## 2013 Soybean Top 30 Harvest Report

Iowa North [IANO] EMMETSBURG

Tom Quastad, Iowa Lakes Comm. College, Palo Alto County, IA 50536



PREV. CROP/HERB: Corn / Harness Xtra, Roundup

SOIL DESCRIPTION: Nicollet-Webster silty clay loam, mod. well drained, non-irrigated

SOIL CONDITIONS: High P, high K, 7 pH, 4.6% OM,

TILLAGE/CULTIVATION: Minimum w/ fall till

PEST MANAGEMENT: Enlite, Glyphosate, Assure II, Cobalt

SEEDED - RATE - ROW: Jun 19 170,000 /A 15" Spacing Sorted for YIELD

HARVESTED - STAND: Oct 10 179,200 /A

Average of (3) Replications

**Early-Season Test** 

1.8 - 2.1 Day CRM

S2013IANO19a

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HARVESTED - STAND:	Oct 10 179,	200 /A						Averag	ge or ( <b>3</b> ) i	Replications
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	Trmt.†	◆ Bu/A ◆	%	%	(x 1000)	Income
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV	35.2	10.3	0	213.0	\$447
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	32.6	9.9	0	197.5	\$414
Pfister	20R23	RR2Y	2.0	R	None	32.1	10.2	0	154.9	\$408
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	31.6	10.4	0	189.7	\$401
Cornelius	CB18R52	RR2Y	1.8	R	None	31.8	10.4	0	139.4	\$401
FS Hisoy	HS 19A32	RR2Y	1.9	R	CMB	30.3	9.9	0	182.0	\$385
Channel	2105R2	RR2Y	2.1	MR	ACi	29.9	10.3	0	182.0	\$380
NuTech/G2 Gen	7208^	RR	2.0	R	SCE	29.4	9.6		213.0	\$373
Kruger	K2-2002	RR2Y	2.0	MR	ACI	28.6	10,5	8/	189.7	\$363
Stine	20RD20 §	RR2Y	2.0	R	CMB	28.1	183	6	216.8	\$357
Kruger	K2-1901	RR2Y	1.9	R	ACi	28.0	9.9	0	193.6	\$356
Viking	1984R2N	RR2Y	1.9	R	ACi,Ex	<b>2</b> 7.8	10.0	0	143.3	\$353
Federal	F183NRR2Y	RR2Y	1.8	R	ACi	<b>2</b> ₹.3	10.1	0	201.4	\$347
Kruger	K2-1902	RR2Y	1.9	R	ACi	21.0	10.3	0	174.2	\$343
Hefty	H21Y11	RR2Y	2.1	MR	((1)	26.9	10.9	0	158.8	\$342
Great Lakes	GL2069R2	RR2Y	2.0	B/	AC,₽V	26.3	10.0	0	178.1	\$334
Steyer	1901R2	RR2Y	1.9	MR	SStd	26.2	10.0	0	135.5	\$333
Prairie Brand	PB-1843R2	RR2Y	1.8	F	CMBV	25.9	9.9	0	178.1	\$329
Pioneer	91Y82 §	RR	1.9	R	None	25.8	10.0	0	166.5	\$328
Champion	19R72N	RR2X	19/	R	CMBV	25.1	10.0	0	197.5	\$319
Stine	19RA02 §	RP2Y)	1.9	R	CMB	25.0	9.9	0	178.1	\$318
Asgrow	AG2031 §	RRZY	2.0	R	ACi	24.9	10.0	0	205.2	\$316
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	24.8	9.8	0	201.4	\$315
Channel	1901R2	RR2Y	1.9	R	ACi	24.8	9.9	0	189.8	\$315
NuTech/G2 Gen	7213^	RR	2.1	R	SCE	24.8	10.0	0	162.6	\$315
Hefty	H20R3	RR2Y	2.0	MR	1	24.7	10.0	0	178.1	\$314
NuTech/G2 Gen	7183^	RR	1.8	R	SCE	24.4	10.1	0	174.2	\$310
Titan Pro	20M1	RR2Y	2.0	R	CMBV	24.3	10.0	0	166.5	\$309
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	24.1	10.0	0	158.7	\$306
Titan Pro	TP-19R23	RR2Y	1.9	MR	None	23.9	9.9	0	178.1	\$304
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV	25.2	9.8	0	182.0	\$320
17.	1			Test	Average =	25.8	10.1	0	179.2	\$328
Corey Mazen	woone			LS	SD(0.10) =	5.8	0.3	ns		
corey.rozenboom@	firstseedtests.com,		C.V. =	16.6	1.9					
Yield & Income Factor	rs Base Moistur	e = 13.0%		Shrink =	: 1.3	Drying =	\$0.020	Price =	\$12.70	Local GMO
Tiola a moonie i actor	5 Dago Moistai	J = 10.070		J –	JIIIIK = 1.3		<b>↓</b> 5.0 <b>∠</b> 0	–	n/a	Non-GMO

n/a Non-GMO

TEST COMMENTS: This site was severely challenged from start to finish. Over 14.5" of rain in May through June, planting was forced into late June. While plant stands were very good in this lighter soil, vegetative growth completely stalled during summer months that left this area nearly 3" short of normal in July. Aphid populations exploded too. Sub-soil moisture was variable at this site, leading to variable yields.

products, § = United Soybean Board entry; ns = not significantly different.

Additional reports and searchable database available at www.firstseedtests.com

Report date: 10/11/2013 Revised:

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<sup>†</sup> See last page for additional information. Results in **bold** are significantly above the test average. **CK** = check and **GC** = grower comparison

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PREV. CROP/HERB: Corn / Harness Xtra, Roundup

SOIL DESCRIPTION: Nicollet-Webster silty clay loam, mod. well drained, non-irrigated

**2.2 - 2.5 Day CRM** S2013IANO19b

**Full-Season Test** 

SOIL CONDITIONS: High P, high K, 7 pH, 4.6% OM,

TILLAGE/CULTIVATION: Minimum w/ fall till

PEST MANAGEMENT: Enlite, Glyphosate, Assure II, Cobalt

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SEEDED - RATE - ROW: Jun 19 170,000 /A 15" Spacing Sorted for YIELD HARVESTED - STAND: Oct 10 179,600 /A Average of (3) Replications

HARVESTED - STAND:	Oct 10	179,600	/A	10 Ор	aomig				Avera	ge of ( <b>3</b> ) F	Replications
					SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Bra	and†	Technol.†	Mat.	Resist.	Trmt.†	◆ Bu/A	%	%	(x 1000)	Income
Asgrow	AG2433 §		RR2Y	2.4	MR	AC	47.7	10.5	0	185.9	\$606
Champion	23R73N		RR2Y	2.3	R	CMBV	41.2	10.6	0	201.3	\$523
Titan Pro	25M22		RR2Y	2.5	R	CMBV	40.4	10.2	0	162.6	\$513
Kruger	K2-2402		RR2Y	2.4	R	ACi	40.3	10.4	0	197.5	\$512
Dyna-Gro	S24RY73		RR2Y	2.4	R	ACi	38.1	11.4	0	189.7	\$491
NuTech/G2 Gen	7250^		RR	2.5	R	SCE	38.2	18.4	0	170.4	\$485
Steyer	2202R2		RR2Y	2.2	MR	SStd	38.1	10.0	0	166.5	\$484
Prairie Brand	PB-2468R2		RR2Y	2.3	R	CMBV	37.8	12.9	0	193.6	\$480
Steyer	2501R2		RR2Y	2.5	MR	SStd	37.6	10.6	0	127.8	\$478
Pioneer	92Y30 §		RR	2.3	R	None	36.1	100	0	170.4	\$458
Viking	2300R2		RR2Y	2.3	MR	ACi,Ex	25.5	18.7	0	135.5	\$451
Kruger	K2-2503		RR2Y	2.5	R	ACi	35.2	11.5	0	182.0	\$447
Curry	1252		RR	2.5	R	?	35.2	11.5	0	193.6	\$447
Stine	22RD00 §		RR2Y	2.2	MR	CMB	34.9	10.1	0	189.7	\$443
Dairyland	DSR-2250/I	R2Y	RR2Y	2.2	MR	CMB,	34.8	9.7	0	151.0	\$442
Dairyland	DSR-2340/I	R2Y	RR2Y	2.3	MB	CMB Ø	34.6	10.3	0	201.3	\$439
FS Hisoy	HS 25A22	_	RR2Y	2.5	6//	CMB	34.0	10.7	0	189.7	\$432
Asgrow	AG2232 §		RR2Y	2.2	R	ACi	33.4	10.5	0	174.2	\$424
FS Hisoy	HS (4A32	)丿	RR2Y	2.4	NR.	CMB	33.2	10.3	0	197.5	\$422
Kruger	K2-2303		RR2Y	23	MR	ACi	32.9	11.6	0	201.3	\$418
Great Lakes	GL2319R2		RE2X	2.3	R	AC,PV	32.4	10.0	0	143.3	\$411
Renk	RS241R2		RRVY	2.4	S	CMB,O	32.2	10.8	0	158.8	\$409
NuTech/G2 Gen	7240^	ムト	RB	2.4	R	SCE	32.0	10.6	0	209.1	\$406
Channel	2207R		RR2Y	2.2	R	ACi	31.4	10.0	0	166.5	\$399
FS Hisoy	HS 24A01	<b>&gt;</b>	RR2Y	2.4	S	CMB	31.2	10.3	0	158.8	\$396
FS Hisoy	HS 22A21		RR2Y	2.2	R	CMB	30.7	9.9	0	205.2	\$390
NK Brand	S22-F8 §		RR2Y	2.2	S	CMBV	30.7	10.6	0	154.9	\$390
Prairie Brand	PB-2506R2		RR2Y	2.5	R	CMBV	30.5	11.7	0	182.0	\$387
Pfister	24R29		RR2Y	2.4	R	CMB	30.3	11.4	0	197.5	\$385
LG Seeds	C2333R2		RR2Y	2.3	R	AC,PV	30.2	10.3	0	185.9	\$384
Great Lakes	GL2289R2	CK	RR2Y	2.2	R	AC,PV	39.9	10.0	0	182.0	\$507
Corey Tagen	1.				Test	Average =	31.8	10.5	0	179.6	\$404
Corey (calm	voor				LS	SD(0.10) =	9.5	0.6	ns		
corey.rozenboom@	firstseedtests.	com, (319	9) 830-8886			C.V. =	22.1	4.1			
Viold O Income Footer	a Paga Ma	sioturo	12.00/		Chainle	4.0	Desile	<u></u>	Delas	\$12.70	Local GMC

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =  $\frac{\sqrt{12.17}}{n/a}$  Non-GMO

TEST COMMENTS: This site was severely challenged from start to finish. Over 14.5" of rain in May through June, planting was forced int late June. While plant stands were very good in this lighter soil, vegetative growth completely stalled during summer months that left this

area nearly 3" short of normal in July. Aphid populations exploded too. Sub-soil moisture was variable at this site, leading to variable yields
† See last page for additional information. Results in **bold** are significantly above the test average. **CK** = check and **GC** = grower comparison

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Report date: 10/11/2013 Revised:



# **Early-Season Test Products (42 Total)**

Company/Brand	d Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand P	roduct/	Brand
Asgrow	AG2031 §	RR2Y	2.0	R	ACi			
Champion	19R72N	RR2Y	1.9	R	CMBV			
Champion	21R34N	RR2Y	2.1	R	CMBV			
Channel	1901R2	RR2Y	1.9	R	ACi			
Channel	2105R2	RR2Y	2.1	MR	ACi			
Cornelius	CB18R52	RR2Y	1.8	R	None			
Cornelius	CB20R44	RR2Y	2.0	R	None			
Dyna-Gro	S19RY84	RR2Y	1.9	MR	ACi			
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi			
Federal	F183NRR2Y	RR2Y	1.8	R	ACi			
FS Hisoy	HS 19A32	RR2Y	1.9	R	CMB			
FS Hisoy	HS 20A22	RR2Y	2.0	R	CMB			
Great Lakes	GL2069R2	RR2Y	2.0	R	AC,PV			
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV			
Hefty	H20R3	RR2Y	2.0	MR	1			
Hefty	H21Y11	RR2Y	2.1	MR	1			
Cruger	K2-1901	RR2Y	1.9	R	ACi			
Kruger	K2-1902	RR2Y	1.9	R	ACi			
Kruger	K2-2002	RR2Y	2.0		ACi			
_G Seeds	C1917R2	RR2Y	1.9	R	AC,PV			
_G Seeds	C2050R2	RR2Y	2.0	R	AC,PV			
NK Brand	S18-C2 §	RR2Y	1.8	R	CMBV	-		
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV			
NuTech/G2 Gen		RR	1.8	R	SCE			
NuTech/G2 Gen		RR	2.0	R	SCE			
NuTech/G2 Gen		RR	2.1	R	SCE			
Pfister	20R23	RR2Y	2.0	R	None			
Pioneer	91Y92 §	RR	1.9	R	None	-		
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV			
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV			
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV			
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV			
SOI	2013NRR2Y	RR2Y	2.0	R	CMB			
Steyer	1901R2	RR2Y	1.9	MR	SStd			
Stine		RR2Y	1.9	R	CMB			
	19RA02 § 20RD20 §							
Stine Titan Pro	20RD20 § 20M1	RR2Y RR2Y	2.0	R R	CMBV			
			2.0					
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV			
Titan Pro	TP-19R23	RR2Y	1.9	MR	None			
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV			
Viking	1984R2N	RR2Y	1.9	R	ACI,Ex			
Viking	2000R2N	RR2Y	2.0	R	ACi,Ex			



# Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat	SCN	Seed Trt	Company/Bran	d Product/Brand	Technol.	Mat	SCN	Seed Trt
	AG2232 §	RR2Y	2.2	R	ACi	SOI	2430RR2Y	RR2Y	2.4	S	CMB
o .	AG2433 §	RR2Y	2.4	MR	AC	Steyer	2202R2	RR2Y	2.2	MR	SStd
· ·	23R73N	RR2Y	2.3	R	CMBV	Steyer	2501R2	RR2Y	2.5	MR	SStd
	24R74N	RR2Y	2.4	R	CMBV	Stine	22RD00 §	RR2Y	2.2	MR	CMB
Channel	2207R2	RR2Y	2.2	R	ACi	Titan Pro	23M9	RR2Y	2.3	S	CMBV
Channel	2306R2	RR2Y	2.3	R	ACi	Titan Pro	24M21	RR2Y	2.4	R	CMBV
-	CB22R60	RR2Y	2.2	R	None	Titan Pro	25M22	RR2Y	2.5	R	CMBV
Cornelius	CB24R71	RR2Y	2.4	R	None	Viking	2144R2N	RR2Y	2.1	R	None
	CB24R99	RR2Y	2.4	S	None	Viking	2300R2	RR2Y	2.3		ACi,Ex
Croplan	R2C2200 §	RR2Y	2.1	R	None	VIKING	23001(2	IXIXZI	2.3	IVIIX	ACI,LX
Curry	1221	RR	2.1	R	None						
-	1252	RR	2.5	R	?						
Curry											
•	DSR-2250/R2Y	RR2Y	2.2	MR							
Dairyland Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	•						
Dairyland	DSR-2411/R2Y	RR2Y	2.4	S	CMB,O						
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi						
Dyna-Gro	S24RY73	RR2Y	2.4	R	ACi						
Federal	F224NRR2Y	RR2Y	2.2	R	ACi						
•	HS 22A21	RR2Y	2.2	R	CMB						
FS Hisoy	HS 24A01	RR2Y	2.4	S	CMB						
FS Hisoy	HS 24A32	RR2Y	2.4	R	CMB						
•	HS 25A22	RR2Y	2.5	R	CMB						
Great Lakes	GL2289R2 CK	RR2Y	2.2	R	AC,PV						
Great Lakes	GL2319R2	RR2Y	2.3	R	AC,PV	-					
•	H23R3	RR2Y	2.3	MR							
Hefty	H25Y12	RR2Y	2.5	MR							
	K2-2201	RR2Y	2.2	R	ACi						
Kruger	K2-2303	RR2Y	2.3	MR	ACi						
Kruger	K2-2402	RR2Y	2.4	R	ACi						
Kruger	K2-2503	RR2Y	2.5	R	ACi						
	C2222R2	RR2Y	2.2	R	AC,PV						
LG Seeds	C2333R2	RR2Y	2.3	R	AC,PV						
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV						
NuTech/G2 Gen		RR	2.4	R	SCE						
NuTech/G2 Gen	7250^	RR	2.5	R	SCE						
Pfister	22R20	RR2Y	2.2	R	None						
Pfister	24R29	RR2Y	2.4	R	CMB						
Pioneer	92Y30 §	RR	2.3	R	None						
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV						
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMBV						
Prairie Brand	PB-2468R2	RR2Y	2.3	R	CMBV						
Prairie Brand	PB-2506R2	RR2Y	2.5	R	CMBV						
Renk	RS241R2	RR2Y	2.4	S	CMB,O						
Renk	RS244NR2	RR2Y	2.4	R	None						
SOI	2208NRR2Y	RR2Y	2.2	R	None						



# **Footnotes and Abbreviation Descriptions**

#### **Brand Footnotes**

٨	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	Indentifies 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™
Α	Allegience®	G	Gaucho®
AC	Acceleron® fungicide products	1	Inovate™ System
ACi	Acceleron® fungicide and insecticide products	None	untreated
AM	ApronMaxx®	0	Optimize®
AP	Apron XL®	PV	Poncho®/Votivo®
AVB	Avicta® Complete Beans	RS	Right Stand™
С	Cruiser®	SCE	SmartCote <sup>™</sup> Extra
CC	CurryCoat™	SDPI	Servo DPI
CMB	CruiserMaxx® Beans	SS+	Soyshield Plus™
CMBV	CruiserMaxx® Beans with Vibrance	SStd	SureStand™
DPHB	DPH Boost™	Т	Trilex®
EE	Evergol™ Energy		

<sup>\*</sup> Seed treatments may include unspecified plant health promoting components.