

2011 BETTER VARIETIES Harvest Report for Minnesota South Central [MNSC]
 Leon Plaetz, Redwood County, MN 56293 [WABASSO]

S1MNSC06

PREV. CROP/HERB: Corn / Roundup
 SOIL DESCRIPTION: Normania-Webster clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Medium SCN, high P, high K, 6.5 pH, 3.4% OM
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup WeatherMax twice, Warrior
 SEEDED - RATE: Jun 3 159,000 /A
 HARVESTED - STAND: Oct 5 138,100 /A

1.5 - 2.2 MAT. GROUP
 30" ROW SPACING
 TOP 30 for YIELD of 72 TESTED
 AVERAGE of (3) REPLICATIONS

| Company/Brand | Product/Brand | Technol. † | Mat. | SCN Resist. | Seed †† Trmt. | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|----------------|---------------|------------|------|-------------|---------------|-------------|------------|------------|----------------|----------------|
| Kruger | K2-1401 | RR2Y | 1.4 | MR | AC | 50.3 | 6.6 | 0.0 | 139.4 | \$553.3 |
| Renk | RS140NR2 | RR2Y | 1.4 | R | AM | 50.1 | 6.6 | 0.0 | 127.8 | \$551.1 |
| Kruger | K2-1902 | RR2Y | 1.9 | R | AC | 49.9 | 6.8 | 0.0 | 142.3 | \$548.9 |
| Viking | 2000R2N | RR2Y | 2.0 | R | AC | 49.9 | 7.1 | 0.0 | 142.3 | \$548.9 |
| Kruger | K2-1901 | RR2Y | 1.9 | R | AC | 49.4 | 7.0 | 0.0 | 139.4 | \$543.4 |
| Advantage | ADV1811CR2 | RR2Y | 1.8 | R | None | 49.0 | 6.7 | 0.0 | 149.1 | \$539.0 |
| Kruger | K2-1602 | RR2Y | 1.6 | R | AC | 48.7 | 7.1 | 0.0 | 143.3 | \$535.7 |
| NorthStar | NS 1916NR2 | RR2Y | 1.9 | R | AC | 48.5 | 7.0 | 0.0 | 134.6 | \$533.5 |
| Wensman | W 3180NR2* | RR2Y | 1.8 | R | AC | 48.3 | 7.4 | 0.0 | 140.4 | \$531.3 |
| Prairie Brand | PB-1823R2 | RR2Y | 1.8 | R | CM | 48.1 | 6.8 | 0.0 | 133.6 | \$529.1 |
| Anderson | 184R2Y | RR2Y | 1.8 | R | AC | 47.9 | 6.9 | 0.0 | 142.3 | \$526.9 |
| Titan Pro | 20M1 | RR2Y | 2.0 | R | CM | 47.9 | 7.0 | 0.0 | 134.6 | \$526.9 |
| Renk | RS202NR2 | RR2Y | 2.0 | R | None | 47.6 | 6.4 | 0.0 | 132.6 | \$523.6 |
| Mustang | M-18922 | RR2Y | 1.8 | R | AC | 47.2 | 7.1 | 0.0 | 141.3 | \$519.2 |
| Channel | 1901R2 | RR2Y | 1.9 | R | AC | 47.2 | 7.2 | 0.0 | 146.2 | \$519.2 |
| Hefty | H19Y11 | RR2Y | 1.9 | MR | I | 47.1 | 6.9 | 0.0 | 137.5 | \$518.1 |
| Trelay | 18RR21 | RR2Y | 1.8 | R | AC | 47.1 | 7.2 | 0.0 | 138.4 | \$518.1 |
| Channel | 2000R2 | RR2Y | 2.0 | R | AC | 46.9 | 7.3 | 0.0 | 136.5 | \$515.9 |
| Trelay | 15RR51 | RR2Y | 1.5 | R | AC | 46.8 | 6.8 | 0.0 | 139.4 | \$514.8 |
| G2 Genetics | 7208^* | RR | 2.0 | R | T6 | 46.7 | 6.8 | 0.0 | 138.4 | \$513.7 |
| Jung | 1201RR2 | RR2Y | 2.0 | R | AC | 46.7 | 7.3 | 0.0 | 146.2 | \$513.7 |
| Kruger | K2-1501 | RR2Y | 1.5 | R | AC | 46.6 | 6.8 | 0.0 | 144.2 | \$512.6 |
| Gold Country | 1741 | RR2Y | 1.7 | R | AC | 46.2 | 6.7 | 0.0 | 136.5 | \$508.2 |
| Gold Country | 2040 | RR2Y | 2.0 | R | AC | 46.1 | 6.5 | 0.0 | 144.2 | \$507.1 |
| Hefty | H18Y12 | RR2Y | 1.8 | MR | I | 46.1 | 7.0 | 0.0 | 114.2 | \$507.1 |
| Wensman | W 3200NR2 | RR2Y | 2.0 | R | AC | 45.9 | 7.2 | 0.0 | 136.5 | \$504.9 |
| Advantage | ADV2021CR2 | RR2Y | 2.0 | MR | None | 45.7 | 6.9 | 0.0 | 141.3 | \$502.7 |
| Titan Pro | 18M10 | RR2Y | 1.8 | R | CM | 45.6 | 6.8 | 0.0 | 137.5 | \$501.6 |
| Anderson | 203R2Y | RR2Y | 2.0 | R | AC | 45.6 | 7.0 | 0.0 | 135.5 | \$501.6 |
| Prairie Brand | PB-1942R2 | RR2Y | 1.9 | R | CM | 45.6 | 7.6 | 0.0 | 137.5 | \$501.6 |
| Test Average = | | | | | | 43.8 | 7.1 | 0.0 | 138.1 | \$481.6 |
| LSD (0.10) = | | | | | | 4.4 | 0.3 | ns | | |
| C.V. = | | | | | | 7.5 | 3.4 | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: *An extremely wet spring made for poor planting conditions and slow early growth. Temps warmed in July, through harvest, but rainfall stopped after July 15th. Leon stated that he had less than 0.5" rain after mid-July. His beans averaged low to mid-40's. Hail fell about 8 miles north, dropping bean yields to 20 bpa and corn to less than 100 bpa.*

Lat: N44.41104, Long: W-95.14731

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.00

† 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

AgSCI Copyright 2011

Report Date: 10/6/2011 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® |

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent