

2013 Soybean Top 30 Harvest Report

South Dakota East Central [SDEC] CAVOUR
Greg Bich, Beadle County, SD 57324



PREV. CROP/HERB: Corn / Roundup
SOIL DESCRIPTION: Houdek-Prospers sandy loam, poor drained, non-irrigated
SOIL CONDITIONS: Moderate P, high K, 5.7 pH, 1.9% OM, low SCN
TILLAGE/CULTIVATION: Minimum w/o fall till
PEST MANAGEMENT: Roundup PowerMax, Select Max, Valor
SEEDED - RATE - ROW: Jun 4 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 9 71,500 /A

All-Season Test
1.6 - 2.3 Day CRM
S2013SDEC05

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
Stine	19RA02 §	RR2Y	1.9	R	CMB	69.7	12.5	7	77.0	\$906
Titan Pro	22M12	RR2Y	2.2	R	CMBV	68.9	13.2	4	90.0	\$895
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O	68.6	11.9	3	65.4	\$892
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV	67.7	12.7	4	79.9	\$880
NorthStar	NS 1726NR2	RR2Y	1.7	R	ACi	66.8	12.3	4	65.4	\$868
Kruger	K2-1901	RR2Y	1.9	R	ACi	64.8	12.9	4	68.3	\$842
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	64.3	12.0	3	62.5	\$836
Great Lakes	GL2289R2	RR2Y	2.2	R	AC,PV	63.9	12.5	7	65.4	\$831
Titan Pro	20M1	RR2Y	2.0	R	CMBV	63.7	11.8	4	71.2	\$828
Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV	63.3	11.5	3	72.6	\$823
NorthStar	NS 1916NR2	RR2Y	1.9	R	ACi	63.1	13.0	5	79.9	\$820
Kruger	K2-2201	RR2Y	2.2	R	ACi	63.0	12.1	3	72.6	\$819
Kruger	K2-2301	RR2Y	2.3	S	ACi	63.0	15.2	21	63.9	\$816
Rea	82G14	RR2Y	2.2	R	None	62.6	12.3	4	56.7	\$814
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	62.5	12.3	3	62.5	\$813
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	62.0	13.4	4	56.7	\$806
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV	61.9	12.3	3	79.9	\$805
Federal	F224NRR2Y	RR2Y	2.2	R	ACi	61.3	12.7	7	74.1	\$797
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	CMB,O	60.4	12.7	4	77.0	\$785
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV	60.2	13.5	17	72.6	\$782
Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV	59.3	12.1	4	79.9	\$771
Rea	80G11	RR2Y	2.0	R	AC	58.4	12.7	3	78.4	\$759
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	58.3	13.4	3	88.6	\$757
Wensman	W 3230R2	RR2Y	2.3	S	AC,PV	58.1	12.3	4	77.0	\$755
Hefty	H17R4	RR2Y	1.7	S	I	57.7	12.8	7	62.5	\$750
NK Brand	S22-S1 §	RR2Y	2.2	R	CMBV	57.7	13.8	3	65.4	\$749
NuTech/G2 Gen	7208^	RR	2.0	R	SCE	57.0	11.9	1	87.1	\$741
Kruger	K2-2303	RR2Y	2.3	MR	ACi	57.0	14.9	4	78.4	\$739
Renk	RS213NR2	RR2Y	2.1	R	CMB,O	56.9	13.7	4	68.3	\$739
Federal	F183NRR2Y	RR2Y	1.8	R	ACi	56.8	13.0	1	77.0	\$738

Test Average = **56.0** **12.9** **5** **71.5** **\$728**

LSD (0.10) = 8.7 1.6 7

C.V. = 9.3 7.6

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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: A heavy rain and hail storm shortly after emergence cut the population in the test. Area fields were being replanted on July 2nd once fields finally dried out after the storm. We had some weeds break through in spots as low populations kept the ground exposed, primarily one replication which was removed. Some plots that had green stems and a few that even held yellow leaves at harvest.

† 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: 10/14/2013 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.