

2017 Soybean Top 30 Harvest Report

Kansas Northeast [KSNE] HOLTON

David Royer, Atchison County, KS 66436



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

PREV. CROP/HERB: Corn / Dual II Magnum, atrazine
 SOIL DESCRIPTION: Kennebec silt loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 5.6 pH, 3.1% OM, 25.5 CEC
 TILLAGE/CULTIVATION: Conventional w/o fall till
 PEST MANAGEMENT: Authority, Clethodim, glyphosate, Cobra
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 18 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 20 131,200 /A

All-Season Test
Maturity Group 3.4 - 4.4
 S2017KSNE05

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	G3520RX	RRX	3.5	R	67.8	12.0	0	129.4	\$610	1
Golden Harvest	GH4142X §	RRX	4.1	R	64.3	11.4	0	134.4	\$579	2
Lewis	3872X	RRX	3.8	R	63.2	11.8	0	129.4	\$569	3
NK Brand	S38-W4 §	RR2Y	3.8	R	62.4	11.9	0	131.1	\$562	4
Renk	RS398NX	RRX	3.9	R	61.9	11.3	0	129.4	\$557	5
Renk	RS357NX	RRX	3.5	R	60.3	12.1	0	131.1	\$543	6
Stine	37RI02 §	RR2Y	3.7	R	59.4	11.7	0	129.4	\$535	7
AgriGold	G3980RX	RRX	3.9	R	59.1	12.1	0	134.4	\$532	8
Lewis	3861X	RRX,ST	3.8	R	58.5	11.6	0	136.1	\$527	9
AgriGold	G4024RX	RRX	4.0	R	58.3	11.7	0	131.1	\$525	10
Stine	40RF22 §	RR2Y	4.0	R	57.2	11.9	0	126.1	\$515	11
Asgrow	AG36X6 §	RRX	3.6	R	56.6	11.5	0	132.8	\$509	12
Lewis	3572X	RRX	3.5	R	55.9	11.2	0	129.4	\$503	13
Lewis	4161X	RRX	4.1	MR	55.6	11.2	0	127.8	\$500	14
Phillips Seed	363NR2YE	RR2Y	3.6	R	54.8	11.5	0	131.1	\$493	15
Renk	RS348NX	RRX	3.4	R	54.6	12.3	0	127.8	\$491	16
Stine	38RE02 §	RR2Y,ST	3.8	R	54.2	11.8	0	131.1	\$488	17
Renk	RS396NR2	RR2Y	3.9	R	54.2	12.0	0	129.4	\$488	18
Lewis	4462X	RRX,ST	4.4	R	54.1	11.8	0	132.8	\$487	19
NuPride Genetics	NGN8381GT GC	RR	3.8	R	54.1	12.0	0	129.4	\$487	20
AgriGold	G3712RX	RRX	3.7	R	53.9	11.7	0	134.4	\$485	21
Asgrow	AG43X7 §	RRX,ST	4.3	R	53.6	11.8	0	127.8	\$482	22
LG Seeds	C3985RX	RRX	3.9	R	53.4	12.0	0	131.1	\$481	23
Lewis	4372X	RRX,ST	4.3	R	53.4	12.0	0	134.4	\$481	24
Asgrow	AG42X6 §	RRX	4.2	R	52.1	11.5	0	132.8	\$469	25
Lewis	4182X	RRX,ST	4.1	R	52.1	11.7	0	134.4	\$469	26
Phillips Seed	411NR2Y	RR2Y	4.1	R	52.1	11.7	0	132.8	\$469	27
Lewis	4272X	RRX,ST	4.2	R	51.9	11.8	0	127.8	\$467	28
Mycogen	5N424R2 §	RR2Y,ST	4.2	R	50.7	11.4	0	129.4	\$456	29
LG Seeds	C4145R2	RR2Y,ST	4.1	R	50.4	11.4	0	132.8	\$454	30

Averages = **55.2** **11.7** **0** **131.2** **\$497**

LSD (0.10) = 3.8 0.4 ns

LSD (0.25) = 2.0 0.2 ns

C.V. = 6.5 Prev. years avg. yield, 46.3 bu/a, 3 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. A hard rain after planting caused some emergence problems. Plants were tall and stood well at harvest. Weed control was great. This site received some timely rains and a cooler than normal August which helped yields.*

† 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: 10/25/2017 Revised:

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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	G3520RX	RRX	3.5	R	ASfi,IL						
AgriGold	G3712RX	RRX	3.7	R	ASfi,IL						
AgriGold	G3980RX	RRX	3.9	R	ASfi,IL						
AgriGold	G4024RX	RRX	4.0	R	CMBV,IL						
Asgrow	AG36X6 §	RRX	3.6	R	ACi						
Asgrow	AG42X6 §	RRX	4.2	R	ACi						
Asgrow	AG43X7 §	RRX,ST	4.3	R	ACi						
Golden Harvest	GH4142X §	RRX	4.1	R	CCB,Me						
Lewis	3572X	RRX	3.5	R	ACi						
Lewis	3861X	RRX,ST	3.8	R	ACi						
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						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
LG Seeds	C3989R2	RR2Y	3.9	R	ASfi,IL						
LG Seeds	C4145R2	RR2Y,ST	4.1	R	ASfi,IL						
LG Seeds	C4227RX	RRX,ST	4.2	R	ASfi,IL						
Mycogen	5N424R2 §	RR2Y,ST	4.2	R	CCB						
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me						
NK Brand	S39-R9X §	RRX	3.9	R	CCB,Me						
NuPride Genetics	NGN8381GT GC	RR	3.8	R	None						
Phillips Seed	363NR2YE	RR2Y	3.6	R	NCFI						
Phillips Seed	408NR2XS	RRX,ST	4.2	R	NCFI						
Phillips Seed	411NR2Y	RR2Y	4.1	R	NCFI						
Pioneer	94Y23 §	RR	4.2	R	None						
Pioneer	P40T84X §	RRX	4.0	R	None						
Renk	RS348NX	RRX	3.4	R	AM,IL						
Renk	RS357NX	RRX	3.5	R	EcTC						
Renk	RS396NR2	RR2Y	3.9	R	EcTC						
Renk	RS398NX	RRX	3.9	R	AM,IL						
Stine	37RI02 §	RR2Y	3.7	R	SFI						
Stine	38RE02 §	RR2Y,ST	3.8	R	SFI						
Stine	40RF22 §	RR2Y	4.0	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.