

2017 Soybean Top 30 Harvest Report

Kansas East Central [KSEC] BALDWIN CITY
 Luke Ulrich, Douglas County, KS 66006



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

PREV. CROP/HERB: Corn / Sharpen, Sencor
 SOIL DESCRIPTION: Martin silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Very high P, medium K, 7.8 pH, 3.5% OM, 28.5 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: 2,4-D, glyphosate, Authority, Sencor, Vamos
 APPLIED N-P-K (units): 18-46-50
 SEEDED - RATE - ROW: Jun 5 140,000 /A 30" Spacing
 HARVESTED - STAND: Nov 30 136,200 /A

All-Season Test
Maturity Group 3.7 - 4.7
 S2017KSEC04

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
Dyna-Gro	S43XS27	RRX,ST	4.3	R	59.4	7.9	0	141.1	\$535	1
LG Seeds	C4710RX	RRX,ST	4.7	R	58.5	8.0	0	134.4	\$527	2
Lewis	4372X	RRX,ST	4.3	R	58.0	7.4	0	139.4	\$522	3
AgriGold	G4685RX	RRX,ST	4.6	R	57.7	7.8	0	137.7	\$519	4
AgriGold	G4440RX	RRX,ST	4.4	R	57.3	7.6	0	136.1	\$516	5
Golden Harvest	GH4307X §	RRX	4.3	R	56.9	7.5	0	136.1	\$512	6
Phillips Seed	408NR2XS	RRX,ST	4.2	R	56.6	7.7	0	139.4	\$509	7
Renk	RS398NX	RRX	3.9	R	56.1	8.0	0	134.4	\$505	8
Lewis	4572X	RRX,ST	4.5	R	55.9	7.5	0	137.7	\$503	9
Mycogen	5N451R2 §	RR2Y	4.5	R	55.6	7.6	0	136.1	\$500	10
Phillips Seed	478NR2XSE	RRX,ST	4.7	R	55.2	8.3	0	137.7	\$497	11
Stine	43RE02 §	RR2Y	4.3	R	54.8	7.4	0	137.7	\$493	12
Golden Harvest	GH4542X §	RRX	4.5	R	54.6	8.2	0	134.4	\$491	13
Lewis	4462X	RRX,ST	4.4	R	54.5	7.9	0	137.7	\$491	14
Asgrow	AG42X6 §	RRX	4.2	R	54.3	7.4	0	134.4	\$489	15
Pioneer	P47T44X §	RRX	4.7	R	53.7	7.5	0	131.1	\$483	16
Phillips Seed	456NR2XS	RRX,ST	4.5	R	53.3	7.4	0	139.4	\$480	17
Stine	41RH22 §	RR2Y,ST	4.1	R	52.3	7.5	0	136.1	\$471	18
Asgrow	AG45X6 §	RRX,ST	4.5	R	51.8	8.0	0	134.4	\$466	19
Dyna-Gro	S46XS87	RRX,ST	4.6	R	51.6	7.5	0	137.7	\$464	20
Lewis	4182X	RRX,ST	4.1	R	51.3	7.8	0	136.1	\$462	21
AgriGold	G3980RX	RRX	3.9	R	51.2	7.4	0	136.1	\$461	22
LG Seeds	C4227RX	RRX,ST	4.2	R	51.2	7.4	0	136.1	\$461	23
Lewis	4272X	RRX,ST	4.2	R	51.0	7.6	0	131.1	\$459	24
Lewis	4881X	RRX,ST	4.7	R	51.0	8.0	0	132.8	\$459	25
Pioneer	P45T74X §	RRX	4.5	R	50.5	7.8	0	136.1	\$455	26
LG Seeds	C3985RX	RRX	3.9	R	49.9	7.9	0	137.7	\$449	27
Lewis	4161X	RRX	4.1	MR	49.7	7.6	0	137.7	\$447	28
LG Seeds	C3989R2	RR2Y	3.9	R	48.8	7.4	0	136.1	\$439	29
Asgrow	AG37X8 §	RRX	3.7	R	48.7	8.1	0	136.1	\$438	30

Averages = **52.8** **7.7** **0** **136.2** **\$475**
 LSD (0.10) = 3.1 0.3 ns
 LSD (0.25) = 1.6 0.2 ns
 C.V. = 5.5

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Prev. years avg. yield, 47.6 bu/a, 1 yr

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, no-till seed bed and emerged very uniform. Plants were tall and threshed easily at harvest. This site was 9 inches of rain 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.

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	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.