

2012 BETTER VARIETIES Harvest Report for Missouri Northeast [MONE]

Steve Weaver, Clark County, MO 63445 [KAHOKA]

ALL SEASON TEST
3.4 - 4.1 MAT. GROUP

PREV. CROP/HERB: Corn / Lexar

S2MONE13

SOIL DESCRIPTION: Edina/Adco silt loam, moderately drained, non-irrigated

SOIL CONDITIONS: Moderate P, moderate K, 6.4 pH, 2.8% OM

15" ROW SPACING

TILLAGE/CULTIVATION: conventional w/ fall till

PEST MANAGEMENT: Valor, Prefix, Touchdown

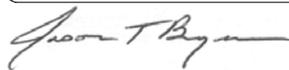
SEEDED - RATE: May 15 160,000 /A

TOP 27 for YIELD of 27 TESTED

HARVESTED - STAND: Oct 2 151,025 /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 |
|----------------|----------------|-----------|------|-------------|--------------|-------------|------------|-----------|----------------|--------------|
| NK Brand | S39-U2 | RR2Y | 3.9 | R | CMB | 47.2 | 9.6 | 1 | 163.6 | \$802 |
| NK Brand | S34-N3 | RR2Y | 3.4 | MR | CMB | 47.0 | 9.1 | 1 | 118.9 | \$798 |
| FS Hisoy | HS 36A12 | RR2Y | 3.6 | R | CMB | 45.9 | 9.4 | 1 | 115.2 | \$781 |
| FS Hisoy | HS 38A22 | RR2Y | 3.8 | R | CMB | 45.6 | 9.7 | 1 | 154.3 | \$775 |
| FS Hisoy | HS 39A12 | RR2Y,STS | 3.9 | R | CMB | 45.2 | 9.8 | 1 | 197.0 | \$769 |
| FS Hisoy | HS 39A22 | RR2Y | 3.9 | R | CMB | 45.2 | 10.0 | 1 | 146.8 | \$769 |
| Kruger | K2-3804 | RR2Y,STS | 3.8 | R | Ac,PV | 45.0 | 9.6 | 1 | 145.0 | \$765 |
| Kruger | K2-4102 | RR2Y | 4.1 | R | Ac,PV | 44.7 | 10.0 | 1 | 158.0 | \$760 |
| Kruger | K2-3701 | RR2Y | 3.6 | R | Ac,PV | 44.7 | 9.2 | 1 | 141.3 | \$760 |
| Stine | 37RC82 § | RR2Y | 3.7 | R | CMB | 44.6 | 9.3 | 1 | 154.3 | \$759 |
| FS Hisoy | HS 34A22 | RR2Y | 3.4 | R | CMB | 44.6 | 9.2 | 1 | 148.7 | \$758 |
| FS Hisoy | HS 37A22 | RR2Y | 3.7 | R | CMB | 44.0 | 9.4 | 1 | 132.0 | \$749 |
| LG Seeds | C3666R2 | RR2Y,STS | 3.6 | R | Ac | 44.0 | 9.3 | 1 | 167.3 | \$748 |
| FS Hisoy | HS 35A22 | RR2Y,STS | 3.5 | R | CMB | 43.9 | 9.2 | 1 | 117.1 | \$746 |
| FS Hisoy | HS 38A02 | RR2Y | 3.8 | R | CMB | 43.8 | 9.6 | 1 | 150.5 | \$744 |
| Kruger | K2-3902 | RR2Y | 3.9 | R | Ac,PV | 43.6 | 9.4 | 1 | 165.4 | \$741 |
| LG Seeds | C3989R2 | RR2Y | 3.8 | R | Ac | 43.3 | 9.5 | 1 | 195.1 | \$736 |
| Asgrow | AG3731 § | RR2Y | 3.7 | R | Ac,PV | 43.2 | 9.3 | 1 | 161.7 | \$734 |
| Kruger | K2-3402 | RR2Y | 3.4 | R | Ac,PV | 43.1 | 9.1 | 1 | 128.2 | \$733 |
| Kruger | K2-3802 | RR2Y | 3.8 | R | Ac,PV | 42.7 | 9.5 | 1 | 139.4 | \$725 |
| LG Seeds | C3890R2 | RR2Y | 3.8 | R | Ac | 42.0 | 9.5 | 1 | 176.6 | \$714 |
| Lewis | 412R2 | RR2Y | 4.1 | R | Ac,PV | 41.6 | 9.6 | 1 | 115.2 | \$708 |
| Lewis | 383R2 | RR2Y | 3.8 | R | Ac,PV | 41.4 | 9.2 | 1 | 145.0 | \$704 |
| NK Brand | S36-M8 | RR2Y | 3.6 | R | CMB | 41.2 | 9.5 | 1 | 159.8 | \$701 |
| Pioneer | 93Y82 § | RR | 3.8 | R | None | 40.9 | 9.3 | 1 | 163.6 | \$695 |
| Kruger | K2-3803 | RR2Y | 3.8 | R | Ac,PV | 39.8 | 9.2 | 1 | 152.4 | \$677 |
| NK Brand | S35-T9 | RR | 3.5 | R | CMB | 37.2 | 9.3 | 1 | 165.4 | \$632 |
| Test Average = | | | | | | 43.5 | 9.4 | 1 | 151.0 | \$740 |
| LSD (0.10) = | | | | | | 2.3 | 0.2 | ns | | |
| C.V. = | | | | | | 3.9 | 1.7 | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: *This was a really good uniform location. There was a shortage of rainfall in June & July, but yields were fairly surprising. Plants heights ranged from 24-36" tall, and all varieties were standing perfectly. I could not find any diseases present at the time of harvest. Steve commented that the field around the plot averaged around 40 bu/ac.*

Lat: 40.57506, Long: -91.77985

Yield & Income Factors: Base Moisture = 13% Shrink = 1.0 Drying = \$0.000 Price = \$17.00

† 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

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/4/2012 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 Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmaxx® 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®, VPMmaxx® 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 | Acceleron® 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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