

2014 Soybean Top 30 Harvest Report

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



PREV. CROP/HERB: Corn / Roundup, Harness Xtra
SOIL DESCRIPTION: Houdek-Prosper loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K, 5.3 pH, 2.5 % OM, No SCN
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Roundup PowerMax, Select Max, Valor
SEEDED - RATE - ROW: May 17 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 17 111,900 /A

All-Season Test
1.6 - 2.3 Day RM
S2014SDEC05

Top 30 of 72
For Gross Income (Sorted by 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
REA	R2115	RR2Y	2.10	R	ACi	55.9	9.8	2	108.9	\$503
REA	78G12	RR2Y	1.80	R	ACi	55.4	9.8	1	119.1	\$499
Pfister	19R24	RR2Y	1.90	R	CCB	55.4	9.9	2	123.0	\$499
Mustang	20825 GC	RR2Y	2.00	n/a	AC,PV	55.2	9.9	2	106.5	\$497
Hefty	H20R5	RR2Y	2.00	MR	DST	55.1	9.8	2	109.4	\$496
Latham	L1785R2	RR2Y	1.70	R	CCB	55.0	10.0	1	107.4	\$495
Titan Pro	TP-20R44	RR2Y	2.00	R	CCB	55.0	9.8	5	108.4	\$495
Latham	L1968R2	RR2Y	1.90	R	CCB	54.8	9.9	2	114.2	\$493
REA	82G14	RR2Y	2.20	R	ACi	54.4	9.7	2	109.4	\$490
Latham	L2084R2	RR2Y	2.00	R	CCB	54.4	10.0	2	115.2	\$490
Dyna-Gro	SX14819R	RR2Y	1.90	R	CMBV	54.1	9.8	1	109.4	\$487
Wensman	W 3222NR2	RR2Y	2.20	R	AC,PV	54.0	9.7	1	115.2	\$486
REA	R1815	RR2Y	1.80	R	ACi	54.0	9.8	2	121.0	\$486
Latham	L1858R2	RR2Y	1.80	R	SS+	53.9	9.6	1	108.4	\$485
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	53.9	9.7	1	119.1	\$485
Wensman	W 3214NR2	RR2Y	2.10	R	AC,PV	53.4	9.7	1	113.8	\$481
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	53.2	9.9	1	108.4	\$479
Pfister	20R23	RR2Y	2.00	R	CCB	53.2	9.8	2	124.9	\$479
Federal	F205NRR2Y	RR2Y	2.00	R	CCB	53.2	9.9	2	107.4	\$479
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV	53.0	9.9	2	108.4	\$477
Pfister	17R28	RR2Y	1.70	R	CCB	53.0	9.8	3	108.4	\$477
Wensman	W 3228NR2	RR2Y	2.20	R	AC,PV	53.0	9.9	6	112.8	\$477
Stine	19RA02 §	RR2Y	1.90	R	None	52.8	9.7	1	110.4	\$475
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV	52.7	9.9	2	113.2	\$474
Latham	L2128R2	RR2Y	2.10	R	CCB	52.7	9.9	2	115.2	\$474
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	52.7	9.7	3	112.8	\$474
NK Brand	S22-F8 §	RR2Y	2.20	S	CMBV	52.6	9.8	4	112.3	\$473
Titan Pro	TP-21R63	RR2Y	2.10	R	CCB	52.5	9.7	1	115.2	\$473
Asgrow	AG2031 §	RR2Y	2.00	R	ACi	52.5	9.8	1	110.4	\$473
Channel	2108R2	RR2Y	2.10	R	ACi	52.1	9.7	1	108.9	\$469

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Test Average =	51.1	9.8	2	111.9	\$460
LSD (0.10) =	4.6	0.2	2		
LSD (0.25) =	3.2	0.1	1		
C.V. =	6.6	1.2			

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = \$9.00 GMO / \$9.00 Non-GMO

TEST COMMENTS: *This site was very dry and clean (weed and disease-free) at harvest. For the first time this year, grain moistures were so low that we had some cracked beans in collected grain samples. Soybean height at harvest was in the mid thigh range and was uniform throughout the test. We had good results with high data quality here, one of the better tests we've had over the years at Cavour.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report date: 10/18/2014 Revised:

All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG1733 §	RR2Y	1.70	R	ACi
Asgrow	AG2031 §	RR2Y	2.00	R	ACi
Asgrow	AG2232 §	RR2Y	2.20	R	ACi
Channel	2108R2	RR2Y	2.10	R	ACi
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB
Dyna-Gro	S18RY25	RR2Y	1.80	R	CMBV
Dyna-Gro	S20RY94	RR2Y	2.00	R	CMBV
Dyna-Gro	SX14819R	RR2Y	1.90	R	CMBV
Federal	F143RR2Y	RR2Y	1.40	S	CMB
Federal	F175NRR2Y	RR2Y	1.70	R	CCB
Federal	F205NRR2Y	RR2Y	2.00	R	CCB
Hefty	H16R5	RR2Y	1.60	MR	DST
Hefty	H17R4	RR2Y	1.70	S	DST
Hefty	H17R5	RR2Y	1.70	MR	DST
Hefty	H18R5	RR2Y	1.80	MR	DST
Hefty	H20R5	RR2Y	2.00	MR	DST
Hefty	H20Y12	RR2Y	2.00	MR	DST
Hefty	H21Y11	RR2Y	2.10	R	DST
Hefty	H23R5	RR2Y	2.30	MR	DST
Latham	E1882R2	RR2Y	1.80	R	SS+
Latham	L1750R2	RR2Y	1.70	S	SS+
Latham	L1785R2	RR2Y	1.70	R	CCB
Latham	L1858R2	RR2Y	1.80	R	SS+
Latham	L1968R2	RR2Y	1.90	R	CCB
Latham	L1985R2	RR2Y	1.90	R	CCB
Latham	L2084R2	RR2Y	2.00	R	CCB
Latham	L2128R2	RR2Y	2.10	R	CCB
Mustang	18425 GC	RR2Y	1.80	R	AC,PV
Mustang	20825 GC	RR2Y	2.00	n/a	AC,PV
Mustang	21993 GC	RR2Y	2.10	n/a	AC,PV
NK Brand	S17-B3 §	RR2Y	1.70	R	CCB
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB
NK Brand	S22-F8 §	RR2Y	2.20	S	CMBV
Pfister	17R28	RR2Y	1.70	R	CCB
Pfister	19R24	RR2Y	1.90	R	CCB
Pfister	20R23	RR2Y	2.00	R	CCB
Pfister	22R20	RR2Y	2.20	R	CCB
Pioneer	92Y22 §	RR	2.20	R	EE,G
Pioneer	P19T01R §	RR	1.90	R	None
Pioneer	P22T69R §	RR	2.20	R	EE,G
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV
Prairie Brand	PB-2024R2	RR2Y	2.00	R	CMBV
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV
Proseed	P2 30-18	RR2Y	1.80	R	CMB
Proseed	P2 30-21	RR2Y	2.10	R	CMB
REA	1901	RR2Y	1.90	MR	ACi
REA	78G12	RR2Y	1.80	R	ACi
REA	81G14	RR2Y	2.00	MR	ACi
REA	82G14	RR2Y	2.20	R	ACi
REA	R1815	RR2Y	1.80	R	ACi
REA	R2115	RR2Y	2.10	R	ACi
Renk	RS175NR2	RR2Y	1.70	R	None
Renk	RS183NR2	RR2Y	1.80	R	None
Renk	RS213NR2	RR2Y	2.10	R	CMB
Renk	RS224NR2	RR2Y	2.20	R	None
Stine	19RA02 §	RR2Y	1.90	R	None
Stine	20RD20 §	RR2Y	2.00	R	None
Stine	22RD00 §	RR2Y	2.20	MR	None
Titan Pro	20M1	RR2Y	2.00	R	CCB
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB
Titan Pro	TP-20R44	RR2Y	2.00	R	CCB
Titan Pro	TP-21R63	RR2Y	2.10	R	CCB
Wensman	W 3170NR2	RR2Y	1.70	R	AC,PV
Wensman	W 3195NR2	RR2Y	1.90	R	AC,PV
Wensman	W 3200NR2	RR2Y	2.00	R	AC,PV
Wensman	W 3214NR2	RR2Y	2.10	R	AC,PV
Wensman	W 3222NR2	RR2Y	2.20	R	AC,PV
Wensman	W 3228NR2	RR2Y	2.20	R	AC,PV

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. VPM maxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPM maxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a Syngenta Group Company.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	DST	Dominance ST
A	Allegiance®	EE	Evergol™ Energy
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	I	Inovate™ System
AM	ApronMaxx®	M	Maxim®
AP	Apron XL®	None	untreated
AVB	Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
C	Cruiser®	PV	Poncho®/Votivo®
CCB	Clariva Complete Beans	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

* Seed treatments may include unspecified plant health promoting components.