

2013 Soybean Top 30 Harvest Report

Iowa Northwest [IANW] MARCUS

Tom Lehnhoff, Cherokee County, IA 51035



PREV. CROP/HERB: Corn / Balance Flexx, Durango
 SOIL DESCRIPTION: Galva silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.9 pH, 4% OM,
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Sonic, Durango, Fusilade DX, Headline Amp
 SEEDED - RATE - ROW: May 24 155,000 /A 15" Spacing
 HARVESTED - STAND: Oct 8 154,400 /A

Early-Season Test

2.1 - 2.4 Day CRM

S2013IANW29a

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-2419RR2	RR2Y	2.3	S	CMBV	76.3	11.5	0	127.8	\$969
Channel	2402R2	RR2Y	2.4	S	ACi	76.2	11.2	0	178.1	\$968
Renk	RS244NR2	RR2Y	2.4	R	None	75.6	12.1	0	143.3	\$960
Dairyland	DSR-2411/R2Y	RR2Y	2.4	S	CMB,O	75.1	11.1	0	170.4	\$954
SOI	2430RR2Y	RR2Y	2.4	S	CMB	74.6	11.5	0	158.8	\$947
Kruger	K2-2301	RR2Y	2.3	S	ACi	74.3	11.4	0	151.0	\$944
NK Brand	S22-F8	RR2Y	2.2	S	CMBV	74.2	11.8	0	139.4	\$942
NK Brand	S24-K2 §	RR2Y	2.4	S	CMBV	73.1	11.8	0	174.2	\$928
Champion	21R34N	RR2Y	2.1	R	CMBV	73.0	11.2	0	143.3	\$927
Renk	RS241R2	RR2Y	2.4	S	CMB,O	72.6	11.4	0	131.6	\$922
Channel	2207R2	RR2Y	2.2	R	ACi	72.4	11.5	0	170.4	\$919
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV	72.3	12.1	0	162.6	\$918
Asgrow	AG2433 §	RR2Y	2.4	MR	AC	72.2	11.6	0	174.2	\$917
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O	72.1	12.0	0	151.0	\$916
Champion	23R73N	RR2Y	2.3	R	CMBV	72.1	12.4	0	151.0	\$916
Channel	2105R2	RR2Y	2.1	MR	ACi	72.0	12.0	0	170.4	\$914
Hefty	H23R3	RR2Y	2.3	MR	I	71.8	11.8	0	147.1	\$912
Pfister	24R29	RR2Y	2.4	R	CMB	71.7	11.7	0	182.0	\$911
Kruger	K2-2303	RR2Y	2.3	MR	ACi	71.7	12.8	0	158.8	\$911
Champion	24R74N	RR2Y	2.4	R	CMBV	71.5	12.3	0	139.4	\$908
Kruger	K2-2402	RR2Y	2.4	R	ACi	71.4	11.3	0	201.4	\$907
Titan Pro	TP-22R13	RR2Y	2.2	R	CMBV	71.1	12.1	0	162.6	\$903
Titan Pro	23M9	RR2Y	2.3	S	CMBV	70.8	11.3	0	158.8	\$899
Stine	24RD03 §	RR2Y	2.4	MR	CMB	70.7	12.0	0	162.6	\$898
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	70.2	12.1	0	182.0	\$892
Kruger	K2-2201	RR2Y	2.2	R	ACi	69.3	11.4	0	147.1	\$880
Titan Pro	22M12	RR2Y	2.2	R	CMBV	69.3	11.6	0	174.3	\$880
Channel	2306R2	RR2Y	2.3	R	ACi	68.3	12.3	0	120.0	\$867
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	67.9	11.3	0	162.6	\$862
Stine	22RD00 §	RR2Y	2.2	MR	CMB	67.9	11.6	0	154.9	\$862
Latham	L2483R2 CK	RR2Y	2.4	R	SS+	73.2	12.1	0	170.4	\$930

Test Average = **70.4** **11.7** **0** **154.4** **\$894**

LSD (0.10) = 4.6 0.4 ns

C.V. = 4.8 2.3

Corey Rozenboom

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

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: While wet conditions in May moved planting dates back later than normal. Plants grew well at this no-till site and remained healthy all season. Internodes were short and pod load was consistent from top to bottom. Many varieties set pods close to the soil surface. Well-timed August rain provided large seed. Plants stood well during harvest and no lodging of plant heights from 24 to 38".

† 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: 10/10/2013 Revised:

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TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Sonic, Durango, Fusilade DX, Headline Amp
SEEDED - RATE - ROW: May 24 155,000 /A 15" Spacing
HARVESTED - STAND: Oct 8 167,100 /A

Full-Season Test
2.5 - 2.8 Day CRM
S2013IANW29b

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
Stine	26RD02 §	RR2Y	2.6	R	CMB	74.7	12.2	0	158.8	\$949
Prairie Brand	PB-2668R2	RR2Y	2.6	R	CMBV	74.6	11.7	0	166.5	\$947
Kruger	K2-2503	RR2Y	2.5	R	ACi	74.5	11.8	0	143.2	\$946
Hefty	H26R3	RR2Y	2.6	MR	I	73.7	11.7	0	158.8	\$936
Dyna-Gro	S25RY44	RR2Y	2.5	R	ACi	73.2	12.1	0	154.9	\$930
Channel	2706R2	RR2Y	2.7	MR	ACi	73.0	11.0	0	151.0	\$927
SOI	2520SRR2Y	RR2Y	2.5	S	None	72.9	12.0	0	158.7	\$926
NuTech/G2 Gen	7261 ^	RR	2.6	R	SCE	72.9	12.4	0	170.3	\$926
Dyna-Gro	S27RY03	RR2Y	2.7	R	ACi	72.8	11.4	0	162.6	\$925
Latham	L2648R2	RR2Y	2.6	R	SS+	72.7	11.8	0	178.1	\$923
NK Brand	S25-E5 §	RR2Y	2.5	R	CMBV	72.5	11.1	0	170.4	\$921
Dyna-Gro	39RY25	RR2Y	2.5	S	ACi	72.5	11.4	0	139.4	\$921
Curry	1277	RR	2.7	R	?	72.4	12.2	0	174.3	\$919
Federal	F263NRR2Y	RR2Y	2.6	R	ACi	72.1	12.1	0	143.3	\$916
Hefty	H25Y12	RR2Y	2.5	MR	I	71.9	12.5	0	201.4	\$913
Latham	L2585R2	RR2Y	2.5	R	SS+	71.8	12.3	0	174.2	\$912
NK Brand	S28-U7 §	RR2Y	2.8	S	CMBV	71.5	12.1	0	158.7	\$908
Stine	28RE20	RR2Y	2.8	R	None	70.9	11.6	0	193.6	\$900
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CMBV	70.8	12.4	0	185.9	\$899
Titan Pro	27M32	RR2Y	2.7	R	CMBV	70.7	11.8	0	143.3	\$898
Prairie Brand	PB-2544R2	RR2Y	2.6	MR	CMBV	70.5	12.6	0	193.6	\$895
Hefty	H26R3S	RR2Y	2.6	S	I	70.3	12.0	0	158.8	\$893
Kruger	K2-2602	RR2Y	2.6	MR	ACi	70.2	11.5	0	170.3	\$892
Prairie Brand	PB-2650R2	RR2Y	2.6	S	CMBV	70.2	11.9	0	174.2	\$892
Curry	1252	RR	2.5	R	?	70.0	12.4	0	182.0	\$889
NuTech/G2 Gen	7250 ^	RR	2.5	R	SCE	69.9	11.8	0	178.1	\$888
NuTech/G2 Gen	7273 ^	RR	2.7	R	SCE	69.7	13.3	0	143.3	\$885
Channel	2605R2	RR2Y	2.6	R	ACi	69.6	12.5	0	174.2	\$884
LG Seeds	C2835R2	RR2Y	2.8	R	AC,PV	69.2	11.9	0	201.3	\$879
Hefty	H27R3	RR2Y	2.7	MR	I	69.1	12.1	0	154.9	\$878
Latham	L2483R2 CK	RR2Y	2.4	R	SS+	71.2	11.9	0	178.1	\$904

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Test Average = **70.1** **12.1** **0** **167.1** **\$891**
LSD (0.10) = 3.7 0.5 ns
C.V. = 3.9 3.3

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

TEST COMMENTS: While wet conditions in May moved planting dates back later than normal. Plants grew well at this no-till site and remained healthy all season. Internodes were short and pod load was consistent from top to bottom. Many varieties set pods close to the soil surface. Well-timed August rain provided large seed. Plants stood well during harvest and no lodging of plant heights from 24 to 38".

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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.