

**2012 BETTER VARIETIES Harvest Report for Missouri Northwest [ MONW ]**

Brian Kessel, Decatur County, IA 50140 [ LAMONI ]

**ALL SEASON TEST**

3.4 - 4.1 MAT. GROUP

PREV. CROP/HERB: Corn / Volley ATZ, Roundup

S2MONW44

SOIL DESCRIPTION: Haig silty clay loam, well drained, non-irrigated

SOIL CONDITIONS: Moderate P, moderate K

15" ROW SPACING

TILLAGE/CULTIVATION: no-till

PEST MANAGEMENT: Roundup

SEEDING - RATE: May 15 170,000 /A

 TOP 24 for **YIELD** of 24 TESTED

HARVESTED - STAND: Oct 7 163,900 /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
Kruger	K2-4102	RR2Y	4.1	R	Ac,PV	<b>48.6</b>	11.2	1	175.2	\$748
NK Brand	S41-J6 §	RR2Y	4.1	R	CMB	<b>48.2</b>	9.9	1	171.3	\$742
Asgrow	AG3432 §	RR2Y	3.4	MR	Ac,PV	47.1	8.6	1	169.3	\$725
NK Brand	S39-U2 §	RR2Y	3.9	R	CMB	47.0	8.9	1	161.3	\$724
Pioneer	93Y82 §	RR	3.8	R	None	46.6	9.0	1	153.3	\$718
Asgrow	AG3731 §	RR2Y	3.7	R	Ac,PV	46.6	9.1	1	149.3	\$718
Kruger	K2-3802	RR2Y	3.8	R	Ac,PV	46.5	9.2	1	145.4	\$716
Stine	40RC32 §	RR2Y	4.0	R	CMB	46.3	9.5	1	187.2	\$713
Lewis	412R2	RR2Y	4.1	R	Ac,PV	45.8	9.6	1	153.3	\$705
Willcross	RY2373N	RR2Y	3.7	R	Ac	45.7	8.7	1	145.4	\$704
Kruger	K2-3804	RR2Y,STS	3.8	R	Ac,PV	45.0	8.5	1	163.3	\$693
Kruger	K2-3701	RR2Y	3.6	R	Ac,PV	44.6	8.4	1	153.3	\$687
LG Seeds	C3989R2	RR2Y	3.8	R	Ac	44.2	9.0	1	159.3	\$681
LG Seeds	C3890R2	RR2Y	3.8	R	Ac	42.8	9.0	1	163.3	\$659
Willcross	RY2363N	RR2Y	3.6	R	CMB	42.3	8.5	1	175.2	\$651
Stine	35RA02 §	RR2Y	3.5	R	CMB	41.8	8.5	1	185.2	\$644
Kruger	K2-3402	RR2Y	3.4	R	Ac,PV	41.0	8.6	1	149.3	\$631
Kruger	K2-3902	RR2Y	3.9	R	Ac,PV	40.3	8.4	1	169.3	\$621
Lewis	383R2	RR2Y	3.8	R	Ac,PV	39.2	8.3	1	175.2	\$604
Stine	37RC82 §	RR2Y	3.7	R	CMB	39.2	8.4	1	159.3	\$604
Merschman	Coolidge 1234 GC	RR2Y	3.4	R	Ac	39.2	8.9	1	159.3	\$604
Kruger	K2-3803	RR2Y	3.8	R	Ac,PV	38.8	8.1	1	175.2	\$598
Pioneer	93Y60 §	RR	3.6	R	None	35.6	7.7	1	173.2	\$548
LG Seeds	C3666R2	RR2Y,STS	3.6	R	Ac	35.5	8.3	1	163.3	\$547
Test Average =						<b>43.2</b>	<b>8.8</b>	<b>1</b>	<b>163.9</b>	<b>\$666</b>
LSD (0.10) =						4.1	0.6	ns		
C.V. =						7.0	5.3			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Brian received very little rain here in July but August rainfall rebounded back to normal levels. Plants were short in height with small pods. Plant tops had pods so dry they were splitting open releasing beans to the ground. The lack of moisture and high heat set the yield potential back. No other problems were observed.*

Lat: 40.59475, Long: -93.94376

Yield &amp; Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.325 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

 Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

AgSCI Copyright 2012

Report Date: 10/10/2012 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	Gaucho®
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

### Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTiVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.