

# 2018 Soybean Top 30 Harvest Report

Kansas Northeast [ KSNE ] ONAGA

Travis Greene, Pottawatomie County, KS 66418



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

PREV. CROP/HERB: Soybean / Degree, Hornet, atrazine  
 SOIL DESCRIPTION: Tully silty clay, non-irrigated  
 SOIL CONDITIONS: Medium P, medium K, 5.9 pH, 3.7% OM, 15.1 CEC  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: 2,4-D, Warrant, Prefix  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: Jun 9 150,000 /A 30" Spacing  
 HARVESTED - STAND: Nov 17 137,100 /A

**All-Season Test**  
**Maturity Group 3.4 - 4.4**  
 S2018KSNE06

## Top 30 of 45

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
Dyna-Gro	S39XT68	RRX	3.9	R	31.9	12.9	0	139.4	\$242	1
LG Seeds	C3985RX	RRX	3.9	R	30.8	12.6	0	132.8	\$234	2
Lewis	4272X	RRX,ST	4.2	R	30.3	12.7	0	137.7	\$230	3
Golden Harvest	GH3982X §	RRX	3.9	R	30.0	12.6	0	139.4	\$228	4
AgriGold	G3980RX	RRX	3.9	R	29.9	12.6	0	136.1	\$227	5
Lewis	3792X	RRX	3.7	R	29.4	12.7	0	136.1	\$223	6
Hefty	H34X7	RRX	3.4	MR	29.1	12.5	0	134.4	\$221	7
Hefty	H42X9	RRX	4.2	MR	28.6	12.9	0	134.4	\$217	8
LG Seeds	LGS3357RX	RRX	3.3	R	28.5	12.7	0	137.7	\$217	9
Pioneer	P40A47X §	RRX	4.0	R	28.0	12.7	0	137.7	\$213	10
Rob-See-Co	Innotech IS4236^ §	RR2Y	4.2	R	27.8	12.7	0	137.7	\$211	11
Golden Harvest	GH4240XS	RRX,ST	4.2	R	27.7	12.6	0	134.4	\$211	12
Lewis	3682X	RRX	3.6	R	27.6	12.7	0	139.4	\$210	13
Hefty	H35X8	RRX	3.5	MR	27.2	12.8	0	137.7	\$207	14
Hefty	H37X8S	RRX,ST	3.7	MR	27.1	12.6	0	136.1	\$206	15
AgriGold	G3722RX	RRX,ST	3.7	R	26.9	12.6	0	136.1	\$204	16
Asgrow	AG44X6 §	RRX	4.4	R	26.9	12.7	0	137.7	\$204	17
Renk	RS379NX	RRX	3.7	R	26.8	12.9	0	136.1	\$204	18
Golden Harvest	GH3546X §	RRX	3.5	R	26.7	12.4	0	136.1	\$203	19
Armor	42-D27	RRX,ST	4.2	R	26.7	12.7	0	132.8	\$203	20
LG Seeds	LGS3777RX	RRX	3.7	R	26.7	12.8	0	139.4	\$203	21
LG Seeds	C4227RX	RRX,ST	4.2	R	26.6	12.6	0	139.4	\$202	22
Pioneer	P38T20X §	RRX	3.8	R	26.6	12.6	0	136.1	\$202	23
Asgrow	AG41X8 §	RRX,ST	4.1	R	26.6	12.7	0	137.7	\$202	24
Dyna-Gro	S41XS98	RRX,ST	4.1	R	26.6	12.7	0	137.7	\$202	25
Rob-See-Co	Innotech IS3626^	RR2Y	3.6	R	26.5	12.7	0	139.4	\$201	26
Lewis	4372X	RRX,ST	4.3	R	26.4	13.2	0	139.4	\$201	27
Armor	44-D51	RRX	4.4	R	26.3	12.8	0	137.7	\$200	28
Armor	44-D40	RRX,ST	4.4	R	26.2	12.9	0	139.4	\$199	29
Armor	39-D39	RRX	3.9	R	25.7	12.8	0	139.4	\$195	30

Averages = 26.8 12.8 0 137.1 \$204

LSD (0.10) = 1.7 0.2 ns

LSD (0.25) = 0.9 0.1 ns

C.V. = 6.1

Prev. years avg. yield, 53.8 bu/a, 1 yr

**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 seedbed. Plants emerged quick due to warm weather. June, July and August brought hot, dry weather. A few September rains did fall on this site. Plants were short but standing well. Harvest was delayed due to persistent October rains. Weed control was very good.

† 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 Northeast [ KSNE ]**

**All-Season Test Products (45 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G3722RX	RRX,ST	3.7	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						
Armor	39-D39	RRX	3.9	R	DX						
Armor	42-D27	RRX,ST	4.2	R	DX						
Armor	44-D40	RRX,ST	4.4	R	DX						
Armor	44-D51	RRX	4.4	R	DX						
Asgrow	AG36X6 §	RRX	3.6	R	AC,PV						
Asgrow	AG39X7 §	RRX,ST	3.9	R	AC,PV						
Asgrow	AG41X8 §	RRX,ST	4.1	R	AC,PV						
Asgrow	AG44X6 §	RRX	4.4	R	None						
Dyna-Gro	S39XT68	RRX	3.9	R	EQV,Ci						
Dyna-Gro	S41XS98	RRX,ST	4.1	R	EQV,Ci						
Golden Harvest	GH3546X §	RRX	3.5	R	CCB,Me						
Golden Harvest	GH3982X §	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4240XS	RRX,ST	4.2	R	CCB,Me						
Golden Harvest	GH4307X §	RRX	4.3	R	CCB,Me						
Hefty	H34X7	RRX	3.4	MR	DST						
Hefty	H35X8	RRX	3.5	MR	DST						
Hefty	H37X8S	RRX,ST	3.7	MR	DST						
Hefty	H42X9	RRX	4.2	MR	DST						
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						
Lewis	4272X	RRX,ST	4.2	R	AC,PV						
Lewis	4372X	RRX,ST	4.3	R	AC,PV						
Lewis	4393X	RRX,ST	4.3	R	AC,PV						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
LG Seeds	C4227RX	RRX,ST	4.2	R	ASfi,IL						
LG Seeds	LGS3357RX	RRX	3.3	R	ASfi,IL						
LG Seeds	LGS3777RX	RRX	3.7	R	ASfi,IL						
NuPride Genetics	NGN8341GT/STS §	RR,ST	3.4	R	None						
NuPride Genetics	NGN8381GT §	RR	3.8	R	None						
Pioneer	P35T75X §	RRX	3.5	R	EE,G,IL,Lu						
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 IS3423^	RR2Y	3.4	MR	CMBV						
Rob-See-Co	Innotech IS3626^	RR2Y	3.6	R	CMBV						
Rob-See-Co	Innotech IS3990^	RR2Y	3.9	R	CMBV						
Rob-See-Co	Innotech IS4236^ §	RR2Y	4.2	R	CMBV						

## 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.