

2013 Soybean Top 30 Harvest Report

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



PREV. CROP/HERB: Corn / Halex GT
SOIL DESCRIPTION: Primghar silty clay loam, well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.5 pH, 3.7% OM,
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Roundup PowerMax, Intensity
SEEDED - RATE - ROW: May 31 155,000 /A 15" Spacing
HARVESTED - STAND: Oct 8 150,100 /A

Early-Season Test

2.1 - 2.4 Day CRM
S2013IANW30a

Top 30 of 45

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
Renk	RS244NR2	RR2Y	2.4	R	None	63.2	13.7	0	158.7	\$802
Hefty	H23R3	RR2Y	2.3	MR	I	63.1	13.5	0	131.7	\$801
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV	62.9	13.4	0	174.2	\$798
Champion	21R34N	RR2Y	2.1	R	CMBV	62.8	13.3	0	131.7	\$797
Asgrow	AG2433 §	RR2Y	2.4	MR	AC	62.1	13.2	0	147.1	\$788
Kruger	K2-2402	RR2Y	2.4	R	ACi	62.1	13.4	0	166.5	\$788
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O	61.6	13.5	0	147.1	\$782
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	61.4	13.5	0	123.9	\$779
Channel	2105R2	RR2Y	2.1	MR	ACi	61.4	13.7	0	131.7	\$779
Channel	2306R2	RR2Y	2.3	R	ACi	61.2	13.2	0	139.4	\$777
Pfister	24R29	RR2Y	2.4	R	CMB	61.0	14.0	0	143.3	\$773
Kruger	K2-2201	RR2Y	2.2	R	ACi	60.9	13.3	0	174.2	\$773
Titan Pro	TP-22R13	RR2Y	2.2	R	CMBV	60.6	13.3	0	147.1	\$769
Champion	24R74N	RR2Y	2.4	R	CMBV	60.1	13.8	0	185.9	\$762
Great Lakes	GL2289R2	RR2Y	2.2	R	AC,PV	60.0	13.3	0	135.5	\$762
Channel	2207R2	RR2Y	2.2	R	ACi	59.5	13.5	0	135.5	\$755
Champion	23R73N	RR2Y	2.3	R	CMBV	59.4	13.4	0	158.8	\$754
NK Brand	S24-K2 §	RR2Y	2.4	S	CMBV	59.3	13.2	0	131.7	\$753
Stine	24RD03 §	RR2Y	2.4	MR	CMB	59.3	13.5	0	162.6	\$753
NuTech/G2 Gen	7213^	RR	2.1	R	SCE	59.2	14.2	0	166.5	\$750
Channel	2402R2	RR2Y	2.4	S	ACi	59.0	13.4	0	135.5	\$749
Renk	RS241R2	RR2Y	2.4	S	CMB,O	59.0	13.8	0	151.0	\$748
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	58.8	13.2	0	139.4	\$747
Federal	F224NRR2Y	RR2Y	2.2	R	ACi	58.7	13.3	0	154.9	\$745
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMBV	58.7	13.6	0	166.5	\$745
Titan Pro	23M9	RR2Y	2.3	S	CMBV	58.5	13.4	0	131.7	\$742
Stine	22RD00 §	RR2Y	2.2	MR	CMB	58.4	13.3	0	143.3	\$741
Kruger	K2-2301	RR2Y	2.3	S	ACi	58.4	13.5	0	123.9	\$741
Renk	RS224NR2	RR2Y	2.2	R	None	58.3	13.2	0	185.9	\$740
Pioneer	92Y22 §	RR	2.2	R	None	58.2	13.0	0	170.4	\$739
Latham	L2483R2 CK	RR2Y	2.4	R	SS+	60.2	13.5	0	158.8	\$764

Corey Rozenboom

Test Average = **59.2** **13.4** **0** **150.1** **\$752**
LSD (0.10) = 3.4 0.3 ns
C.V. = 4.2 1.6

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

TEST COMMENTS: After a late start following a soggy spring, this no-till site had plenty of moisture at the beginning of flowering through June. Dry conditions during July through August followed leaving the area nearly 4.5 inches short of normal. Pods were very close to the ground among many varieties at harvest and plant heights ranged from 22 to 37 inches.

† 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: 10/9/2013 Revised:

2013 Soybean Top 30 Harvest Report

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Klint Cork, Ida County, IA 51020



Test by: North Iowa F.I.R.S.T., Inc, Sanborn, IA

PREV. CROP/HERB: Corn / Halex GT
SOIL DESCRIPTION: Primghar silty clay loam, well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.5 pH, 3.7% OM,
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Roundup PowerMax, Intensity
SEEDED - RATE - ROW: May 31 155,000 /A 15" Spacing
HARVESTED - STAND: Oct 8 161,500 /A

Full-Season Test

2.5 - 2.8 Day CRM
S2013IANW30b

Top 30 of 45

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
Prairie Brand	PB-2544R2	RR2Y	2.6	MR	CMBV	67.9	13.2	0	154.9	\$862
Latham	L2585R2	RR2Y	2.5	R	SS+	67.5	13.5	0	143.3	\$857
Dyna-Gro	S25RY44	RR2Y	2.5	R	ACi	66.9	12.6	0	178.1	\$850
Hefty	H25Y12	RR2Y	2.5	MR	I	66.9	12.9	0	154.9	\$850
Latham	L2648R2	RR2Y	2.6	R	SS+	66.9	13.0	0	185.8	\$850
NuTech/G2 Gen	7250^	RR	2.5	R	SCE	66.5	13.0	0	151.0	\$845
Renk	RS283NR2	RR2Y	2.8	R	None	66.2	12.8	0	162.6	\$841
Kruger	K2-2602	RR2Y	2.6	MR	ACi	66.0	12.7	0	151.0	\$838
Channel	2706R2	RR2Y	2.7	MR	ACi	65.3	12.6	0	178.1	\$829
Stine	28RE20	RR2Y	2.8	R	None	65.0	12.8	0	193.6	\$826
Stine	26RD02 §	RR2Y	2.6	R	CMB	64.9	12.6	0	135.5	\$824
Curry	1252	RR	2.5	R	?	64.4	12.7	0	158.7	\$818
Titan Pro	27M32	RR2Y	2.7	R	CMBV	64.4	12.8	0	185.9	\$818
Hefty	H27R3	RR2Y	2.7	MR	I	64.1	13.0	0	143.3	\$814
Kruger	K2-2704	RR2Y	2.7	R	ACi	64.1	13.4	0	135.5	\$814
Great Lakes	GL2829R2	RR2Y	2.8	R	AC,PV	63.5	12.5	0	151.0	\$806
Prairie Brand	PB-2650R2	RR2Y	2.6	S	CMBV	63.5	13.2	0	166.5	\$806
Kruger	K2-2503	RR2Y	2.5	R	ACi	63.4	12.3	0	201.4	\$805
Dyna-Gro	39RY25	RR2Y	2.5	S	ACi	63.4	13.0	0	139.4	\$805
NK Brand	S25-E5 §	RR2Y	2.5	R	CMBV	63.3	12.3	0	154.9	\$804
Hefty	H26R3S	RR2Y	2.6	S	I	63.2	12.9	0	174.2	\$803
Champion	27R84N	RR2Y	2.7	R	CMBV	63.2	13.4	0	162.6	\$802
Federal	F263NRR2Y	RR2Y	2.6	R	ACi	63.1	13.0	0	147.1	\$801
Pioneer	P28T33R §	RR	2.8	R	EE,G	63.1	13.3	0	154.9	\$801
Asgrow	AG2733 §	RR2Y	2.7	R	ACi	62.5	12.8	0	154.9	\$794
Pfister	28R21	RR2Y	2.8	R	CMB	62.5	13.3	0	174.2	\$793
Pioneer	92Y51 §	RR	2.5	R	None	62.4	12.4	0	139.4	\$792
Dyna-Gro	S27RY03	RR2Y	2.7	R	ACi	62.4	12.6	0	170.4	\$792
Hefty	H26R3	RR2Y	2.6	MR	I	62.3	12.6	0	166.5	\$791
LG Seeds	C2835R2	RR2Y	2.8	R	AC,PV	62.1	13.1	0	189.7	\$789
Latham	L2483R2 CK	RR2Y	2.4	R	SS+	63.1	12.6	0	162.6	\$801

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Test Average = **62.6** **13.3** **0** **161.5** **\$795**
LSD (0.10) = 4.0 0.6 ns
C.V. = 4.7 3.5

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

TEST COMMENTS: After a late start following a soggy spring, this no-till site had plenty of moisture at the beginning of flowering through June. Dry conditions during July through August followed leaving the area nearly 4.5 inches short of normal. Pods were very close to the ground among many varieties at harvest and plant heights ranged from 22 to 37 inches.

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Report date: 10/9/2013 Revised:

Early-Season Test Products (45 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						
Asgrow	AG2433 §	RR2Y	2.4	MR	AC						
Champion	21R34N	RR2Y	2.1	R	CMBV						
Champion	23R73N	RR2Y	2.3	R	CMBV						
Champion	24R74N	RR2Y	2.4	R	CMBV						
Channel	2105R2	RR2Y	2.1	MR	ACi						
Channel	2207R2	RR2Y	2.2	R	ACi						
Channel	2306R2	RR2Y	2.3	R	ACi						
Channel	2402R2	RR2Y	2.4	S	ACi						
Croplan	R2C2200	RR2Y	2.1	R	None						
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						
Federal	F224NRR2Y	RR2Y	2.2	R	ACi						
Great Lakes	GL2289R2	RR2Y	2.2	R	AC,PV						
Great Lakes	GL2319R2	RR2Y	2.3	R	AC,PV						
Hefty	H21Y11	RR2Y	2.1	MR	I						
Hefty	H23R3	RR2Y	2.3	MR	I						
Kruger	K2-2201	RR2Y	2.2	R	ACi						
Kruger	K2-2301	RR2Y	2.3	S	ACi						
Kruger	K2-2303	RR2Y	2.3	MR	ACi						
Kruger	K2-2402	RR2Y	2.4	R	ACi						
Latham	L2483R2 CK	RR2Y	2.4	R	SS+						
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV						
NK Brand	S22-F8	RR2Y	2.2	S	CMBV						
NK Brand	S24-K2 §	RR2Y	2.4	S	CMBV						
NuTech/G2 Gen	7213^	RR	2.1	R	SCE						
NuTech/G2 Gen	7240^	RR	2.4	R	SCE						
Pfister	22R20	RR2Y	2.2	R	None						
Pfister	24R29	RR2Y	2.4	R	CMB						
Pioneer	92Y22 §	RR	2.2	R	None						
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV						
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV						
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMBV						
Renk	RS224NR2	RR2Y	2.2	R	None						
Renk	RS241R2	RR2Y	2.4	S	CMB,O						
Renk	RS244NR2	RR2Y	2.4	R	None						
SOI	2208NRR2Y	RR2Y	2.2	R	None						
SOI	2430RR2Y	RR2Y	2.4	S	CMB						
Stine	22RD00 §	RR2Y	2.2	MR	CMB						
Stine	24RD03 §	RR2Y	2.4	MR	CMB						
Titan Pro	22M12	RR2Y	2.2	R	CMBV						
Titan Pro	23M9	RR2Y	2.3	S	CMBV						
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV						
Titan Pro	TP-22R13	RR2Y	2.2	R	CMBV						

2013 Soybean - Iowa Northwest [IANW]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2534	RR2Y	2.5	R	ACi						
Asgrow	AG2733 §	RR2Y	2.7	R	ACi						
Champion	27R84N	RR2Y	2.7	R	CMBV						
Channel	2605R2	RR2Y	2.6	R	ACi						
Channel	2706R2	RR2Y	2.7	MR	ACi						
Curry	1252	RR	2.5	R	?						
Curry	1277	RR	2.7	R	?						
Dyna-Gro	39RY25	RR2Y	2.5	S	ACi						
Dyna-Gro	S25RY44	RR2Y	2.5	R	ACi						
Dyna-Gro	S27RY03	RR2Y	2.7	R	ACi						
Federal	F263NRR2Y	RR2Y	2.6	R	ACi						
Federal	F284NRR2Y	RR2Y	2.8	R	ACi						
Great Lakes	GL2829R2	RR2Y	2.8	R	AC,PV						
Hefty	H25Y12	RR2Y	2.5	MR	I						
Hefty	H26R3	RR2Y	2.6	MR	I						
Hefty	H26R3S	RR2Y	2.6	S	I						
Hefty	H27R3	RR2Y	2.7	MR	I						
Kruger	K2-2503	RR2Y	2.5	R	ACi						
Kruger	K2-2602	RR2Y	2.6	MR	ACi						
Kruger	K2-2704	RR2Y	2.7	R	ACi						
Kruger	K2-2803	RR2Y	2.8	R	ACi						
Latham	L2483R2 CK	RR2Y	2.4	R	SS+						
Latham	L2585R2	RR2Y	2.5	R	SS+						
Latham	L2648R2	RR2Y	2.6	R	SS+						
LG Seeds	C2672R2	RR2Y	2.6	R	AC,PV						
LG Seeds	C2835R2	RR2Y	2.8	R	AC,PV						
NK Brand	S25-E5 §	RR2Y	2.5	R	CMBV						
NK Brand	S28-U7 §	RR2Y	2.8	S	CMBV						
NuTech/G2 Gen	7250^	RR	2.5	R	SCE						
NuTech/G2 Gen	7261^	RR	2.6	R	SCE						
NuTech/G2 Gen	7273^	RR	2.7	R	SCE						
NuTech/G2 Gen	7286^	RR	2.8	R	SCE						
Pfister	28R21	RR2Y	2.8	R	CMB						
Pioneer	92Y51 §	RR	2.5	R	None						
Pioneer	P28T33R §	RR	2.8	R	EE,G						
Prairie Brand	PB-2506R2	RR2Y	2.5	R	CMBV						
Prairie Brand	PB-2544R2	RR2Y	2.6	MR	CMBV						
Prairie Brand	PB-2650R2	RR2Y	2.6	S	CMBV						
Prairie Brand	PB-2668R2	RR2Y	2.6	R	CMBV						
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CMBV						
Renk	RS283NR2	RR2Y	2.8	R	None						
SOI	2520SRR2Y	RR2Y	2.5	S	None						
Stine	26RD02 §	RR2Y	2.6	R	CMB						
Stine	28RE20	RR2Y	2.8	R	None						
Titan Pro	27M32	RR2Y	2.7	R	CMBV						

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.