

2012 BETTER VARIETIES Harvest Report for Missouri Northeast [MONE]

Don Hinkle, Macon County, MO 65281 [MACON]

ALL SEASON TEST
3.4 - 4.1 MAT. GROUP

PREV. CROP/HERB: Corn / Degree Xtra, SureStart, Atrazine

S2MONE15

SOIL DESCRIPTION: Vigar loam, moderately drained, non-irrigated

SOIL CONDITIONS: Moderate P, moderate K, 6.6 pH, 2% OM

15" ROW SPACING

TILLAGE/CULTIVATION: conventional w/ fall till

PEST MANAGEMENT: Roundup, Radiant

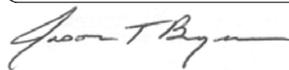
SEEDED - RATE: May 16 160,000 /A

 TOP 27 for **YIELD** of 27 TESTED

HARVESTED - STAND: Oct 2 136,500 /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
LG Seeds	C3890R2	RR2Y	3.8	R	Ac	39.8	9.9	1	135.7	\$677
Kruger	K2-3701	RR2Y	3.6	R	Ac,PV	39.5	9.2	1	156.1	\$672
NK Brand	S34-N3	RR2Y	3.4	MR	CMB	38.5	9.7	1	124.5	\$655
Kruger	K2-3804	RR2Y,STS	3.8	R	Ac,PV	38.5	10.1	1	132.0	\$655
FS Hisoy	HS 34A22	RR2Y	3.4	R	CMB	38.3	9.4	1	137.5	\$651
Asgrow	AG3731 §	RR2Y	3.7	R	Ac,PV	37.9	9.6	1	135.7	\$644
FS Hisoy	HS 37A22	RR2Y	3.7	R	CMB	37.5	9.9	1	124.5	\$638
FS Hisoy	HS 39A12	RR2Y,STS	3.9	R	CMB	37.3	10.2	1	167.2	\$634
LG Seeds	C3666R2	RR2Y,STS	3.6	R	Ac	37.1	9.5	1	167.3	\$631
Kruger	K2-3803	RR2Y	3.8	R	Ac,PV	36.7	9.3	1	133.8	\$624
Kruger	K2-3802	RR2Y	3.8	R	Ac,PV	36.7	10.1	1	118.9	\$624
Stine	37RC82 §	RR2Y	3.7	R	CMB	36.5	9.4	1	126.4	\$621
FS Hisoy	HS 36A12	RR2Y	3.6	R	CMB	36.2	9.5	1	148.7	\$615
FS Hisoy	HS 35A22	RR2Y,STS	3.5	R	CMB	36.1	9.6	1	156.1	\$614
NK Brand	S36-M8	RR2Y	3.6	R	CMB	36.1	10.0	1	104.1	\$614
FS Hisoy	HS 39A22	RR2Y	3.9	R	CMB	35.8	10.1	1	124.5	\$609
NK Brand	S35-T9	RR	3.5	R	CMB	35.7	9.4	1	144.9	\$607
LG Seeds	C3989R2	RR2Y	3.8	R	Ac	35.4	9.5	1	185.9	\$602
Kruger	K2-3902	RR2Y	3.9	R	Ac,PV	34.2	9.5	1	115.2	\$581
Pioneer	93Y82 §	RR	3.8	R	None	33.9	9.6	1	146.8	\$576
NK Brand	S39-U2	RR2Y	3.9	R	CMB	33.8	9.9	1	158.0	\$575
Lewis	412R2	RR2Y	4.1	R	Ac,PV	33.4	10.3	1	94.8	\$568
Kruger	K2-4102	RR2Y	4.1	R	Ac,PV	33.1	10.2	1	128.2	\$563
Kruger	K2-3402	RR2Y	3.4	R	Ac,PV	32.5	9.5	1	100.4	\$553
FS Hisoy	HS 38A22	RR2Y	3.8	R	CMB	32.5	10.1	1	137.5	\$553
FS Hisoy	HS 38A02	RR2Y	3.8	R	CMB	28.4	9.8	1	143.1	\$483
Lewis	383R2	RR2Y	3.8	R	Ac,PV	25.2	9.3	1	137.6	\$428
Test Average =						35.4	9.7	1	136.5	\$602
LSD (0.10) =						3.8	0.4	ns		
C.V. =						7.9	3.3			



F.I.R.S.T. Manager

TEST COMMENTS: *When taking soil samples, noticed that the ground was difficult to probe after the top 3". Seed size was smaller than normal. Plants were short, with the tallest being 26 inches tall. Stems were all standing perfect, but several still had green stems.*
Rain was the limiting factor at this location, and there was no evidence of any disease.

Lat: 39.72699, Long: -92.67934

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

AgSCI Copyright 2012

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	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

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucha®, 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
- Accelaron®, 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.