

## 2013 Soybean Top 30 Harvest Report

Kansas East Central [ KSEC ] BUCYRUS  
Bruce Betts, Miami County, KS 66013



PREV. CROP/HERB: Soybean / Prefix  
SOIL DESCRIPTION: Grundy silt loam, mod. poor drained, non-irrigated  
SOIL CONDITIONS: Moderate P, moderate K, 6.8 pH, 2.2% OM,  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Prefix, Roundup, Endigo, Quilt  
SEEDED - RATE - ROW: Jun 12 135,000 /A 30" Spacing  
HARVESTED - STAND: Oct 27 107,700 /A

**All-Season Test**  
**3.7 - 4.9 Day CRM**  
S2013KSEC04

### Top 30 of 36

Sorted for YIELD  
Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Renk	RS383SNR2 §	RR2Y,STS	3.8	R	CMB,O	46.2	10.3	0	109.5	\$568
Mycogen	5N393R2 §	RR2Y	3.9	R	CMB	46.2	10.3	0	104.6	\$568
Ohlde	O 453 §	RR2Y,STS	4.5	R	SDPI	46.2	10.6	0	107.0	\$568
Renk	RS414NR2 §	RR2Y	4.1	R	None	45.4	10.3	0	109.5	\$558
Kruger	K2-3702 §	RR2Y	3.7	R	ACi	45.4	10.5	0	104.5	\$558
LG Seeds	C4544R2 §	RR2Y	4.5	R	AC,PV	45.4	11.3	0	112.0	\$558
Mycogen	5N373R2 §	RR2Y	3.7	R	CMB	45.3	10.2	0	112.0	\$557
Kruger	K2-4502 §	RR2Y	4.5	R	ACi	44.9	10.5	0	112.0	\$552
NuTech/G2 Gen	7442^	RR	4.4	R	SCE	44.2	10.6	0	102.1	\$544
Lewis	454R2 §	RR2Y,STS	4.5	R	ACi	43.8	10.5	0	107.0	\$539
Mycogen	5N385R2 §	RR2Y	3.8	MR	CMB	43.7	11.2	0	104.5	\$538
Hoegemeyer	HPT 3811NRR^ §	RR	3.8	R	RS	43.0	10.4	0	104.5	\$529
Taylor	440-2R GC	RR2Y	4.4	R	CMB	43.0	10.5	0	107.0	\$529
Kruger	K2-4203 §	RR2Y	4.2	MR	ACi	42.8	10.3	0	109.6	\$526
Hoegemeyer	HPT 4124NRR^ §	RR	4.1	R	RS	42.8	10.3	0	99.6	\$526
Dyna-Gro	39RY43 GC	RR2Y	4.3	R	ACi	41.8	10.2	0	102.1	\$514
Lewis	381R2 §	RR2Y	3.8	R	ACi	41.6	10.2	0	112.0	\$512
Lewis	394R2 §	RR2Y	3.9	MR	ACi	41.1	10.4	0	107.0	\$506
NuTech/G2 Gen	7414^	RR	4.1	R	SCE	40.9	10.1	0	104.5	\$503
LG Seeds	C4340R2 §	RR2Y	4.3	R	AC,PV	40.2	10.5	0	109.5	\$494
Taylor	399-2R GC	RR2Y	4.0	R	CMB	40.2	10.6	0	109.5	\$494
Dyna-Gro	S42RS03 GC	RR2Y,STS	4.2	R	ACi	40.1	10.2	0	107.0	\$493
Ohlde	O 424 §	RR2Y,STS	4.2	R	SDPI	40.0	10.3	0	112.0	\$492
Midland	3983NR2 §	RR2Y	3.8	R	CMB	39.9	10.4	0	109.5	\$491
NuTech/G2 Gen	7393^	RR	3.9	R	SCE	39.8	10.3	0	107.0	\$490
Taylor	420-2R GC	RR2Y,STS	4.2	R	CMB	39.6	10.5	0	107.0	\$487
Fontanelle	81S03 GC	RR2Y,STS	4.1	MR	ACi	39.3	10.6	0	104.6	\$483
Dyna-Gro	S37RS14 GC	RR2Y,STS	3.7	R	ACi	39.2	10.5	0	104.6	\$482
Fontanelle	78N83 GC	RR2Y	3.8	R	ACi	39.0	10.5	0	104.6	\$480
LG Seeds	C4867R2	RR2Y	4.8	R	AC,PV	38.3	10.3	0	112.0	\$471

Test Average = **41.4** **10.4** **0** **107.7** **\$509**

LSD (0.10) = 5.9 0.5 ns

C.V. = 8.4 2.8

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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 received a heavy rain after planting and water ponded on most of the first rep. The remainder of the test site emerged very well. Hot dry weather in June and July stressed most varieties, but rains in August and September delivered the yields. Plants were 26 to 34 inches tall and standing well. A few pigweed emerged in late July but did not result. No disease pressure was seen.

† 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: 10/29/2013 Revised:

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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	Accelaron® fungicide products	I	Inovate™ System
ACi	Accelaron® 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.