#### 2018 Soybean Top 30 Harvest Report farmers' independent research of seed technologies Kansas Northeast [KSNE] HOLTON David Royer, Atchison County, KS 66436 Test by: Agri Seed Research, LLC, Louisburg, KS PREV. CROP/HERB: Corn / Corvus, atrazine, 2,4-D SOIL DESCRIPTION: Kennebec sandy clay loam, non-irrigated **All-Season Test** Maturity Group 3.4 - 4.4 Low P, medium K, 5.9 pH, 4.3% OM, 15.3 CEC SOIL CONDITIONS: TILLAGE/CULTIVATION: No-till S2018KSNE05 PEST MANAGEMENT: 2,4-D, glyphosate, Sencor, Clethodium, Prefix Top 30 of 45 APPLIED N-P-K (units): 0-45-30 SEEDED - RATE - ROW: Jun 1 150,000 /A 30" Spacing For Gross Income (Sorted by Yield) Average of (3) Replications HARVESTED - STAND: n/a

				SCN	Yield	Moisture	Lodging	Stand	Gross Ir	ncome
Company/Brand	Product/Brand <sup>+</sup>	Technol. <sup>+</sup>	Mat.	Resist.	Bu/A	%	%	(x 1000)	\$/Acre	Rank

Test abandoned due to severe drought

$\rho$	Averages =	:		
adam	LSD (0.10) =	:		
Adam Stuteville	LSD (0.25) =	:		
adam.stuteville@firstseedtests.com, (913) 206-6080	C.V. =	:	Prev. years avg.	yield, 48.6 bu/a, 4 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 site was lost due to extra	eme drought. June, July o	and August were	hot and dry. This site was 1	3 inches below
normal average rainfall during the growing season. Pl	ants were short and stru	ggled to set pod	s. At harvest, soybeans insid	le the pods were
shriveled and discolored.				
+ See last page for abbreviation descriptions. Results in <b>bold</b> a	ro significantly above test av		) <b>ne</b> = column values not signif	icantly different

 † See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). ns = column values not significantly different.

 Additional reports available at www.firstseedtests.com
 ©2018, all rights reserved by Elite Field Genetics, LLC

 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
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
-	AG41X8 §	RRX,ST	3.9 4.1	R	AC,PV
Asgrow	AG41X8 § AG44X6 §	RRX	4.1	R	None
Asgrow					
Dyna-Gro	S39XT68	RRX	3.9	R	EQV,CI
Dyna-Gro	S41XS98	RRX,ST	4.1 2.5	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	
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
	NGN8341GT/STS §	RR,ST	3.4	R	None
NuPride Genetics		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 <sup>^</sup>	RR2Y	3.9 3.4		CMBV
Rob-See-Co	Innotech IS3626^	RR21		R	CMBV
			3.6		
Rob-See-Co	Innotech IS3990^	RR2Y	3.9	R	CMBV
Rob-See-Co	Innotech IS4236 <sup>^</sup> §	RR2Y	4.2	R	CMBV

## **Footnotes and Abbreviation Descriptions**



### **Brand Footnotes**

^	Innotech <sup>™</sup> brand seed is distributed by Rob-See-Co, LLC. Innotech <sup>™</sup> 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

GT27™
LibertyLink <sup>®</sup>
Conventional, non-GMO
Glyphosate tolerant
Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
Roundup Ready 2 Xtend <sup>®</sup>
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™	Ι	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 +™
Cl	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 <sup>™</sup> 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.