#### 2017 Soybean Top 30 Harvest Report

Kansas East Central [KSEC] STILWELL Bruce Betts, Johnson County, KS 66013



#### **All-Season Test**

Maturity Group 3.7 - 4.7 S2017KSEC03

For Gross Income (Sorted by Yield) Average of (**3**) Replications

Top 30 of 36

PREV. CROP/HERB:	Corn / Lexar,	atrazine			
SOIL DESCRIPTION:	Grundy silt loam, mod. poor drained, non-irrigated				
SOIL CONDITIONS:	Very high P, I	ow K, 6.1 pH, 2.4% ON	<i>I</i> , 17.1 CEC		
TILLAGE/CULTIVATION:	No-till				
PEST MANAGEMENT:	glyphosate, X	tendiMax (burndown),	Prefix		
APPLIED N-P-K (units):	18-46-50				
SEEDED - RATE - ROW:	Jun 12	140,000 /A	30" Spacing		
HARVESTED - STAND:	Nov 11	135,300 /A			

	,			SCN	Yield	Moisture	Lodgina	Stand	Gross Ir	icome
Company/Brand	Product/Brand <sup>+</sup>	Technol.+	Mat.	Resist.	↓ <sub>Bu/A</sub> ↓	%	%	(x 1000)	\$/Acre	Rank
Pioneer	P45T74X §	RRX	4.5	R	54.2	8.6	0	134.4	\$488	1
LG Seeds	C3985RX	RRX	3.9	R	53.2	9.0	0	137.7	\$479	2
Lewis	4182X	RRX,ST	4.1	R	53.1	9.1	0	132.8	\$478	3
Phillips Seed	411NR2Y	RR2Y	4.1	R	52.3	9.5	0	134.4	\$471	4
Phillips Seed	408NR2XS	RRX,ST	4.2	R	51.8	9.3	0	136.1	\$466	5
Stine	45RI02 §	RR2Y	4.5	R	51.6	8.7	0	137.7	\$464	6
Golden Harvest	GH4542X §	RRX	4.5	R	51.5	8.6	0	134.4	\$464	7
Stine	41RH22 §	RR2Y,ST	4.1	R	51.5	8.9	0	132.8	\$464	8
Pioneer	P47T44X §	RRX	4.7	R	51.1	9.2	0	131.1	\$460	9
Renk	RS396NR2	RR2Y	3.9	R	50.9	10.6	0	132.8	\$458	10
Asgrow	AG45X6 §	RRX,ST	4.5	R	50.8	8.7	0	134.4	\$457	11
Renk	RS398NX	RRX	3.9	R	50.8	8.8	0	131.1	\$457	12
AgriGold	G4685RX	RRX,ST	4.6	R	50.8	9.2	0	137.7	\$457	13
Lewis	4272X	RRX,ST	4.2	R	50.6	8.7	0	127.8	\$455	14
Dyna-Gro	S43XS27	RRX,ST	4.3	R	50.4	9.0	0	134.4	\$454	15
AgriGold	G3980RX	RRX	3.9	R	50.0	11.2	0	137.7	\$450	16
LG Seeds	C4710RX	RRX,ST	4.7	R	49.9	9.2	0	134.4	\$449	17
AgriGold	G4440RX	RRX,ST	4.4	R	49.6	8.5	0	136.1	\$446	18
LG Seeds	C3989R2	RR2Y	3.9	R	49.6	9.6	0	136.1	\$446	19
Lewis	4372X	RRX,ST	4.3	R	49.3	8.9	0	139.4	\$444	20
Lewis	4881X	RRX,ST	4.7	R	49.2	9.1	0	134.4	\$443	21
Stine	43RE02 §	RR2Y	4.3	R	49.1	8.6	0	137.7	\$442	22
Asgrow	AG37X8 §	RRX	3.7	R	48.9	9.8	0	136.1	\$440	23
Lewis	3872X	RRX	3.8	R	48.8	9.4	0	132.8	\$439	24
Lewis	4161X	RRX	4.1	MR	48.6	8.9	0	134.4	\$437	25
AgriGold	G4024RX	RRX	4.0	R	47.9	10.0	0	136.1	\$431	26
Dyna-Gro	S46XS87	RRX,ST	4.6	R	47.8	9.0	0	136.1	\$430	27
Lewis	4572X	RRX,ST	4.5	R	47.3	8.5	0	137.7	\$426	28
LG Seeds	C4227RX	RRX,ST	4.2	R	46.9	8.9	0	136.1	\$422	29
NK Brand	S42-P6 §	RR2Y	4.2	R	46.8	9.0	0	136.1	\$421	30
			Av	erages =	49.3	9.1	0	135.3	\$444	
adam	>		LSD	(0.10) =	3.7	0.3	ns			
Adam Stuteville			LSD	(0.25) =	1.9	0.1	ns			
adam.stuteville@firstseedtests.com, (913) 206-6080				C.V. =	7.1		Prev. y	ears avg. yie	eld, 48.1 bi	ı/a, 3 yrs
Yield & Incom	Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO					МО				

**TEST COMMENTS:** Seedlings at this site emerged great and had a very uniform stand. This site had two rain events in excess of 10 inches, one on July 27 and the other on August 21. Total rainfall was 14 inches over 30-year average. Plants were tall and standing well at harvest, with excellent weed control.

 † 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: 11/14/2017
 Revised:



# 2017 Soybean - Kansas East Central [ KSEC ]

## All-Season Test Products (36 Total)

griGold     G       griGold     G       griGold     G       griGold     G       sgrow     A       sgrow     A       sgrow     A       sgrow     A       syrow     A       syrow     A       byna-Gro     S       Solden Harvest     G       Bolden Harvest     G       ewis     4       ewis     4       ewis     4       ewis     4       ewis     4       ewis     4       G Seeds     C       Hillips Seed     4	Product/Brand G3980RX G4024RX G4024RX G4685RX AG45X6 § AG42X6 § AG42X6 § AG45X6 § S43XS27 S46XS87 GH4507X § GH4542X § 3872X 4161X 4182X 4272X 4372X 4462X 44572X 4881X	Technol. RRX RRX,ST RRX,ST RRX RRX RRX,ST RRX,ST RRX RRX RRX RRX RRX RRX RRX RRX RRX RR	Mat.           3.9           4.0           4.4           4.6           3.7           4.2           4.5           4.3           4.5           3.8           4.1           4.1	SCN R R R R R R R R R R R R R M R	CMBV,IL CMBV,IL ACi ACi EQV,CI EQV,CI
AgriGoldGAgriGoldGAgriGoldGAgriGoldGAsgrowAAsgrowAAsgrowADyna-GroSGolden HarvestGGolden HarvestGLewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis5LG SeedsCLG SeedsCLG SeedsCMycogen5NK BrandSPhillips Seed4	G4024RX G4440RX G4685RX AG37X8 § AG42X6 § AG42X6 § S43XS27 S46XS87 GH4307X § GH4542X § 3872X 4161X 4182X 4272X 4372X 4462X 4572X	RRX RRX,ST RRX RRX RRX RRX,ST RRX,ST RRX,ST RRX RRX RRX RRX RRX RRX RRX	4.0 4.4 4.6 3.7 4.2 4.5 4.3 4.6 4.3 4.6 4.3 4.5 3.8 4.1	R R R R R R R R R R R R R	CMBV,IL CMBV,IL ACi ACi EQV,CI EQV,CI EQV,CI AVBV,Me CCB,Me
AgriGoldGAgriGoldGAgriGoldGAsgrowAAsgrowAAsgrowADyna-GroSDolden HarvestGGolden HarvestGLewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis5LG SeedsCLG SeedsCMycogen5NK BrandSPhillips Seed4	G4440RX G4685RX AG37X8 § AG42X6 § AG45X6 § S43XS27 S46XS87 GH4307X § GH4542X § 3872X 4161X 4182X 4272X 4372X 4462X 4572X	RRX,ST RRX RRX RRX,ST RRX,ST RRX,ST RRX RRX RRX RRX RRX RRX RRX RRX	4.4 4.6 3.7 4.2 4.5 4.3 4.6 4.3 4.5 3.8 4.1	R R R R R R R R R R R R	CMBV,IL CMBV,IL ACi ACi EQV,CI EQV,CI EQV,CI AVBV,Me CCB,Me
AgriGold     G       AgriGold     G       Asgrow     A       Asgrow     A       Asgrow     A       Dyna-Gro     S       Dyna-Gro     S       Golden Harvest     G       Golden Harvest     G       Lewis     4       Lewis     5       LG Seeds     C       LG Seeds     C       Mycogen     5       NK Brand     S       Phillips Seed     4	G4685RX AG37X8 § AG42X6 § AG45X6 § S43XS27 S46XS87 GH4307X § GH4542X § 3872X 4161X 4182X 4272X 4372X 4462X 4572X	RRX,ST RRX RRX RRX,ST RRX,ST RRX RRX RRX RRX RRX RRX RRX RRX,ST	4.6 3.7 4.2 4.5 4.3 4.6 4.3 4.5 3.8 4.1	R R R R R R R R R	CMBV,IL ACi ACi EQV,CI EQV,CI AVBV,Me CCB,Me
Asgrow     A       Asgrow     A       Asgrow     A       Dyna-Gro     S       Dyna-Gro     S       Golden Harvest     G       Golden Harvest     G       Lewis     4       Lewis     5       LG Seeds     C       LG Seeds     C       LG Seeds     C       Mycogen     5       NK Brand     S       Phillips Seed     4	AG37X8 § AG42X6 § AG45X6 § S43XS27 S46XS87 GH4307X § GH4542X § 3872X 4161X 4182X 4272X 4372X 4462X 4572X	RRX RRX,ST RRX,ST RRX,ST RRX RRX RRX RRX RRX RRX RRX,ST	3.7 4.2 4.5 4.3 4.6 4.3 4.5 3.8 4.1	R R R R R R R R	ACi ACi EQV,CI EQV,CI AVBV,Me CCB,Me
Asgrow     A       Asgrow     A       Asgrow     A       Dyna-Gro     S       Dyna-Gro     S       Golden Harvest     G       Golden Harvest     G       Lewis     4       Lewis     5       LG Seeds     C       LG Seeds     C       LG Seeds     C       Mycogen     5       NK Brand     S       Phillips Seed     4	AG42X6 § AG45X6 § S43XS27 S46XS87 GH4307X § GH4542X § 3872X 4161X 4182X 4272X 4372X 4372X 4462X 4572X	RRX RRX,ST RRX,ST RRX,ST RRX RRX RRX RRX RRX RRX RRX,ST	4.2 4.5 4.3 4.6 4.3 4.5 3.8 4.1	R R R R R R R R	ACi ACi EQV,CI EQV,CI AVBV,Me CCB,Me
Asgrow       A         Dyna-Gro       S         Dyna-Gro       S         Golden Harvest       G         Golden Harvest       G         Lewis       3         Lewis       4         Lewis       5         LG Seeds       C         LG Seeds       C         LG Seeds       C         Mycogen       5         NK Brand       S         Phillips Seed       4	AG45X6 § S43XS27 S46XS87 GH4307X § GH4542X § 3872X 4161X 4182X 4272X 4372X 4462X 4572X	RRX,ST RRX,ST RRX,ST RRX RRX RRX RRX RRX RRX,ST	4.5 4.3 4.6 4.3 4.5 3.8 4.1	R R R R R	ACi EQV,CI EQV,CI AVBV,Me CCB,Me
Dyna-Gro       S         Dyna-Gro       S         Golden Harvest       G         Golden Harvest       G         Lewis       33         Lewis       4         LG Seeds       C         LG Seeds       C         Mycogen       5         NK Brand       S         Phillips Seed       4	S43XS27 S46XS87 GH4307X § GH4542X § 3872X 4161X 4161X 4182X 4272X 4372X 4462X 4572X	RRX,ST RRX,ST RRX RRX RRX RRX RRX RRX,ST	4.3 4.6 4.3 4.5 3.8 4.1	R R R R R	EQV,CI EQV,CI AVBV,Me CCB,Me
Dyna-Gro     S       Golden Harvest     G       Golden Harvest     G       Lewis     3       Lewis     4       Log Seeds     C       LG Seeds     C       LG Seeds     C       Mycogen     5       NK Brand     S       Phillips Seed     4	S46XS87 GH4307X § GH4542X § 3872X 4161X 4161X 4182X 4272X 4372X 4462X 4572X	RRX,ST RRX RRX RRX RRX RRX,ST	4.6 4.3 4.5 3.8 4.1	R R R R	EQV,CI AVBV,Me CCB,Me
Golden Harvest       G         Golden Harvest       G         Lewis       3         Lewis       4         LG Seeds       C         LG Seeds       C         LG Seeds       C         Mycogen       5         NK Brand       S         Phillips Seed       4	GH4307X § GH4542X § 3872X 4161X 4182X 4272X 4272X 4372X 4462X 4572X	RRX RRX RRX RRX RRX,ST	4.3 4.5 3.8 4.1	R R R	AVBV,Me CCB,Me
Golden HarvestGLewis3Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lo SeedsCLG SeedsCLG SeedsCMycogen5NK BrandSPhillips Seed4	GH4542X § 3872X 4161X 4182X 4272X 4372X 4462X 4572X	RRX RRX RRX RRX,ST	4.5 3.8 4.1	R R	CCB,Me
Lewis3Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4LG SeedsCLG SeedsCLG SeedsCLG SeedsCLG SeedsCNycogen5NK BrandSPhillips Seed4	3872X 4161X 4182X 4272X 4372X 4462X 4572X	RRX RRX RRX,ST	3.8 4.1	R	
Lewis       4         LG Seeds       C         LG Seeds       C         LG Seeds       C         LG Seeds       C         Mycogen       5         NK Brand       S         Phillips Seed       4	4161X 4182X 4272X 4372X 4462X 4572X	RRX RRX,ST	4.1		ACi
Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4LG SeedsCLG SeedsCLG SeedsCLG SeedsCMycogen5NK BrandSPhillips Seed4	4182X 4272X 4372X 4462X 4572X	RRX,ST		MR	
Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4LG SeedsCLG SeedsCLG SeedsCLG SeedsCMycogen5NK BrandSPhillips Seed4	4272X 4372X 4462X 4572X		4.1		ACi
Lewis4Lewis4Lewis4Lewis4Lewis4Lewis4LG SeedsCLG SeedsCLG SeedsCLG SeedsCMycogen5NK BrandSPhillips Seed4	4272X 4372X 4462X 4572X			R	ACi
Lewis       4         Lewis       4         Lewis       4         Lewis       4         Lewis       4         LG Seeds       C         Mycogen       5         NK Brand       S         Phillips Seed       4	4372X 4462X 4572X	1 -	4.2	R	ACi
Lewis     4       Lewis     4       Lewis     4       LG Seeds     C       LG Seeds     C       LG Seeds     C       LG Seeds     C       Mycogen     5       NK Brand     S       Phillips Seed     4	4462X 4572X	RRX,ST	4.3	R	ACi
Lewis     4       Lewis     4       LG Seeds     C       LG Seeds     C       LG Seeds     C       LG Seeds     C       Mycogen     5       NK Brand     S       Phillips Seed     4	4572X	RRX,ST	4.4	R	ACi
Lewis 44 LG Seeds C LG Seeds C LG Seeds C LG Seeds C Mycogen 5 NK Brand S Phillips Seed 44		RRX,ST	4.5	R	ACi
LG Seeds C LG Seeds C LG Seeds C LG Seeds C Mycogen 5 NK Brand S Phillips Seed 4		RRX,ST	4.7	R	ACi
LG Seeds     C       LG Seeds     C       LG Seeds     C       Mycogen     5       NK Brand     S       Phillips Seed     4	C3985RX	RRX	3.9	R	ASfi,IL
LG Seeds C LG Seeds C Mycogen 5 NK Brand S Phillips Seed 4	C3989R2	RR2Y	3.9	R	ASfi,IL
LG Seeds C Mycogen 5 NK Brand S Phillips Seed 4					
Mycogen5NK BrandSPhillips Seed4	C4227RX	RRX,ST	4.2	R	ASfi,IL
NK Brand S Phillips Seed 4	C4710RX	RRX,ST	4.7	R	ASfi,IL
Phillips Seed 4	5N451R2 §	RR2Y	4.5	R	CCB
•	S42-P6 §	RR2Y	4.2	R	CCB,Me
Phillips Seed 4	408NR2XS	RRX,ST	4.2	R	NCFI
	411NR2Y	RR2Y	4.1	R	NCFI
Phillips Seed 4	456NR2XS	RRX,ST	4.5	R	NCFI
Phillips Seed 4	478NR2XSE	RRX,ST	4.7	R	NCFI
	P45T74X §	RRX	4.5	R	None
	P47T44X §	RRX	4.7	R	None
	RS396NR2	RR2Y	3.9	R	EcTC
	RS398NX	RRX	3.9	R	AM,IL
	41RH22 §	RR2Y,ST	4.1	R	SFI
	-				SFI
	43RE02 §	RR2Y			
Stine 4	45RI02 §	RR2Y	4.5	R	SFI

### **Footnotes and Abbreviation Descriptions**



#### **Brand Footnotes**

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme
	EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPMaxx <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand
	seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPMaxx <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer.
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

BG	Balance™ GT
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
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 unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO®
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard <sup>™</sup>	IS	Intego™ Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard™
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
Cl	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard +™
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance <sup>™</sup> ST	PV	Poncho®/Votivo <sup>®</sup>
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse <sup>™</sup> US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate <sup>™</sup> VIP (F+I+N)	SStd	SureStand™
En	Encase <sup>®</sup>	TE	Trius Elite™
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaucho <sup>®</sup>	YPP	YP Pro™

\* Seed treatments may include unspecified plant health promoting components.