

**2013 Soybean Top 30 Harvest Report**  
 Iowa North [ IANO ] NEW HAMPTON  
 Mark Bruening, Chickasaw County, IA 50659



PREV. CROP/HERB: Corn / Halex GT, Lumax  
 SOIL DESCRIPTION: Clyde silty clay loam, well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.8 pH, 5.5% OM,  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Valor XLT, Roundup  
 SEEDED - RATE - ROW: Jun 11 170,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 18 160,200 /A

**Early-Season Test**  
**1.8 - 2.1 Day CRM**  
 S2013IANO22a

**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
Kruger	K2-1902	RR2Y	1.9	R	ACi	<b>46.1</b>	14.0	0	151.0	\$585
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV	<b>45.5</b>	14.3	0	154.9	\$577
FS Hisoy	HS 20A22	RR2Y	2.0	R	CMB	<b>44.9</b>	13.3	0	189.7	\$570
NK Brand	S18-C2 §	RR2Y	1.8	R	CMBV	<b>44.8</b>	13.3	0	131.6	\$569
Cornelius	CB20R44	RR2Y	2.0	R	None	<b>44.6</b>	13.4	0	189.7	\$566
Kruger	K2-2002	RR2Y	2.0	MR	ACi	<b>44.5</b>	13.7	0	182.0	\$565
Cornelius	CB18R52	RR2Y	1.8	R	None	<b>44.5</b>	15.4	0	170.4	\$563
Federal	F183NRR2Y	RR2Y	1.8	R	ACi	<b>44.3</b>	14.1	0	193.6	\$562
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	43.8	13.7	0	197.5	\$556
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	43.2	13.9	0	213.0	\$548
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	42.9	13.7	0	170.4	\$544
Channel	2105R2	RR2Y	2.1	MR	ACi	42.8	13.6	0	178.1	\$543
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	42.0	13.3	0	158.8	\$533
Steyer	1901R2	RR2Y	1.9	MR	SStd	42.0	13.5	0	139.4	\$533
Great Lakes	GL2069R2	RR2Y	2.0	R	AC,PV	42.0	13.9	0	193.6	\$533
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV	41.7	14.0	0	162.6	\$529
Channel	1901R2	RR2Y	1.9	R	ACi	41.6	13.9	0	162.6	\$528
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV	41.5	14.7	0	174.2	\$526
Stine	20RD20 §	RR2Y	2.0	R	CMB	41.4	13.7	0	143.3	\$525
Viking	1984R2N	RR2Y	1.9	R	ACi,Ex	41.2	12.8	0	112.3	\$523
Pfister	20R23	RR2Y	2.0	R	None	41.2	13.3	0	147.1	\$523
Dyna-Gro	S19RY84	RR2Y	1.9	MR	ACi	41.0	15.4	0	174.2	\$519
NuTech/G2 Gen	7183^	RR	1.8	R	SCE	40.5	13.1	0	166.5	\$514
Hefty	H21Y11	RR2Y	2.1	MR	I	40.5	14.8	0	62.0	\$513
Champion	21R34N	RR2Y	2.1	R	CMBV	40.4	13.6	0	143.3	\$513
LG Seeds	C1917R2	RR2Y	1.9	R	AC,PV	40.3	13.6	0	151.0	\$511
FS Hisoy	HS 19A32	RR2Y	1.9	R	CMB	40.2	13.9	0	185.9	\$510
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV	40.1	13.7	0	158.8	\$509
Pioneer	91Y92 §	RR	1.9	R	None	40.1	14.5	0	151.0	\$508
Stine	19RA02 §	RR2Y	1.9	R	CMB	39.6	13.7	0	131.6	\$502
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV	41.2	13.6	0	166.5	\$523

*Corey Rozenboom*

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Test Average = **40.7** **13.8** **0** **160.2** **\$517**  
 LSD (0.10) = 3.3 0.8 ns  
 C.V. = 6.0 4.1

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

**TEST COMMENTS:** Spring brought very wet weather and challenging planting conditions to this no-till site. Mark was able to plant his surrounding field during a narrow dry window a week earlier than us and yielded nearly 50 bu/a. Due to the late planting date, seeding rate was increased and emergence was good. The dry July to August weather and high aphid populations contributed to reduced seed sizes.

† 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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TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Valor XLT, Roundup  
SEEDED - RATE - ROW: Jun 11 170,000 /A 15" Spacing  
HARVESTED - STAND: Oct 18 148,400 /A

**Full-Season Test**  
**2.2 - 2.5 Day CRM**  
S2013IANO22b

**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>45.3</b>	13.5	0	154.9	\$575
Dyna-Gro	S24RY73	RR2Y	2.4	R	ACi	<b>43.4</b>	13.0	0	182.0	\$551
Asgrow	AG2433 §	RR2Y	2.4	MR	AC	<b>43.1</b>	13.3	0	189.7	\$547
Kruger	K2-2402	RR2Y	2.4	R	ACi	<b>42.4</b>	13.0	0	147.1	\$538
Steyer	2501R2	RR2Y	2.5	MR	SStd	<b>42.2</b>	13.8	0	147.1	\$535
Prairie Brand	PB-2468R2	RR2Y	2.3	R	CMBV	<b>42.1</b>	13.5	0	162.6	\$534
Pioneer	92Y30 §	RR	2.3	R	None	<b>42.1</b>	14.3	0	158.8	\$534
Pfister	24R29	RR2Y	2.4	R	CMB	<b>42.0</b>	13.1	0	151.0	\$533
Federal	F224NRR2Y	RR2Y	2.2	R	ACi	<b>41.9</b>	13.0	0	143.3	\$532
LG Seeds	C2333R2	RR2Y	2.3	R	AC,PV	<b>41.9</b>	13.7	0	189.7	\$532
Stine	22RD00 §	RR2Y	2.2	MR	CMB	<b>41.8</b>	12.4	0	143.3	\$531
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	<b>41.4</b>	13.2	0	139.4	\$526
Great Lakes	GL2319R2	RR2Y	2.3	R	AC,PV	<b>41.2</b>	12.6	0	147.1	\$523
Kruger	K2-2201	RR2Y	2.2	R	ACi	<b>41.2</b>	13.1	0	135.5	\$523
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV	<b>40.8</b>	14.0	0	162.6	\$517
Kruger	K2-2503	RR2Y	2.5	R	ACi	40.4	13.9	0	123.9	\$512
Steyer	2202R2	RR2Y	2.2	MR	SStd	40.3	13.7	0	178.1	\$511
FS Hisoy	HS 22A21	RR2Y	2.2	R	CMB	40.0	13.7	0	154.9	\$507
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi	38.9	12.9	0	135.5	\$494
Titan Pro	24M21	RR2Y	2.4	R	CMBV	38.6	14.6	0	178.1	\$489
Titan Pro	23M9	RR2Y	2.3	S	CMBV	38.3	14.7	0	139.4	\$485
Curry	1221	RR	2.2	R	None	38.2	14.0	0	143.3	\$484
Pfister	22R20	RR2Y	2.2	R	None	37.8	13.3	0	108.4	\$480
FS Hisoy	HS 25A22	RR2Y	2.5	R	CMB	37.8	14.0	0	139.4	\$479
Hefty	H25Y12	RR2Y	2.5	MR	I	37.7	15.2	0	151.0	\$477
Channel	2306R2	RR2Y	2.3	R	ACi	37.4	13.2	0	162.6	\$475
NuTech/G2 Gen	7240^	RR	2.4	R	SCE	37.4	13.4	0	158.8	\$475
Croplan	R2C2200 §	RR2Y	2.1	R	None	37.3	14.1	0	139.4	\$473
Kruger	K2-2303	RR2Y	2.3	MR	ACi	36.9	14.2	0	158.8	\$468
Titan Pro	25M22	RR2Y	2.5	R	CMBV	36.6	13.1	0	116.2	\$465
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV	<b>43.0</b>	13.7	0	182.0	\$545
Test Average =						<b>37.7</b>	<b>13.6</b>	<b>0</b>	<b>148.4</b>	<b>\$478</b>
LSD (0.10) =						3.1	1.0	ns		
C.V. =						6.2	5.2			

*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 /n/a    Local GMO / Non-GMO

**TEST COMMENTS:** Spring brought very wet weather and challenging planting conditions to this no-till site. Mark was able to plant his surrounding field during a narrow dry window a week earlier than us and yielded nearly 50 bu/a. Due to the late planting date, seeding rate was increased and emergence was good. The dry July to August weather and high aphid populations contributed to reduced seed sizes

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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.