

2018 Soybean Top 30 Harvest Report

Kansas East Central [KSEC] LOUISBURG
Les Stuteville, Miami County, KS 66013



Test by: Agri Seed Research, LLC, Louisburg, KS

PREV. CROP/HERB: Corn / Dual II Magnum, atrazine, 2,4-D
SOIL DESCRIPTION: Grundy silt loam, non-irrigated
SOIL CONDITIONS: Low P, low K, 5.9 pH, 5.3% OM, 14.9 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Sharpen, Sencor, 2,4-D, Dual, Pronto
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: Jun 10 150,000 /A 30" Spacing
HARVESTED - STAND: Nov 17 138,900 /A

All-Season Test
Maturity Group 3.7 - 4.7
S2018KSEC02

Top 30 of 36

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
Lewis	4091X	RRX	4.0	R	57.2	13.8	0	141.1	\$434	1
Asgrow	AG41X8 §	RRX,ST	4.1	R	56.2	13.5	0	137.7	\$427	2
AgriGold	G4190RX	RRX,ST	4.1	R	55.6	13.3	0	139.4	\$422	3
Golden Harvest	GH4542X §	RRX	4.5	R	55.3	13.4	0	141.1	\$420	4
Asgrow	AG46X6 §	RRX	4.6	R	55.3	13.4	0	142.7	\$420	5
LG Seeds	C4227RX	RRX,ST	4.2	R	55.1	13.0	0	139.4	\$419	6
Hefty	H42X9	RRX	4.2	MR	55.1	13.2	0	142.7	\$419	7
Rob-See-Co	Innotech IS4236^	RR2Y	4.2	R	55.0	13.8	0	136.1	\$417	8
Renk	RS398NX	RRX	3.9	R	54.8	13.6	0	139.4	\$416	9
AgriGold	G4750RX	RRX,ST	4.7	R	54.8	13.6	0	139.4	\$416	10
AgriGold	G3830RX	RRX	3.8	R	54.5	13.5	0	141.1	\$414	11
LG Seeds	C4710RX	RRX,ST	4.7	R	54.1	13.4	0	137.7	\$411	12
Lewis	4691X	RRX,ST	4.6	R	54.1	13.5	0	139.4	\$411	13
Dyna-Gro	S43XS27	RRX,ST	4.3	R	54.0	13.3	0	136.1	\$410	14
Stine	45RI02 §	RR2Y	4.5	R	54.0	13.6	0	137.7	\$410	15
Lewis	4182X	RRX,ST	4.1	R	54.0	13.8	0	136.1	\$410	16
Lewis	4272X	RRX,ST	4.2	R	53.6	13.6	0	141.1	\$407	17
LG Seeds	C3985RX	RRX	3.9	R	52.9	13.1	0	142.7	\$402	18
Pioneer	P40A47X	RRX	4.0	R	52.9	13.4	0	139.4	\$402	19
LG Seeds	LGS3777RX	RRX	3.7	R	52.9	13.5	0	139.4	\$402	20
Pioneer	P38T20X	RRX	3.8	R	52.8	13.5	0	139.4	\$401	21
Dyna-Gro	S41XS98	RRX,ST	4.1	R	52.7	13.4	0	141.1	\$400	22
AgriGold	G4440RX	RRX,ST	4.4	R	52.4	13.0	0	136.1	\$398	23
Golden Harvest	GH4307X §	RRX	4.3	R	51.4	13.1	0	137.7	\$391	24
Lewis	4572X	RRX,ST	4.5	R	51.3	13.0	0	137.7	\$390	25
Lewis	3792X	RRX	3.7	R	51.1	12.9	0	137.7	\$388	26
Golden Harvest	GH3982X §	RRX	3.9	R	50.6	13.4	0	139.4	\$384	27
Stine	47RI02 §	RR2Y	4.7	R	50.1	13.4	0	136.1	\$380	28
Renk	RS379NX	RRX	3.7	R	49.4	13.1	0	136.1	\$375	29
Lewis	4881X	RRX,ST	4.7	R	49.4	13.4	0	139.4	\$375	30

Averages = 52.4 13.4 0 138.9 \$398

LSD (0.10) = 2.7 0.1 ns

LSD (0.25) = 1.4 0.1 ns

C.V. = 4.9 Prev. years avg. yield, 48.4 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$7.60 GMO; \$7.60 non-GMO

TEST COMMENTS: This location was planted into a clean, moist seedbed and emerged great. May, June and July brought hot and dry weather. A couple showers here around July 4 were missed at most places. August and September brought rain and cooler temps. Growing season rainfall was 5" below normal. Plants were short with 5 to 7 pods per node. Precipitation (17") from Oct 1 to Nov 13 delayed 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: 11/19/2018 Revised:

2018 Soybean - Kansas East Central [KSEC]

All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G3830RX	RRX	3.8	R	ASfi,IL						
AgriGold	G4190RX	RRX,ST	4.1	R	ASfi,IL						
AgriGold	G4440RX	RRX,ST	4.4	R	ASfi,IL						
AgriGold	G4750RX	RRX,ST	4.7	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						
Dyna-Gro	S41XS98	RRX,ST	4.1	R	EQV,Ci						
Dyna-Gro	S43XS27	RRX,ST	4.3	R	EQV,Ci						
Dyna-Gro	S46XS87	RRX,ST	4.6	R	EQV,Ci						
Golden Harvest	GH3982X §	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4307X §	RRX	4.3	R	CCB,Me						
Golden Harvest	GH4542X §	RRX	4.5	R	CCB,Me						
Hefty	H37X8S	RRX,ST	3.7	MR	DST						
Hefty	H42X9	RRX	4.2	MR	DST						
Hefty	H45X8S	RRX,ST	4.5	MR	None						
Lewis	3792X	RRX	3.7	R	AC,PV						
Lewis	4091X	RRX	4.0	R	AC,PV						
Lewis	4182X	RRX,ST	4.1	R	AC,PV						
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						
Lewis	4691X	RRX,ST	4.6	R	AC,PV						
Lewis	4881X	RRX,ST	4.7	R	AC,PV						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
LG Seeds	C4227RX	RRX,ST	4.2	R	ASfi,IL						
LG Seeds	C4710RX	RRX,ST	4.7	R	ASfi,IL						
LG Seeds	LGS3777RX	RRX	3.7	R	ASfi,IL						
Pioneer	P38T20X	RRX	3.8	R	EE,G,IL,Lu						
Pioneer	P40A47X	RRX	4.0	R	EE,G,IL,Lu						
Renk	RS379NX	RRX	3.7	R	EcTC						
Renk	RS398NX	RRX	3.9	R	EcTC						
Rob-See-Co	Innotech IS3990^	RR2Y	3.9	R	CMBV						
Rob-See-Co	Innotech IS4236^	RR2Y	4.2	R	CMBV						
Stine	45RI02 §	RR2Y	4.5	R	SF						
Stine	47RI02 §	RR2Y	4.7	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.