

# 2014 Soybean Top 30 Harvest Report

Iowa North Central [ IANC ] MOORLAND  
 Jeff Loehr, Webster County, IA 50566



PREV. CROP/HERB: Corn / Outlook, Impact, Atrazine  
 SOIL DESCRIPTION: Nicollet-Webster loam, well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 7 pH, 4.5 % OM  
 TILLAGE/CULTIVATION: Minimum w/ fall till  
 PEST MANAGEMENT: Trifluralin, Sharpen, Glyphosate, Select  
 SEEDED - RATE - ROW: May 16 167,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 10 152,900 /A

## Early-Season Test

2.1 - 2.4 Day RM

S2014IANC02a

## Top 30 of 48

For Gross Income (Sorted by 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
FS Hisoy	HS 23A42	RR2Y	2.30	R	ACi	69.1	12.1	1	154.9	\$608
Asgrow	AG2232 §	RR2Y	2.20	R	ACi	69.0	11.5	1	139.4	\$607
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	67.2	12.4	1	158.7	\$591
Kruger	K2-2103	RR2Y	2.10	R	ACi	65.6	12.0	1	151.0	\$577
Prairie Brand	PB-2024R2	RR2Y	2.00	R	CMBV	65.3	11.8	1	154.9	\$575
Cornelius	CB21R24	RR2Y	2.10	R	CCB	65.0	11.8	1	147.1	\$572
Federal	F235NRR2Y	RR2Y	2.30	R	CCB	63.8	11.4	1	147.1	\$561
Renze	24R25R2cn	RR2Y	2.40	R	CMB	63.5	11.2	1	151.0	\$559
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV	63.1	11.7	1	151.0	\$555
Cornelius	CB23R98	RR2Y	2.30	R	CCB	62.9	11.5	1	158.7	\$554
SOI	2486NRR2Y	RR2Y	2.40	R	None	62.7	13.3	1	158.7	\$551
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	62.4	11.6	1	154.9	\$549
Pioneer	P22T69R §	RR	2.20	R	EE,G	62.3	10.5	1	162.6	\$548
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV	61.5	12.1	1	166.5	\$541
Channel	2306R2	RR2Y	2.30	R	ACi	61.0	11.9	1	147.1	\$537
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB	61.0	12.2	1	143.3	\$537
Pfister	22R20	RR2Y	2.20	R	CCB	60.9	12.2	1	154.9	\$536
Federal	F224NRR2Y	RR2Y	2.20	R	CCB	60.7	12.3	1	158.7	\$534
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB	60.5	11.9	1	139.4	\$532
Cornelius	CB22R60	RR2Y	2.20	R	CCB	60.5	12.3	1	166.5	\$532
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV	60.0	12.1	1	154.9	\$528
Kruger	K2-2201	RR2Y	2.20	R	ACi	60.0	12.3	1	147.1	\$528
Titan Pro	TP-21R63	RR2Y	2.10	R	CCB	60.0	12.7	1	158.8	\$528
Titan Pro	22M12	RR2Y	2.20	R	CCB	59.7	11.6	1	147.1	\$525
Stine	22RD00 §	RR2Y	2.20	MR	None	59.7	12.2	1	147.1	\$525
Renze	22R33R2cn	RR2Y	2.20	R	CMB	59.4	12.1	1	143.3	\$523
Pfister	24R22	RR2Y	2.40	R	CCB	59.4	12.1	1	154.9	\$523
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV	59.3	12.7	1	147.1	\$522
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV	59.0	12.2	1	139.4	\$519
Stine	24RE03 §	RR2Y	2.40	MR	None	58.7	11.9	1	166.5	\$517
Croplan	R2T2501 CK	RR2Y	2.40	R	None	57.2	12.6	1	151.0	\$503

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

Test Average =	59.2	12.0	1	152.9	\$521
LSD (0.10) =	4.6	0.9	ns		
LSD (0.25) =	3.2	0.6	ns		
C.V. =	5.7	5.6			

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =  $\frac{\$8.80}{\$8.80}$  GMO Non-GMO

**TEST COMMENTS:** This site was planted into no-tilled corn on a well-drained area of the field. Final germination across the test area averaged 93%. June total rainfall was 6+'' above the 30-yr average. This site didn't receive all of the extreme storms found at other testing sites in this region. July rainfall was nearly 2.5'' below average. A late-July visit revealed very healthy plants and only a few aphids.

† See last page for abbreviation descriptions. Results in bold are significantly above test average by LSD (0.10). ns = column values not significantly different.

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Report date: 10/11/2014 Revised:

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 TILLAGE/CULTIVATION: Minimum w/ fall till  
 PEST MANAGEMENT: Trifluralin, Sharpen, Glyphosate, Select  
 SEEDED - RATE - ROW: May 16 167,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 10 157,300 /A

**Full-Season Test**  
**2.5 - 2.8 Day CRM**  
 S2014IANC02b

## Top 30 of 42

For Gross Income (Sorted by 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
FS Hisoy	HS 25A42	RR2Y	2.50	R	ACi	65.6	10.8	1	154.9	\$577
NK Brand	S26-P3 §	RR2Y	2.60	MR	CCB	63.4	12.6	1	147.1	\$558
Cornelius	CB26R30	RR2Y	2.60	S	CCB	63.1	11.4	1	158.8	\$555
Latham	L2884R2	RR2Y	2.80	R	CCB	62.9	11.5	1	154.9	\$554
Steyer	2503R2	RR2Y,ST	2.50	MR	CMBV	61.9	12.6	1	158.8	\$545
Dyna-Gro	S26RS75	RR2Y,ST	2.60	R	CMBV	61.5	12.9	1	154.9	\$541
Stine	26RD02 §	RR2Y	2.60	R	None	61.0	11.4	1	154.9	\$537
Latham	L2645R2	RR2Y	2.60	S	CCB	60.9	11.4	1	166.5	\$536
Kruger	K2-2503	RR2Y	2.50	R	ACi	60.4	11.2	1	158.8	\$532
Latham	L2758R2	RR2Y	2.70	R	CCB	60.0	10.9	1	143.3	\$528
Prairie Brand	PB-2600R2	RR2Y	2.60	MR	CMBV	60.0	11.4	1	154.9	\$528
Steyer	2805R2	RR2Y	2.80	MR	CMBV	59.3	11.0	1	147.1	\$522
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR	CMB	59.2	11.5	1	154.9	\$521
FS Hisoy	HS 28A02	RR2Y	2.80	R	CMBV	58.8	10.6	1	158.8	\$517
Cornelius	CB28R58	RR2Y	2.80	R	CCB	58.7	11.3	1	143.3	\$517
Dyna-Gro	S25RY44	RR2Y	2.50	R	CMBV	58.3	10.4	1	166.5	\$513
Titan Pro	25M22	RR2Y	2.50	R	CCB	58.1	10.9	1	151.0	\$511
Pioneer	92Y51 §	RR	2.50	R	EE,G	57.6	11.6	1	158.8	\$507
FS Hisoy	HS 26A32	RR2Y	2.60	R	CMBV	56.8	10.8	1	143.3	\$500
Cornelius	CB27R83	RR2Y	2.70	R	CCB	56.8	11.0	1	147.1	\$500
Kruger	K2-2803	RR2Y	2.80	R	ACi	56.5	11.0	1	154.9	\$497
Kruger	K2-2805	RR2Y	2.80	R	ACi	56.4	11.4	1	162.6	\$496
Champion	26R83N	RR2Y	2.60	MR	CMBV	56.4	11.8	1	154.9	\$496
NK Brand	S27-J7 §	RR2Y	2.70	R	CCB	56.3	12.1	1	166.5	\$495
Pfister	28R21	RR2Y	2.80	R	CCB	55.9	11.0	1	166.5	\$492
LG Seeds	C2744R2	RR2Y	2.70	R	AC,PV	55.8	11.0	1	162.6	\$491
Steyer	2604R2	RR2Y	2.60	S	CMBV	55.6	11.4	1	151.0	\$489
Prairie Brand	PB-2997R2	RR2Y	2.90	R	CMBV	55.5	10.5	1	162.6	\$488
Latham	E2778R2	RR2Y	2.70	R	CCB	54.6	10.3	1	166.5	\$480
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV	54.4	11.3	1	158.8	\$479
Croplan	R2T2501 CK	RR2Y	2.40	R	None	58.4	12.5	1	166.5	\$514

*Corey Rozenboom*

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

Test Average =	56.3	11.3	1	157.3	\$495
LSD (0.10) =	4.2	0.8	ns		
LSD (0.25) =	3.0	0.5	ns		
C.V. =	5.5	5.1			

**Yield & Income Factors** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =  $\frac{\$8.80}{\$8.80}$  GMO Non-GMO

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## 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 are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a Syngenta Group Company.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

### Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonylurea herbicide tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybean Seed Treatments\*

?	Information not provided	DST	Dominance ST
A	Allegiance®	EE	Evergol™ Energy
AC	Accelaron® fungicide products	G	Gaucho®
ACi	Accelaron® fungicide and insecticide products	I	Inovate™ System
AM	ApronMaxx®	M	Maxim®
AP	Apron XL®	None	untreated
AVB	Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
C	Cruiser®	PV	Poncho®/Votivo®
CCB	Clariva Complete Beans	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

\* Seed treatments may include unspecified plant health promoting components.