

# 2014 Soybean Top 30 Harvest Report

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



PREV. CROP/HERB: Corn / Lexar, Roundup  
SOIL DESCRIPTION: Dinsdale silty clay loam, well drained, non-irrigated  
SOIL CONDITIONS: High P, high K, 7.1 pH, 4.3 % OM  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Optill PRO, Roundup, Lorsban, Province  
SEEDED - RATE - ROW: May 20 167,000 /A 15" Spacing  
HARVESTED - STAND: Oct 11 144,100 /A

## Early-Season Test

1.8 - 2.1 Day RM

S2014IANO03a

## 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
Kruger	K2-2103	RR2Y	2.10	R	ACi	53.8	9.6	0	135.5	\$473
FS Hisoy	HS 19A42	RR2Y	1.90	R	ACi	52.1	9.2	0	131.7	\$458
Latham	L1968R2	RR2Y	1.90	R	CCB	52.0	9.5	0	166.5	\$458
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	51.9	8.5	0	139.4	\$457
Dyna-Gro	S20RY45	RR2Y	2.00	R	CMBV	51.7	9.5	0	151.0	\$455
Pfister	19R24	RR2Y	1.90	R	CCB	51.1	8.9	0	158.8	\$450
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV	51.0	9.1	0	147.1	\$449
Latham	L1858R2	RR2Y	1.80	R	SS+	50.6	9.4	0	147.1	\$445
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	50.1	9.3	0	143.3	\$441
Renk	RS195NR2	RR2Y	1.90	R	None	49.8	9.7	0	151.0	\$438
Viking	1909R2N	RR2Y	1.90	R	None	49.7	9.2	0	151.0	\$437
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	49.5	9.7	0	154.9	\$436
Titan Pro	TP-20R44	RR2Y	2.00	R	CCB	49.2	9.1	0	151.0	\$433
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	48.9	8.9	0	135.5	\$430
Hefty	H20Y12	RR2Y	2.00	MR	DST	48.7	8.7	0	151.0	\$429
Hefty	H18R5	RR2Y	1.80	MR	DST	48.7	9.1	0	139.4	\$429
Champion	20R35N	RR2Y	2.00	MR	CMBV	48.7	10.0	0	139.4	\$429
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV	48.5	10.1	0	147.1	\$427
Latham	L2058R2	RR2Y	2.00	R	CCB	48.3	9.7	0	147.1	\$425
Kruger	K2-1801	RR2Y	1.80	R	ACi	48.1	8.8	0	154.9	\$423
Hefty	H20R5	RR2Y	2.00	MR	DST	48.1	9.7	0	135.5	\$423
Stine	20RD20 §	RR2Y	2.00	R	None	47.5	10.7	0	151.0	\$418
Cornelius	CB21R24	RR2Y	2.10	R	CCB	47.2	8.8	0	143.3	\$415
Renze	20R04R2cn	RR2Y	2.00	R	CMB	47.0	10.9	0	143.3	\$414
Cornelius	CB20R44	RR2Y	2.00	R	CCB	47.0	10.9	0	143.3	\$414
Pfister	20R23	RR2Y	2.00	R	CCB	46.9	10.8	0	135.5	\$413
Stine	19RA02 §	RR2Y	1.90	R	None	46.7	8.3	0	143.3	\$411
Cornelius	CB18R52	RR2Y	1.80	R	CCB	46.7	9.1	0	147.1	\$411
Channel	1901R2	RR2Y	1.90	R	ACi	46.6	9.5	0	143.3	\$410
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV	46.5	9.6	0	143.3	\$409
Croplan	R2C2263 CK	RR2Y	2.20	R	CMBV	47.0	9.6	0	151.0	\$414

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

Test Average =	47.1	9.6	0	144.1	\$414
LSD (0.10) =	3.5	0.7	ns		
LSD (0.25) =	2.4	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

**TEST COMMENTS:** Final germination across the test area averaged 85%. Rainfall during June was nearly 8" above the 30-yr average. An extended dry spell ensued from July 1 to Aug 17. During a July visit, plants appeared healthy with a few aphids that were later sprayed. No foliar diseases were noted. Plants were short and pods were set very close to the ground with some basal lateral branching.

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

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report date: 10/13/2014 Revised:

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PEST MANAGEMENT: Optill PRO, Roundup, Lorsban, Province  
SEEDED - RATE - ROW: May 20 167,000 /A 15" Spacing  
HARVESTED - STAND: Oct 11 140,000 /A

**Full-Season Test**  
**2.2 - 2.5 Day CRM**  
S2014IANO03b

## 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
Prairie Brand	PB-X14201R2	RR2Y	2.00	R	CMBV	53.6	9.6	0	147.1	\$472
Latham	E2328R2	RR2Y	2.30	R	CCB	53.1	9.4	0	143.3	\$467
Channel	2306R2	RR2Y	2.30	R	ACi	52.9	10.3	0	147.1	\$466
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	52.4	10.2	0	162.6	\$461
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV	50.9	11.2	0	143.3	\$448
Renk	RS241R2	RR2Y	2.40	S	CMB	50.1	10.8	0	166.5	\$441
Titan Pro	22M12	RR2Y	2.20	R	CCB	49.7	10.0	0	139.4	\$437
FS Hisoy	HS 24A44	RR2Y	2.40	R	ACi	48.2	10.6	0	123.9	\$424
Dairyland	DST24-006/R2Y	RR2Y	2.40	R	CMB	48.0	11.0	0	139.4	\$422
Pioneer	92Y22 §	RR	2.20	R	EE,G	47.9	9.7	0	135.5	\$422
Titan Pro	25M22	RR2Y	2.50	R	CCB	47.8	12.6	0	151.0	\$421
Asgrow	AG2232 §	RR2Y	2.20	R	ACi	47.5	13.3	0	158.8	\$418
Renze	24R25R2cn	RR2Y	2.40	R	CMB	47.0	9.6	0	151.0	\$414
FS Hisoy	HS 23A42	RR2Y	2.30	R	ACi	46.7	9.5	0	143.3	\$411
Hefty	H23R5	RR2Y	2.30	MR	DST	46.7	10.0	0	123.9	\$411
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	46.4	9.9	0	127.8	\$408
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV	46.4	10.0	0	131.7	\$408
Viking	2301R2N	RR2Y	2.30	R	None	46.2	9.8	0	127.8	\$407
Kruger	K2-2403	RR2Y	2.40	R	ACi	46.2	10.3	0	147.2	\$407
FS Hisoy	HS 22A21	RR2Y	2.20	R	CMBV	45.9	9.5	0	131.7	\$404
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB	45.4	10.4	0	139.4	\$400
FS Hisoy	HS 24A42	RR2Y	2.40	R	ACi	45.3	10.1	0	123.9	\$399
Cornelius	CB22R60	RR2Y	2.20	R	CCB	45.2	9.8	0	166.5	\$398
Pioneer	P22T69R §	RR	2.20	R	EE,G	45.2	10.0	0	162.6	\$398
Renze	22R33R2cn	RR2Y	2.20	R	CMB	45.0	9.9	0	127.8	\$396
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV	44.8	9.8	0	143.3	\$394
Stine	22RD00 §	RR2Y	2.20	MR	None	44.8	9.9	0	139.4	\$394
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV	44.8	10.0	0	143.2	\$394
Kruger	K2-2201	RR2Y	2.20	R	ACi	44.7	9.9	0	131.7	\$393
Pfister	22R20	RR2Y	2.20	R	CCB	44.7	10.0	0	135.5	\$393
Croplan	R2C2263 CK	RR2Y	2.20	R	CMBV	46.8	9.8	0	123.9	\$412

*Corey Rozenboom*

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Test Average =	44.9	10.9	0	140.0	\$395
LSD (0.10) =	3.7	1.0	ns		
LSD (0.25) =	2.6	0.7	ns		
C.V. =	6.1	6.6			

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

**TEST COMMENTS:** Final germination across the test area averaged 85%. Rainfall during June was nearly 8" above the 30-yr average. An extended dry spell ensued from July 1 to Aug 17. During a July visit, plants appeared healthy with a few aphids that were later sprayed. No foliar diseases were noted. Plants were short and pods were set very close to the ground with some basal lateral branching.

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Report date: 10/13/2014

Revised:

10/18/2014

Pioneer 92Y22 omitted from initial report, now ranked 10th

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2014 Soybean - Iowa North [ IANO ]



Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt
Asgrow	AG2232 §	RR2Y	2.20	R	ACi		Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	
Asgrow	AG2433 §	RR2Y	2.40	MR	ACi		Titan Pro	TP-24R24	RR2Y	2.40	R	CCB	
Champion	25R95N	RR2Y	2.50	MR	CMBV		Viking	2301R2N	RR2Y	2.30	R	None	
Channel	2306R2	RR2Y	2.30	R	ACi								
Cornelius	CB22R60	RR2Y	2.20	R	CCB								
Cornelius	CB23R98	RR2Y	2.30	R	CCB								
Cornelius	CB25R78	RR2Y	2.50	R	CCB								
Croplan	R2C2263 CK	RR2Y	2.20	R	CMBV								
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB								
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB								
Dairyland	DST24-006/R2Y	RR2Y	2.40	R	CMB								
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV								
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV								
FS Hisoy	HS 22A21	RR2Y	2.20	R	CMBV								
FS Hisoy	HS 23A42	RR2Y	2.30	R	ACi								
FS Hisoy	HS 24A42	RR2Y	2.40	R	ACi								
FS Hisoy	HS 24A44	RR2Y	2.40	R	ACi								
Hefty	H23R5	RR2Y	2.30	MR	DST								
Hefty	H24R5	RR2Y	2.40	MR	DST								
Hefty	H25R5	RR2Y	2.50	MR	DST								
Kruger	K2-2201	RR2Y	2.20	R	ACi								
Kruger	K2-2402	RR2Y	2.40	R	ACi								
Kruger	K2-2403	RR2Y	2.40	R	ACi								
Kruger	K2-2503	RR2Y	2.50	R	ACi								
Latham	E2328R2	RR2Y	2.30	R	CCB								
Latham	L2253R2	RR2Y	2.20	R	CCB								
Latham	L2384R2	RR2Y	2.30	R	SS+								
Latham	L2448R2	RR2Y	2.40	R	CCB								
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV								
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV								
NK Brand	S24-K2 §	RR2Y	2.40	S	CMBV								
Pfister	22R20	RR2Y	2.20	R	CCB								
Pfister	24R22	RR2Y	2.40	R	CCB								
Pioneer	92Y22 §	RR	2.20	R	EE,G								
Pioneer	P22T69R §	RR	2.20	R	EE,G								
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV								
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV								
Prairie Brand	PB-X14201R2	RR2Y	2.00	R	CMBV								
Renk	RS224NR2	RR2Y	2.20	R	None								
Renk	RS241R2	RR2Y	2.40	S	CMB								
Renze	22R33R2cn	RR2Y	2.20	R	CMB								
Renze	24R25R2cn	RR2Y	2.40	R	CMB								
Stine	22RD00 §	RR2Y	2.20	MR	None								
Titan Pro	22M12	RR2Y	2.20	R	CCB								
Titan Pro	25M22	RR2Y	2.50	R	CCB								

## 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. VPM maxx® 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®, VPM maxx® 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	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® 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.