

2011 BETTER VARIETIES Harvest Report for Iowa South Central [IASC]
 Jim & Jeremy Baker, Linn County, IA 52205 [ANAMOSA]

S1IASC36

PREV. CROP/HERB: Corn / Glyphosate, Laudis
 SOIL DESCRIPTION: Tama silty clay loam, well drained, non-irrigated 2.4 - 3.1 MAT. GROUP
 SOIL CONDITIONS: high P, high K, 6.5 pH, 4.4% OM 15" ROW SPACING
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Durango, Sharpen, Cadet, Headline
 SEEDED - RATE: May 23 170,000 /A TOP 30 for YIELD of 42 TESTED
 HARVESTED - STAND: Oct 17 108,200 /A AVERAGE of (3) REPLICATIONS

| Company/Brand | Product/Brand | Technol.† | Mat. | SCN Resist. | Seed‡ Trmt. | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|----------------|---------------|-----------|------|-------------|-------------|-------------|-------------|-------------|----------------|----------------|
| Prairie Brand | PB-2419RR2 | RR2Y | 2.3 | S | CM | 73.8 | 11.9 | 44.3 | 119.5 | \$870.8 |
| FS Hisoy | HS 24A01 | RR2Y | 2.4 | S | CM | 72.1 | 12.9 | 56.7 | 109.5 | \$850.8 |
| FS Hisoy | HS 27A12 | RR2Y | 2.7 | R | None | 71.8 | 11.9 | 38.0 | 97.6 | \$847.2 |
| SOI | 2534RR | RR | 2.5 | S | CM,AP | 70.6 | 12.2 | 44.3 | 127.4 | \$833.1 |
| Prairie Brand | PB-2882R2 | RR2Y | 2.8 | R | CM | 69.3 | 12.3 | 38.7 | 147.4 | \$817.7 |
| Titan Pro | 23M9 | RR2Y | 2.3 | S | CM | 68.6 | 11.6 | 22.0 | 103.6 | \$809.5 |
| Dyna-Gro | 31RY25 | RR2Y | 2.5 | MR | AC | 68.2 | 12.9 | 29.3 | 113.5 | \$804.8 |
| Kruger | K2-2302 | RR2Y | 2.3 | R | AC | 67.3 | 11.9 | 44.3 | 79.7 | \$794.1 |
| FS Hisoy | HS 31A02 | RR2Y | 3.1 | R | CM | 67.3 | 12.3 | 51.0 | 117.5 | \$794.1 |
| FS Hisoy | HS 27A02 | RR2Y | 2.7 | R | CM | 67.2 | 12.3 | 44.7 | 121.5 | \$793.0 |
| Prairie Brand | PB-2544R2 | RR2Y | 2.5 | R | CM | 66.6 | 12.1 | 30.0 | 121.5 | \$785.9 |
| Prairie Brand | PB-2412X | RR2Y | 2.4 | R | CM | 66.1 | 12.7 | 32.3 | 113.5 | \$780.0 |
| G2 Genetics | 7282^* | RR | 2.8 | R | T6 | 66.1 | 12.3 | 44.3 | 115.5 | \$780.0 |
| FS Hisoy | HS 25A12 | RR2Y | 2.5 | R | CM | 65.9 | 12.1 | 32.7 | 107.5 | \$777.6 |
| FS Hisoy | HS 25A11 | RR2Y | 2.5 | S | CM | 65.9 | 12.1 | 35.0 | 97.6 | \$777.6 |
| G2 Genetics | 7326^* | RR | 3.2 | R | T6 | 65.6 | 12.7 | 44.3 | 115.5 | \$774.1 |
| Kruger | K2-2602 | RR2Y | 2.6 | R | AC | 65.5 | 13.0 | 66.0 | 93.6 | \$772.9 |
| SOI | 2716NRR | RR | 2.7 | R | CM,AP | 65.2 | 12.2 | 54.7 | 121.5 | \$769.4 |
| G2 Genetics | 7310^* | RR | 3.1 | R | T6 | 64.7 | 12.6 | 43.0 | 109.5 | \$763.5 |
| Pfister | 30R29 | RR2Y | 3.0 | R | CM | 63.4 | 12.2 | 49.0 | 95.6 | \$748.1 |
| Pfister | 28R21 | RR2Y | 2.8 | R | CM | 63.3 | 12.3 | 51.7 | 109.5 | \$746.9 |
| FS Hisoy | HS 29A12 | RR2Y | 2.9 | R | CM | 63.2 | 12.1 | 59.0 | 103.5 | \$745.8 |
| Kruger | K2-3103 | RR2Y | 3.1 | R | AC | 63.1 | 12.5 | 33.7 | 133.4 | \$744.6 |
| Kruger | K2-2803 | RR2Y | 2.8 | R | AC | 63.1 | 12.2 | 60.3 | 81.7 | \$744.6 |
| Channel | 3105R2 | RR2Y | 3.1 | R | AC | 62.5 | 11.9 | 54.7 | 117.5 | \$737.5 |
| Titan Pro | 28M40 | RR2Y | 2.8 | R | CM | 62.3 | 14.1 | 64.7 | 89.6 | \$733.8 |
| G2 Genetics | 7262^* | RR | 2.6 | R | T6 | 62.2 | 12.7 | 40.7 | 113.5 | \$734.0 |
| Kruger | K2-2904 | RR2Y | 2.9 | R | AC | 62.1 | 12.2 | 29.7 | 93.6 | \$732.8 |
| FS Hisoy | HS 28A02 | RR2Y | 2.8 | R | CM | 61.9 | 12.3 | 49.7 | 109.5 | \$730.4 |
| Prairie Brand | PB-2743R2 | RR2Y | 2.7 | R | CM | 61.9 | 13.0 | 54.7 | 105.6 | \$730.4 |
| Test Average = | | | | | | 64.3 | 12.4 | 46.4 | 108.2 | \$759.1 |
| LSD (0.10) = | | | | | | 6.8 | 1.2 | 25.7 | | |
| C.V. = | | | | | | 7.8 | 7.0 | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: On June 8th and July 11th, this plot was hit hard by hail. Despite extensive damage in the first event, the small plant recovered becoming very bushy to compensate for lost plants. The downside, greater lodging late season. Yields were a bit variable across the plot. Large stems produced many branches with full pods, some plants were slow to drop leaves.

Lat: N42.20279, Long: W-91.39837

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.80

† Technology: RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonylurea Tol
 ‡ Seed Treatment: A - Allegiance, AC - Accelaron, AM - ApronMaxx, AP - Apron XL, AV - Avicta, CM - CruiserMaxx, E - Excalibre, I - Inovate, G - Gaucho, O - Optimize, T - Trilex, T2 - Trilex 2000, T6 - Trilex 6000, V - Votivo

Results in bold are significantly above the test average. GC = grower comparison 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: 10/19/2011 Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^ G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

| | |
|----------|---------------------------------------|
| 3000GT | Agrisure® 3000GT |
| 3111 | Agrisure® Viptera™ 3111 |
| AMRW | Optimum® AcreMax™ Rootworm Protection |
| 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® herbicide tolerance |
| RR | Roundup Ready® Soybeans |
| RR2 | Roundup Ready® Corn 2 |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| STX | SmartStax® |
| STS | STS® herbicide tolerance |
| VT2P | Genuity® VT Double PRO™ |
| VT3 | YieldGard VT Triple® |
| VT3P | Genuity® VT Triple PRO™ |

Seed Treatments

| | |
|----|-----------------|
| A | Allegiance® |
| AC | Acceleron® |
| AM | ApronMaxx® |
| AP | Apron XL® |
| AV | Avicta® |
| C | Cruiser® |
| CM | CruiserMaxx® |
| E | Excalibre™ |
| I | Inovate™ System |
| G | Gaucho® |
| O | Optimize® |
| P | Poncho® |
| T | Trilex® |
| T2 | Trilex® 2000 |
| T6 | Trilex® 6000 |
| V | VOTIVO® |

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