

## 2013 Soybean Top 30 Harvest Report

Iowa North [ IANO ] ALGONA

Merlin Eischeid, Kossuth County, IA 50511



PREV. CROP/HERB: Corn / Harness, Roundup  
 SOIL DESCRIPTION: Clarion clay loam, well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.8 pH, 3% OM,  
 TILLAGE/CULTIVATION: Minimum w/ fall till  
 PEST MANAGEMENT: Matador, Roundup, Select Max  
 SEEDED - RATE - ROW: Jun 20 170,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 19 165,500 /A

### Early-Season Test

1.8 - 2.1 Day CRM

S2013IANO20a

### 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
Federal	F183NRR2Y	RR2Y	1.8	R	ACi	54.5	11.2	0	170.4	\$692
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	54.2	10.6	0	205.2	\$688
FS Hisoy	HS 19A32	RR2Y	1.9	R	CMB	53.4	10.5	3	154.9	\$678
Cornelius	CB18R52	RR2Y	1.8	R	None	53.2	10.0	0	182.0	\$676
FS Hisoy	HS 20A22	RR2Y	2.0	R	CMB	52.9	11.2	0	193.6	\$672
Titan Pro	20M1	RR2Y	2.0	R	CMBV	52.5	11.1	0	182.0	\$667
Steyer	1901R2	RR2Y	1.9	MR	SStd	52.4	10.2	0	166.5	\$665
Champion	21R34N	RR2Y	2.1	R	CMBV	52.1	11.1	0	166.5	\$662
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV	52.0	10.4	0	174.2	\$660
Kruger	K2-1902	RR2Y	1.9	R	ACi	51.6	11.4	0	147.1	\$655
NuTech/G2 Gen	7208^	RR	2.0	R	SCE	51.4	10.8	0	166.5	\$653
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV	51.2	10.9	0	193.6	\$650
Champion	19R72N	RR2Y	1.9	R	CMBV	50.9	11.2	0	185.9	\$646
Channel	2105R2	RR2Y	2.1	MR	ACi	50.8	10.8	0	201.3	\$645
Channel	1901R2	RR2Y	1.9	R	ACi	50.8	11.3	0	185.9	\$645
Great Lakes	GL2069R2	RR2Y	2.0	R	AC,PV	50.7	10.6	0	182.0	\$644
Pfister	20R23	RR2Y	2.0	R	None	50.7	11.1	0	151.0	\$644
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	50.6	10.8	0	120.1	\$643
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	50.4	10.5	0	170.4	\$640
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	50.1	10.5	0	193.6	\$636
Stine	20RD20 §	RR2Y	2.0	R	CMB	50.1	11.5	0	151.0	\$636
SOI	2013NRR2Y	RR2Y	2.0	R	CMB	50.0	10.3	0	182.0	\$635
Stine	19RA02 §	RR2Y	1.9	R	CMB	49.9	10.9	0	147.1	\$634
Kruger	K2-2002	RR2Y	2.0	MR	ACi	49.8	10.4	0	166.5	\$632
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV	49.2	10.9	0	127.8	\$625
Kruger	K2-1901	RR2Y	1.9	R	ACi	48.7	10.9	0	162.6	\$618
Viking	2000R2N	RR2Y	2.0	R	ACi,Ex	48.7	11.2	0	170.4	\$618
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	48.3	11.2	0	178.1	\$613
NuTech/G2 Gen	7183^	RR	1.8	R	SCE	48.0	10.4	0	185.9	\$610
Cornelius	CB20R44	RR2Y	2.0	R	None	47.9	11.0	0	151.0	\$608
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV	52.2	11.0	0	151.0	\$663

Test Average = **49.6** **10.9** **0** **165.5** **\$630**  
 LSD (0.10) = 3.4 ns ns  
 C.V. = 5.0 5.8

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:** Soil conditions at planting were marginal due to chronic wet weather that delayed planting and prevented drying to optimal conditions. Planting rate was increased due to the later planting date. Plants were healthy through much of the season noting only a little Cercospora and Septoria brown spot. Vegetative growth was limited, resulting in shorter plants (29 to 41") with no lodging.

† 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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Merlin Eischeid, Kossuth County, IA 50511



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

PREV. CROP/HERB: Corn / Harness, Roundup  
SOIL DESCRIPTION: Clarion clay loam, well drained, non-irrigated  
SOIL CONDITIONS: High P, high K, 6.8 pH, 3% OM,  
TILLAGE/CULTIVATION: Minimum w/ fall till  
PEST MANAGEMENT: Matador, Roundup, Select Max  
SEEDED - RATE - ROW: Jun 20 170,000 /A 15" Spacing  
HARVESTED - STAND: Oct 19 163,500 /A

### Full-Season Test

2.2 - 2.5 Day CRM  
S2013IANO20b

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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
Kruger	K2-2402	RR2Y	2.4	R	ACi	<b>56.3</b>	10.4	0	151.0	\$715
Dyna-Gro	S24RY73	RR2Y	2.4	R	ACi	<b>54.4</b>	10.4	0	201.3	\$691
Prairie Brand	PB-2468R2	RR2Y	2.3	R	CMBV	<b>53.9</b>	10.1	0	209.1	\$685
FS Hisoy	HS 22A21	RR2Y	2.2	R	CMB	<b>53.4</b>	9.8	0	123.9	\$678
LG Seeds	C2333R2	RR2Y	2.3	R	AC,PV	<b>53.3</b>	10.6	0	193.6	\$677
Pfister	24R29	RR2Y	2.4	R	CMB	<b>53.2</b>	9.6	0	162.6	\$676
Channel	2306R2	RR2Y	2.3	R	ACi	<b>53.2</b>	11.2	0	189.7	\$676
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	52.4	10.8	5	182.0	\$665
Steyer	2202R2	RR2Y	2.2	MR	SStd	52.3	11.0	0	174.2	\$664
Kruger	K2-2201	RR2Y	2.2	R	ACi	51.9	11.1	0	158.8	\$659
Titan Pro	25M22	RR2Y	2.5	R	CMBV	51.5	10.8	0	147.1	\$654
Champion	23R73N	RR2Y	2.3	R	CMBV	51.2	11.0	0	139.4	\$650
Kruger	K2-2503	RR2Y	2.5	R	ACi	51.1	11.1	0	166.5	\$649
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O	50.6	10.6	0	189.7	\$643
Asgrow	AG2433 §	RR2Y	2.4	MR	AC	50.5	10.4	0	182.0	\$641
FS Hisoy	HS 25A22	RR2Y	2.5	R	CMB	50.5	10.8	0	158.8	\$641
Champion	24R74N	RR2Y	2.4	R	CMBV	49.9	11.4	0	182.0	\$634
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV	49.8	11.1	3	205.2	\$632
Channel	2207R2	RR2Y	2.2	R	ACi	49.7	11.0	0	162.6	\$631
Steyer	2501R2	RR2Y	2.5	MR	SStd	49.3	10.6	0	154.9	\$626
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi	49.3	10.7	0	139.4	\$626
Kruger	K2-2303	RR2Y	2.3	MR	ACi	49.1	10.0	0	147.1	\$624
Viking	2144R2N	RR2Y	2.1	R	None	49.1	10.9	0	189.7	\$624
NuTech/G2 Gen	7240^	RR	2.4	R	SCE	48.8	10.3	0	205.2	\$620
Great Lakes	GL2319R2	RR2Y	2.3	R	AC,PV	48.5	10.7	0	143.3	\$616
Stine	22RD00 §	RR2Y	2.2	MR	CMB	48.4	10.1	0	170.4	\$615
Cornelius	CB24R71	RR2Y	2.4	R	None	48.4	11.4	0	151.0	\$615
FS Hisoy	HS 24A32	RR2Y	2.4	R	CMB	48.3	10.9	0	154.9	\$613
Pioneer	92Y30 §	RR	2.3	R	None	48.2	10.8	0	193.6	\$612
Curry	1221	RR	2.2	R	None	48.1	10.5	0	170.4	\$611
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV	51.6	10.3	0	162.6	\$655

Test Average = **49.0** **10.7** **0** **163.5** **\$623**  
LSD (0.10) = 4.2 ns ns  
C.V. = 6.3 6.1

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

**TEST COMMENTS:** Soil conditions at planting were marginal due to chronic wet weather that delayed planting and prevented drying to optimal conditions. Planting rate was increased due to the later planting date. Plants were healthy through much of the season noting only a little Cercospora and Septoria brown spot. Vegetative growth was limited, resulting in shorter plants (29 to 41") with no lodging.

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Report date: 10/21/2013 Revised:

**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.