

## 2018 Soybean Top 30 Harvest Report

Kansas Northeast [ KSNE ] DU BOIS

Scott Farwell, Pawnee County, NE 68345



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

PREV. CROP/HERB: Rye / 2,4-D  
 SOIL DESCRIPTION: Wymore silty clay loam, non-irrigated  
 SOIL CONDITIONS: Low P, medium K, 5.9 pH, 3.9% OM, 14.5 CEC  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: 2,4-D, Authority, Prowl, Cobra  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 28 150,000 /A 30" Spacing  
 HARVESTED - STAND: Nov 2 138,400 /A

**All-Season Test**  
**Maturity Group 3.4 - 4.4**  
 S2018KSNE08

### 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
Lewis	3792X	RRX	3.7	R	<b>63.2</b>	9.9	0	141.1	\$480	1
AgriGold	G4190RX	RRX,ST	4.1	R	<b>62.8</b>	9.9	0	136.1	\$477	2
Armor	44-D51	RRX	4.4	R	<b>62.5</b>	9.9	0	137.7	\$475	3
Pioneer	P40A47X §	RRX	4.0	R	<b>62.2</b>	10.0	0	137.7	\$473	4
Rob-See-Co	Innotech IS4236^ §	RR2Y	4.2	R	<b>62.0</b>	10.0	0	137.7	\$471	5
Golden Harvest	GH3546X §	RRX	3.5	R	<b>61.8</b>	10.0	0	139.4	\$470	6
LG Seeds	LGS3777RX	RRX	3.7	R	<b>61.6</b>	10.0	0	134.4	\$468	7
Lewis	3682X	RRX	3.6	R	<b>61.4</b>	10.1	0	139.4	\$467	8
Asgrow	AG44X6 §	RRX	4.4	R	<b>61.1</b>	9.9	0	136.1	\$464	9
Rob-See-Co	Innotech IS3990^	RR2Y	3.9	R	<b>60.9</b>	10.0	0	137.7	\$463	10
Lewis	3872X	RRX	3.8	R	<b>60.7</b>	9.9	0	137.7	\$461	11
Lewis	4272X	RRX,ST	4.2	R	<b>60.4</b>	10.1	0	139.4	\$459	12
AgriGold	G3980RX	RRX	3.9	R	60.2	9.8	0	139.4	\$458	13
AgriGold	G4440RX	RRX,ST	4.4	R	60.2	9.9	0	136.1	\$458	14
Lewis	4182X	RRX,ST	4.1	R	59.8	9.8	0	139.4	\$454	15
Armor	42-D27	RRX,ST	4.2	R	59.8	10.0	0	136.1	\$454	16
NuPride Genetics	NGN8381GT §	RR	3.8	R	59.6	9.8	0	141.1	\$453	17
Hefty	H34X7	RRX	3.4	MR	59.6	10.0	0	139.4	\$453	18
Renk	RS379NX	RRX	3.7	R	59.4	9.9	0	141.1	\$451	19
Hefty	H35X8	RRX	3.5	MR	59.3	9.9	0	139.4	\$451	20
Dyna-Gro	S39XT68	RRX	3.9	R	59.0	10.0	0	137.7	\$448	21
Asgrow	AG36X6 §	RRX	3.6	R	58.2	10.0	0	139.4	\$442	22
Golden Harvest	GH4307X §	RRX	4.3	R	58.2	10.0	0	136.1	\$442	23
LG Seeds	C3985RX	RRX	3.9	R	57.7	9.8	0	137.7	\$439	24
Hefty	H42X9	RRX	4.2	MR	57.7	10.0	0	134.4	\$439	25
Hefty	H37X8S	RRX,ST	3.7	MR	57.5	9.9	0	137.7	\$437	26
LG Seeds	LGS3357RX	RRX	3.3	R	57.4	9.8	0	136.1	\$436	27
Renk	RS398NX	RRX	3.9	R	57.3	9.9	0	141.1	\$435	28
Lewis	4372X	RRX,ST	4.3	R	57.3	10.1	0	137.7	\$435	29
Pioneer	P38T20X §	RRX	3.8	R	57.0	9.9	0	141.1	\$433	30

Averages = **58.0** **9.9** **0** **138.4** **\$441**

LSD (0.10) = 2.3 0.1 ns

LSD (0.25) = 1.2 0.1 ns

C.V. = 3.8 Prev. years avg. yield, 45.7 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 location was planted into a rye field that had been cut and baled. At planting, there was ample soil moisture and plants emerged quickly due to warmer than normal temps. This site went through a hot, dry June and July. August and September brought some showers. Plants stood well at harvest. Scott, our plot host, said later planted soybeans were yielding more than earlier planted soybeans.*

† 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: 11/06/2018 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.