

2017 Soybean Top 30 Harvest Report

Kansas East Central [KSEC] LOUISBURG
Les Stuteville, Miami County, KS 66013



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

PREV. CROP/HERB: Soybean / Prefix
SOIL DESCRIPTION: Grundy silt loam, mod. poor drained, non-irrigated
SOIL CONDITIONS: Very high P, high K, 5.0 pH, 4.2% OM, 40.7 CEC
TILLAGE/CULTIVATION: Conventional w/o fall till
PEST MANAGEMENT: 2,4-D, Sharpen, Sencor, glyphosate, Dual II Magnum, Vamos, Ravage
APPLIED N-P-K (units): 16-40-40
SEEDED - RATE - ROW: Jun 12 140,000 /A 30" Spacing
HARVESTED - STAND: Nov 12 130,400 /A

All-Season Test
Maturity Group 3.7 - 4.7
S2017KSEC02

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	54.5	8.8	0	131.1	\$491	1
Stine	41RH22 §	RR2Y,ST	4.1	R	54.4	8.9	0	131.1	\$490	2
Golden Harvest	GH4307X §	RRX	4.3	R	52.9	9.3	0	131.1	\$476	3
Stine	45RI02 §	RR2Y	4.5	R	52.8	9.0	0	129.4	\$475	4
Stine	43RE02 §	RR2Y	4.3	R	52.8	9.2	0	131.1	\$475	5
Lewis	4572X	RRX,ST	4.5	R	52.6	8.9	0	132.8	\$473	6
LG Seeds	C4227RX	RRX,ST	4.2	R	52.6	9.1	0	126.1	\$473	7
Lewis	4272X	RRX,ST	4.2	R	52.4	8.9	0	127.8	\$472	8
Dyna-Gro	S43XS27	RRX,ST	4.3	R	52.2	8.9	0	127.8	\$470	9
Golden Harvest	GH4542X §	RRX	4.5	R	52.2	9.1	0	131.1	\$470	10
NK Brand	S42-P6 §	RR2Y	4.2	R	52.1	9.6	0	129.4	\$469	11
Lewis	4462X	RRX,ST	4.4	R	52.0	8.9	0	129.4	\$468	12
Lewis	3872X	RRX	3.8	R	51.9	8.8	0	129.4	\$467	13
AgriGold	G4440RX	RRX,ST	4.4	R	51.2	9.8	0	131.1	\$461	14
Lewis	4372X	RRX,ST	4.3	R	51.0	8.7	0	126.1	\$459	15
Mycogen	5N451R2 §	RR2Y	4.5	R	50.9	8.8	0	131.1	\$458	16
LG Seeds	C3985RX	RRX	3.9	R	50.6	8.5	0	134.4	\$455	17
AgriGold	G3980RX	RRX	3.9	R	50.5	9.0	0	127.8	\$455	18
Dyna-Gro	S46XS87	RRX,ST	4.6	R	50.4	8.8	0	134.4	\$454	19
Pioneer	P47T44X §	RRX	4.7	R	50.2	8.9	0	131.1	\$452	20
Phillips Seed	478NR2XSE	RRX,ST	4.7	R	50.2	9.2	0	129.4	\$452	21
Asgrow	AG37X8 §	RRX	3.7	R	49.8	8.9	0	132.8	\$448	22
Renk	RS396NR2	RR2Y	3.9	R	49.7	8.7	0	134.4	\$447	23
Renk	RS398NX	RRX	3.9	R	49.7	9.0	0	132.8	\$447	24
Pioneer	P45T74X §	RRX	4.5	R	49.7	9.1	0	129.4	\$447	25
Phillips Seed	408NR2XS	RRX,ST	4.2	R	49.5	9.1	0	127.8	\$446	26
AgriGold	G4685RX	RRX,ST	4.6	R	49.3	8.9	0	131.1	\$444	27
Asgrow	AG45X6 §	RRX,ST	4.5	R	49.2	8.8	0	131.1	\$443	28
Phillips Seed	456NR2XS	RRX,ST	4.5	R	49.2	8.8	0	127.8	\$443	29
Lewis	4161X	RRX	4.1	MR	48.2	9.1	0	127.8	\$434	30

Averages = **50.3** **9.0** **0** **130.4** **\$453**

LSD (0.10) = 2.6 0.2 ns

LSD (0.25) = 1.4 0.1 ns

C.V. = 4.9 Prev. years avg. yield, 45.5 bu/a, 2 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 a clean seedbed and had very uniform emergence. Two major rain events of over 10 inches occurred on July 27 and August 21. This site was 15 inches over the 30-year rainfall average. Plants were standing good and threshed easily. 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)

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 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] 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 [®] 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 unavailable	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
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.