

# 2013 Soybean Top 30 Harvest Report

Kansas East Central [ KSEC ] EMPORIA  
 Jared Davis, Lyon County, KS 66801



PREV. CROP/HERB: Soybean  
 SOIL DESCRIPTION: Osage silty clay, mod. poor drained, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 6.8 pH, 2.1% OM,  
 TILLAGE/CULTIVATION: Conventional w/o fall till  
 PEST MANAGEMENT: Buccaneer  
 SEEDED - RATE - ROW: May 18 135,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 18 125,400 /A

**All-Season Test**  
**3.7 - 4.9 Day CRM**  
 S2013KSEC01

## Top 30 of 36

Sorted for 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
Dyna-Gro	39RY43 GC	RR2Y	4.3	R	ACi	<b>31.5</b>	10.6	0	126.1	\$387
Kruger	K2-4203 §	RR2Y	4.2	MR	ACi	<b>31.3</b>	10.6	0	124.5	\$385
Taylor	440-2R GC	RR2Y	4.4	R	CMB	<b>29.2</b>	10.6	0	124.5	\$359
Dyna-Gro	S42RS03 GC	RR2Y,STS	4.2	R	ACi	<b>28.9</b>	11.0	0	126.1	\$355
Fontanelle	81S03 GC	RR2Y,STS	4.1	MR	ACi	28.4	9.6	0	124.5	\$349
LG Seeds	C4867R2	RR2Y	4.8	R	AC,PV	28.0	10.2	0	121.2	\$344
LG Seeds	C4340R2 §	RR2Y	4.3	R	AC,PV	27.7	10.5	0	129.4	\$341
Taylor	420-2R GC	RR2Y,STS	4.2	R	CMB	27.6	11.2	0	126.1	\$339
Lewis	381R2 §	RR2Y	3.8	R	ACi	27.2	10.0	0	124.5	\$335
Renk	RS414NR2 §	RR2Y	4.1	R	None	27.1	10.5	0	121.2	\$333
Lewis	394R2 §	RR2Y	3.9	MR	ACi	26.9	9.8	0	127.8	\$331
NuTech/G2 Gen	7442^	RR	4.4	R	SCE	26.2	10.6	0	124.5	\$322
Dyna-Gro	S37RS14 GC	RR2Y,STS	3.7	R	ACi	25.6	11.2	0	124.5	\$315
Kruger	K2-3804 §	RR2Y,STS	3.8	MR	ACi	25.5	9.4	0	122.8	\$314
LG Seeds	C4544R2 §	RR2Y	4.5	R	AC,PV	25.1	9.3	0	129.5	\$309
Renk	RS383SNR2 §	RR2Y,STS	3.8	R	CMB,O	25.0	9.3	0	127.8	\$308
Midland	3983NR2 §	RR2Y	3.8	R	CMB	24.9	10.0	0	124.5	\$306
LG Seeds	C3989R2 §	RR2Y	3.8	R	AC,PV	24.8	10.5	0	124.5	\$305
Kruger	K2-3702 §	RR2Y	3.7	R	ACi	24.8	11.0	0	131.1	\$305
Hoegemeyer	HPT 4124NRR^ §	RR	4.1	R	RS	24.4	9.5	0	126.1	\$300
Hoegemeyer	HPT 3811NRR^ §	RR	3.8	R	RS	24.4	9.7	0	122.8	\$300
NuTech/G2 Gen	7414^	RR	4.1	R	SCE	24.4	10.3	0	124.5	\$300
Lewis	454R2 §	RR2Y,STS	4.5	R	ACi	24.4	10.7	0	124.5	\$300
Taylor	399-2R GC	RR2Y	4.0	R	CMB	24.4	11.0	0	126.1	\$300
Ohlde	O 453 §	RR2Y,STS	4.5	R	SDPI	24.1	10.7	0	119.5	\$296
Lewis	473R2 GC	RR2Y,STS	4.7	MR	ACi	23.6	10.8	0	127.8	\$290
Ohlde	O 424 §	RR2Y,STS	4.2	R	SDPI	22.8	11.1	0	126.1	\$280
Mycogen	5N393R2 §	RR2Y	3.9	R	CMB	22.7	10.5	0	126.1	\$279
Mycogen	5N385R2 §	RR2Y	3.8	MR	CMB	22.5	12.1	0	122.8	\$277
NuTech/G2 Gen	7393^	RR	3.9	R	SCE	22.4	10.1	0	122.8	\$276

Test Average = **25.1** **10.4** **0** **125.4** **\$309**

LSD (0.10) = 3.6 1.3 ns

C.V. = 10.4 9.4

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Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =  $\frac{\$12.30}{n/a}$  Local GMO Non-GMO

**TEST COMMENTS:** This site got off to an excellent start, but received 17 inches of rain in 3 days in July. The heavy rain really stunted growth in July, then it turned off hot and dry. Plants were 24 to 30 inches tall, with a lot of 2 bean pods. Some varieties were starting to shatter on the top pods. Harvest was started on 10-14, but was delayed due to rain, and was finished 10-18.

† See last page for additional information. Results in **bold** are significantly above the test average. **CK** = check and **GC** = grower comparison products, **§** = United Soybean Board entry; **ns** = not significantly different.

Additional reports and searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report date: 10/20/2013 Revised:

2013 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
Dyna-Gro	39RY43 GC	RR2Y	4.3	R	ACi						
Dyna-Gro	S37RS14 GC	RR2Y,STS	3.7	R	ACi						
Dyna-Gro	S42RS03 GC	RR2Y,STS	4.2	R	ACi						
Fontanelle	78N83 GC	RR2Y	3.8	R	ACi						
Fontanelle	81S03 GC	RR2Y,STS	4.1	MR	ACi						
Hoegemeyer	HPT 3811NRR^ §	RR	3.8	R	RS						
Hoegemeyer	HPT 3997NRR^ §	RR	3.9	R	RS						
Hoegemeyer	HPT 4124NRR^ §	RR	4.1	R	RS						
Kruger	K2-3702 §	RR2Y	3.7	R	ACi						
Kruger	K2-3804 §	RR2Y,STS	3.8	MR	ACi						
Kruger	K2-4203 §	RR2Y	4.2	MR	ACi						
Kruger	K2-4502 §	RR2Y	4.5	R	ACi						
Lewis	381R2 §	RR2Y	3.8	R	ACi						
Lewis	394R2 §	RR2Y	3.9	MR	ACi						
Lewis	454R2 §	RR2Y,STS	4.5	R	ACi						
Lewis	473R2 GC	RR2Y,STS	4.7	MR	ACi						
LG Seeds	C3989R2 §	RR2Y	3.8	R	AC,PV						
LG Seeds	C4340R2 §	RR2Y	4.3	R	AC,PV						
LG Seeds	C4544R2 §	RR2Y	4.5	R	AC,PV						
LG Seeds	C4867R2	RR2Y	4.8	R	AC,PV						
Midland	3983NR2 §	RR2Y	3.8	R	CMB						
Mycogen	5N373R2 §	RR2Y	3.7	R	CMB						
Mycogen	5N385R2 §	RR2Y	3.8	MR	CMB						
Mycogen	5N393R2 §	RR2Y	3.9	R	CMB						
NuTech/G2 Gen	7380^	RR	3.8	R	SCE						
NuTech/G2 Gen	7393^	RR	3.9	R	SCE						
NuTech/G2 Gen	7414^	RR	4.1	R	SCE						
NuTech/G2 Gen	7420^	RR	4.2	R	SCE						
NuTech/G2 Gen	7442^	RR	4.4	R	SCE						
Ohlde	O 424 §	RR2Y,STS	4.2	R	SDPI						
Ohlde	O 453 §	RR2Y,STS	4.5	R	SDPI						
Renk	RS383SNR2 §	RR2Y,STS	3.8	R	CMB,O						
Renk	RS414NR2 §	RR2Y	4.1	R	None						
Taylor	399-2R GC	RR2Y	4.0	R	CMB						
Taylor	420-2R GC	RR2Y,STS	4.2	R	CMB						
Taylor	440-2R GC	RR2Y	4.4	R	CMB						

## 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. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® 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 F.I.R.S.T. when space permits.
§	United Soybean Board sponsored entry

### Soybean Technologies

None	Conventional, non-GMO
LL	LibertyLink®
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonyleurea tolerant soybeans

### Soybean Cyst Nematode (SCN) Resistance Rating

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

### Soybean Seed Treatments\*

?	Information not provided	Ex	Excalibre™
A	Allegiance®	G	Gaucho®
AC	Acceleron® fungicide products	I	Inovate™ System
ACi	Acceleron® fungicide and insecticide products	None	untreated
AM	ApronMaxx®	O	Optimize®
AP	Apron XL®	PV	Poncho®/Votivo®
AVB	Avicta® Complete Beans	RS	Right Stand™
C	Cruiser®	SCE	SmartCote™ Extra
CC	CurryCoat™	SDPI	Servo DPI
CMB	CruiserMaxx® Beans	SS+	Soyshield Plus™
CMBV	CruiserMaxx® Beans with Vibrance	SStd	SureStand™
DPHB	DPH Boost™	T	Trilex®
EE	Evergol™ Energy		

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