

2016 Soybean Top 30 Harvest Report

Missouri Northwest [MONW] GRAHAM

Tim & Andrew Lance, Nodaway County, MO 64423



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

PREV. CROP/HERB: Fallow / Roundup, 2,4-D
 SOIL DESCRIPTION: Sharpsburg silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. low K, 4.9 pH, 2 % OM
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: 2,4-D, Roundup
 SEEDED - RATE - ROW: Jun 2 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 23 159,800 /A

All-Season Test
Maturity Group 3.4 - 4.3
 S2016MONW63

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
Green Valley	GV34X7	RRX	3.4	MR	ACi	67.0	10.1	65	157.3	\$612
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	66.0	9.8	65	169.3	\$603
Green Valley	GV37X6	RRX	3.7	MR	ACi	65.6	9.6	75	181.2	\$599
LG Seeds	C3550RX GC	RRX	3.5	R	CCB	64.8	10.3	62	151.3	\$592
Dairyland	DSR-3434/R2Y GC	RR2Y	3.4	R	CMB	64.6	11.1	70	175.2	\$590
Pfister	37RS01	RR2Y,ST	3.7	R	CCB	63.8	9.8	70	151.3	\$582
Lewis	3872X	RRX	3.8	R	ACi	63.5	10.2	43	163.3	\$580
Asgrow	AG40X6 §	RRX	4.0	R	ACi	63.5	10.5	70	167.3	\$580
Stine	38RE02 §	RR2Y	3.8	R	SFI	63.3	9.9	35	161.3	\$578
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me	63.3	9.4	54	141.4	\$578
NK Brand	S37-Z8 §	RR2Y	3.7	R	CMBV	63.2	9.7	59	173.2	\$577
Pioneer	P34T07R2 §	RR2Y	3.4	R	EE,G	62.8	11.2	51	159.3	\$573
Asgrow	AG38X6 §	RRX	3.8	R	ACi	62.1	9.6	54	167.3	\$567
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	61.6	10.4	70	173.2	\$562
Pioneer	P35T75X §	RRX	3.5	R	EE,G	61.4	9.5	64	177.2	\$561
Champion	34R87N GC	RR2Y	3.4	R	AC,PV	61.1	9.8	48	165.3	\$558
LG Seeds	C3911RX	RRX	3.9	R	CCB	60.9	9.7	54	153.3	\$556
Stine	43RE02 §	RR2Y	4.3	R	SFI	60.8	9.7	70	181.2	\$555
Pfister	35R201	RR2Y	3.5	R	CCB	60.7	9.6	41	157.3	\$554
Pfister	39R201	RR2Y	3.9	R	CCB	60.2	10.3	51	159.3	\$550
FS HiSoy	HS 34A50 GC	RR2Y	3.4	R	ACi,CI	60.1	10.2	51	155.3	\$549
Pfister	41RS01	RR2Y,ST	4.1	R	CCB	60.0	9.4	59	133.4	\$548
Asgrow	AG36X6 §	RRX	3.6	R	ACi	60.0	9.8	65	151.3	\$548
Green Valley	GV36X7	RRX	3.6	MR	ACi	59.8	9.9	50	179.2	\$546
Pfister	39R29	RR2Y	3.9	R	CCB	59.7	9.9	59	147.4	\$545
Green Valley	GV39X7	RRX	3.9	MR	ACi	59.2	9.6	48	149.3	\$540
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	58.6	10.1	50	147.4	\$535
Titan Pro	TP-34X86 GC	RRX	3.4	R	IS	58.4	10.6	59	139.4	\$533
Renk	RS357NX GC	RRX	3.5	R	CMB	57.7	10.2	65	139.4	\$527
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me	57.2	9.5	64	157.3	\$522

Averages = **60.5** **10.0** **58** **159.8** **\$553**

LSD (0.10) = 6.2 ns 20

LSD (0.25) = 4.3 ns 14

C.V. = 7.6 Prev. years avg. yield, 63.0 bu/a, 3 yrs

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

TEST COMMENTS: *This area was very wet during planting season and had to be planted later than most sites. At planting, the soil condition was very good. At harvest, plant height varied from 40 to 50" which resulted in lodging that made harvest difficult. Pods were small and very dry which shattered easily, spilling small seed at the head. This area received heavy rains this year but good drainage here saved the test.*

† 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: 10/24/2016 Revised:

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. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® 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.