

# 2013 Soybean Top 30 Harvest Report

Iowa North [ IANO ] OSAGE  
Dale Hemann, Mitchell County, IA 50461



PREV. CROP/HERB: Corn / Lexar, Glyphosate  
SOIL DESCRIPTION: Maxfield silty clay loam, well drained, non-irrigated  
SOIL CONDITIONS: High P, mod. high K, 7 pH, 3.9% OM,  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Touchdown, FirstRate, Fusilade DX, Lorsban, Province  
SEEDED - RATE - ROW: Jun 3 155,000 /A 15" Spacing  
HARVESTED - STAND: Oct 18 153,200 /A

**Early-Season Test**  
**1.8 - 2.1 Day CRM**  
S2013IANO21a

**Top 30 of 42**

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
Steyer	1901R2	RR2Y	1.9	MR	SStd	<b>59.4</b>	11.4	0	147.1	\$754
Pfister	20R23	RR2Y	2.0	R	None	<b>58.2</b>	11.3	0	127.8	\$739
Channel	2105R2	RR2Y	2.1	MR	ACi	<b>58.2</b>	11.7	0	127.8	\$739
NuTech/G2 Gen	7208^	RR	2.0	R	SCE	57.8	11.5	0	205.2	\$734
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	57.0	13.1	0	162.6	\$724
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	56.6	11.4	0	123.9	\$719
Stine	20RD20 §	RR2Y	2.0	R	CMB	56.3	11.2	0	143.3	\$715
Great Lakes	GL2069R2	RR2Y	2.0	R	AC,PV	56.1	11.9	0	143.3	\$712
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV	55.8	12.0	0	197.5	\$709
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV	55.4	11.2	0	127.8	\$704
Cornelius	CB20R44	RR2Y	2.0	R	None	55.2	11.5	0	151.0	\$701
LG Seeds	C1917R2	RR2Y	1.9	R	AC,PV	55.2	11.7	0	147.1	\$701
Channel	1901R2	RR2Y	1.9	R	ACi	55.0	11.5	0	147.1	\$699
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	54.9	11.6	0	178.1	\$697
Champion	21R34N	RR2Y	2.1	R	CMBV	54.9	11.7	0	135.5	\$697
NuTech/G2 Gen	7183^	RR	1.8	R	SCE	54.8	10.9	0	158.7	\$696
Kruger	K2-2002	RR2Y	2.0	MR	ACi	54.4	11.5	0	178.1	\$691
Hefty	H20R3	RR2Y	2.0	MR	I	53.7	11.2	0	139.4	\$682
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	53.7	11.4	0	139.4	\$682
Hefty	H21Y11	RR2Y	2.1	MR	I	53.4	11.6	0	131.7	\$678
Federal	F183NRR2Y	RR2Y	1.8	R	ACi	53.4	11.8	0	154.9	\$678
FS Hisoy	HS 19A32	RR2Y	1.9	R	CMB	53.0	11.7	0	174.2	\$673
Kruger	K2-1902	RR2Y	1.9	R	ACi	53.0	11.7	0	139.4	\$673
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	53.0	12.0	0	193.6	\$673
NuTech/G2 Gen	7213^	RR	2.1	R	SCE	52.5	12.7	0	120.0	\$667
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	52.3	12.5	0	151.0	\$664
Stine	19RA02 §	RR2Y	1.9	R	CMB	52.1	11.9	0	170.4	\$662
Pioneer	91Y92 §	RR	1.9	R	None	52.1	12.0	0	162.6	\$662
Champion	19R72N	RR2Y	1.9	R	CMBV	52.0	11.9	0	182.0	\$660
SOI	2013NRR2Y	RR2Y	2.0	R	CMB	52.0	11.9	0	166.5	\$660
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV	56.7	11.4	0	139.4	\$720

Test Average = **53.6** **11.7** **0** **153.2** **\$681**

LSD (0.10) = 4.5 0.8 ns

C.V. = 6.2 4.7

*Corey Rozenboom*

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Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =  $\frac{\$12.70}{n/a}$  Local GMO Non-GMO

**TEST COMMENTS:** Total rainfall from May through June was more than 15" above normal in the Osage area! A June planting date was common in this area which prevented top-end yields. Despite the late start, plants established well and set pods close to the soil surface in this no-till field. Cercospora and Septoria brown spot were observed during a July visit. Plant heights at harvest ranged from 25 to 37".

† 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.

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Report date: 10/21/2013 Revised:

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Dale Hemann, Mitchell County, IA 50461



Test by: North Iowa F.I.R.S.T., Inc, Sanborn, IA

PREV. CROP/HERB: Corn / Lexar, Glyphosate  
SOIL DESCRIPTION: Maxfield silty clay loam, well drained, non-irrigated  
SOIL CONDITIONS: High P, mod. high K, 7 pH, 3.9% OM,  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Touchdown, FirstRate, Fusilade DX, Lorsban, Province  
SEEDED - RATE - ROW: Jun 3 155,000 /A 15" Spacing  
HARVESTED - STAND: Oct 18 158,700 /A

## Full-Season Test

2.2 - 2.5 Day CRM  
S2013IANO21b

## Top 30 of 54

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
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	<b>60.8</b>	12.4	0	185.9	\$772
Steyer	2501R2	RR2Y	2.5	MR	SStd	<b>60.6</b>	11.8	0	108.4	\$770
Titan Pro	25M22	RR2Y	2.5	R	CMBV	<b>59.5</b>	10.9	0	151.0	\$756
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV	<b>59.3</b>	12.0	0	162.6	\$753
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O	<b>58.8</b>	11.6	0	158.8	\$747
Kruger	K2-2402	RR2Y	2.4	R	ACi	<b>58.7</b>	11.8	0	201.3	\$745
Champion	23R73N	RR2Y	2.3	R	CMBV	58.4	11.8	0	182.0	\$742
Asgrow	AG2433 §	RR2Y	2.4	MR	AC	57.9	11.6	0	154.9	\$735
Pfister	24R29	RR2Y	2.4	R	CMB	57.8	11.5	0	154.9	\$734
Dyna-Gro	S24RY73	RR2Y	2.4	R	ACi	57.7	11.5	0	182.0	\$733
LG Seeds	C2333R2	RR2Y	2.3	R	AC,PV	57.6	11.6	0	182.0	\$732
Champion	24R74N	RR2Y	2.4	R	CMBV	57.5	12.0	0	158.8	\$730
SOI	2430RR2Y	RR2Y	2.4	S	CMB	57.4	11.3	0	135.5	\$729
Dairyland	DSR-2411/R2Y	RR2Y	2.4	S	CMB,O	57.2	11.5	0	147.1	\$726
Prairie Brand	PB-2468R2	RR2Y	2.3	R	CMBV	57.1	11.7	0	189.7	\$725
Cornelius	CB24R71	RR2Y	2.4	R	None	56.8	11.7	0	166.5	\$721
Hefty	H23R3	RR2Y	2.3	MR	I	56.8	11.8	0	143.3	\$721
FS Hisoy	HS 24A32	RR2Y	2.4	R	CMB	56.6	11.9	0	139.4	\$719
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMBV	56.3	11.1	0	154.9	\$715
Kruger	K2-2503	RR2Y	2.5	R	ACi	56.3	12.1	0	151.0	\$715
NuTech/G2 Gen	7240^	RR	2.4	R	SCE	56.2	12.6	0	197.5	\$714
Channel	2306R2	RR2Y	2.3	R	ACi	55.9	11.2	0	178.1	\$710
Renk	RS244NR2	RR2Y	2.4	R	None	55.3	12.6	0	178.1	\$702
Kruger	K2-2303	RR2Y	2.3	MR	ACi	55.2	12.5	0	154.9	\$701
Titan Pro	24M21	RR2Y	2.4	R	CMBV	54.6	13.4	0	135.5	\$693
Viking	2300R2	RR2Y	2.3	MR	ACi,Ex	54.5	11.2	0	193.6	\$692
Curry	1252	RR	2.5	R	?	54.3	12.0	0	170.4	\$690
Renk	RS241R2	RR2Y	2.4	S	CMB,O	54.1	11.4	0	135.5	\$687
NuTech/G2 Gen	7250^	RR	2.5	R	SCE	53.9	11.6	0	174.2	\$685
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi	53.7	11.1	0	158.8	\$682
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV	57.2	10.9	0	139.4	\$726
Test Average =						<b>54.7</b>	<b>11.6</b>	<b>0</b>	<b>158.7</b>	<b>\$694</b>
LSD (0.10) =						3.9	0.6	ns		
C.V. =						5.3	3.7			

*Corey Rozenboom*

corey.rozenboom@firstseedtests.com, (319) 830-8886

Yield & Income Factors	Base Moisture = 13.0%	Shrink = 1.3	Drying = \$0.020	Price = \$12.70	Local GMO
				n/a	Non-GMO

**TEST COMMENTS:** Total rainfall from May through June was more than 15" above normal in the Osage area! A June planting date was common in this area which prevented top-end yields. Despite the late start, plants established well and set pods close to the soil surface in this no-till field. Cercospora and Septoria brown spot were observed during a July visit. Plant heights at harvest ranged from 25 to 37".

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**Early-Season Test Products (42 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2031 §	RR2Y	2.0	R	ACi						
Champion	19R72N	RR2Y	1.9	R	CMBV						
Champion	21R34N	RR2Y	2.1	R	CMBV						
Channel	1901R2	RR2Y	1.9	R	ACi						
Channel	2105R2	RR2Y	2.1	MR	ACi						
Cornelius	CB18R52	RR2Y	1.8	R	None						
Cornelius	CB20R44	RR2Y	2.0	R	None						
Dyna-Gro	S19RY84	RR2Y	1.9	MR	ACi						
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi						
Federal	F183NRR2Y	RR2Y	1.8	R	ACi						
FS Hisoy	HS 19A32	RR2Y	1.9	R	CMB						
FS Hisoy	HS 20A22	RR2Y	2.0	R	CMB						
Great Lakes	GL2069R2	RR2Y	2.0	R	AC,PV						
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV						
Hefty	H20R3	RR2Y	2.0	MR	I						
Hefty	H21Y11	RR2Y	2.1	MR	I						
Kruger	K2-1901	RR2Y	1.9	R	ACi						
Kruger	K2-1902	RR2Y	1.9	R	ACi						
Kruger	K2-2002	RR2Y	2.0	MR	ACi						
LG Seeds	C1917R2	RR2Y	1.9	R	AC,PV						
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV						
NK Brand	S18-C2 §	RR2Y	1.8	R	CMBV						
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV						
NuTech/G2 Gen	7183^	RR	1.8	R	SCE						
NuTech/G2 Gen	7208^	RR	2.0	R	SCE						
NuTech/G2 Gen	7213^	RR	2.1	R	SCE						
Pfister	20R23	RR2Y	2.0	R	None						
Pioneer	91Y92 §	RR	1.9	R	None						
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV						
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV						
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV						
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV						
SOI	2013NRR2Y	RR2Y	2.0	R	CMB						
Steyer	1901R2	RR2Y	1.9	MR	SStd						
Stine	19RA02 §	RR2Y	1.9	R	CMB						
Stine	20RD20 §	RR2Y	2.0	R	CMB						
Titan Pro	20M1	RR2Y	2.0	R	CMBV						
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV						
Titan Pro	TP-19R23	RR2Y	1.9	MR	None						
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV						
Viking	1984R2N	RR2Y	1.9	R	ACi,Ex						
Viking	2000R2N	RR2Y	2.0	R	ACi,Ex						

2013 Soybean - Iowa North [ IANO ]



**Full-Season Test Products (54 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	SOI	2430RR2Y	RR2Y	2.4	S	CMB
Asgrow	AG2433 §	RR2Y	2.4	MR	AC	Steyer	2202R2	RR2Y	2.2	MR	SStd
Champion	23R73N	RR2Y	2.3	R	CMBV	Steyer	2501R2	RR2Y	2.5	MR	SStd
Champion	24R74N	RR2Y	2.4	R	CMBV	Stine	22RD00 §	RR2Y	2.2	MR	CMB
Channel	2207R2	RR2Y	2.2	R	ACi	Titan Pro	23M9	RR2Y	2.3	S	CMBV
Channel	2306R2	RR2Y	2.3	R	ACi	Titan Pro	24M21	RR2Y	2.4	R	CMBV
Cornelius	CB22R60	RR2Y	2.2	R	None	Titan Pro	25M22	RR2Y	2.5	R	CMBV
Cornelius	CB24R71	RR2Y	2.4	R	None	Viking	2144R2N	RR2Y	2.1	R	None
Cornelius	CB24R99	RR2Y	2.4	S	None	Viking	2300R2	RR2Y	2.3	MR	ACi,Ex
Croplan	R2C2200 §	RR2Y	2.1	R	None						
Curry	1221	RR	2.2	R	None						
Curry	1252	RR	2.5	R	?						
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O						
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O						
Dairyland	DSR-2411/R2Y	RR2Y	2.4	S	CMB,O						
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi						
Dyna-Gro	S24RY73	RR2Y	2.4	R	ACi						
Federal	F224NRR2Y	RR2Y	2.2	R	ACi						
FS Hisoy	HS 22A21	RR2Y	2.2	R	CMB						
FS Hisoy	HS 24A01	RR2Y	2.4	S	CMB						
FS Hisoy	HS 24A32	RR2Y	2.4	R	CMB						
FS Hisoy	HS 25A22	RR2Y	2.5	R	CMB						
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV						
Great Lakes	GL2319R2	RR2Y	2.3	R	AC,PV						
Hefty	H23R3	RR2Y	2.3	MR	I						
Hefty	H25Y12	RR2Y	2.5	MR	I						
Kruger	K2-2201	RR2Y	2.2	R	ACi						
Kruger	K2-2303	RR2Y	2.3	MR	ACi						
Kruger	K2-2402	RR2Y	2.4	R	ACi						
Kruger	K2-2503	RR2Y	2.5	R	ACi						
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV						
LG Seeds	C2333R2	RR2Y	2.3	R	AC,PV						
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV						
NuTech/G2 Gen	7240^	RR	2.4	R	SCE						
NuTech/G2 Gen	7250^	RR	2.5	R	SCE						
Pfister	22R20	RR2Y	2.2	R	None						
Pfister	24R29	RR2Y	2.4	R	CMB						
Pioneer	92Y30 §	RR	2.3	R	None						
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV						
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMBV						
Prairie Brand	PB-2468R2	RR2Y	2.3	R	CMBV						
Prairie Brand	PB-2506R2	RR2Y	2.5	R	CMBV						
Renk	RS241R2	RR2Y	2.4	S	CMB,O						
Renk	RS244NR2	RR2Y	2.4	R	None						
SOI	2208NRR2Y	RR2Y	2.2	R	None						

## 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® - sulfonylurea 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.