

2012 BETTER VARIETIES Harvest Report for Missouri Northwest [MONW]
 Mike Barmann, Nodaway County, MO 64468 [MARYVILLE]

ALL SEASON TEST
 3.4 - 4.1 MAT. GROUP

PREV. CROP/HERB: Corn / Balance Flexx, Roundup S2MONW43
 SOIL DESCRIPTION: Zook silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 3.4% OM 15" ROW SPACING
 TILLAGE/CULTIVATION: minimum w/o fall till
 PEST MANAGEMENT: Roundup, Cobra, Sonic
 SEEDING - RATE: May 15 170,000 /A TOP 24 for YIELD of 24 TESTED
 HARVESTED - STAND: Oct 6 188,800 /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 |
|----------------|------------------|-----------|------|-------------|--------------|-------------|-------------|-----------|----------------|--------------|
| Stine | 40RC32 § | RR2Y | 4.0 | R | CMB | 71.3 | 12.2 | 16 | 207.1 | \$1,098 |
| LG Seeds | C3989R2 | RR2Y | 3.8 | R | Ac | 67.9 | 10.1 | 2 | 203.1 | \$1,046 |
| Stine | 35RA02 § | RR2Y | 3.5 | R | CMB | 65.0 | 10.0 | 1 | 193.1 | \$1,001 |
| Asgrow | AG3731 § | RR2Y | 3.7 | R | Ac,PV | 64.9 | 9.7 | 1 | 185.2 | \$1,000 |
| Willcross | RY2363N | RR2Y | 3.6 | R | CMB | 64.8 | 9.6 | 14 | 221.0 | \$998 |
| Kruger | K2-3701 | RR2Y | 3.6 | R | Ac,PV | 64.1 | 9.3 | 1 | 177.2 | \$987 |
| NK Brand | S39-U2 § | RR2Y | 3.9 | R | CMB | 64.1 | 10.6 | 35 | 173.2 | \$987 |
| Asgrow | AG3432 § | RR2Y | 3.4 | MR | Ac,PV | 63.7 | 10.1 | 25 | 199.1 | \$981 |
| Merschman | Coolidge 1234 GC | RR2Y | 3.4 | R | Ac | 61.1 | 9.4 | 1 | 189.2 | \$941 |
| LG Seeds | C3666R2 | RR2Y,STS | 3.6 | R | Ac | 60.6 | 9.7 | 10 | 167.3 | \$933 |
| Lewis | 383R2 | RR2Y | 3.8 | R | Ac,PV | 60.5 | 9.4 | 1 | 191.2 | \$932 |
| Kruger | K2-3902 | RR2Y | 3.9 | R | Ac,PV | 60.5 | 11.1 | 29 | 185.2 | \$932 |
| Kruger | K2-3402 | RR2Y | 3.4 | R | Ac,PV | 58.1 | 9.5 | 1 | 175.2 | \$895 |
| Stine | 37RC82 § | RR2Y | 3.7 | R | CMB | 57.6 | 9.9 | 4 | 201.1 | \$887 |
| Willcross | RY2373N | RR2Y | 3.7 | R | Ac | 57.2 | 9.9 | 4 | 205.1 | \$881 |
| Kruger | K2-3804 | RR2Y,STS | 3.8 | R | Ac,PV | 57.1 | 10.0 | 5 | 197.1 | \$879 |
| Kruger | K2-3802 | RR2Y | 3.8 | R | Ac,PV | 56.1 | 10.2 | 1 | 167.3 | \$864 |
| Kruger | K2-3803 | RR2Y | 3.8 | R | Ac,PV | 55.7 | 9.9 | 4 | 201.1 | \$858 |
| Kruger | K2-4102 | RR2Y | 4.1 | R | Ac,PV | 55.5 | 13.3 | 10 | 181.2 | \$854 |
| LG Seeds | C3890R2 | RR2Y | 3.8 | R | Ac | 52.4 | 10.9 | 4 | 199.1 | \$807 |
| Pioneer | 93Y82 § | RR | 3.8 | R | None | 52.4 | 9.8 | 7 | 185.2 | \$807 |
| Lewis | 412R2 | RR2Y | 4.1 | R | Ac,PV | 52.0 | 12.9 | 7 | 157.3 | \$801 |
| NK Brand | S41-J6 § | RR2Y | 4.1 | R | CMB | 51.5 | 14.4 | 9 | 187.2 | \$791 |
| Pioneer | 93Y60 § | RR | 3.6 | R | None | 43.9 | 9.0 | 1 | 183.2 | \$676 |
| Test Average = | | | | | | 59.1 | 10.5 | 8 | 188.8 | \$910 |
| LSD (0.10) = | | | | | | 5.4 | 0.9 | 14 | | |
| C.V. = | | | | | | 6.6 | 6.3 | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: *Good rainfall in May and August helped this plot perform well, the months of June and July were dry. Plants were tall and full of pods, making plants vulnerable to lodge. No other problems could be seen. Weed pressure was not bad. Mike commented that the dry weather delayed some herbicides from working.*
Lat: 40.28199, Long: -94.83798

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|--|---------------------|--------------|------------------|-----------------|
| 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 bold are significantly above the test average. GC = grower comparison product, § = United Soybean Board entry; ns = 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 |

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