

2017 Soybean Top 30 Harvest Report
 Missouri Central [MOCE] ORCHARD FARM
 Scott Boschert, St. Charles County, MO 63301



PREV. CROP/HERB: Corn / Sure Start II, Atrazine, Tomahawk 5
 SOIL DESCRIPTION: Desioux loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, very high K, 6.6 pH, 2.2% OM, 11.9 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Blanket, Ledger, Tomahawk 5
 APPLIED N-P-K (units): 0-60-90
 SEEDED - RATE - ROW: May 30 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 27 125,400 /A

All-Season Test
Maturity Group 3.6 - 4.5
 S2017MOCE04

Top 30 of 54
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Champion	39L15N	LL	3.9	R	79.9	11.8	2	121.0	\$719	1
FS HiSoy	HS 37X70	RRX	3.7	R	78.6	11.7	5	120.0	\$707	2
Bayer	CZ4222LL	LL	4.2	MR	78.6	11.8	6	124.5	\$707	3
Pfister	37RS01	RR2Y,ST	3.7	R	77.9	11.6	11	122.5	\$701	4
Golden Harvest	GH4307X §	RRX	4.3	R	77.5	11.8	8	131.4	\$698	5
Asgrow	AG43X7 §	RRX,ST	4.3	R	76.0	11.8	14	131.9	\$684	6
MorSoy	MS3907RXT	RRX	3.9	R	75.9	11.6	2	129.4	\$683	7
Golden Harvest	GH3761X §	RRX	3.7	R	75.5	11.7	11	128.9	\$680	8
Golden Harvest	GH3982X	RRX	3.9	R	75.3	11.7	7	120.0	\$678	9
AgriGold	G3980RX	RRX	3.9	R	75.2	11.7	1	126.4	\$677	10
Champion	40X98N	RRX	4.0	R	74.8	11.7	1	122.0	\$673	11
MorSoy	MS3747RXT	RRX	3.7	R	74.7	11.7	7	132.9	\$672	12
Asgrow	AG39X7 §	RRX,ST	3.9	R	74.6	11.7	2	124.5	\$671	13
FS HiSoy	HS 39X70	RRX	3.9	R	74.4	11.6	1	121.0	\$670	14
Lewis	4572X	RRX,ST	4.5	R	74.4	11.7	7	124.5	\$670	15
Champion	39R36N	RR2Y	3.9	R	74.0	11.8	3	121.5	\$666	16
AgriGold	G4024RX	RRX	4.0	R	74.0	11.9	7	125.5	\$666	17
Pioneer	P44T63R §	RR	4.4	R	73.6	11.6	1	125.0	\$662	18
Lewis	4462X	RRX,ST	4.4	R	73.6	11.8	2	120.0	\$662	19
Bayer	CZ3945LL	LL	3.9	R	73.6	11.6	4	124.5	\$662	20
Bayer	CZ4168EXP	BG	4.1	R	73.3	11.8	4	124.0	\$660	21
Pfister	36R207	RR2Y	3.6	R	73.2	11.7	2	127.9	\$659	22
Bayer	CZ3601LL	LL	3.6	R	73.2	11.6	5	126.4	\$659	23
Champion	45X78N	RRX	4.5	R	73.0	11.7	3	124.5	\$657	24
Pioneer	P38T42R §	RR	3.8	R	73.0	11.5	7	132.4	\$657	25
Lewis	3682X	RRX	3.6	R	72.9	11.6	3	131.4	\$656	26
MorSoy	MS4327RXT	RRX	4.3	R	72.2	11.8	5	120.0	\$650	27
Lewis	3872X	RRX	3.8	R	72.1	11.6	1	120.5	\$649	28
AgriGold	G3712RX	RRX	3.7	R	72.1	11.6	5	120.0	\$649	29
AgriGold	G4440RX	RRX,ST	4.4	R	72.0	11.8	7	126.9	\$648	30

William C. Schelp

William (Bill) Schelp
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Averages =	72.3	11.7	5	125.4	\$651
LSD (0.10) =	5.4	0.7	5.3		
LSD (0.25) =	2.9	0.4	2.8		
C.V. =	7.2				

New test site, no yield history

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: Site was planted in good soil conditions. Receiving a nice gentle rain just after preemergence herbicide application. No weed pressure all season long. Very minimal handweeding with no post-herbicide needed. Scott commented that his field surrounding the trial only required a spot treatment post-herbicide application. No disease observed. Very clean, uniform trial at harvest.

† 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: 10/29/2017 Revised:

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All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G3690RX	RRX	3.6	R	ASfi,IL	Pfister	37RS01	RR2Y,ST	3.7	R	CCB
AgriGold	G3712RX	RRX	3.7	R	ASfi,IL	Pfister	39R201	RR2Y	3.9	R	CCB
AgriGold	G3830RX	RRX	3.8	R	ASfi,IL	Pfister	41RS02	RR2Y,ST	4.1	R	CCB
AgriGold	G3980RX	RRX	3.9	R	ASfi,IL	Pioneer	P36T86R §	RR	3.6	R	EE,G,IL
AgriGold	G4024RX	RRX	4.0	R	CMBV,IL	Pioneer	P38T42R §	RR	3.8	R	EE,G,IL
AgriGold	G4440RX	RRX,ST	4.4	R	CMBV,IL	Pioneer	P44T63R §	RR	4.4	R	EE,G,IL
Asgrow	AG36X6 §	RRX	3.6	R	ACi	Stine	38RE02 §	RR2Y,ST	3.8	R	SFI
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi	Stine	40RF22 §	RR2Y	4.0	R	SFI
Asgrow	AG43X7 §	RRX,ST	4.3	R	ACi	Stine	43RE02 §	RR2Y	4.3	R	SFI
Bayer	CZ3601LL	LL	3.6	R	EE,IL,PV						
Bayer	CZ3841LL	LL	3.8	R	EE,IL,PV						
Bayer	CZ3945LL	LL	3.9	R	EE,IL,PV						
Bayer	CZ4105LL	LL	4.1	R	EE,IL,PV						
Bayer	CZ4168EXP	BG	4.1	R	EE,IL,PV						
Bayer	CZ4222LL	LL	4.2	MR	EE,IL,PV						
Champion	39L15N	LL	3.9	R	EL						
Champion	39R36N	RR2Y	3.9	R	EL						
Champion	40X98N	RRX	4.0	R	ELV						
Champion	45X78N	RRX	4.5	R	EL						
Frontier Seed	4FR10	RR	4.1	R	Wr,PV,IL						
Frontier Seed	4x5	RR	4.5	R	Wr,PV,IL						
FS HiSoy	HS 37X70	RRX	3.7	R	ACi, IL						
FS HiSoy	HS 39X70	RRX	3.9	R	ACi, IL						
FS HiSoy	HS 41X70	RRX,ST	4.1	R	ACi, IL						
FS HiSoy	HS 42X50	RRX	4.2	R	ACi, IL						
FS HiSoy	HS 43X60	RRX,ST	4.3	R	ACi, IL						
FS HiSoy	HS 44X60	RRX,ST	4.4	R	ACi, IL						
Golden Harvest	GH3761X §	RRX	3.7	R	CCB,Me						
Golden Harvest	GH3982X	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4142X	RRX	4.1	R	CCB,Me						
Golden Harvest	GH4307X §	RRX	4.3	R	AVBV,Me						
Golden Harvest	GH4542X	RRX	4.5	R	CCB,Me						
Lewis	3682X	RRX	3.6	R	ACi						
Lewis	3872X	RRX	3.8	R	ACi						
Lewis	4161X	RRX	4.1	MR	ACi						
Lewis	4182X	RRX,ST	4.1	R	ACi						
Lewis	4272X	RRX,ST	4.2	R	ACi						
Lewis	4372X	RRX,ST	4.3	R	ACi						
Lewis	4462X	RRX,ST	4.4	R	ACi						
Lewis	4572X	RRX,ST	4.5	R	ACi						
MorSoy	MS3747RXT	RRX	3.7	R	CMBV						
MorSoy	MS3907RXT	RRX	3.9	R	CMBV						
MorSoy	MS4327RXT	RRX	4.3	R	CMBV						
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me						
Pfister	36R207	RR2Y	3.6	R	CMBV						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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

BG	Balance [™] GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

?	information unavailable	Gr+	Great Start [™] Max Plus
A2020	Alert 2020 [™]	I	insecticide
AC	Acceleron [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego [™] Solo
AG	ArmourGuard [™]	IS	Intego [™] Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard [™]
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST [™] (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass [™] Plus F/I
CCB	Clariva [™] Complete Beans	None	untreated
CI	Clariva [™] pn	Pd	proTect D [™]
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I [™]
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard + [™]
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance [™] ST	PV	Poncho [®] /Votivo [®]
DX	Defend [™] Extra	SDPI	Servo [™] DPI
EcTC	Eclipse [™] US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol [™] Energy	SS	Soyshield [™]
EL	Elevate [™] F+I	SS+	Soyshield Plus [™]
ELV	Elevate [™] VIP (F+I+N)	SStd	SureStand [™]
En	Encase [®]	TE	Trius Elite [™]
EQV	Equity [®] VIP	TT	Turbo Treat [™]
Es	Escalate [™]	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaicho [®]	YPP	YP Pro [™]

* Seed treatments may include unspecified plant health promoting components.