

2011 BETTER VARIETIES Harvest Report for Minnesota Central [MNCE]
 Donn Cunningham, Renville County, MN 55342 [HECTOR]

S1MNCE02

PREV. CROP/HERB: Corn / Harness, Roundup
 SOIL DESCRIPTION: Webster clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Medium SCN, high P, high K, 6.9 pH, 4.4% OM
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup twice, Lorsban
 SEEDED - RATE: Jun 2 159,000 /A
 HARVESTED - STAND: Oct 11 139,300 /A

 1.3 - 2.0 MAT. GROUP
 30" ROW SPACING

 TOP 30 for YIELD of 60 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 |
|----------------|---------------|-----------------------|------|-------------|--------------------------|-------------|-------------|------------|----------------|----------------|
| Renk | RS082R2* | RR2Y | 0.8 | S | None | 57.6 | 12.8 | 0.0 | 138.4 | \$633.6 |
| Kruger | K2-1001 | RR2Y | 1.0 | S | AC | 57.2 | 13.0 | 0.0 | 140.4 | \$629.2 |
| Prairie Brand | PB-1743R2 | RR2Y | 1.6 | R | CM | 56.9 | 13.2 | 0.0 | 133.6 | \$625.7 |
| Advantage | ADV1788CR2 | RR2Y | 1.7 | MR | None | 55.6 | 13.6 | 0.0 | 137.5 | \$610.9 |
| Kruger | K2-1902 | RR2Y | 1.9 | R | AC | 55.0 | 13.6 | 0.0 | 140.4 | \$604.3 |
| Kruger | K2-1401 | RR2Y | 1.4 | MR | AC | 54.5 | 13.2 | 0.0 | 142.3 | \$599.3 |
| NorthStar | NS 1726NR2 | RR2Y | 1.7 | R | AC | 54.4 | 13.9 | 0.0 | 139.4 | \$597.4 |
| Renk | RS140NR2 | RR2Y | 1.4 | R | AM | 54.3 | 13.0 | 0.0 | 139.4 | \$597.3 |
| Gold Country | 1440 | RR2Y | 1.4 | MR | AC | 54.1 | 13.2 | 0.0 | 141.3 | \$594.9 |
| Channel | 1805R2 | RR2Y | 1.8 | R | AC | 53.9 | 13.4 | 0.0 | 131.7 | \$592.5 |
| Prairie Brand | PB-1523R2 | RR2Y | 1.5 | R | CM | 53.3 | 13.0 | 0.0 | 141.3 | \$586.3 |
| Wensman | W 3200NR2 | RR2Y | 2.0 | R | AC | 53.3 | 13.5 | 0.0 | 139.4 | \$585.8 |
| Mustang | M-17722 | RR2Y | 1.7 | R | AC | 53.0 | 13.9 | 0.0 | 141.3 | \$582.0 |
| Gold Country | 2040 | RR2Y | 2.0 | R | AC | 52.7 | 13.5 | 0.0 | 137.5 | \$579.2 |
| Channel | 2000R2 | RR2Y | 2.0 | R | AC | 52.2 | 13.2 | 0.0 | 140.4 | \$574.0 |
| NorthStar | NS 7159NRR | RR | 1.5 | R | AC | 51.8 | 14.1 | 0.0 | 143.3 | \$568.7 |
| Wensman | W 3114R2 | RR2Y | 1.1 | S | AC | 51.7 | 13.4 | 0.0 | 139.4 | \$568.3 |
| Gold Country | 1741 | RR2Y | 1.7 | R | AC | 51.6 | 13.7 | 0.0 | 142.3 | \$566.9 |
| Wensman | W 3174NR2 | RR2Y | 1.7 | R | AC | 51.6 | 14.5 | 0.0 | 141.3 | \$566.1 |
| Dyna-Gro | 37RY14 | RR2Y | 1.4 | R | AC | 51.5 | 13.1 | 0.0 | 136.5 | \$566.4 |
| Prairie Brand | PB-2042R2 | RR2Y | 2.0 | R | CM | 51.4 | 13.4 | 0.0 | 140.4 | \$565.0 |
| Gold Country | 1640 | RR2Y | 1.6 | MR | AC | 51.1 | 14.0 | 0.0 | 141.3 | \$561.1 |
| Hefty | H17Y12 | RR2Y | 1.7 | MR | I | 50.8 | 13.6 | 0.0 | 140.4 | \$558.2 |
| Prairie Brand | PB-1823R2 | RR2Y | 1.8 | R | CM | 50.7 | 13.7 | 0.0 | 148.1 | \$557.0 |
| Kruger | K2-1501 | RR2Y | 1.5 | R | AC | 50.7 | 14.1 | 0.0 | 138.4 | \$556.6 |
| Stine | 19RA02* | RR2Y | 1.9 | R | CM | 50.6 | 13.0 | 0.0 | 133.6 | \$556.6 |
| Kruger | K2-1901 | RR2Y | 1.9 | R | AC | 50.4 | 13.4 | 0.0 | 140.4 | \$554.0 |
| Titan Pro | 14M61* | RR2Y | 1.4 | S | AC | 50.0 | 12.9 | 0.0 | 143.3 | \$550.0 |
| Renk | RS122R2* | RR2Y | 1.2 | S | None | 50.0 | 13.1 | 0.0 | 137.5 | \$549.9 |
| Asgrow | AG1931 GC | RR2Y | 1.9 | R | None | 50.0 | 13.5 | 0.0 | 128.8 | \$549.5 |
| Test Average = | | | | | | 50.0 | 13.6 | 0.0 | 139.3 | \$549.6 |
| LSD (0.10) = | | | | | | 3.3 | 0.6 | ns | | |
| C.V. = | | | | | | 4.9 | 3.1 | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were poor due to an extremely wet spring. Early growth was very slow due to cool, wet weather until the end of June. The rest of the summer and fall brought warm temps, and rainfall dropped off drastically after mid-July. A killing frost occurred Sept 15th. Varieties looked great at harvest, considering the wet planting conditions!* Lat: N44.72832, Long: W-94.77181

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

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Report Date: 10/13/2011 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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