

2018 Soybean Top 30 Harvest Report
 Missouri Central [MOCE] CONCORDIA
 Benjamin Lange, Lafayette County, MO 64020



PREV. CROP/HERB: Corn / Armezon, atrazine
 SOIL DESCRIPTION: Marshall silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Low P, very high K, 7.8 pH, 2.7% OM, 16.1 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: PP = Prowl H2O; Pre = Liberty, Sonic, Zidua, Select Max; Post = Prefix
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 16 140,000 /A 30" Spacing
 HARVESTED - STAND: Nov 19 128,900 /A

All-Season Test
Maturity Group 3.5 - 4.6
 S2018MOCE01

Top 30 of 63
 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
FS HiSoy	HS 41X70	RRX,ST	4.1	R	43.7	11.2	1	137.5	\$350	1
NK Brand	S39-P5X	RRX	3.9	R	42.6	11.2	1	137.5	\$341	2
Credenz	CZ3738LL	LL	3.7	MR	41.1	11.3	1	120.0	\$329	3
Pioneer	P42A52X §	RRX	4.2	R	40.7	10.5	2	139.4	\$326	4
LG Seeds	C4227RX	RRX,ST	4.2	R	40.6	11.3	1	131.6	\$325	5
Lewis	3872X	RRX	3.8	R	40.6	11.4	1	139.4	\$325	6
Lewis	4091X	RRX	4.0	R	40.1	10.6	1	129.7	\$321	7
Champion	38X97N	RRX	3.8	R	39.9	10.8	3	110.4	\$319	8
Asgrow	AG46X6 §	RRX	4.6	R	39.5	11.0	2	127.8	\$316	9
Golden Harvest	GH3982X §	RRX	3.9	R	39.4	11.0	1	129.7	\$315	10
Lewis	4572X	RRX,ST	4.5	R	39.0	11.3	1	131.6	\$312	11
Credenz	CZ3945LL	LL	3.9	R	38.7	10.7	1	133.6	\$310	12
Lewis	4272X	RRX,ST	4.2	R	38.5	10.6	1	129.7	\$308	13
Champion	42XS39N	RRX,ST	4.2	R	38.3	11.2	1	131.6	\$306	14
Stine	45RI02 §	RR2Y	4.5	R	38.1	11.3	1	131.6	\$305	15
Lewis	4393X	RRX,ST	4.3	R	37.9	11.2	1	127.8	\$303	16
FS HiSoy	HS 35X80	RRX	3.5	R	37.6	10.7	1	129.7	\$301	17
FS HiSoy	HS 39X70	RRX	3.9	R	37.5	11.3	1	125.8	\$300	18
Champion	39L15N	LL	3.9	R	37.2	11.2	1	135.5	\$298	19
AgriGold	G3830RX	RRX	3.8	R	37.1	10.7	1	139.4	\$297	20
Champion	40X98N	RRX	4.0	R	37.1	11.1	1	129.7	\$297	21
Credenz	CZ3601LL	LL	3.6	R	36.9	11.3	1	127.8	\$295	22
Golden Harvest	GH4240XS §	RRX,ST	4.2	R	36.3	10.7	1	125.8	\$290	23
AgriGold	G3980RX	RRX	3.9	R	35.7	11.2	1	139.4	\$286	24
NK Brand	S43-V3X	RRX	4.3	R	35.6	10.7	2	131.6	\$285	25
LG Seeds	C3985RX	RRX	3.9	R	35.5	10.5	1	120.0	\$284	26
Dyna-Gro	S41XS98	RRX,ST	4.1	R	35.4	10.6	1	133.6	\$283	27
Asgrow	AG43X7 §	RRX,ST	4.3	R	35.4	10.6	1	139.4	\$283	28
FS HiSoy	HS 46X60	RRX,ST	4.6	R	35.4	11.5	2	133.6	\$283	29
FS HiSoy	HS 45X80	RRX,ST	4.5	R	35.2	10.5	1	137.5	\$282	30

Averages = **35.2** **10.9** **1** **128.9** **\$282**
 LSD (0.10) = 4.3 ns 0.9
 LSD (0.25) = 2.2 ns 0.5
 C.V. = 11.5

William C. Schelp

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New test site, no yield history

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

TEST COMMENTS: *Planted mid-May into a well drained, clean no-till seedbed. Record May warmth led directly into a hot and very dry June, July, and August. Ben, our host farmer, mentioned that his less well-drained soils provided better yields on this farm this year. At harvest, seed quality was poor due to wet adverse environmental conditions and diseases. Substantial Ceroaspera purple seed stain was observed here.*

† 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: 11/20/2018 Revised:

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All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G3830RX	RRX	3.8	R	ASfi,IL
AgriGold	G3980RX	RRX	3.9	R	ASfi,IL
AgriGold	G4190RX	RRX,ST	4.1	R	ASfi,IL
AgriGold	G4440RX	RRX,ST	4.4	R	ASfi,IL
Asgrow	AG41X8 §	RRX,ST	4.1	R	AC,PV
Asgrow	AG43X7 §	RRX,ST	4.3	R	AC,PV
Asgrow	AG46X6 §	RRX	4.6	R	AC,PV
Champion	35L07N	LL	3.5	R	EL
Champion	35X78N	RRX	3.5	R	EL
Champion	38X97N	RRX	3.8	R	EL+
Champion	39L15N	LL	3.9	R	EL
Champion	40X98N	RRX	4.0	R	EL
Champion	42XS39N	RRX,ST	4.2	R	EL
Champion	43L18N	LL	4.3	R	EL
Champion	45XS78N	RRX,ST	4.5	R	EL
Credenz	CZ3548LL	LL	3.5	MR	EE,PV,IL
Credenz	CZ3601LL	LL	3.6	R	EE,PV,IL
Credenz	CZ3738LL	LL	3.7	MR	EE,PV,IL
Credenz	CZ3841LL	LL	3.8	R	EE,PV,IL
Credenz	CZ3945LL	LL	3.9	R	EE,PV,IL
Credenz	CZ4222LL	LL	4.2	MR	EE,PV,IL
Credenz	CZ4308LL	LL	4.3	MR	EE,PV,IL
Credenz	CZ4649LL	LL	4.6	R	EE,PV,IL
Dyna-Gro	S41XS98	RRX,ST	4.1	R	EQV,CI
Dyna-Gro	S43XS27	RRX,ST	4.3	R	EQV,CI
FS HiSoy	HS 35X80	RRX	3.5	R	ACi,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 43X60	RRX,ST	4.3	R	ACi,IL
FS HiSoy	HS 45X80	RRX,ST	4.5	R	ACi,IL
FS HiSoy	HS 46X60	RRX,ST	4.6	R	ACi,IL
Golden Harvest	GH3475X	RRX	3.4	R	CCB,Me
Golden Harvest	GH3546X	RRX	3.5	R	CCB,Me
Golden Harvest	GH3980L	LL	3.8	MR	CCB,Me
Golden Harvest	GH3982X §	RRX	3.9	R	CCB,Me
Golden Harvest	GH4240XS §	RRX,ST	4.2	R	CCB,Me
Great Heart	GT-3711XS	RRX,ST	3.7	R	Gr+
Great Heart	GT-404CLL	LL	4.0	R	Gr+
Great Heart	GT-4231XS	RRX,ST	4.2	R	Gr+
Lewis	3682X	RRX	3.6	R	AC,PV
Lewis	3792X	RRX	3.7	R	AC,PV
Lewis	3872X	RRX	3.8	R	AC,PV
Lewis	4091X	RRX	4.0	R	AC,PV
Lewis	4182X	RRX,ST	4.1	R	AC,PV

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Lewis	4272X	RRX,ST	4.2	R	AC,PV
Lewis	4393X	RRX,ST	4.3	R	AC,PV
Lewis	4572X	RRX,ST	4.5	R	AC,PV
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL
LG Seeds	C4227RX	RRX,ST	4.2	R	ASfi,IL
LG Seeds	LGS3777RX	RRX	3.7	R	ASfi,IL
NK Brand	S35-K9X §	RRX	3.5	R	CCB,Me
NK Brand	S36-J9L GC	LL	3.6	R	CCB,Me
NK Brand	S38-M3L	LL	3.8	MR	CCB,Me
NK Brand	S39-P5X	RRX	3.9	R	CCB,Me
NK Brand	S41-T4L	LL	4.1	R	CCB,Me
NK Brand	S43-V3X	RRX	4.3	R	CCB,Me
Pioneer	P38A98X §	RRX	3.8	R	None
Pioneer	P40A47X §	RRX	4.0	R	None
Pioneer	P42A52X §	RRX	4.2	R	EE,G,IL,Lu
Stine	38LE02 §	LL	3.8	R	SFI,IL
Stine	41LF32 §	LL	4.1	R	SFI
Stine	45RI02 §	RR2Y	4.5	R	SF

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
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 not provided	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
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

* Seed treatments may include unspecified plant health promoting components.