

2016 Soybean Top 30 Harvest Report

Kansas East Central [KSEC] LA CYGNE
Brad Stainbrook, Linn County, KS 66040



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

PREV. CROP/HERB: Corn / Dual II Magnum, atrazine, 2,4-D
SOIL DESCRIPTION: Kenoma silt loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K, 6.9 pH, 2 % OM
TILLAGE/CULTIVATION: Conventional w/o fall till
PEST MANAGEMENT: Gramoxone, glyphosate, Authority, 2,4-D
SEEDED - RATE - ROW: Jun 7 135,000 /A 30" Spacing
HARVESTED - STAND: Nov 14 129,400 /A

All-Season Test
Maturity Group 3.7 - 4.7
S2016KSEC04

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	5N479R2 §	RR2Y,ST	4.7	R	CCB	55.6	13.3	0	129.4	\$500
Armor	46-D08 §	RRX	4.6	R	DX	55.3	12.3	0	127.8	\$498
Prairie Brand	X16413R2	RR2Y	4.1	R	CCB,In	54.2	12.8	0	127.8	\$488
NK Brand	S45-R7 §	RR2Y,ST	4.5	R	CCB,Me	53.6	12.1	0	131.1	\$482
Dyna-Gro	S46XS87	RRX,ST	4.6	R	ACi	53.1	12.8	0	126.1	\$478
NK Brand	S47-K5 §	RR2Y	4.7	MR	CCB,Me	51.9	12.8	0	127.8	\$467
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	51.2	13.5	0	127.8	\$460
Lewis	4761X §	RRX,ST	4.7	R	ACi	50.8	12.8	0	131.1	\$457
Lewis	4462X	RRX,ST	4.4	R	ACi	50.6	12.5	0	131.1	\$455
Ohlde	O 41R7 §	RR2Y,ST	4.1	MR	SDPI	50.5	12.6	0	129.4	\$455
Ohlde	O 435 §	RR2Y,ST	4.3	R	SDPI	50.2	12.5	0	127.8	\$452
LG Seeds	C4145R2	RR2Y	4.1	R	CCB	50.2	12.7	0	131.1	\$452
LG Seeds	C4780R2 §	RR2Y,ST	4.7	R	CCB	49.6	12.8	0	127.8	\$446
Lewis	4572X §	RRX	4.5	R	ACi	48.8	12.5	0	131.1	\$439
Ohlde	O 46R6 §	RR2Y,ST	4.6	R	SDPI	48.8	12.5	0	129.4	\$439
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi	48.6	12.2	0	131.1	\$437
Dyna-Gro	S39XT67 §	RRX	3.9	R	CCB	48.3	12.9	0	131.1	\$435
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	48.2	12.8	0	132.8	\$434
Asgrow	AG45X6 §	RRX,ST	4.5	R	ACi	48.1	12.7	0	131.1	\$433
Stine	43RE02 §	RR2Y	4.3	R	SFI	48.1	12.9	0	129.4	\$433
Armor	43-D34 §	RRX	4.2	R	DX	47.6	12.6	0	127.8	\$428
Prairie Brand	PB-4343R2 §	RR2Y	4.3	R	CCB,In	47.5	12.5	0	131.1	\$428
Asgrow	AG40X6 §	RRX	4.0	R	ACi	47.5	12.6	0	127.8	\$428
Stine	37RC82 §	RR2Y,ST	3.7	R	None	47.2	12.9	0	131.1	\$425
Lewis	3872X §	RRX	3.8	R	ACi	47.0	12.7	0	129.4	\$423
Mycogen	5N451R2 §	RR2Y	4.5	R	CCB	46.5	12.6	0	132.8	\$419
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	46.2	12.5	0	126.1	\$416
Stine	40RF22 §	RR2Y	4.0	R	SFI	45.9	12.6	0	126.1	\$413
Armor	44-D40 §	RRX	4.4	R	DX	45.9	12.8	0	126.1	\$413
Mycogen	5N387R2 §	RR2Y	3.8	R	CCB	45.9	12.8	0	131.1	\$413

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Averages =	48.6	12.7	0	129.4	\$437
LSD (0.10) =	3.6	0.5	ns		
LSD (0.25) =	2.5	0.3	ns		
C.V. =	5.4			Prev. years avg. yield, 39.2 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 emerged great and looked good all season. Timely rains in July and August helped push yields. Plants were tall, and stood great. Very little disease pressure was observed. Stems were still slightly green as the first killing frost had not yet happened. Weed control was good, a few pigweed emerged late but had no impact on yield.*

† 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: 11/14/2016 Revised:

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.