

2013 Soybean Top 30 Harvest Report

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



PREV. CROP/HERB: Corn / Degree Xtra
SOIL DESCRIPTION: Bucyrus silty clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K, 6.9 pH, 2.1% OM,
TILLAGE/CULTIVATION: Conventional w/o fall till
PEST MANAGEMENT: Authority MTZ, Roundup, 2,4-D, Cadet
SEEDED - RATE - ROW: Jun 13 135,000 /A 30" Spacing
HARVESTED - STAND: Oct 24 100,100 /A

All-Season Test
3.7 - 4.9 Day CRM
S2013KSEC02

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
Dyna-Gro	39RY43 GC	RR2Y	4.3	R	ACi	39.3	11.9	0	99.6	\$483
Dyna-Gro	S42RS03 GC	RR2Y,STS	4.2	R	ACi	39.2	11.8	0	99.6	\$482
Kruger	K2-3804 §	RR2Y,STS	3.8	MR	ACi	37.9	11.4	0	109.5	\$466
Lewis	381R2 §	RR2Y	3.8	R	ACi	37.4	11.0	0	99.6	\$460
Dyna-Gro	S37RS14 GC	RR2Y,STS	3.7	R	ACi	37.2	11.3	0	99.6	\$458
NuTech/G2 Gen	7414^	RR	4.1	R	SCE	37.1	11.7	0	99.6	\$456
Renk	RS383SNR2 §	RR2Y,STS	3.8	R	CMB,O	36.5	11.6	0	102.1	\$449
Lewis	454R2 §	RR2Y,STS	4.5	R	ACi	36.0	12.4	0	102.1	\$443
NuTech/G2 Gen	7442^	RR	4.4	R	SCE	35.8	11.5	0	99.6	\$440
Hoegemeyer	HPT 3997NRR^ §	RR	3.9	R	RS	35.7	11.8	0	99.6	\$439
LG Seeds	C4340R2 §	RR2Y	4.3	R	AC,PV	35.6	11.8	0	94.6	\$438
LG Seeds	C3989R2 §	RR2Y	3.8	R	AC,PV	35.2	11.0	0	107.1	\$433
Midland	3983NR2 §	RR2Y	3.8	R	CMB	33.6	11.8	0	97.1	\$413
Fontanelle	78N83 GC	RR2Y	3.8	R	ACi	33.5	11.0	0	104.5	\$412
Renk	RS414NR2 §	RR2Y	4.1	R	None	33.5	12.0	0	97.1	\$412
NuTech/G2 Gen	7393^	RR	3.9	R	SCE	33.4	11.3	0	94.6	\$411
Taylor	420-2R GC	RR2Y,STS	4.2	R	CMB	33.1	12.0	0	97.1	\$407
Mycogen	5N373R2 §	RR2Y	3.7	R	CMB	33.0	11.1	0	99.6	\$406
Hoegemeyer	HPT 4124NRR^ §	RR	4.1	R	RS	32.8	12.1	0	99.6	\$403
Lewis	394R2 §	RR2Y	3.9	MR	ACi	32.6	11.5	0	104.5	\$401
Ohlde	O 453 §	RR2Y,STS	4.5	R	SDPI	32.5	11.6	0	104.5	\$400
NuTech/G2 Gen	7420^	RR	4.2	R	SCE	32.4	12.0	0	99.6	\$399
Kruger	K2-4502 §	RR2Y	4.5	R	ACi	32.0	11.7	0	97.1	\$394
Mycogen	5N385R2 §	RR2Y	3.8	MR	CMB	31.8	11.0	0	97.1	\$391
Mycogen	5N393R2 §	RR2Y	3.9	R	CMB	31.7	11.5	0	99.6	\$390
Ohlde	O 424 §	RR2Y,STS	4.2	R	SDPI	31.7	12.5	0	99.6	\$390
Lewis	473R2 GC	RR2Y,STS	4.7	MR	ACi	31.5	11.7	0	104.6	\$387
NuTech/G2 Gen	7380^	RR	3.8	R	SCE	31.2	11.3	0	94.6	\$384
Kruger	K2-4203 §	RR2Y	4.2	MR	ACi	31.1	11.8	0	107.1	\$383
LG Seeds	C4867R2	RR2Y	4.8	R	AC,PV	30.2	11.8	0	99.6	\$371

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Test Average = **33.2** **11.7** **0** **100.1** **\$408**

LSD (0.10) = 5.4 0.8 ns

C.V. = 9.7 4.0

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 hard rain right after planting that hindered emergence, stand counts were low but not unacceptable. July and August dry weather took a toll on top-end yield potential at this site. A flush of pigweed emerged in July but did not appear to impact yield. Soybean plants were short, ranging from 22-30" tall. No disease pressure was observed under these dry conditions.*

† 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

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Report date: 10/27/2013 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.