

2014 Soybean Top 30 Harvest Report

Iowa Northwest [IANW] GALVA
Klint Cork, Ida County, IA 51020



PREV. CROP/HERB: Corn / Halex GT, Headline
SOIL DESCRIPTION: Galva silty clay loam, well drained, non-irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5 % OM
TILLAGE/CULTIVATION: Minimum w/ fall till
PEST MANAGEMENT: Prowl, Optill, Roundup, Warrant, Select, Priaxor, Warrior
SEEDED - RATE - ROW: May 15 167,000 /A 15" Spacing
HARVESTED - STAND: Oct 14 153,400 /A

Early-Season Test

2.1 - 2.4 Day RM

S2014IANW04a

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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
Champion	242R	RR2Y	2.40	S	CCB	68.8	13.5	4	154.9	\$605
Channel	2108R2	RR2Y	2.10	R	ACi	68.5	14.3	4	151.0	\$601
Channel	2306R2	RR2Y	2.30	R	ACi	68.0	14.3	4	139.4	\$597
Federal	F205NRR2Y	RR2Y	2.00	R	CCB	67.9	13.7	4	154.9	\$597
Titan Pro	22M12	RR2Y	2.20	R	CCB	67.7	12.9	4	151.0	\$596
Kruger	K2-2103	RR2Y	2.10	R	ACi	67.7	14.4	4	158.7	\$594
Renk	RS213NR2	RR2Y	2.10	R	CMB	67.5	13.8	4	143.3	\$593
Champion	21R34N	RR2Y	2.10	MR	CMBV	67.2	12.3	4	139.4	\$591
Channel	2105R2	RR2Y	2.10	MR	ACi	67.2	13.2	4	158.7	\$591
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB	66.8	13.6	4	166.5	\$587
Latham	L2128R2	RR2Y	2.10	R	CCB	66.1	13.6	4	154.9	\$581
SOI	2430RR2Y	RR2Y	2.40	S	None	65.9	13.3	4	135.5	\$580
NK Brand	S24-K2 §	RR2Y	2.40	S	CMBV	65.1	14.3	4	154.9	\$571
Stine	24RE03 §	RR2Y	2.40	MR	None	65.0	13.9	4	166.5	\$571
SOI	2208NRR2Y	RR2Y	2.20	R	None	64.9	13.1	4	143.3	\$571
Renk	RS224NR2	RR2Y	2.20	R	None	64.9	13.7	4	151.0	\$570
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	64.7	14.2	4	151.0	\$568
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV	64.2	14.5	4	162.6	\$563
Titan Pro	TP-21R63	RR2Y	2.10	R	CCB	63.9	13.6	4	166.5	\$562
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	63.8	12.8	4	154.9	\$561
Pioneer	P22T69R §	RR	2.20	R	EE,G	63.8	12.8	4	154.9	\$561
Federal	F235NRR2Y	RR2Y	2.30	R	CCB	63.8	13.4	4	147.1	\$561
Asgrow	AG2232 §	RR2Y	2.20	R	ACi	63.8	13.9	4	166.5	\$560
Titan Pro	TP-24R24	RR2Y	2.40	R	CCB	63.7	14.0	4	135.5	\$559
LG Seeds	C2333R2	RR2Y	2.30	R	AC,PV	63.6	13.3	4	154.9	\$559
Stine	22RD00 §	RR2Y	2.20	MR	None	63.6	13.8	4	170.4	\$559
Latham	L2448R2	RR2Y	2.40	R	CCB	63.6	14.0	4	135.5	\$558
Hefty	H23R5	RR2Y	2.30	MR	DST	63.3	12.6	4	151.0	\$557
Asgrow	AG2433 §	RR2Y	2.40	MR	ACi	63.3	12.9	4	166.5	\$557
Hefty	H20Y12	RR2Y	2.00	MR	DST	63.2	11.9	4	151.0	\$556
Croplan	R2T2501 CK	RR2Y	2.40	R	None	62.2	14.3	4	139.4	\$546

Corey Rozenboom

Corey Rozenboom
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Test Average =	63.7	13.6	4	153.4	\$560
LSD (0.10) =	3.4	1.0	ns		
LSD (0.25) =	2.4	0.7	ns		
C.V. =	3.9	5.5			

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

TEST COMMENTS: *The area stayed wet through most of June that brought nearly 17" of rainfall for the month. Another 11" in Aug left plenty of moisture to keep this test site going. Plants were healthy and insect-free through late July. Plants were tall and leaning uniformly but not heavily lodged making harvest easy. Seed sizes were recorded to be near 2300 seeds/lb.*

† 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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 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Prowl, Optill, Roundup, Warrant, Select, Priaxor, Warrior
 SEEDED - RATE - ROW: May 15 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 14 155,300 /A

Full-Season Test

2.5 - 2.8 Day CRM

S2014IANW04b

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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
Latham	L2645R2	RR2Y	2.60	S	CCB	66.2	14.0	4	154.9	\$581
Titan Pro	25M22	RR2Y	2.50	R	CCB	65.9	13.4	4	170.4	\$579
Prairie Brand	PB-2600R2	RR2Y	2.60	MR	CMBV	65.7	14.0	4	154.9	\$577
Asgrow	AG2733 §	RR2Y	2.70	MR	ACi	65.5	13.6	4	151.0	\$576
Hefty	H28R4	RR2Y	2.80	MR	DST	64.7	14.4	11	151.0	\$568
Latham	L2585R2	RR2Y	2.50	MR	CCB	64.2	15.3	11	154.9	\$562
Pioneer	92Y74 §	RR	2.70	R	EE,G	64.1	13.5	4	162.6	\$563
Latham	L2758R2	RR2Y	2.70	R	CCB	64.1	13.6	4	143.3	\$563
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR	CMB	64.0	13.5	4	158.8	\$563
Dyna-Gro	S25RY44	RR2Y	2.50	R	CMBV	63.8	12.6	4	151.0	\$561
LG Seeds	C2534R2	RR2Y	2.50	R	AC,PV	63.6	13.5	4	166.5	\$559
Prairie Brand	PB-2788R2	RR2Y	2.70	R	CMB	63.3	14.1	4	162.6	\$556
Hefty	H28R5	RR2Y	2.80	MR	DST	63.0	15.3	4	154.9	\$552
Hefty	H25R5	RR2Y	2.50	MR	DST	62.1	14.2	4	143.3	\$545
Stine	26RD02 §	RR2Y	2.60	R	None	61.4	14.5	4	147.1	\$538
Titan Pro	TP-27R54	RR2Y	2.70	R	CCB	61.1	13.1	4	162.6	\$538
LG Seeds	C2744R2	RR2Y	2.70	R	AC,PV	61.1	14.1	4	151.0	\$536
Hefty	H27R5	RR2Y	2.70	MR	DST	61.1	14.6	4	166.5	\$536
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV	60.9	13.6	4	154.9	\$535
Champion	25R95N	RR2Y	2.50	MR	CMBV	60.9	13.9	4	162.6	\$535
Latham	L2884R2	RR2Y	2.80	R	CCB	60.9	14.2	4	166.5	\$534
Kruger	K2-2503	RR2Y	2.50	R	ACi	60.8	14.6	4	154.9	\$533
Channel	2508R2	RR2Y	2.50	R	ACi	60.6	14.4	4	158.8	\$532
Champion	26R83N	RR2Y	2.60	MR	CMBV	60.3	14.6	4	162.6	\$529
Pioneer	92Y51 §	RR	2.50	R	EE,G	59.9	13.6	4	143.3	\$526
Channel	2706R2	RR2Y	2.70	MR	ACi	59.5	14.0	4	143.3	\$522
NK Brand	S28-A2 §	RR2Y	2.80	R	CCB	59.3	13.6	4	151.0	\$521
Pfister	26R29	RR2Y	2.60	R	CCB	59.0	13.5	4	170.4	\$519
Dairyland	DSR-2612/R2Y	RR2Y	2.60	R	CMB	58.6	13.6	4	158.8	\$515
Dyna-Gro	38RY28	RR2Y	2.80	R	CMBV	57.6	14.1	4	162.6	\$506
Croplan	R2T2501 CK	RR2Y	2.40	R	None	62.7	14.4	4	151.0	\$550

Test Average =	61.4	14.1	5	155.3	\$539
LSD (0.10) =	3.6	0.6	ns		
LSD (0.25) =	2.5	0.4	ns		
C.V. =	4.3	3.3			

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

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Additional reports available at www.firstseedtests.com

Report date: 10/15/2014 Revised:

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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. 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	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.