

2016 Soybean Top 30 Harvest Report

Kansas East Central [KSEC] LOUISBURG
Les Stuteville, Miami County, KS 66013



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

PREV. CROP/HERB: Soybean / Sharpen, Vamos, Sencor
SOIL DESCRIPTION: Bucyrus silty clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K, 7 pH, 2.1 % OM
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: 2,4-D, glyphosate, Sharpen, Sencor, Cadet
SEEDED - RATE - ROW: Jun 10 135,000 /A 30" Spacing
HARVESTED - STAND: Nov 1 129,200 /A

All-Season Test
Maturity Group 3.7 - 4.7
S2016KSEC03

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
Armor	43-D34 §	RRX	4.2	R	DX	51.3	12.5	0	129.4	\$462
LG Seeds	C4615RX §	RRX	4.6	R	CCB	50.9	13.0	0	129.4	\$458
Armor	46-D08 §	RRX	4.6	R	DX	50.5	11.9	0	126.1	\$455
Mycogen	5N431R2 §	RR2Y	4.3	R	CCB	50.1	12.0	0	129.4	\$451
NK Brand	S47-K5 §	RR2Y	4.7	MR	CCB,Me	49.6	12.9	0	126.1	\$446
Prairie Brand	X16413R2	RR2Y	4.1	R	CCB,In	49.3	12.0	0	131.1	\$444
Armor	44-D40 §	RRX	4.4	R	DX	49.0	12.1	0	129.4	\$441
Lewis	4572X §	RRX	4.5	R	ACi	48.1	11.9	0	132.8	\$433
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	48.1	12.6	0	127.8	\$433
Mycogen	5N479R2 §	RR2Y,ST	4.7	R	CCB	48.0	12.0	0	126.1	\$432
Asgrow	AG45X6 §	RRX,ST	4.5	R	ACi	47.8	12.8	0	127.8	\$430
Prairie Brand	PB-4343R2 §	RR2Y	4.3	R	CCB,In	47.5	12.7	0	131.1	\$428
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	47.0	13.0	0	127.8	\$423
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi	46.5	12.0	0	129.4	\$419
LG Seeds	C4780R2 §	RR2Y,ST	4.7	R	CCB	46.2	12.4	0	129.4	\$416
Stine	43RE02 §	RR2Y	4.3	R	SFI	45.8	12.9	0	127.8	\$412
Lewis	4761X §	RRX,ST	4.7	R	ACi	45.6	12.0	0	129.4	\$410
Mycogen	5N451R2 §	RR2Y	4.5	R	CCB	45.5	12.0	0	127.8	\$410
LG Seeds	C4145R2	RR2Y	4.1	R	CCB	45.2	13.0	0	131.1	\$407
Stine	38RE02 §	RR2Y	3.8	R	SFI	44.6	12.3	0	126.1	\$401
Ohlde	O 435 §	RR2Y,ST	4.3	R	SDPI	44.3	12.0	0	131.1	\$399
Prairie Brand	PB-4186R2 §	RR2Y,ST	4.1	R	CCB,In	44.3	12.4	0	127.8	\$399
Asgrow	AG38X6 §	RRX	3.8	R	ACi	44.3	13.1	0	132.8	\$399
NK Brand	S45-R7 §	RR2Y,ST	4.5	R	CCB,Me	44.2	12.5	0	129.4	\$398
Dyna-Gro	S46XS87	RRX,ST	4.6	R	ACi	44.2	13.0	0	127.8	\$398
Ohlde	O 46R6 §	RR2Y,ST	4.6	R	SDPI	43.7	12.2	0	127.8	\$393
Prairie Brand	PB-3956R2 §	RR2Y	3.9	R	CMB,In	43.4	12.9	0	131.1	\$391
Mycogen	5N387R2 §	RR2Y	3.8	R	CCB	43.1	12.9	0	131.1	\$388
Dyna-Gro	S39XT67 §	RRX	3.9	R	CCB	42.3	13.1	0	127.8	\$381
Lewis	4462X	RRX,ST	4.4	R	ACi	42.2	13.0	0	129.4	\$380

Adam Stuteville

adam.stuteville@firstseedtests.com, (913) 206-6080

Averages =	45.4	12.5	0	129.2	\$409
LSD (0.10) =	3.0	0.3	ns		
LSD (0.25) =	2.1	0.2	ns		
C.V. =	4.8				Prev. years avg. yield, 49.3 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: Seedlings at this site emerged well but went through a dry spell right after emergence. Timely rains in July, August and September helped yields. Soybean pod worms were found in the area. This location was scouted several times but none could be found. Beans stood well at harvest. Plants were 32 to 42 inches tall. 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.

Additional reports available at www.firstseedtests.com

©2016, all rights reserved by Agronomic Seed Consulting, Inc.

Report Date: 11/02/2016

Revised: 11/6/2016

Products for KSNE used instead of KSEC products. Entire table revised. Discard 11/2 version.

2016 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
Armor	43-D34 §	RRX	4.2	R	DX						
Armor	44-D40 §	RRX	4.4	R	DX						
Armor	46-D08 §	RRX	4.6	R	DX						
Asgrow	AG38X6 §	RRX	3.8	R	ACi						
Asgrow	AG40X6 §	RRX	4.0	R	ACi						
Asgrow	AG45X6 §	RRX,ST	4.5	R	ACi						
Dyna-Gro	S39XT67 §	RRX	3.9	R	CCB						
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi						
Dyna-Gro	S46XS87	RRX,ST	4.6	R	ACi						
Lewis	3872X §	RRX	3.8	R	ACi						
Lewis	4462X	RRX,ST	4.4	R	ACi						
Lewis	4572X §	RRX	4.5	R	ACi						
Lewis	4761X §	RRX,ST	4.7	R	ACi						
LG Seeds	C3989R2	RR2Y	3.8	R	CCB						
LG Seeds	C4145R2	RR2Y	4.1	R	CCB						
LG Seeds	C4615RX §	RRX	4.6	R	CCB						
LG Seeds	C4780R2 §	RR2Y,ST	4.7	R	CCB						
Mycogen	5N387R2 §	RR2Y	3.8	R	CCB						
Mycogen	5N431R2 §	RR2Y	4.3	R	CCB						
Mycogen	5N451R2 §	RR2Y	4.5	R	CCB						
Mycogen	5N479R2 §	RR2Y,ST	4.7	R	CCB						
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me						
NK Brand	S45-R7 §	RR2Y,ST	4.5	R	CCB,Me						
NK Brand	S47-K5 §	RR2Y	4.7	MR	CCB,Me						
Ohlde	O 41R7 §	RR2Y,ST	4.1	MR	SDPI						
Ohlde	O 435 §	RR2Y,ST	4.3	R	SDPI						
Ohlde	O 46R6 §	RR2Y,ST	4.6	R	SDPI						
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						
Prairie Brand	X16413R2	RR2Y	4.1	R	CCB,In						
Stine	37RC82 §	RR2Y,ST	3.7	R	None						
Stine	38RE02 §	RR2Y	3.8	R	SFI						
Stine	40RF22 §	RR2Y	4.0	R	SFI						
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI						
Stine	43RE02 §	RR2Y	4.3	R	SFI						

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. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® 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.