

# 2014 Soybean Top 30 Harvest Report

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



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

PREV. CROP/HERB: Soybean / Authority MTZ, 2,4-D  
SOIL DESCRIPTION: Grundy silt loam, mod. poor drained, non-irrigated  
SOIL CONDITIONS: Moderate P, moderate K, 6.6 pH, 2.3 % OM  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Sharpen, glyphosate, Prefix, Cadet, Stratego, Ravage  
SEEDED - RATE - ROW: Jun 19 130,000 /A 30" Spacing  
HARVESTED - STAND: Oct 31 118,600 /A

**All-Season Test**  
**3.7 - 4.7 Day RM**  
S2014KSEC02

**Top 30 of 45**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
LG Seeds	C4010R2 §	RR2Y	4.00	R	AC,PV	<b>54.6</b>	11.2	0	119.5	\$491
NK Brand	S46-L2 §	RR2Y	4.60	R	CCB	<b>53.6</b>	11.0	0	117.8	\$482
Prairie Brand	PB-3699R2 §	RR2Y	3.60	R	CMBV	53.1	11.2	0	119.5	\$478
Taylor	440-2R §	RR2Y	4.40	MR	CMBV	52.4	10.9	0	117.8	\$472
NuTech/G2 Gen	7436R2^ §	RR2Y	4.30	R	EE,G	52.4	11.8	0	117.8	\$472
Prairie Brand	PB-4343R2	RR2Y	4.30	R	CMB	52.3	11.0	0	119.5	\$471
Dyna-Gro	S42RS03	RR2Y,ST	4.20	R	CMBV	52.1	11.2	0	116.2	\$469
Lewis	384R2	RR2Y,ST	3.80	MR	ACi	51.8	11.0	0	117.8	\$466
Taylor	470-2RS §	RR2Y,ST	4.70	MR	CMBV	51.8	11.3	0	117.8	\$466
Renk	RS414NR2	RR2Y	4.10	R	CMB	51.1	11.3	0	116.2	\$460
Ohlde	O 404 §	RR2Y,ST	4.00	R	CMBV	51.0	11.1	0	119.5	\$459
LG Seeds	C4322R2 §	RR2Y	4.30	R	AC,PV	50.9	11.3	0	119.5	\$458
Dyna-Gro	S40RY25	RR2Y	4.00	R	CMBV	50.8	11.1	0	121.2	\$457
NuTech/G2 Gen	7414^ §	RR	4.10	R	EE,G	50.5	11.0	0	116.2	\$455
LG Seeds	C4544R2 §	RR2Y	4.50	R	AC,PV	50.5	11.2	0	117.8	\$455
NuTech/G2 Gen	7407^ §	RR	4.00	R	EE,G	50.1	11.0	0	116.2	\$451
Asgrow	AG4232 §	RR2Y,ST	4.20	R	ACi	50.0	11.5	0	114.5	\$450
Taylor	425-2RS §	RR2Y,ST	4.20	MR	CMBV	49.9	11.1	0	117.8	\$449
Dyna-Gro	S38RY84	RR2Y	3.80	R	CMBV	49.8	11.0	0	121.2	\$448
Ohlde	O 394 §	RR2Y	3.90	MR	CMBV	49.7	11.3	0	117.8	\$447
Asgrow	AG4730 §	RR2Y,ST	4.70	S	ACi	49.5	10.9	0	119.5	\$446
Ohlde	O 474 §	RR2Y	4.70	R	CMBV	49.3	11.1	0	116.2	\$444
Stine	42RD02 §	RR2Y,ST	4.20	R	None	49.2	11.0	0	122.8	\$443
Lewis	454R2	RR2Y,ST	4.50	R	ACi	49.0	11.5	0	122.8	\$441
Renk	RS383SNR2	RR2Y,ST	3.80	R	None	48.9	10.9	0	116.2	\$440
NK Brand	S45-V8 §	RR2Y	4.50	R	CCB	48.8	11.3	0	116.2	\$439
Stine	47RC32 §	RR2Y	4.70	R	None	48.6	11.2	0	114.5	\$437
LG Seeds	C4411R2 §	RR2Y	4.40	R	AC,PV	48.5	11.0	0	117.8	\$437
Dyna-Gro	39RY43	RR2Y	4.30	R	CMBV	48.2	11.7	0	116.2	\$434
Ohlde	O 435 §	RR2Y,ST	4.30	n/a	CMBV	48.0	11.2	0	119.5	\$432

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Test Average =	<b>49.3</b>	<b>11.2</b>	<b>0</b>	<b>118.6</b>	<b>\$444</b>
LSD (0.10) =	4.1	0.5	ns		
LSD (0.25) =	2.8	0.4	ns		
C.V. =	6.1	3.6			

**Yield & Income Factors** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =  $\frac{\$9.00}{\$9.00}$   $\frac{\text{GMO}}{\text{Non-GMO}}$

**TEST COMMENTS:** *This site was planted into good soil moisture and received an inch of rain hours after planting. Bean emergence was excellent and they grew very fast. A late-July and mid- to late-August dry spell put some stress on the beans. Rain returned late-August and helped with pod set and seed fill. Weed control was excellent. Plants were 26-32 inches tall and standing very well at harvest.*

† 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: 11/1/2014 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
Asgrow	AG4034 §	RR2Y	4.00	MR	ACi						
Asgrow	AG4232 §	RR2Y,ST	4.20	R	ACi						
Asgrow	AG4730 §	RR2Y,ST	4.70	S	ACi						
Dyna-Gro	39RY43	RR2Y	4.30	R	CMBV						
Dyna-Gro	S38RY84	RR2Y	3.80	R	CMBV						
Dyna-Gro	S40RY25	RR2Y	4.00	R	CMBV						
Dyna-Gro	S42RS03	RR2Y,ST	4.20	R	CMBV						
Lewis	384R2	RR2Y,ST	3.80	MR	ACi						
Lewis	445R2	RR2Y,ST	4.40	R	ACi						
Lewis	454R2	RR2Y,ST	4.50	R	ACi						
Lewis	473R2	RR2Y,ST	4.70	MR	ACi						
LG Seeds	C4010R2 §	RR2Y	4.00	R	AC,PV						
LG Seeds	C4322R2 §	RR2Y	4.30	R	AC,PV						
LG Seeds	C4411R2 §	RR2Y	4.40	R	AC,PV						
LG Seeds	C4544R2 §	RR2Y	4.50	R	AC,PV						
LG Seeds	C4780R2 §	RR2Y,ST	4.70	R	AC,PV						
Mycogen	5N451R2 §	RR2Y	4.50	R	CCB						
NK Brand	S45-V8 §	RR2Y	4.50	R	CCB						
NK Brand	S46-L2 §	RR2Y	4.60	R	CCB						
NuTech/G2 Gen	7407^ §	RR	4.00	R	EE,G						
NuTech/G2 Gen	7414^ §	RR	4.10	R	EE,G						
NuTech/G2 Gen	7436R2^ §	RR2Y	4.30	R	EE,G						
Ohide	O 373 §	RR2Y,ST	3.70	R	CMBV						
Ohide	O 394 §	RR2Y	3.90	MR	CMBV						
Ohide	O 404 §	RR2Y,ST	4.00	R	CMBV						
Ohide	O 435 §	RR2Y,ST	4.30	n/a	CMBV						
Ohide	O 453 §	RR2Y,ST	4.50	R	CMBV						
Ohide	O 474 §	RR2Y	4.70	R	CMBV						
Pioneer	93Y72 §	RR	3.70	R	EE,G						
Pioneer	93Y84	RR	3.80	R	EE,G						
Prairie Brand	PB-3699R2 §	RR2Y	3.60	R	CMBV						
Prairie Brand	PB-4343R2	RR2Y	4.30	R	CMB						
Prairie Brand	PB-4644R2	RR2Y,ST	4.60	R	CMB						
Prairie Brand	PB-4888R2	RR2Y,ST	4.80	R	CMB						
Renk	RS383SNR2	RR2Y,ST	3.80	R	None						
Renk	RS414NR2	RR2Y	4.10	R	CMB						
Stine	37RC82 §	RR2Y,ST	3.70	R	None						
Stine	38RE02 §	RR2Y	3.80	R	None						
Stine	42RD02 §	RR2Y,ST	4.20	R	None						
Stine	47RC32 §	RR2Y	4.70	R	None						
Taylor	379-2R §	RR2Y	3.70	MR	CMBV						
Taylor	425-2RS §	RR2Y,ST	4.20	MR	CMBV						
Taylor	440-2R §	RR2Y	4.40	MR	CMBV						
Taylor	460-2RS §	RR2Y,ST	4.60	MR	CMBV						
Taylor	470-2RS §	RR2Y,ST	4.70	MR	CMBV						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPM maxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPM maxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a Syngenta Group Company.
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
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
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	DST	Dominance ST
A	Allegiance®	EE	Evergol™ Energy
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	I	Inovate™ System
AM	ApronMaxx®	M	Maxim®
AP	Apron XL®	None	untreated
AVB	Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
C	Cruiser®	PV	Poncho®/Votivo®
CCB	Clariva Complete Beans	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

\* Seed treatments may include unspecified plant health promoting components.