

2013 Soybean Top 30 Harvest Report

South Dakota East Central [SDEC] HOWARD
John Feller, Miner County, SD 57349



PREV. CROP/HERB: Corn / Roundup
SOIL DESCRIPTION: Clamo-Banilla loam, well drained, non-irrigated
SOIL CONDITIONS: Moderate P, high K, 5.9 pH, 3.1% OM, low SCN
TILLAGE/CULTIVATION: Conventional w/o fall till
PEST MANAGEMENT: Roundup
SEEDED - RATE - ROW: Jun 2 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 7 105,600 /A

All-Season Test
1.6 - 2.3 Day CRM
S2013SDEC07

Top 30 of 63

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
Great Lakes	GL2069R2	RR2Y	2.0	R	AC,PV	66.6	14.6	1	103.6	\$864
Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV	64.3	14.4	2	115.2	\$834
Federal	F181NRR2Y	RR2Y	1.8	R	ACi	63.5	14.4	3	99.7	\$824
Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV	62.3	14.4	2	111.3	\$808
Mustang	21993	RR2Y	2.1	R	AC	62.1	14.4	2	114.2	\$806
Kruger	K2-2303	RR2Y	2.3	MR	ACi	61.6	15.2	1	93.9	\$798
Titan Pro	22M12	RR2Y	2.2	R	CMBV	61.5	14.7	2	111.4	\$797
Hefty	H23R3	RR2Y	2.3	MR	I	61.3	14.7	3	91.0	\$795
Rea	82G14	RR2Y	2.2	R	None	61.0	14.4	4	99.7	\$791
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	60.5	14.5	3	106.5	\$785
Renk	RS213NR2	RR2Y	2.1	R	CMB,O	60.4	14.6	2	111.4	\$783
Kruger	K2-2301	RR2Y	2.3	S	ACi	60.1	14.6	5	109.4	\$779
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex	60.0	14.3	1	97.8	\$778
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMBV	59.6	14.6	2	116.2	\$773
NorthStar	NS 1916NR2	RR2Y	1.9	R	ACi	58.9	14.6	1	112.3	\$764
Federal	F183NRR2Y	RR2Y	1.8	R	ACi	58.9	14.7	1	108.9	\$764
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV	58.9	14.7	2	93.9	\$764
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	58.5	14.7	1	101.6	\$759
Mustang	16624	RR2Y	1.6	R	AC	58.4	14.3	2	103.6	\$758
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV	58.3	14.4	2	93.9	\$756
Federal	F224NRR2Y	RR2Y	2.2	R	ACi	58.1	14.4	1	115.2	\$754
Titan Pro	20M1	RR2Y	2.0	R	CMBV	58.1	14.6	3	102.6	\$753
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV	58.0	14.3	2	101.6	\$752
Great Lakes	GL2289R2	RR2Y	2.2	R	AC,PV	57.8	14.5	1	117.6	\$750
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O	57.7	14.6	1	94.8	\$748
Rea	80G11	RR2Y	2.0	R	AC	57.7	14.4	2	104.6	\$748
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	57.4	14.5	1	95.8	\$744
Kruger	K2-2201	RR2Y	2.2	R	ACi	57.3	14.3	1	94.8	\$743
Pioneer	92Y22 §	RR	2.2	R	EE,G	57.2	14.2	1	99.7	\$742
Kruger	K2-1901	RR2Y	1.9	R	ACi	57.1	14.4	1	106.5	\$741

Test Average = **56.5** **14.4** **2** **105.6** **\$733**
LSD (0.10) = 6.5 0.3 ns
C.V. = 8.5 1.4

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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: *Some weekend rainfall pumped up grain moisture from 9% to 14%. All bean plants seemed to have matured completely seeing no green stems at harvest. Our host, John Feller, made one application of Roundup this year and had no weeds in the test. Dry weather this summer cut back yield potential. Farmers have been pleasantly surprised to harvest yields around 50 bu/acre.*

† 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

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Report date: 10/8/2013 Revised:

2013 Soybean - South Dakota East Central [SDEC]



All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	Rea	80G11	RR2Y	2.0	R	AC
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	Rea	82G14	RR2Y	2.2	R	None
Channel	2105R2 §	RR2Y	2.1	MR	ACi	Renk	RS213NR2	RR2Y	2.1	R	CMB,O
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	CMB,O	Renk	RS224NR2	RR2Y	2.2	R	None
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	Stine	16RD02 §	RR2Y	1.6	R	CMB
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O	Stine	19RA02 §	RR2Y	1.9	R	CMB
Federal	F181NRR2Y	RR2Y	1.8	R	ACi	Stine	20RD20 §	RR2Y	2.0	R	CMB
Federal	F183NRR2Y	RR2Y	1.8	R	ACi	Titan Pro	20M1	RR2Y	2.0	R	CMBV
Federal	F224NRR2Y	RR2Y	2.2	R	ACi	Titan Pro	22M12	RR2Y	2.2	R	CMBV
Great Lakes	GL2069R2	RR2Y	2.0	R	AC,PV	Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV
Great Lakes	GL2289R2	RR2Y	2.2	R	AC,PV	Titan Pro	TP-19R23	RR2Y	1.9	MR	CMBV
Hefty	H16R4	RR2Y	1.6	MR	I	Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV
Hefty	H17R4	RR2Y	1.7	S	I	Viking	1707R2N	RR2Y	1.7	R	ACi,Ex
Hefty	H20R3	RR2Y	2.0	MR	I	Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV
Hefty	H21Y11	RR2Y	2.1	MR	I	Wensman	W 3200NR2	RR2Y	2.0	R	AC,PV
Hefty	H23R3	RR2Y	2.3	MR	I	Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV
Kruger	K2-1602	RR2Y	1.6	R	ACi	Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV
Kruger	K2-1901	RR2Y	1.9	R	ACi	Wensman	W 3230R2	RR2Y	2.3	S	AC,PV
Kruger	K2-1902	RR2Y	1.9	R	ACi						
Kruger	K2-2002	RR2Y	2.0	MR	ACi						
Kruger	K2-2201	RR2Y	2.2	R	ACi						
Kruger	K2-2301	RR2Y	2.3	S	ACi						
Kruger	K2-2303	RR2Y	2.3	MR	ACi						
Mustang	16624	RR2Y	1.6	R	AC						
Mustang	21993	RR2Y	2.1	R	AC						
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV						
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV						
NK Brand	S22-S1 §	RR2Y	2.2	R	CMBV						
NorthStar	NS 1726NR2	RR2Y	1.7	R	ACi						
NorthStar	NS 1916NR2	RR2Y	1.9	R	ACi						
NorthStar	NS 2199NR2	RR2Y	2.1	R	ACi						
NuTech/G2 Gen	7171^	RR	1.7	R	SCE						
NuTech/G2 Gen	7183^	RR	1.8	R	SCE						
NuTech/G2 Gen	7208^	RR	2.0	R	SCE						
Pioneer	91Y81 §	RR	1.8	R	EE,G						
Pioneer	91Y92 §	RR	1.9	R	EE,G						
Pioneer	92Y22 §	RR	2.2	R	EE,G						
Prairie Brand	PB-1611R2	RR2Y	1.6	S	CMBV						
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						
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV						
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMBV						
Rea	78G12	RR2Y	1.8	R	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.