

2016 Soybean Top 30 Harvest Report

Missouri Northwest [MONW] LINEVILLE

Bradley Vogel, Decatur County, IA 50147



Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Corn / Roundup, atrazine
 SOIL DESCRIPTION: Pershing silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, moderate K, 5.7 pH, 3.1 % OM
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Prefix, Roundup
 SEEDED - RATE - ROW: May 19 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 22 160,000 /A

All-Season Test
Maturity Group 3.4 - 4.3
 S2016MONW62

Top 30 of 36
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	88.0	11.1	40	177.2	\$803
Champion	34R87N GC	RR2Y	3.4	R	AC,PV	84.9	11.0	25	169.3	\$775
LG Seeds	C3911RX	RRX	3.9	R	CCB	83.2	11.3	18	139.4	\$760
Pfister	35R201	RR2Y	3.5	R	CCB	83.2	10.8	27	149.3	\$760
LG Seeds	C4145R2	RR2Y	4.1	R	CCB	82.8	10.7	38	187.2	\$756
Green Valley	GV34X7	RRX	3.4	MR	ACi	82.5	11.2	40	161.3	\$753
Lewis	3872X	RRX	3.8	R	ACi	82.3	11.0	14	167.3	\$751
Green Valley	GV37X6	RRX	3.7	MR	ACi	81.8	11.1	45	157.3	\$747
Asgrow	AG36X6 §	RRX	3.6	R	ACi	81.6	11.1	29	153.3	\$745
LG Seeds	C3550RX GC	RRX	3.5	R	CCB	81.5	11.2	30	159.3	\$744
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	80.8	11.2	41	173.2	\$738
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	80.7	11.0	29	143.4	\$737
Pioneer	P34T07R2 §	RR2Y	3.4	R	EE,G	80.4	10.8	37	165.3	\$734
Pioneer	P35T75X §	RRX	3.5	R	EE,G	80.1	10.7	29	157.3	\$731
Stine	43RE02 §	RR2Y	4.3	R	SFI	80.1	10.9	37	189.2	\$731
Pfister	35R25	RR2Y	3.5	R	CCB	80.1	11.4	40	179.2	\$731
Titan Pro	TP-34X86 GC	RRX	3.4	R	IS	79.5	11.1	40	139.4	\$726
NK Brand	S37-Z8 §	RR2Y	3.7	R	CMBV	79.4	11.4	25	193.2	\$725
Asgrow	AG40X6 §	RRX	4.0	R	ACi	79.4	11.5	27	165.3	\$725
FS HiSoy	HS 34A50 GC	RR2Y	3.4	R	ACi,CI	78.7	11.3	37	129.4	\$719
Dyna-Gro	S35XT97 GC	RRX	3.5	R	CCB	78.6	11.1	33	161.3	\$718
Green Valley	GV36X7	RRX	3.6	MR	ACi	78.6	11.6	36	169.3	\$718
Pfister	39R29	RR2Y	3.9	R	CCB	78.5	10.8	30	155.3	\$717
Dairyland	DSR-3630/R2Y GC	RR2Y	3.6	R	CMB	78.5	10.8	41	157.3	\$717
Pfister	39R201	RR2Y	3.9	R	CCB	78.3	11.2	20	157.3	\$715
Green Valley	GV39X7	RRX	3.9	MR	ACi	77.8	11.5	14	155.3	\$710
Pfister	38R202	RR2Y	3.8	R	CCB	77.6	11.0	33	155.3	\$708
Dairyland	DSR-3434/R2Y GC	RR2Y	3.4	R	CMB	77.5	11.1	49	141.4	\$708
Stine	38RE02 §	RR2Y	3.8	R	SFI	77.4	11.0	36	163.3	\$707
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me	77.3	11.1	45	145.4	\$706

Averages = **79.3** **11.1** **32** **160.0** **\$724**
 LSD (0.10) = 6.7 0.4 14
 LSD (0.25) = 4.7 0.3 10
 C.V. = 6.2 New test site, no yield history

Randy Meinsma

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.037 Prices = \$9.13 GMO; \$9.13 non-GMO

TEST COMMENTS: *This site provided very good plot results. Ideal weather conditions all season produced tall plants (48 to 50 inches) and high yield. Stems were well matured with good pod sets and average seed size. Lodging was confined to upper plant portions. No weed escapes or diseases noted. Brad stated that weather conditions made for very good area yields. Area harvest was delayed by slow soybean dry down.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report Date: 10/25/2016 Revised:

2016 Soybean - Missouri Northwest [MONW]

All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG36X6 §	RRX	3.6	R	ACi
Asgrow	AG38X6 §	RRX	3.8	R	ACi
Asgrow	AG40X6 §	RRX	4.0	R	ACi
Champion	34R87N GC	RR2Y	3.4	R	AC,PV
Dairyland	DSR-3434/R2Y GC	RR2Y	3.4	R	CMB
Dairyland	DSR-3630/R2Y GC	RR2Y	3.6	R	CMB
Dyna-Gro	S35XT97 GC	RRX	3.5	R	CCB
FS HiSoy	HS 34A50 GC	RR2Y	3.4	R	ACi,CI
Green Valley	GV34X7	RRX	3.4	MR	ACi
Green Valley	GV36X7	RRX	3.6	MR	ACi
Green Valley	GV37X6	RRX	3.7	MR	ACi
Green Valley	GV39X7	RRX	3.9	MR	ACi
Lewis	3872X	RRX	3.8	R	ACi
LG Seeds	C3550RX GC	RRX	3.5	R	CCB
LG Seeds	C3911RX	RRX	3.9	R	CCB
LG Seeds	C3989R2	RR2Y	3.8	R	CCB
LG Seeds	C4145R2	RR2Y	4.1	R	CCB
NK Brand	S37-Z8 §	RR2Y	3.7	R	CMBV
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me
Pfister	35R201	RR2Y	3.5	R	CCB
Pfister	35R25	RR2Y	3.5	R	CCB
Pfister	37RS01	RR2Y,ST	3.7	R	CCB
Pfister	38R202	RR2Y	3.8	R	CCB
Pfister	39R201	RR2Y	3.9	R	CCB
Pfister	39R29	RR2Y	3.9	R	CCB
Pfister	41RS01	RR2Y,ST	4.1	R	CCB
Pfister	43R29	RR2Y	4.3	R	CCB
Pioneer	P34T07R2 §	RR2Y	3.4	R	EE,G
Pioneer	P35T75X §	RRX	3.5	R	EE,G
Renk	RS357NX GC	RRX	3.5	R	CMB
Stine	38RE02 §	RR2Y	3.8	R	SFI
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI
Stine	43RE02 §	RR2Y	4.3	R	SFI
Titan Pro	TP-34X86 GC	RRX	3.4	R	IS

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

* Seed treatments may include unspecified plant health promoting components.