

2018 Soybean Top 30 Harvest Report

Kansas East Central [KSEC] LA CYGNE

Brad Stainbrook, Linn County, KS 66040



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

PREV. CROP/HERB: Corn / Lexar, atrazine, glyphosate
 SOIL DESCRIPTION: Kenoma silt loam, non-irrigated
 SOIL CONDITIONS: Low P, low K, 5.9 pH, 6.0% OM, 15.5 CEC
 TILLAGE/CULTIVATION: Conventional w/o fall till
 PEST MANAGEMENT: Roundup, Authority XL, Cobra, Vamos
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: Jun 11 150,000 /A 30" Spacing
 HARVESTED - STAND: Nov 22 139,800 /A

All-Season Test
Maturity Group 3.7 - 4.7
 S2018KSEC01

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	4393X	RRX,ST	4.3	R	50.8	12.8	0	139.4	\$386	1
Lewis	4182X	RRX,ST	4.1	R	50.5	12.8	0	142.7	\$384	2
Lewis	3792X	RRX	3.7	R	49.2	13.5	0	144.4	\$373	3
Golden Harvest	GH4542X §	RRX	4.5	R	48.9	13.1	0	141.1	\$372	4
LG Seeds	C3985RX	RRX	3.9	R	48.8	12.9	0	141.1	\$371	5
Golden Harvest	GH3982X §	RRX	3.9	R	48.5	12.8	0	144.4	\$369	6
LG Seeds	C4710RX	RRX,ST	4.7	R	47.8	13.1	0	141.1	\$363	7
Hefty	H45X8S	RRX,ST	4.5	MR	47.4	12.8	0	141.1	\$360	8
Renk	RS379NX	RRX	3.7	R	47.2	12.9	0	141.1	\$359	9
Renk	RS398NX	RRX	3.9	R	46.7	13.1	0	137.7	\$355	10
Golden Harvest	GH4307X §	RRX	4.3	R	46.5	13.1	0	137.7	\$353	11
Pioneer	P38T20X	RRX	3.8	R	46.2	12.9	0	134.4	\$351	12
Lewis	4572X	RRX,ST	4.5	R	46.2	13.0	0	137.7	\$351	13
AgriGold	G4750RX	RRX,ST	4.7	R	46.1	12.9	0	141.1	\$350	14
Hefty	H37X8S	RRX,ST	3.7	MR	46.1	13.2	0	137.7	\$350	15
Pioneer	P40A47X	RRX	4.0	R	46.0	12.8	0	142.7	\$350	16
Lewis	4272X	RRX,ST	4.2	R	45.8	13.1	0	139.4	\$348	17
Asgrow	AG46X6 §	RRX	4.6	R	45.5	13.1	0	141.1	\$346	18
Dyna-Gro	S41XS98	RRX,ST	4.1	R	45.3	12.9	0	139.4	\$344	19
Dyna-Gro	S43XS27	RRX,ST	4.3	R	45.3	13.0	0	141.1	\$344	20
Lewis	4691X	RRX,ST	4.6	R	45.2	12.8	0	139.4	\$344	21
Dyna-Gro	S46XS87	RRX,ST	4.6	R	45.0	13.1	0	142.7	\$342	22
Lewis	4881X	RRX,ST	4.7	R	44.9	12.8	0	139.4	\$341	23
LG Seeds	LGS3777RX	RRX	3.7	R	44.9	13.2	0	136.1	\$341	24
LG Seeds	C4227RX	RRX,ST	4.2	R	44.8	13.0	0	142.7	\$340	25
Hefty	H42X9	RRX	4.2	MR	44.5	13.2	0	136.1	\$338	26
AgriGold	G3830RX	RRX	3.8	R	44.2	12.8	0	137.7	\$336	27
Rob-See-Co	Innotech IS4236^	RR2Y	4.2	R	43.9	13.8	0	146.0	\$333	28
AgriGold	G4440RX	RRX,ST	4.4	R	43.8	12.9	0	137.7	\$333	29
Asgrow	AG41X8 §	RRX,ST	4.1	R	43.2	13.1	0	137.7	\$328	30

Averages = **45.3** **13.0** **0** **139.8** **\$344**

LSD (0.10) = 2.5 0.1 ns

LSD (0.25) = 1.3 0.0 ns

C.V. = 5.3 Prev. years avg. yield, 42.6 bu/a, 5 yrs

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

TEST COMMENTS: *This site was planted into a clean, moist seedbed and plants emerged very uniform. June and July were hot. Plants had stress symptoms in early July. In mid-July, the site caught a couple rains that really helped recovery. August and September brought a few timely rains. Plants were tall and stood well with great weed control. Harvest was delayed by 16+ inches of rain in October and November.*

† 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: 11/24/2018 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.