

## 2013 Soybean Top 30 Harvest Report

South Dakota Northeast [ SDNE ] WEBSTER  
Fred Zenk, Day County, SD 57274



PREV. CROP/HERB: Corn / Roundup  
SOIL DESCRIPTION: Nutley-Sinai silty clay, well drained, non-irrigated  
SOIL CONDITIONS: Moderate P, high K, 7.5 pH, 4.1% OM, low SCN  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Force, Roundup PowerMax (2X)  
SEEDED - RATE - ROW: Jun 4 140,000 /A 30" Spacing  
HARVESTED - STAND: Oct 9 96,700 /A

**All-Season Test**  
**1 - 1.7 Day CRM**  
S2013SDNE02

### Top 30 of 63

Sorted for YIELD  
Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Hefty	H12R4	RR2Y	1.2	MR	I	<b>54.6</b>	12.1	1	114.8	\$710
Dyna-Gro	S12RY44	RR2Y	1.2	R	CMB	<b>53.0</b>	11.8	1	91.5	\$689
Proseed	PX12	RR2Y	1.2	MR	AC	<b>51.8</b>	12.2	1	108.9	\$673
Titan Pro	TP-11R33	RR2Y	1.1	R	CMBV	<b>49.4</b>	12.0	1	111.8	\$642
Proseed	P2 21-40	RR2Y	1.4	MR	AC	<b>48.9</b>	11.5	1	106.0	\$636
Asgrow	AG1431 §	RR2Y	1.4	R	ACi	<b>48.9</b>	11.8	1	103.1	\$636
Seeds 2000	2071RR2YN §	RR2Y	0.7	R	CMB	<b>48.5</b>	11.5	1	116.2	\$631
Federal	F084NRR2Y	RR2Y	0.8	R	ACi	<b>48.3</b>	11.9	1	107.5	\$628
Hefty	H10R3	RR2Y	1.0	S	I	<b>47.7</b>	11.4	3	104.6	\$620
AgVenture/Scherr	VPMaxx EX1.5RR2	RR2Y	1.5	n/a	G	46.6	11.6	1	106.0	\$606
Hefty	H14R3	RR2Y	1.4	MR	I	46.0	11.8	1	91.5	\$598
Channel	1700R2 §	RR2Y	1.7	R	ACi	45.7	11.7	1	101.6	\$594
NK Brand	S17-B3 §	RR2Y	1.7	R	CMBV	45.7	11.9	1	100.2	\$594
Hefty	H16R4	RR2Y	1.6	MR	I	44.8	11.5	1	94.4	\$582
Stine	10RD03 §	RR2Y	1.0	MR	None	44.5	11.5	1	107.5	\$579
Dairyland	DSR-1120/R2Y	RR2Y	1.1	S	CMB	44.3	12.0	1	101.7	\$576
Viking	1234R2N	RR2Y	1.2	R	None	44.1	11.8	1	101.6	\$573
Kruger	K2-1602	RR2Y	1.6	R	ACi	44.1	12.0	1	97.3	\$573
Mustang	12224	RR2Y	1.2	R	AC	43.9	11.7	1	90.0	\$571
Dyna-Gro	S15RY53	RR2Y	1.5	R	ACi	43.8	11.4	1	79.9	\$569
Prairie Brand	PB-1234R2	RR2Y	1.2	R	CMBV	43.0	12.1	1	94.4	\$559
Rea	71G14	RR2Y	1.1	R	AC	42.9	11.7	1	91.5	\$558
Dairyland	DSR-1515/R2Y	RR2Y	1.5	MR	CMB,O	42.9	11.7	3	98.7	\$558
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	42.5	11.7	1	91.5	\$553
NK Brand	S10-P9 §	RR2Y	1.0	S	CMBV	42.1	12.0	1	95.8	\$547
Wensman	W 3178R2	RR2Y	1.7	S	AC,PV	41.9	12.2	1	82.8	\$545
Curry	CBX-518	RR	1.7	R	?	41.5	12.0	1	79.9	\$540
Kruger	K2-1103	RR2Y	1.1	R	ACi	41.3	12.3	1	97.3	\$537
Stine	16RD02 §	RR2Y	1.6	R	CMB	40.9	11.8	1	103.1	\$532
Mustang	16624	RR2Y	1.6	R	AC	40.5	11.7	3	94.4	\$527

Test Average = **40.5** **11.9** **1** **96.7** **\$527**

LSD (0.10) = 7.0 0.5 ns

C.V. = 10.3 2.6

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Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =  $\frac{\$13.00}{n/a}$  Local GMO Non-GMO

**TEST COMMENTS:** We planted June 4th, had quick emergence and a nice looking test through early July. The soybeans never closed canopy as July and August rainfall was nearly 2 inches below the 30-year average. The second Roundup application came during a slow plant growth period, dry and cool, and was not completely effective. Dense pigweed/waterhemp pressure in 10 rows cost us a replication.

† 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.

Additional reports and searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report date: 10/11/2013 Revised:

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All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgVenture/Scherr	VPMmaxx 15E9RR^ §	RR	1.5	n/a	EE,G	Rea	71G14	RR2Y	1.1	R	AC
AgVenture/Scherr	VPMmaxx EX1.5RR2^	RR2Y	1.5	n/a	G	Rea	71G20	RR2Y	1.1	S	AC
Asgrow	AG1431 §	RR2Y	1.4	R	ACi	Rea	73G13	RR2Y	1.3	S	AC
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	Rea	75G12	RR2Y	1.5	R	AC
Channel	1700R2 §	RR2Y	1.7	R	ACi	Seeds 2000	2071RR2YN §	RR2Y	0.7	R	CMB
Curry	1061	RR	0.6	R	?	Seeds 2000	2122RR2YN §	RR2Y	1.2	R	CMB
Curry	CBX-518	RR	1.7	R	?	Stine	10RD03 §	RR2Y	1.0	MR	None
Dairyland	DSR-1120/R2Y	RR2Y	1.1	S	CMB	Stine	14RD62 §	RR2Y	1.4	R	CMB
Dairyland	DSR-1515/R2Y	RR2Y	1.5	MR	CMB,O	Stine	16RD02 §	RR2Y	1.6	R	CMB
Dyna-Gro	S12RY44	RR2Y	1.2	R	CMB	Titan Pro	15M22	RR2Y	1.5	R	CMBV
Dyna-Gro	S15RY53	RR2Y	1.5	R	ACi	Titan Pro	TP-11R33	RR2Y	1.1	R	CMBV
Federal	F084NRR2Y	RR2Y	0.8	R	ACi	Viking	1234R2N	RR2Y	1.2	R	None
Federal	F114RR2Y	RR2Y	1.1	S	ACi	Viking	1522R2N	RR2Y	1.5	R	ACi,Ex
Federal	F143RR2Y	RR2Y	1.4	S	ACi	Wensman	W 3106R2	RR2Y	1.0	S	AC,PV
Federal	F154NRR2Y	RR2Y	1.5	R	ACi	Wensman	W 3121NR2	RR2Y	1.2	R	AC,PV
Hefty	H10R3	RR2Y	1.0	S	I	Wensman	W 3128R2	RR2Y	1.2	S	AC,PV
Hefty	H10R4	RR2Y	1.0	S	I	Wensman	W 3140R2	RR2Y	1.5	S	AC,PV
Hefty	H11R3	RR2Y	1.1	S	I	Wensman	W 3178R2	RR2Y	1.7	S	AC,PV
Hefty	H11Y12	RR2Y	1.2	S	I						
Hefty	H12R4	RR2Y	1.2	MR	I						
Hefty	H14R3	RR2Y	1.4	MR	I						
Hefty	H16R4	RR2Y	1.6	MR	I						
Hefty	H17R4	RR2Y	1.7	S	I						
Kruger	K2-1001	RR2Y	1.0	S	ACi						
Kruger	K2-1102	RR2Y	1.1	S	ACi						
Kruger	K2-1103	RR2Y	1.1	R	ACi						
Kruger	K2-1301	RR2Y	1.3	S	ACi						
Kruger	K2-1402	RR2Y	1.4	R	ACi						
Kruger	K2-1602	RR2Y	1.6	R	ACi						
Mustang	12224	RR2Y	1.2	R	AC						
Mustang	14423	RR2Y	1.4	R	AC,PV						
Mustang	16624	RR2Y	1.6	R	AC						
NK Brand	S10-P9 §	RR2Y	1.0	S	CMBV						
NK Brand	S14-J7 §	RR2Y	1.4	S	CMBV						
NK Brand	S17-B3 §	RR2Y	1.7	R	CMBV						
NuTech/G2 Gen	6143^	RR	1.4	S	SCE						
NuTech/G2 Gen	7110^	RR	1.1	R	SCE						
NuTech/G2 Gen	7171^	RR	1.7	R	SCE						
Prairie Brand	PB-0991R2	RR2Y	1.0	S	CMBV						
Prairie Brand	PB-1234R2	RR2Y	1.2	R	CMBV						
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV						
Prairie Brand	PB-1611R2	RR2Y	1.6	S	CMBV						
Proseed	P2 21-40	RR2Y	1.4	MR	AC						
Proseed	PX11	RR2Y	1.1	S	AC						
Proseed	PX12	RR2Y	1.2	MR	AC						

## 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® - sulfonyleurea 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.