

2018 Soybean Top 30 Harvest Report

Kansas East Central [KSEC] STILWELL

Bruce Betts, Johnson County, KS 66013



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

PREV. CROP/HERB: Corn / Degree, atrazine
 SOIL DESCRIPTION: Grundy silt loam, non-irrigated
 SOIL CONDITIONS: Low P, low K, 5.8 pH, 5.2% OM, 15.5 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: glyphosate, 2,4-D, Prefix
 APPLIED N-P-K (units): 0-25-30
 SEEDED - RATE - ROW: Jun 1 150,000 /A 30" Spacing
 HARVESTED - STAND: Nov 3 138,800 /A

All-Season Test
Maturity Group 3.7 - 4.7
 S2018KSEC03

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
Golden Harvest	GH4307X §	RRX	4.3	R	54.8	14.1	0	134.4	\$415	1
Dyna-Gro	S41XS98	RRX,ST	4.1	R	53.9	14.0	0	139.4	\$409	2
Stine	47RI02 §	RR2Y	4.7	R	53.6	14.0	0	137.7	\$406	3
LG Seeds	C4710RX	RRX,ST	4.7	R	53.4	14.1	0	141.1	\$405	4
AgriGold	G4440RX	RRX,ST	4.4	R	52.1	14.0	0	141.1	\$395	5
Lewis	4272X	RRX,ST	4.2	R	52.0	14.5	0	139.4	\$394	6
Stine	45RI02 §	RR2Y	4.5	R	51.4	13.9	0	136.1	\$390	7
AgriGold	G4750RX	RRX,ST	4.7	R	51.4	14.1	0	137.7	\$390	8
Renk	RS398NX	RRX	3.9	R	50.9	13.7	0	141.1	\$386	9
Rob-See-Co	Innotech IS4236^	RR2Y	4.2	R	50.7	13.7	0	137.7	\$385	10
Hefty	H45X8S	RRX,ST	4.5	MR	50.4	13.7	0	141.1	\$382	11
Lewis	4572X	RRX,ST	4.5	R	50.4	13.7	0	139.4	\$382	12
Lewis	4881X	RRX,ST	4.7	R	50.4	14.0	0	144.4	\$382	13
Lewis	4393X	RRX,ST	4.3	R	50.0	14.2	0	137.7	\$379	14
Asgrow	AG46X6 §	RRX	4.6	R	49.8	13.6	0	141.1	\$378	15
Dyna-Gro	S43XS27	RRX,ST	4.3	R	49.5	13.9	0	136.1	\$375	16
Golden Harvest	GH3982X §	RRX	3.9	R	49.4	14.2	0	141.1	\$374	17
Hefty	H42X9	RRX	4.2	MR	49.4	14.3	0	137.7	\$374	18
AgriGold	G3830RX	RRX	3.8	R	48.9	13.9	0	137.7	\$371	19
Asgrow	AG41X8 §	RRX,ST	4.1	R	48.8	14.0	0	139.4	\$370	20
Golden Harvest	GH4542X §	RRX	4.5	R	48.4	13.7	0	136.1	\$367	21
Dyna-Gro	S46XS87	RRX,ST	4.6	R	48.4	14.0	0	139.4	\$367	22
Rob-See-Co	Innotech IS3990^	RR2Y	3.9	R	47.2	13.6	0	137.7	\$358	23
LG Seeds	C3985RX	RRX	3.9	R	46.7	13.8	0	137.7	\$354	24
Lewis	4182X	RRX,ST	4.1	R	46.5	14.0	0	134.4	\$352	25
LG Seeds	C4227RX	RRX,ST	4.2	R	46.4	14.5	0	142.7	\$351	26
Lewis	4691X	RRX,ST	4.6	R	46.3	14.0	0	139.4	\$351	27
Asgrow	AG43X7 §	RRX,ST	4.3	R	45.7	14.1	0	137.7	\$346	28
Pioneer	P38T20X	RRX	3.8	R	45.1	14.1	0	137.7	\$342	29
LG Seeds	LGS3777RX	RRX	3.7	R	44.8	14.2	0	141.1	\$339	30

Averages = **48.7** **14.0** **0** **138.8** **\$369**

LSD (0.10) = 2.5 0.1 ns

LSD (0.25) = 1.3 0.1 ns

C.V. = 4.8 Prev. years avg. yield, 50.1 bu/a, 4 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 test was no-till planted into a clean seedbed and emerged fast due to the warmer than normal temperatures. June and July were hot and dry but this location caught a couple rains around July 4. August and September brought some showers that really helped yields, especially on the later maturing soybeans. Harvest was delayed due to 15 inches of October rain. Weed control was very good.*

† 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 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	G3830RX	RRX	3.8	R	ASfi,IL						
AgriGold	G4190RX	RRX,ST	4.1	R	ASfi,IL						
AgriGold	G4440RX	RRX,ST	4.4	R	ASfi,IL						
AgriGold	G4750RX	RRX,ST	4.7	R	ASfi,IL						
Asgrow	AG41X8 §	RRX,ST	4.1	R	AC,PV						
Asgrow	AG43X7 §	RRX,ST	4.3	R	AC,PV						
Asgrow	AG46X6 §	RRX	4.6	R	AC,PV						
Dyna-Gro	S41XS98	RRX,ST	4.1	R	EQV,Ci						
Dyna-Gro	S43XS27	RRX,ST	4.3	R	EQV,Ci						
Dyna-Gro	S46XS87	RRX,ST	4.6	R	EQV,Ci						
Golden Harvest	GH3982X §	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4307X §	RRX	4.3	R	CCB,Me						
Golden Harvest	GH4542X §	RRX	4.5	R	CCB,Me						
Hefty	H37X8S	RRX,ST	3.7	MR	DST						
Hefty	H42X9	RRX	4.2	MR	DST						
Hefty	H45X8S	RRX,ST	4.5	MR	None						
Lewis	3792X	RRX	3.7	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	4393X	RRX,ST	4.3	R	AC,PV						
Lewis	4572X	RRX,ST	4.5	R	AC,PV						
Lewis	4691X	RRX,ST	4.6	R	AC,PV						
Lewis	4881X	RRX,ST	4.7	R	AC,PV						
LG Seeds	C3985RX	RRX	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						
LG Seeds	LGS3777RX	RRX	3.7	R	ASfi,IL						
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 IS3990^	RR2Y	3.9	R	CMBV						
Rob-See-Co	Innotech IS4236^	RR2Y	4.2	R	CMBV						
Stine	45RI02 §	RR2Y	4.5	R	SF						
Stine	47RI02 §	RR2Y	4.7	R	SF						

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.