

## 2017 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 / atrazine  
SOIL DESCRIPTION: Kenoma silt loam, mod. well drained, non-irrigated  
SOIL CONDITIONS: High P, high K, 6.4 pH, 3.5% OM, 17.7 CEC  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Roundup, dicamba (burndown), Authority, Cobra, Outlook  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: Jun 4 140,000 /A 30" Spacing  
HARVESTED - STAND: Nov 22 130,000 /A

**All-Season Test**  
**Maturity Group 3.7 - 4.7**  
S2017KSEC01

**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
AgriGold	G4024RX	RRX	4.0	R	52.5	11.0	0	131.1	\$473	1
Lewis	4572X	RRX,ST	4.5	R	52.1	11.1	0	127.8	\$469	2
Golden Harvest	GH4542X §	RRX	4.5	R	51.6	10.5	0	132.8	\$464	3
Phillips Seed	456NR2XS	RRX,ST	4.5	R	51.2	10.7	0	129.4	\$461	4
Pioneer	P47T44X §	RRX	4.7	R	50.4	10.4	0	129.4	\$454	5
Renk	RS398NX	RRX	3.9	R	50.1	10.4	0	127.8	\$451	6
Golden Harvest	GH4307X §	RRX	4.3	R	49.7	11.1	0	129.4	\$447	7
LG Seeds	C4710RX	RRX,ST	4.7	R	49.5	10.9	0	129.4	\$446	8
Phillips Seed	408NR2XS	RRX,ST	4.2	R	49.4	10.9	0	131.1	\$445	9
Dyna-Gro	S46XS87	RRX,ST	4.6	R	49.2	10.8	0	129.4	\$443	10
Lewis	4182X	RRX,ST	4.1	R	49.1	10.8	0	131.1	\$442	11
Phillips Seed	478NR2XSE	RRX,ST	4.7	R	48.8	11.5	0	126.1	\$439	12
Lewis	4462X	RRX,ST	4.4	R	48.6	10.8	0	131.1	\$437	13
AgriGold	G4440RX	RRX,ST	4.4	R	48.3	10.6	0	129.4	\$435	14
Lewis	4372X	RRX,ST	4.3	R	48.2	10.4	0	127.8	\$434	15
NK Brand	S42-P6 §	RR2Y	4.2	R	48.2	10.8	0	136.1	\$434	16
Stine	45RI02 §	RR2Y	4.5	R	48.1	10.7	0	129.4	\$433	17
LG Seeds	C3985RX	RRX	3.9	R	48.0	10.9	0	129.4	\$432	18
Lewis	4161X	RRX	4.1	MR	47.8	10.6	0	131.1	\$430	19
Stine	43RE02 §	RR2Y	4.3	R	47.8	10.7	0	131.1	\$430	20
AgriGold	G3980RX	RRX	3.9	R	47.6	10.9	0	129.4	\$428	21
Mycogen	5N451R2 §	RR2Y	4.5	R	47.5	10.8	0	131.1	\$428	22
Lewis	3872X	RRX	3.8	R	47.3	11.2	0	131.1	\$426	23
Lewis	4272X	RRX,ST	4.2	R	47.2	10.6	0	131.1	\$425	24
Phillips Seed	411NR2Y	RR2Y	4.1	R	47.1	10.8	0	126.1	\$424	25
Asgrow	AG45X6 §	RRX,ST	4.5	R	46.7	10.6	0	127.8	\$420	26
Dyna-Gro	S43XS27	RRX,ST	4.3	R	46.6	10.5	0	131.1	\$419	27
Lewis	4881X	RRX,ST	4.7	R	46.6	11.2	0	126.1	\$419	28
Asgrow	AG42X6 §	RRX	4.2	R	46.1	10.8	0	132.8	\$415	29
Pioneer	P45T74X §	RRX	4.5	R	45.9	10.9	0	131.1	\$413	30

Adam Stuteville

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Averages = 47.9 10.8 0 130.0 \$431  
LSD (0.10) = 2.9 ns ns  
LSD (0.25) = 1.5 ns ns  
C.V. = 5.8

Prev. years avg. yield, 39.7 bu/a, 4 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

**TEST COMMENTS:** This site was planted into clean no-till seedbed and had nice even emergence. Plants looked good all year, very little disease pressure seen. Plants were tall and standing well at harvest. This site was 11 inches of total rainfall over the 30-year average. 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: 11/26/2017 Revised:

**2017 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	G3980RX	RRX	3.9	R	ASfi,IL						
AgriGold	G4024RX	RRX	4.0	R	CMBV,IL						
AgriGold	G4440RX	RRX,ST	4.4	R	CMBV,IL						
AgriGold	G4685RX	RRX,ST	4.6	R	CMBV,IL						
Asgrow	AG37X8 §	RRX	3.7	R	ACi						
Asgrow	AG42X6 §	RRX	4.2	R	ACi						
Asgrow	AG45X6 §	RRX,ST	4.5	R	ACi						
Dyna-Gro	S43XS27	RRX,ST	4.3	R	EQV,Ci						
Dyna-Gro	S46XS87	RRX,ST	4.6	R	EQV,Ci						
Golden Harvest	GH4307X §	RRX	4.3	R	AVBV,Me						
Golden Harvest	GH4542X §	RRX	4.5	R	CCB,Me						
Lewis	3872X	RRX	3.8	R	ACi						
Lewis	4161X	RRX	4.1	MR	ACi						
Lewis	4182X	RRX,ST	4.1	R	ACi						
Lewis	4272X	RRX,ST	4.2	R	ACi						
Lewis	4372X	RRX,ST	4.3	R	ACi						
Lewis	4462X	RRX,ST	4.4	R	ACi						
Lewis	4572X	RRX,ST	4.5	R	ACi						
Lewis	4881X	RRX,ST	4.7	R	ACi						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
LG Seeds	C3989R2	RR2Y	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						
Mycogen	5N451R2 §	RR2Y	4.5	R	CCB						
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me						
Phillips Seed	408NR2XS	RRX,ST	4.2	R	NCFI						
Phillips Seed	411NR2Y	RR2Y	4.1	R	NCFI						
Phillips Seed	456NR2XS	RRX,ST	4.5	R	NCFI						
Phillips Seed	478NR2XSE	RRX,ST	4.7	R	NCFI						
Pioneer	P45T74X §	RRX	4.5	R	None						
Pioneer	P47T44X §	RRX	4.7	R	None						
Renk	RS396NR2	RR2Y	3.9	R	EcTC						
Renk	RS398NX	RRX	3.9	R	AM,IL						
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI						
Stine	43RE02 §	RR2Y	4.3	R	SFI						
Stine	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. VPM <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> , VPM <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 <sup>™</sup> GT
LL	LibertyLink <sup>®</sup>
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 <sup>™</sup> Max Plus
A2020	Alert 2020 <sup>™</sup>	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego <sup>™</sup> Solo
AG	ArmourGuard <sup>™</sup>	IS	Intego <sup>™</sup> Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard <sup>™</sup>
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST <sup>™</sup> (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass <sup>™</sup> Plus F/I
CCB	Clariva <sup>™</sup> Complete Beans	None	untreated
CI	Clariva <sup>™</sup> pn	Pd	proTect D <sup>™</sup>
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I <sup>™</sup>
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard + <sup>™</sup>
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance <sup>™</sup> ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
DX	Defend <sup>™</sup> Extra	SDPI	Servo <sup>™</sup> DPI
EcTC	Eclipse <sup>™</sup> US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol <sup>™</sup> Energy	SS	Soyshield <sup>™</sup>
EL	Elevate <sup>™</sup> F+I	SS+	Soyshield Plus <sup>™</sup>
ELV	Elevate <sup>™</sup> VIP (F+I+N)	SStd	SureStand <sup>™</sup>
En	Encase <sup>®</sup>	TE	Trius Elite <sup>™</sup>
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat <sup>™</sup>
Es	Escalate <sup>™</sup>	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaicho <sup>®</sup>	YPP	YP Pro <sup>™</sup>

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