 1.0 | 137.5 | \$625.0 | |
| NuTech | G2 7230^ | RR | 2.3 | R | CM | 62.1 | 10.2 | 2.0 | 146.8 | \$621.0 | |
| FS Seeds | HS28A02 | RR2Y | 2.8 | R | AC | 61.9 | 10.3 | 2.0 | 105.9 | \$619.0 | |
| Kruger | K2-2703 | RR2Y | 2.7 | R | AC | 61.4 | 10.6 | 5.7 | 139.4 | \$614.0 | |
| FS Seeds | HS21A02 | RR2Y | 2.1 | R | AC | 61.3 | 10.6 | 2.0 | 102.2 | \$613.0 | |
| NuTech | 2660RN | RR | 2.6 | R | CM | 60.9 | 10.5 | 1.0 | 135.7 | \$609.0 | |
| Kruger | K2-2701 | RR2Y | 2.7 | R | AC | 60.8 | 10.5 | 5.7 | 113.4 | \$608.0 | |
| Titan Pro | 26M20 | RR2Y | 2.6 | R | | 60.1 | 11.1 | 20.7 | 143.1 | \$601.0 | |
| Dyna-Gro | 36RY24 | RR2Y | 2.4 | R | AC | 59.8 | 10.2 | 1.0 | 128.3 | \$598.0 | |
| NuTech | G2 7258^ | RR | 2.5 | R | CM | 59.8 | 10.4 | 2.0 | 137.5 | \$598.0 | |
| F.I.R.S.T. Manager | | | | | | Test Average = | 62.1 | 10.4 | 4.7 | 120.2 | \$621.0 |
| | | | | | | LSD (0.10) = | 3.9 | 0.5 | 8.3 | | |
| | | | | | | C.V. = | 4.6 | 3.3 | | | |

TEST COMMENTS: Regular rainfall patterns swept across this site all season long and provided plenty of moisture. While there were many reports of SDS in the area, it could not be confirmed at this no-till field. Despite some severe wind events in the area, the plots rebounded very well from mid-season lodging. Plant heights ranged from 24 to 42".

Lat: N42.4769, Long: W91.6438

Yield & 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 - Accelaron, 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

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Report Date: 10/8/2010 Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

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

Technologies

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

Seed Treatments

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

Trademarks

- Excalibre[™] is a trademark of Advanced Biological Marketing
- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
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