

2018 Soybean Top 30 Harvest Report

Kansas Northeast [KSNE] VERMILLION
Jack Boyle, Marshall County, KS 66544



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

PREV. CROP/HERB: Corn / Dual II Magnum, atrazine, 2,4-D
SOIL DESCRIPTION: Wymore silt loam, non-irrigated
SOIL CONDITIONS: High P, high K, 5.7 pH, 3.9% OM, 16.6 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Authority, glyphosate, Vamos, Dual
APPLIED N-P-K (units): 0-30-30
SEEDED - RATE - ROW: May 28 150,000 /A 30" Spacing
HARVESTED - STAND: Nov 3 138,900 /A

All-Season Test
Maturity Group 3.4 - 4.4
S2018KSNE07

Top 30 of 45

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	S39XT68	RRX	3.9	R	59.3	10.2	0	142.7	\$451	1
LG Seeds	C3985RX	RRX	3.9	R	56.9	9.9	0	137.7	\$432	2
Lewis	4272X	RRX,ST	4.2	R	56.1	10.0	0	137.7	\$426	3
Golden Harvest	GH3982X §	RRX	3.9	R	55.7	9.9	0	137.7	\$423	4
AgriGold	G3980RX	RRX	3.9	R	55.3	9.9	0	137.7	\$420	5
Lewis	3792X	RRX	3.7	R	54.2	10.0	0	141.1	\$412	6
Hefty	H42X9	RRX	4.2	MR	53.4	10.3	0	136.1	\$406	7
LG Seeds	LGS3357RX	RRX	3.3	R	52.7	10.0	0	142.7	\$401	8
Rob-See-Co	Innotech IS4236^ §	RR2Y	4.2	R	51.4	10.0	0	137.7	\$391	9
Golden Harvest	GH4240XS	RRX,ST	4.2	R	51.1	9.9	0	134.4	\$388	10
Lewis	3682X	RRX	3.6	R	51.1	10.0	0	139.4	\$388	11
Hefty	H35X8	RRX	3.5	MR	50.6	10.0	0	139.4	\$385	12
Renk	RS379NX	RRX	3.7	R	50.0	10.2	0	137.7	\$380	13
Golden Harvest	GH3546X §	RRX	3.5	R	49.4	9.7	0	137.7	\$375	14
LG Seeds	LGS3777RX	RRX	3.7	R	49.4	10.1	0	139.4	\$375	15
Armor	42-D27	RRX,ST	4.2	R	49.3	10.0	0	136.1	\$375	16
LG Seeds	C4227RX	RRX,ST	4.2	R	49.2	9.9	0	141.1	\$374	17
Asgrow	AG44X6 §	RRX	4.4	R	49.2	10.0	0	141.1	\$374	18
Pioneer	P38T20X §	RRX	3.8	R	49.1	9.9	0	136.1	\$373	19
Asgrow	AG41X8 §	RRX,ST	4.1	R	49.1	10.0	0	137.7	\$373	20
Dyna-Gro	S41XS98	RRX,ST	4.1	R	49.1	10.0	0	136.1	\$373	21
Hefty	H34X7	RRX	3.4	MR	48.9	10.5	0	137.7	\$372	22
Hefty	H37X8S	RRX,ST	3.7	MR	48.8	9.9	0	139.4	\$371	23
Lewis	4372X	RRX,ST	4.3	R	48.8	10.5	0	144.4	\$371	24
Rob-See-Co	Innotech IS3626^	RR2Y	3.6	R	48.6	10.0	0	141.1	\$369	25
Armor	44-D51	RRX	4.4	R	48.6	10.1	0	137.7	\$369	26
AgriGold	G3722RX	RRX,ST	3.7	R	48.4	9.9	0	136.1	\$368	27
Lewis	4091X	RRX	4.0	R	47.4	10.1	0	139.4	\$360	28
Armor	44-D40	RRX,ST	4.4	R	47.3	10.1	0	141.1	\$359	29
Pioneer	P40A47X §	RRX	4.0	R	47.2	10.0	0	139.4	\$359	30

Averages = **49.1** **10.1** **0** **138.9** **\$373**

LSD (0.10) = 3.3 0.2 ns

LSD (0.25) = 1.7 0.1 ns

C.V. = 6.4

Prev. years avg. yield, 46.8 bu/a, 5 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$7.60 GMO; \$7.60 non-GMO

TEST COMMENTS: *This site was planted into a clean, moist seedbed. Emergence was quick and stand was uniform. June and July brought hot, dry weather with some showers falling in August. Plants were standing great and threshed easily. This test was on bottom ground with thick topsoil that really helped supply moisture. Jack said the lighter hill ground really showed summer stress and yields were much lower.*

† 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:

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All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G3722RX	RRX,ST	3.7	R	ASfi,IL						
AgriGold	G3980RX	RRX	3.9	R	ASfi,IL						
AgriGold	G4190RX	RRX,ST	4.1	R	ASfi,IL						
AgriGold	G4440RX	RRX,ST	4.4	R	ASfi,IL						
Armor	39-D39	RRX	3.9	R	DX						
Armor	42-D27	RRX,ST	4.2	R	DX						
Armor	44-D40	RRX,ST	4.4	R	DX						
Armor	44-D51	RRX	4.4	R	DX						
Asgrow	AG36X6 §	RRX	3.6	R	AC,PV						
Asgrow	AG39X7 §	RRX,ST	3.9	R	AC,PV						
Asgrow	AG41X8 §	RRX,ST	4.1	R	AC,PV						
Asgrow	AG44X6 §	RRX	4.4	R	None						
Dyna-Gro	S39XT68	RRX	3.9	R	EQV,Ci						
Dyna-Gro	S41XS98	RRX,ST	4.1	R	EQV,Ci						
Golden Harvest	GH3546X §	RRX	3.5	R	CCB,Me						
Golden Harvest	GH3982X §	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4240XS	RRX,ST	4.2	R	CCB,Me						
Golden Harvest	GH4307X §	RRX	4.3	R	CCB,Me						
Hefty	H34X7	RRX	3.4	MR	DST						
Hefty	H35X8	RRX	3.5	MR	DST						
Hefty	H37X8S	RRX,ST	3.7	MR	DST						
Hefty	H42X9	RRX	4.2	MR	DST						
Lewis	3682X	RRX	3.6	R	AC,PV						
Lewis	3792X	RRX	3.7	R	AC,PV						
Lewis	3872X	RRX	3.8	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	4372X	RRX,ST	4.3	R	AC,PV						
Lewis	4393X	RRX,ST	4.3	R	AC,PV						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
LG Seeds	C4227RX	RRX,ST	4.2	R	ASfi,IL						
LG Seeds	LGS3357RX	RRX	3.3	R	ASfi,IL						
LG Seeds	LGS3777RX	RRX	3.7	R	ASfi,IL						
NuPride Genetics	NGN8341GT/STS §	RR,ST	3.4	R	None						
NuPride Genetics	NGN8381GT §	RR	3.8	R	None						
Pioneer	P35T75X §	RRX	3.5	R	EE,G,IL,Lu						
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 IS3423^	RR2Y	3.4	MR	CMBV						
Rob-See-Co	Innotech IS3626^	RR2Y	3.6	R	CMBV						
Rob-See-Co	Innotech IS3990^	RR2Y	3.9	R	CMBV						
Rob-See-Co	Innotech IS4236^ §	RR2Y	4.2	R	CMBV						

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.