

2010 BETTER VARIETIES Harvest Report for Minnesota Central [MNCE]

S0MNCE03

Tom Walsh, Meeker County, MN 55355 [LITCHFIELD]

PREV. CROP/HERB: Corn / Roundup, Status
 SOIL DESCRIPTION: Clarion loam, non-irrigated, well drained
 SOIL CONDITIONS: Low SCN, high P, high K, 6.9 pH, 3.4% OM
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup Weathermax twice, Warrior
 SEEDING - RATE: May 19 160,000 /A
 HARVESTED - STAND: Oct 1 111,600 /A

 1.0 - 1.7 MAT. GROUP
 30" ROW SPACING

TOP 30 for YIELD of 44 TESTED
AVERAGE of (3) REPLICATIONS

| Company | Brand | Technol. [†] | Mat. | SCN Resist. | Seed ^{††} Trmt. | Yield (Bu/A) | Moisture (%) | Lodging (%) | Stand (x 1000) | Gross Income | |
|---------------|-------------|-----------------------|------|-------------|--------------------------|----------------|--------------|-------------|----------------|--------------|----------------|
| Kruger | K2-1501 | RR2Y | 1.5 | R | AC | 70.3 | 10.5 | 5.3 | 126.0 | \$688.9 | |
| NorthStar | NS1716NR2 | RR2Y | 1.7 | R | CM | 69.7 | 10.3 | 0.0 | 123.7 | \$683.3 | |
| NorthStar | NS1726NR2 | RR2Y | 1.7 | R | CM | 69.3 | 10.0 | 0.0 | 135.9 | \$679.8 | |
| Wensman | W3174NR2 | RR2Y | 1.7 | R | AC | 69.1 | 10.5 | 0.0 | 128.3 | \$677.2 | |
| Titan Pro | 14M2* | RR2Y | 1.4 | R | CM | 68.7 | 9.7 | 0.0 | 109.8 | \$674.4 | |
| Kruger | K2-1401 | RR2Y | 1.4 | MR | AC | 68.3 | 9.6 | 0.0 | 102.2 | \$670.6 | |
| Prairie Brand | PB-1722R2* | RR2Y | 1.7 | R | CM | 68.3 | 10.2 | 0.0 | 101.6 | \$669.7 | |
| Kruger | K2-1102 | RR2Y | 1.1 | S | AC | 67.8 | 9.6 | 0.0 | 135.3 | \$665.7 | |
| Prairie Brand | PB-1499NRR2 | RR2Y | 1.4 | R | CM | 67.5 | 9.9 | 0.0 | 116.2 | \$662.3 | |
| Prairie Brand | PB-1701X | RR2Y | 1.7 | MR | CM | 67.5 | 10.0 | 0.0 | 116.1 | \$662.2 | |
| Titan Pro | 15M20 | RR2Y | 1.5 | R | CM | 67.2 | 10.4 | 0.0 | 116.2 | \$658.7 | |
| Gold Country | 1644 | RR2Y | 1.6 | R | AC | 66.8 | 10.6 | 29.3 | 79.6 | \$654.5 | |
| Hefty | H168R | RR | 1.6 | S | I | 66.4 | 10.0 | 0.0 | 120.8 | \$651.4 | |
| Wensman | W3156NR2 | RR2Y | 1.5 | R | AC | 66.3 | 10.0 | 12.0 | 90.6 | \$650.4 | |
| Kruger | K2-1901 | RR2Y | 1.9 | R | AC | 66.2 | 10.0 | 0.0 | 105.7 | \$649.4 | |
| Croplan | R2C1869 GC | RR2Y | 1.8 | R | CM | 66.1 | 10.1 | 3.0 | 113.8 | \$648.3 | |
| Gold Country | 1640 | RR2Y | 1.6 | MR | AC | 65.7 | 11.1 | 5.3 | 122.6 | \$643.1 | |
| Wensman | W3142NR2 | RR2Y | 1.4 | R | AC | 65.4 | 9.7 | 0.0 | 96.4 | \$642.0 | |
| Kruger | K2-1701 | RR2Y | 1.7 | R | AC | 65.2 | 11.7 | 0.0 | 110.9 | \$637.4 | |
| Gold Country | 1040 | RR2Y | 1.0 | S | AC | 65.0 | 9.8 | 0.0 | 121.4 | \$637.9 | |
| Channel | 1503R2 | RR2Y | 1.5 | R | AC | 65.0 | 10.0 | 0.0 | 94.7 | \$637.7 | |
| Wensman | W3131R2 | RR2Y | 1.3 | S | AC | 64.9 | 9.8 | 0.0 | 113.3 | \$636.9 | |
| Wensman | W3114R2 | RR2Y | 1.1 | S | AC | 64.9 | 10.7 | 0.0 | 115.6 | \$635.8 | |
| Prairie Brand | PB-1552R2 | RR2Y | 1.5 | R | CM | 64.8 | 10.1 | 5.3 | 85.4 | \$635.6 | |
| Channel | 1700R2 | RR2Y | 1.7 | R | AC | 64.4 | 10.5 | 0.0 | 114.4 | \$631.1 | |
| Gold Country | 1240 | RR2Y | 1.2 | S | AC | 64.4 | 10.6 | 0.0 | 106.9 | \$631.0 | |
| Hefty | H11Y10 | RR2Y | 1.1 | S | AC | 64.3 | 9.9 | 0.0 | 112.1 | \$630.9 | |
| Asgrow | AG1730 GC | RR2Y | 1.7 | R | None | 64.1 | 10.2 | 0.0 | 126.0 | \$628.6 | |
| Kruger | K2-1001 | RR2Y | 1.0 | S | AC | 64.0 | 9.9 | 1.3 | 136.5 | \$628.0 | |
| Hefty | H16Y11 | RR2Y | 1.6 | MR | AC | 64.0 | 10.2 | 28.7 | 94.1 | \$627.6 | |
| | | | | | | Test Average = | 64.8 | 10.2 | 3.6 | 111.6 | \$635.1 |
| | | | | | | LSD (0.10) = | 4.2 | 0.7 | 8.2 | | |
| | | | | | | C.V. = | 4.8 | 5.0 | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: Growing conditions were quite good, although rainfall was excessive all summer. White mold was a problem in some of Tom's fields, and there was evidence of this on a few plot strips. Otherwise, plants were approximately 36 inches tall. Lodging was a factor in some varieties, but not in others. Tom sprayed Warrior for aphids on July 27th.

Lat: N45.08769, Long: W94.62306

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$9.75

[†] 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: 10/5/2010 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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