

**2012 BETTER VARIETIES Harvest Report for Iowa South Central [ IASC ]**

Dennis Mleynek, Guthrie County, IA 50216 [ YALE ]

**ALL SEASON TEST**

2.4 - 3.1 MAT. GROUP

PREV. CROP/HERB: Corn / Roundup, Outlook

S21ASC33

SOIL DESCRIPTION: Nicollet loam, mod. well drained, non-irrigated

SOIL CONDITIONS: High P, mod. high K, 6.6 pH, 4% OM

15" ROW SPACING

TILLAGE/CULTIVATION: minimum w/o fall till

PEST MANAGEMENT: Roundup, Fusilade

SEEDED - RATE: May 16 170,000 /A

 TOP 30 for **YIELD** of **54** TESTED

HARVESTED - STAND: Oct 5 146,800 /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 |
|----------------|----------------|-----------|------|-------------|--------------|-------------|------------|-----------|----------------|--------------|
| Steyer         | 2702R2         | RR2Y      | 2.7  | MR          | SStd         | <b>59.4</b> | 8.0        | 2         | 175.2          | \$915        |
| LG Seeds       | C2835R2        | RR2Y      | 2.8  | R           | Ac           | <b>57.3</b> | 8.3        | 1         | 123.4          | \$882        |
| Dyna-Gro       | 38RY28         | RR2Y      | 2.8  | R           | Ac           | <b>57.3</b> | 8.4        | 2         | 123.5          | \$882        |
| Channel        | 2903R2         | RR2Y      | 2.9  | R           | Ac,PV        | <b>56.1</b> | 8.3        | 4         | 159.3          | \$864        |
| Prairie Brand  | PB-2766R2      | RR2Y      | 2.7  | R           | CMB          | <b>55.6</b> | 8.0        | 1         | 147.3          | \$856        |
| FS Hisoy       | HS 28A02       | RR2Y      | 2.8  | R           | CMB          | <b>55.5</b> | 8.4        | 4         | 199.1          | \$855        |
| Stine          | 29RB22 §       | RR2Y,STS  | 2.9  | R           | CMB          | <b>55.2</b> | 8.1        | 4         | 149.4          | \$850        |
| Kruger         | K2-2803        | RR2Y      | 2.8  | R           | Ac,PV        | 54.9        | 8.3        | 1         | 199.1          | \$846        |
| FS Hisoy       | HS 25A22       | RR2Y      | 2.5  | R           | CMB          | 53.2        | 8.0        | 4         | 151.3          | \$819        |
| Dairyland      | DSR-2880R2Y    | RR2Y      | 2.8  | MR          | CMB          | 53.0        | 8.2        | 9         | 133.4          | \$816        |
| Kruger         | K2-2704        | RR2Y      | 2.7  | R           | Ac,PV        | 52.9        | 8.2        | 22        | 159.3          | \$815        |
| Kruger         | K2-2904        | RR2Y      | 2.9  | R           | Ac,PV        | 52.6        | 8.2        | 6         | 119.5          | \$810        |
| FS Hisoy       | HS 29A22       | RR2Y      | 2.9  | R           | CMB          | 52.6        | 8.3        | 6         | 125.4          | \$810        |
| Stine          | 29RD22 §       | RR2Y      | 2.9  | R           | CMB          | 52.3        | 8.1        | 1         | 131.4          | \$805        |
| LG Seeds       | C3111R2        | RR2Y      | 3.1  | R           | None         | 52.3        | 8.3        | 1         | 169.3          | \$805        |
| Stine          | 24RB00 §       | RR2Y      | 2.4  | MR          | CMB          | 51.7        | 7.8        | 1         | 129.4          | \$796        |
| Asgrow         | AG2632 §       | RR2Y      | 2.6  | MR          | Ac,PV        | 51.6        | 8.1        | 1         | 179.2          | \$795        |
| FS Hisoy       | HS 27A12       | RR2Y      | 2.7  | R           | CMB          | 50.8        | 8.1        | 1         | 149.4          | \$782        |
| Titan Pro      | 29M42          | RR2Y      | 2.9  | R           | CMB          | 50.8        | 8.0        | 2         | 151.3          | \$782        |
| Pioneer        | 93Y15 §        | RR        | 3.1  | R           | None         | 50.8        | 8.1        | 22        | 125.5          | \$782        |
| FS Hisoy       | HS 29A12       | RR2Y      | 2.9  | R           | CMB          | 50.6        | 8.2        | 6         | 131.5          | \$779        |
| Asgrow         | AG2931 §       | RR2Y      | 2.9  | R           | Ac,PV        | 50.5        | 8.1        | 1         | 159.3          | \$778        |
| NK Brand       | S30-E9 §       | RR2Y      | 3.0  | R           | CMB          | 50.5        | 9.2        | 3         | 163.3          | \$778        |
| FS Hisoy       | HS 30A22       | RR2Y      | 3.0  | R           | CMB          | 50.3        | 8.2        | 1         | 177.2          | \$775        |
| Pfister        | 28R21          | RR2Y      | 2.8  | R           | CMB          | 50.2        | 8.2        | 2         | 143.4          | \$773        |
| Prairie Brand  | PB-2668R2      | RR2Y      | 2.6  | R           | CMB          | 50.0        | 8.4        | 9         | 135.4          | \$770        |
| Kruger         | K2-2602        | RR2Y      | 2.6  | R           | Ac,PV        | 49.5        | 8.1        | 1         | 153.3          | \$762        |
| Channel        | 2706R2         | RR2Y      | 2.7  | R           | Ac,PV        | 49.4        | 8.1        | 1         | 121.5          | \$761        |
| FS Hisoy       | HS 24A12       | RR2Y      | 2.4  | R           | CMB          | 49.3        | 8.0        | 1         | 117.5          | \$759        |
| Channel        | 2800R2         | RR2Y      | 2.8  | R           | Ac,PV        | 49.1        | 8.2        | 1         | 171.2          | \$756        |
| Test Average = |                |           |      |             |              | <b>49.8</b> | <b>8.2</b> | <b>3</b>  | <b>146.8</b>   | <b>\$766</b> |
| LSD (0.10) =   |                |           |      |             |              | 5.2         | 0.6        | 12        |                |              |
| C.V. =         |                |           |      |             |              | 7.7         | 5.4        |           |                |              |

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *This plot received very little rain in the month of July along with high heat which set back yield potential. Plants were short plants with small sized seed. The very dry plants had some pods which split open when touched. This made it difficult to stop head shatter during harvest. No weed or pest problems noted.*

Lat: 41.77196, Long: -94.29107

|  |                     |              |                  |                 |
|--|---------------------|--------------|------------------|-----------------|
| Yield & Income Factors:  | Base Moisture = 13% | Shrink = 1.3 | Drying = \$0.033 | Price = \$15.40 |
| † See last page for Product/Brand, Technology and Seed Treatment information.  |                     |              |                  |                 |
| Results in <b>bold</b> are significantly above the test average. <b>GC</b> = grower comparison product, <b>§</b> = United Soybean Board entry; <b>ns</b> = not significantly different |                     |              |                  |                 |



## 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 Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer.

### Technologies

|          |  |
|----------|--|
| 3111     | Agrisure® Viptera™ 3111                |
| 3122     | Agrisure® 3122                         |
| 4011     | Agrisure® 4011                         |
| 3000GT   | Agrisure® 3000GT                       |
| AM1      | Optimum® AcreMax® 1                    |
| AMX      | Optimum® AcreMax® Xtra                 |
| CB/LL    | Agrisure® CB/LL                        |
| CB/LL/RW | Agrisure® CB/LL/RW                     |
| Conv     | Conventional, non-GMO                  |
| GT       | Agrisure® GT                           |
| GT/CB/LL | Agrisure® GT/CB/LL                     |
| HX       | HERCULEX® I Insect Protection          |
| HXT      | HERCULEX® XTRA Insect Protection       |
| LL       | LibertyLink®                           |
| OI       | Optimum® Intrasect™                    |
| RR       | Roundup Ready® Soybeans                |
| RR2      | Roundup Ready® Corn 2                  |
| RR2Y     | Genuity® Roundup Ready 2 Yield®        |
| STS      | STS® - sulfonyleurea tolerant soybeans |
| STX      | SmartStax®                             |
| STX-R    | SmartStax® Refuge Corn Blend           |
| VT2P     | Genuity® VT Double PRO®                |
| VT2P-R   | Genuity® VT Double PRO® RIB Corn Blend |
| VT3      | YieldGard VT Triple®                   |
| VT3P     | Genuity® VT Triple PRO®                |
| VT3P-R   | Genuity® VT Triple PRO® RIB Corn Blend |

### Seed Treatments

|            |   |
|------------|---|
| A          | Allegiance®                               |
| Ac         | Accelaron® Products                       |
| Am         | ApronMaxx®                                |
| Ap         | Apron XL®                                 |
| Avc        | Avicta® Complete Corn                     |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed |
| Ce         | Cruiser® Extreme                          |
| CMB        | CruiserMaxx® Beans                        |
| D          | Dynasty®                                  |
| Es         | Escalate®                                 |
| Ex         | Excalibre™                                |
| G          | Gaucha®                                   |
| I          | Inovate™ System                           |
| Mq         | Maxim® Quattro                            |
| Mx         | Maxim® XL                                 |
| None       | untreated                                 |
| O          | Optimize®                                 |
| P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed  |
| Pr         | Protinus™                                 |
| R          | Raxil®                                    |
| Rc         | Rancona®                                  |
| S          | Stamina®                                  |
| SDPI       | Servo™ DPI                                |
| SS+        | SoyShield™ Plus                           |
| SStd       | SureStand™                                |
| T          | Trilex®                                   |
| T2         | Trilex® 2000                              |
| T6         | Trilex® 6000                              |
| Th         | thiabendazole                             |
| V          | VOTiVO®                                   |
| Z          | zinc                                      |

### Trademarks

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