

2013 Soybean Top 30 Harvest Report

Kansas East Central [KSEC] OTTAWA
Mark Nelson, Franklin County, KS 66071



PREV. CROP/HERB: Corn / Roundup, Degree Xtra
SOIL DESCRIPTION: Wagstaff silty clay loam, 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: Prefix, Roundup PowerMax
SEEDED - RATE - ROW: Jun 12 135,000 /A 30" Spacing
HARVESTED - STAND: Nov 19 121,500 /A

All-Season Test
3.7 - 4.9 Day CRM
S2013KSEC03

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
LG Seeds	C4544R2 §	RR2Y	4.5	R	AC,PV	31.8	10.1	0	121.2	\$391
NuTech/G2 Gen	7442^	RR	4.4	R	SCE	31.3	9.8	0	126.1	\$385
NuTech/G2 Gen	7420^	RR	4.2	R	SCE	31.1	10.3	0	117.8	\$383
LG Seeds	C4867R2	RR2Y	4.8	R	AC,PV	30.8	10.1	0	124.5	\$379
Lewis	454R2 §	RR2Y,STS	4.5	R	ACi	30.5	10.5	0	122.8	\$375
Dyna-Gro	39RY43 GC	RR2Y	4.3	R	ACi	30.4	10.0	0	117.8	\$374
Hoegemeyer	HPT 4124NRR^ §	RR	4.1	R	RS	29.4	9.5	0	124.5	\$362
Taylor	440-2R GC	RR2Y	4.4	R	CMB	29.3	10.3	0	117.8	\$360
Ohlde	O 453 §	RR2Y,STS	4.5	R	SDPI	29.2	9.8	0	121.1	\$359
LG Seeds	C4340R2 §	RR2Y	4.3	R	AC,PV	29.0	10.0	0	121.2	\$357
Hoegemeyer	HPT 3997NRR^ §	RR	3.9	R	RS	29.0	10.3	0	126.1	\$357
Lewis	473R2 GC	RR2Y,STS	4.7	MR	ACi	28.7	10.0	0	116.2	\$353
Taylor	399-2R GC	RR2Y	4.0	R	CMB	28.2	9.7	0	122.8	\$347
Taylor	420-2R GC	RR2Y,STS	4.2	R	CMB	27.1	10.0	0	121.2	\$333
Midland	3983NR2 §	RR2Y	3.8	R	CMB	26.6	10.0	0	119.5	\$327
Mycogen	5N393R2 §	RR2Y	3.9	R	CMB	26.3	9.8	0	121.1	\$323
LG Seeds	C3989R2 §	RR2Y	3.8	R	AC,PV	26.1	9.9	0	114.5	\$321
Dyna-Gro	S42RS03 GC	RR2Y,STS	4.2	R	ACi	26.0	10.0	0	122.8	\$320
Kruger	K2-4203 §	RR2Y	4.2	MR	ACi	25.6	10.4	0	119.5	\$315
Kruger	K2-3702 §	RR2Y	3.7	R	ACi	25.3	9.7	0	119.5	\$311
Fontanelle	81S03 GC	RR2Y,STS	4.1	MR	ACi	25.2	9.9	0	117.8	\$310
NuTech/G2 Gen	7414^	RR	4.1	R	SCE	25.0	9.8	0	122.8	\$308
NuTech/G2 Gen	7393^	RR	3.9	R	SCE	24.4	9.9	0	121.2	\$300
Ohlde	O 424 §	RR2Y,STS	4.2	R	SDPI	24.2	9.5	0	117.8	\$298
Lewis	381R2 §	RR2Y	3.8	R	ACi	23.4	9.8	0	122.8	\$288
Lewis	394R2 §	RR2Y	3.9	MR	ACi	23.1	9.4	0	124.5	\$284
Kruger	K2-4502 §	RR2Y	4.5	R	ACi	23.0	10.2	0	121.2	\$283
Renk	RS414NR2 §	RR2Y	4.1	R	None	22.9	9.6	0	121.1	\$282
Fontanelle	78N83 GC	RR2Y	3.8	R	ACi	22.6	9.4	0	121.1	\$278
Renk	RS383SNR2 §	RR2Y,STS	3.8	R	CMB,O	22.6	10.5	0	126.1	\$278

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Test Average = **26.0** **9.9** **0** **121.5** **\$320**

LSD (0.10) = 5.5 ns ns

C.V. = 15.6 5.1

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: Soybeans at this site emerged well and looked good early. Dry weather in July and early August really stressed this crop. Late August and September rainfall helped some, but most of the damage was done. Plants were short, 22" - 28" inches tall due to stress. Some pod shatter was observed. Weed control was good but there were a few Johnsongrass plants. No disease pressure 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

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Report date: 11/21/2013 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.