

2016 Soybean Top 30 Harvest Report

Kansas East Central [KSEC] STILWELL

Bruce Betts, Johnson County, KS 66013



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

PREV. CROP/HERB: Corn / Lexar, atrazine, Roundup PowerMax
 SOIL DESCRIPTION: Grundy silt loam, mod. poor drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, moderate K, 6.9 pH, 2.3 % OM
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Prefix, glyphosate, Cadet, Endigo, Ramp
 SEEDED - RATE - ROW: Jun 10 135,000 /A 30" Spacing
 HARVESTED - STAND: Nov 1 130,500 /A

All-Season Test
Maturity Group 3.7 - 4.7
 S2016KSEC02

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
Mycogen	5N387R2 §	RR2Y	3.8	R	CCB	49.2	12.4	0	132.8	\$443
Armor	43-D34 §	RRX	4.2	R	DX	48.1	13.9	0	127.8	\$432
NK Brand	S47-K5 §	RR2Y	4.7	MR	CCB,Me	47.8	13.2	0	132.8	\$430
Ohlde	O 41R7 §	RR2Y,ST	4.1	MR	SDPI	47.7	12.4	0	129.4	\$429
Armor	44-D40 §	RRX	4.4	R	DX	47.6	13.6	0	132.8	\$428
Prairie Brand	X16413R2	RR2Y	4.1	R	CCB,In	47.0	13.6	0	131.1	\$422
Mycogen	5N479R2 §	RR2Y,ST	4.7	R	CCB	46.0	13.1	0	132.8	\$414
Dyna-Gro	S39XT67 §	RRX	3.9	R	CCB	45.8	13.0	0	129.4	\$412
Ohlde	O 435 §	RR2Y,ST	4.3	R	SDPI	45.6	13.4	0	129.4	\$410
Prairie Brand	PB-4343R2 §	RR2Y	4.3	R	CCB,In	45.3	13.2	0	129.4	\$408
Prairie Brand	PB-4186R2 §	RR2Y,ST	4.1	R	CCB,In	45.2	12.5	0	131.1	\$407
LG Seeds	C4780R2 §	RR2Y,ST	4.7	R	CCB	45.0	12.8	0	129.4	\$405
Ohlde	O 46R6 §	RR2Y,ST	4.6	R	SDPI	44.9	13.2	0	132.8	\$404
Lewis	4572X §	RRX	4.5	R	ACi	44.7	13.1	0	127.8	\$402
Asgrow	AG45X6 §	RRX,ST	4.5	R	ACi	44.7	13.2	0	131.1	\$402
Lewis	4462X	RRX,ST	4.4	R	ACi	44.6	13.5	0	131.1	\$401
Asgrow	AG38X6 §	RRX	3.8	R	ACi	44.6	13.7	0	131.1	\$401
Lewis	4761X §	RRX,ST	4.7	R	ACi	44.5	12.6	0	134.4	\$401
Dyna-Gro	S46XS87	RRX,ST	4.6	R	ACi	43.9	12.5	0	131.1	\$395
LG Seeds	C4145R2	RR2Y	4.1	R	CCB	43.8	12.5	0	131.1	\$394
Prairie Brand	PB-3956R2 §	RR2Y	3.9	R	CMB,In	43.7	12.9	0	129.4	\$393
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	43.6	12.4	0	131.1	\$392
Armor	46-D08 §	RRX	4.6	R	DX	43.5	13.0	0	127.8	\$392
Stine	37RC82 §	RR2Y,ST	3.7	R	None	43.0	14.0	0	127.8	\$386
Asgrow	AG40X6 §	RRX	4.0	R	ACi	42.9	14.2	0	129.4	\$385
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	42.7	12.5	0	134.4	\$384
Stine	43RE02 §	RR2Y	4.3	R	SFI	42.5	13.5	0	131.1	\$382
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi	42.5	13.6	0	131.1	\$382
Stine	40RF22 §	RR2Y	4.0	R	SFI	42.4	13.1	0	129.4	\$382
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	42.4	13.1	0	132.8	\$382

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Averages =	44.3	13.2	0	130.5	\$398
LSD (0.10) =	3.0	0.3	ns		
LSD (0.25) =	2.1	0.2	ns		
C.V. =	5.0				Prev. years avg. yield, 53.1 bu/a, 2 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 had a very uniform stand at the V2 growth stage. Plants stood well at harvest. Most plants still had a few green leaves and green stems as a killing frost had not yet occurred. Weed control was excellent. Soybean podworms were found in the area. This site was sprayed with an insecticide.*

† 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: 11/02/2016

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. 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.