

2014 Soybean Top 30 Harvest Report
 Iowa Northwest [IANW] ALBERT CITY
 Bloom Family Farms, Buena Vista County, IA 51052



PREV. CROP/HERB: Corn / Surpass, Callisto, Durango
 SOIL DESCRIPTION: Nicollet-Clarion loam, well drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 7.5 pH, 3 % OM
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Sonic, Durango, FirstRate, Fusilade DX
 SEEDED - RATE - ROW: May 17 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 9 151,300 /A

Early-Season Test

2.1 - 2.4 Day RM

S2014IANW03a

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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
Renk	RS213NR2	RR2Y	2.10	R	CMB	65.7	12.1	1	162.6	\$578
Kruger	K2-2103	RR2Y	2.10	R	ACi	65.6	11.9	1	147.1	\$577
Channel	2108R2	RR2Y	2.10	R	ACi	64.9	12.0	1	147.1	\$571
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB	62.7	11.9	1	166.5	\$552
Champion	242R	RR2Y	2.40	S	CCB	62.1	12.0	1	151.0	\$546
Channel	2105R2	RR2Y	2.10	MR	ACi	62.0	12.7	1	154.9	\$546
Federal	F205NRR2Y	RR2Y	2.00	R	CCB	61.5	11.8	1	147.1	\$541
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	61.3	11.9	1	143.3	\$539
Asgrow	AG2232 §	RR2Y	2.20	R	ACi	61.3	12.8	6	139.4	\$539
SOI	2430RR2Y	RR2Y	2.40	S	None	61.2	11.8	1	139.4	\$539
Renze	24R25R2cn	RR2Y	2.40	R	CMB	60.2	11.6	1	147.1	\$530
Channel	2306R2	RR2Y	2.30	R	ACi	59.8	11.7	1	143.3	\$526
Hefty	H20Y12	RR2Y	2.00	MR	DST	59.5	11.5	1	170.4	\$524
Titan Pro	22M12	RR2Y	2.20	R	CCB	59.3	12.0	1	154.9	\$522
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV	59.3	12.0	1	158.7	\$522
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	59.2	11.8	1	158.7	\$521
Pioneer	P22T69R §	RR	2.20	R	EE,G	58.8	11.4	1	154.9	\$517
Stine	24RE03 §	RR2Y	2.40	MR	None	58.7	12.2	1	154.9	\$517
Latham	L2128R2	RR2Y	2.10	R	CCB	58.5	11.7	1	170.4	\$515
Renk	RS224NR2	RR2Y	2.20	R	None	58.5	11.7	1	166.5	\$515
Renze	22R33R2cn	RR2Y	2.20	R	CMB	58.4	11.6	1	151.0	\$514
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV	58.4	11.8	1	166.5	\$514
Kruger	K2-2201	RR2Y	2.20	R	ACi	58.4	11.9	1	143.3	\$514
Latham	L2253R2	RR2Y	2.20	R	CCB	58.4	12.1	1	162.6	\$514
Kruger	K2-2403	RR2Y	2.40	R	ACi	58.3	12.1	1	139.4	\$513
Asgrow	AG2433 §	RR2Y	2.40	MR	ACi	58.3	12.2	1	154.9	\$513
Federal	F235NRR2Y	RR2Y	2.30	R	CCB	58.1	11.7	1	143.3	\$511
Titan Pro	TP-21R63	RR2Y	2.10	R	CCB	58.1	11.8	1	143.3	\$511
Stine	22RD00 §	RR2Y	2.20	MR	None	58.0	11.7	1	143.3	\$510
Hefty	H21Y11	RR2Y	2.10	R	DST	57.9	11.6	1	151.0	\$510
Croplan	R2T2501 CK	RR2Y	2.40	R	None	60.3	12.1	1	143.3	\$531

Corey Rozenboom

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

Test Average =	58.3	12.0	1	151.3	\$513
LSD (0.10) =	3.5	0.6	ns		
LSD (0.25) =	2.4	0.4	ns		
C.V. =	4.4	3.7			

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. Big June storms included 1.49", 4.54" and 3.44" on June 1, 14 and 16, respectively. Plants were tall and disease-free aside from some bacterial pustule late July. Rainfall on Sept 30 was 9.65" over the 30-yr average. Temps approached freezing on Sept 12. Pod load was excellent from bottom to top with large seed.

† 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

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Report date: 10/10/2014 Revised:

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 SEEDED - RATE - ROW: May 17 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 9 151,700 /A

Full-Season Test
2.5 - 2.8 Day CRM
 S2014IANW03b

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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
Titan Pro	25M22	RR2Y	2.50	R	CCB	61.9	11.5	4	151.0	\$545
Latham	L2645R2	RR2Y	2.60	S	CCB	61.8	12.0	1	147.1	\$544
Prairie Brand	PB-2600R2	RR2Y	2.60	MR	CMBV	61.7	12.4	1	151.0	\$543
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR	CMB	60.7	12.2	1	158.8	\$534
Channel	2508R2	RR2Y	2.50	R	ACi	59.3	11.5	1	147.1	\$522
Latham	L2758R2	RR2Y	2.70	R	CCB	58.6	11.0	1	135.5	\$516
Dyna-Gro	S25RY44	RR2Y	2.50	R	CMBV	58.6	11.2	1	162.6	\$516
Champion	26R83N	RR2Y	2.60	MR	CMBV	58.6	11.6	1	166.5	\$516
Pfister	26R29	RR2Y	2.60	R	CCB	58.6	13.1	1	147.1	\$516
Asgrow	AG2733 §	RR2Y	2.70	MR	ACi	58.3	11.5	1	154.9	\$513
Latham	L2884R2	RR2Y	2.80	R	CCB	58.0	12.5	1	154.9	\$510
Pioneer	92Y51 §	RR	2.50	R	EE,G	57.7	10.8	1	162.6	\$508
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV	57.7	11.1	1	158.8	\$508
Dairyland	DSR-2612/R2Y	RR2Y	2.60	R	CMB	57.3	13.2	1	135.5	\$504
LG Seeds	C2534R2	RR2Y	2.50	R	AC,PV	56.8	12.2	1	154.9	\$500
Hefty	H28R4	RR2Y	2.80	MR	DST	56.8	13.0	1	143.3	\$500
Stine	26RD02 §	RR2Y	2.60	R	None	56.7	11.2	1	135.5	\$499
Pioneer	92Y74 §	RR	2.70	R	EE,G	56.7	11.7	1	151.0	\$499
Latham	L2585R2	RR2Y	2.50	MR	CCB	56.7	11.8	1	139.4	\$499
Croplan	R2C2800	RR2Y	2.80	R	None	56.4	13.2	1	166.5	\$496
Hefty	H25R5	RR2Y	2.50	MR	DST	56.3	11.6	1	151.0	\$495
Kruger	K2-2803	RR2Y	2.80	R	ACi	56.3	14.9	1	139.4	\$493
NK Brand	S28-A2 §	RR2Y	2.80	R	CCB	55.9	12.2	1	147.1	\$492
Dyna-Gro	38RY28	RR2Y	2.80	R	CMBV	55.8	14.2	1	147.1	\$490
Hefty	H28R5	RR2Y	2.80	MR	DST	55.7	14.8	1	143.3	\$488
Prairie Brand	PB-2788R2	RR2Y	2.70	R	CMB	55.6	12.9	1	154.9	\$489
Kruger	K2-2503	RR2Y	2.50	R	ACi	55.1	11.2	1	151.0	\$485
Titan Pro	TP-27R54	RR2Y	2.70	R	CCB	55.1	11.3	1	143.3	\$485
Channel	2808R2	RR2Y	2.80	R	ACi	55.1	14.9	1	143.3	\$483
Hefty	H27R5	RR2Y	2.70	MR	DST	55.0	12.7	1	162.6	\$484
Croplan	R2T2501 CK	RR2Y	2.40	R	None	60.7	12.2	4	143.3	\$534

Corey Rozenboom

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Test Average =	57.0	12.4	1	151.7	\$501
LSD (0.10) =	3.3	1.8	ns		
LSD (0.25) =	2.3	1.2	ns		
C.V. =	4.3	10.4			

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

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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	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.