

2013 Soybean Top 30 Harvest Report

Iowa Northwest [IANW] HARTLEY

Clint Van Beek, O'Brien County, IA 51346



PREV. CROP/HERB: Corn, 2+ yr / Balance Flexx, Roundup
 SOIL DESCRIPTION: Primghar silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, high K, 6.9 pH, 5.9% OM,
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Sonic, Roundup, Flexstar GT
 SEEDED - RATE - ROW: May 21 155,000 /A 15" Spacing
 HARVESTED - STAND: Oct 8 121,800 /A

Early-Season Test

2.1 - 2.4 Day CRM

S2013IANW28a

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
Champion	21R34N	RR2Y	2.1	R	CMBV	55.4	11.2	1	139.4	\$704
Channel	2105R2	RR2Y	2.1	MR	ACi	54.3	12.4	2	139.4	\$690
Channel	2207R2	RR2Y	2.2	R	ACi	53.9	11.1	10	120.0	\$685
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	53.3	11.4	3	123.9	\$677
Titan Pro	22M12	RR2Y	2.2	R	CMBV	53.1	11.2	3	108.4	\$674
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	53.1	11.3	5	131.7	\$674
Great Lakes	GL2289R2	RR2Y	2.2	R	AC,PV	52.6	11.1	3	112.3	\$668
Stine	22RD00 §	RR2Y	2.2	MR	CMB	52.4	11.6	1	112.3	\$665
SOI	2208NRR2Y	RR2Y	2.2	R	None	52.0	11.2	2	120.0	\$660
Great Lakes	GL2319R2	RR2Y	2.3	R	AC,PV	51.8	11.4	3	112.3	\$658
Pioneer	92Y22 §	RR	2.2	R	None	51.5	11.2	10	166.5	\$654
Federal	F224NRR2Y	RR2Y	2.2	R	ACi	51.2	11.1	2	96.8	\$650
Kruger	K2-2201	RR2Y	2.2	R	ACi	50.9	11.2	3	108.4	\$646
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	50.5	11.3	5	112.3	\$641
Pfister	22R20	RR2Y	2.2	R	None	50.4	11.2	3	104.6	\$640
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV	50.2	11.2	2	85.2	\$638
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	50.0	12.5	1	120.0	\$635
Asgrow	AG2433 §	RR2Y	2.4	MR	AC	49.4	11.8	1	108.4	\$627
Renk	RS224NR2	RR2Y	2.2	R	None	48.9	11.0	1	116.2	\$621
Hefty	H21Y11	RR2Y	2.1	MR	I	48.7	11.2	5	112.3	\$618
NuTech/G2 Gen	7240^	RR	2.4	R	SCE	48.3	12.1	4	170.4	\$613
NuTech/G2 Gen	7213^	RR	2.1	R	SCE	48.2	11.9	26	108.4	\$612
Kruger	K2-2402	RR2Y	2.4	R	ACi	47.9	11.2	6	147.2	\$608
Croplan	R2C2200	RR2Y	2.1	R	None	47.6	11.3	5	96.8	\$605
Pfister	24R29	RR2Y	2.4	R	CMB	46.2	11.5	2	131.7	\$587
Kruger	K2-2303	RR2Y	2.3	MR	ACi	44.8	12.7	11	96.8	\$569
Kruger	K2-2301	RR2Y	2.3	S	ACi	44.1	10.8	6	108.4	\$560
Channel	2306R2	RR2Y	2.3	R	ACi	43.6	11.4	3	116.2	\$554
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMBV	43.5	11.4	5	139.4	\$552
Dairyland	DSR-2411/R2Y	RR2Y	2.4	S	CMB,O	43.2	10.8	3	135.5	\$549
Latham	L2483R2 CK	RR2Y	2.4	R	SS+	46.7	13.8	6	143.3	\$592
Test Average =						46.0	11.5	6	121.8	\$584
LSD (0.10) =						4.4	0.9	7		
C.V. =						7.1	5.8			

Corey Rozenboom

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

TEST COMMENTS: Early season rains left this field saturated immediately following planting and reduced stands. Differences in plant vigor among varieties were well defined during late June following a cool and wet finish to May. This was the first year of soybeans on a field that was continuous corn for the past several seasons. Cercospora and high populations of aphids were observed later in the season.

† 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: Minimum w/ fall till
 PEST MANAGEMENT: Sonic, Roundup, Flexstar GT
 SEEDED - RATE - ROW: May 21 155,000 /A 15" Spacing
 HARVESTED - STAND: Oct 8 132,200 /A

Full-Season Test
2.5 - 2.8 Day CRM
 S2013IANW28b

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
Asgrow	AG2534	RR2Y	2.5	R	ACi	60.9	10.8	1	151.0	\$773
Channel	2706R2	RR2Y	2.7	MR	ACi	59.9	10.6	2	131.6	\$761
Kruger	K2-2602	RR2Y	2.6	MR	ACi	59.5	10.9	1	139.4	\$756
Stine	28RE20	RR2Y	2.8	R	None	59.4	10.9	1	139.4	\$754
NuTech/G2 Gen	7261 ^	RR	2.6	R	SCE	58.1	10.9	1	120.1	\$738
Curry	1277	RR	2.7	R	?	57.6	10.7	2	154.9	\$732
Curry	1252	RR	2.5	R	?	55.2	11.2	11	131.6	\$701
NuTech/G2 Gen	7250 ^	RR	2.5	R	SCE	55.0	11.1	6	139.4	\$699
Prairie Brand	PB-2668R2	RR2Y	2.6	R	CMBV	54.2	11.0	3	123.9	\$688
Hefty	H26R3	RR2Y	2.6	MR	I	54.2	11.0	6	139.4	\$688
Asgrow	AG2733 §	RR2Y	2.7	R	ACi	54.0	10.6	1	170.4	\$686
Hefty	H27R3	RR2Y	2.7	MR	I	53.9	10.6	3	131.6	\$685
Dyna-Gro	S25RY44	RR2Y	2.5	R	ACi	53.6	11.3	7	147.1	\$681
Kruger	K2-2503	RR2Y	2.5	R	ACi	53.1	10.5	4	154.9	\$674
Latham	L2648R2	RR2Y	2.6	R	SS+	53.0	10.8	8	104.6	\$673
Pioneer	P28T33R §	RR	2.8	R	EE,G	52.6	12.6	7	112.3	\$668
Dyna-Gro	S27RY03	RR2Y	2.7	R	ACi	52.5	10.7	4	154.9	\$667
NuTech/G2 Gen	7273 ^	RR	2.7	R	SCE	52.2	11.7	4	100.7	\$663
Pioneer	92Y51 §	RR	2.5	R	None	52.1	10.5	2	135.5	\$662
Federal	F263NRR2Y	RR2Y	2.6	R	ACi	51.0	10.7	7	116.2	\$648
NK Brand	S25-E5 §	RR2Y	2.5	R	CMBV	50.5	10.4	20	120.0	\$641
Kruger	K2-2704	RR2Y	2.7	R	ACi	50.4	12.1	5	127.8	\$640
Stine	26RD02 §	RR2Y	2.6	R	CMB	50.2	10.8	7	116.2	\$638
NK Brand	S28-U7 §	RR2Y	2.8	S	CMBV	49.1	10.5	14	127.8	\$624
SOI	2520SRR2Y	RR2Y	2.5	S	None	48.4	11.1	1	154.9	\$615
Dyna-Gro	39RY25	RR2Y	2.5	S	ACi	48.0	10.1	5	85.2	\$610
LG Seeds	C2672R2	RR2Y	2.6	R	AC,PV	47.7	11.4	2	135.5	\$606
Prairie Brand	PB-2506R2	RR2Y	2.5	R	CMBV	47.2	10.4	1	162.6	\$599
Channel	2605R2	RR2Y	2.6	R	ACi	47.1	11.2	4	127.8	\$598
Kruger	K2-2803	RR2Y	2.8	R	ACi	46.5	11.7	10	108.4	\$591
Latham	L2483R2 CK	RR2Y	2.4	R	SS+	46.1	11.0	5	147.1	\$585

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Test Average = **49.9** **11.2** **6** **132.2** **\$634**
 LSD (0.10) = 4.9 0.9 7
 C.V. = 7.3 5.7

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: Early season rains left this field saturated immediately following planting and reduced stands. Differences in plant vigor among varieties were well defined during late June following a cool and wet finish to May. This was the first year of soybeans on a field that was continuous corn for the past several seasons. Cercospora and high populations of aphids were observed later in the season.

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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.