

2016 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 / Degree, atrazine
SOIL DESCRIPTION: Kenebec silt loam, moderately drained, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K, 6.9 pH, 2.4 % OM
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Authority, clethodim, Cobra, glyphosate
SEEDED - RATE - ROW: Jun 6 135,000 /A 30" Spacing
HARVESTED - STAND: n/a

All-Season Test
Maturity Group 3.4 - 4.4
S2016KSNE06

Top 30 of 36
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Test lost to ponding from excessive rain after planting										

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Averages =
LSD (0.10) =
LSD (0.25) =
C.V. =

Prev. years avg. yield, 47.3 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 great soil conditions but several large rain events in the weeks following planting created large areas of ponding throughout the test area and the rest of the field. The plot and surrounding field were a complete loss.

† 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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All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Armor	43-D34 §	RRX	4.2	R	DX						
Armor	44-D40 §	RRX	4.4	R	DX						
Asgrow	AG36X6 §	RRX	3.6	R	ACi						
Asgrow	AG38X6 §	RRX	3.8	R	ACi						
Asgrow	AG40X6 §	RRX	4.0	R	ACi						
Dyna-Gro	S38RY87 §	RR2Y	3.8	R	CCB						
Dyna-Gro	S39XT67 §	RRX	3.9	R	CCB						
Dyna-Gro	S42RY77 §	RR2Y	4.2	R	CCB						
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi						
Lewis	3872X §	RRX	3.8	R	ACi						
Lewis	4161X	RRX	4.1	MR	ACi						
Lewis	4272X §	RRX	4.2	R	ACi						
Lewis	4372X §	RRX	4.5	R	ACi						
LG Seeds	C3550RX §	RRX	3.5	R	CCB						
LG Seeds	C3989R2 §	RR2Y	3.8	R	CCB						
LG Seeds	C4145R2	RR2Y	4.1	R	CCB						
Mycogen	5N374R2 §	RR2Y	3.7	R	CCB						
Mycogen	5N387R2 §	RR2Y	3.8	R	CCB						
Mycogen	5N394R2 §	RR2Y	3.9	R	CCB						
Mycogen	5N431R2 §	RR2Y	4.3	R	CCB						
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me						
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me						
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me						
Ohlde	O 36R6	RR2Y	3.6	R	SDPI						
Ohlde	O 38R7	RR	3.8	R	SDPI						
Ohlde	O 404 §	RR2Y,ST	4.0	R	SDPI						
Ohlde	O 41R7	RR2Y,ST	4.1	MR	SDPI						
Pioneer	P39T67R §	RR	3.9	R	EE,G,IL						
Prairie Brand	PB-3956R2 §	RR2Y	3.9	R	CMB,In						
Prairie Brand	PB-4186R2 §	RR2Y,ST	4.1	R	CCB,In						
Prairie Brand	PB-4343R2 §	RR2Y	4.3	R	CCB,In						
Renk	RS357NX §	RRX	3.5	R	CMB						
Renk	RS396NR2 §	RR2Y	3.9	R	CMBV						
Renk	RS397NX §	RRX	3.9	R	CMB						
Stine	35RF02 §	RR2Y,ST	3.5	R	SFI						
Stine	37RC82 §	RR2Y,ST	3.7	R	None						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® 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

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

* Seed treatments may include unspecified plant health promoting components.