

2014 Soybean Top 30 Harvest Report

South Dakota Southeast [SDSE] SALEM

Kurt Stiefvater, McCook County, SD 57058



Test by: MNS Seed Testing, LLC, New Richland, MN

PREV. CROP/HERB: Corn / Roundup, Laudis, atrazine
 SOIL DESCRIPTION: Crossplain-Clarno clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 7.2 pH, 2.7 % OM, No SCN
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Authority, FirstRate, Flexstar
 SEEDING - RATE - ROW: May 28 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 9 106,700 /A

All-Season Test

2.1 - 2.8 Day RM
 S2014SDSE01

Top 30 of 81

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
Latham	E2328R2	RR2Y	2.30	R	CCB	66.0	11.3	2	105.5	\$594
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB	65.3	12.2	5	110.4	\$588
Asgrow	AG2431 §	RR2Y	2.40	S	ACi	63.6	12.0	4	101.6	\$572
Pfister	24R22	RR2Y	2.40	R	CCB	62.5	13.9	4	107.4	\$561
Federal	F224NRR2Y	RR2Y	2.20	R	CCB	61.5	10.7	4	112.3	\$554
Latham	L2384R2	RR2Y	2.30	R	SS+	61.4	14.2	3	103.6	\$551
Prairie Brand	PB-2600R2	RR2Y	2.60	MR	CMBV	61.4	15.3	5	101.6	\$550
Latham	L2128R2	RR2Y	2.10	R	CCB	61.3	11.4	4	111.4	\$552
Latham	L2645R2	RR2Y	2.60	S	CCB	61.2	16.0	4	111.3	\$547
Asgrow	AG2433 §	RR2Y	2.40	MR	ACi	61.1	13.7	3	106.5	\$549
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR	CMB	61.1	14.7	4	108.4	\$548
REA	R2705	RR2Y	2.70	MR	ACi	60.3	13.4	4	108.4	\$542
Titan Pro	TP-21R63	RR2Y	2.10	R	CCB	60.1	12.0	4	107.5	\$541
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV	60.0	10.9	2	112.3	\$540
Dyna-Gro	S25RY44	RR2Y	2.50	R	CMBV	60.0	13.5	4	110.4	\$539
Latham	L2884R2	RR2Y	2.80	R	CCB	59.9	15.4	3	103.6	\$536
REA	R2115	RR2Y	2.10	R	ACi	59.4	11.0	4	109.4	\$535
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	59.2	10.9	4	110.4	\$533
Hefty	H28R5	RR2Y	2.80	MR	DST	59.2	14.5	3	106.5	\$531
Hefty	H24R5	RR2Y	2.40	MR	DST	59.1	17.5	4	106.5	\$527
Wensman	W 3254NR2	RR2Y	2.50	R	AC,PV	59.0	12.2	3	109.4	\$531
Mustang	20825 GC	RR2Y	2.00	n/a	AC,PV	58.8	11.9	4	109.4	\$529
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV	58.8	12.2	4	101.6	\$529
Federal	F205NRR2Y	RR2Y	2.00	R	CCB	58.6	10.9	4	110.4	\$527
REA	86G14	RR2Y	2.50	R	ACi	58.5	14.5	4	104.5	\$525
Federal	F255NRR2Y	RR2Y	2.50	R	CCB	58.5	14.4	6	107.4	\$525
Hefty	H28R4	RR2Y	2.80	MR	DST	58.5	16.8	3	103.5	\$522
REA	R2415	RR2Y	2.40	R	ACi	58.3	13.3	3	104.5	\$524
Latham	L2758R2	RR2Y	2.70	R	CCB	58.3	14.3	4	110.4	\$523
Channel	2508R2	RR2Y	2.50	R	ACi	58.1	13.1	4	110.4	\$523

Test Average =	56.9	13.1	4	106.7	\$511
LSD (0.10) =	6.2	1.9	2		
LSD (0.25) =	4.3	1.3	1		
C.V. =	8.1	10.9			

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

TEST COMMENTS: Kurt recorded 4.4 inches of rain in August and has had 17.6 inches total through September 4th which is 5.4 inches less than 2013. The beans in the test were mid thigh high at harvest and very clean. We had a few flat and wet pods in our grain samples. Soybean development lagged all year and some full season varieties got hit by frost before they fully matured.

† 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: 10/10/2014 Revised:

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All-Season Test Products (81 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2431 §	RR2Y	2.40	S	ACi
Asgrow	AG2433 §	RR2Y	2.40	MR	ACi
Asgrow	AG2733 §	RR2Y	2.70	MR	ACi
Channel	2508R2	RR2Y	2.50	R	ACi
Channel	2808R2	RR2Y	2.80	R	ACi
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB
Dairyland	DSR-2612/R2Y	RR2Y	2.60	R	CMB
Dairyland	DST24-006/R2Y	RR2Y	2.40	R	CMB
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR	CMB
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV
Dyna-Gro	S25RY44	RR2Y	2.50	R	CMBV
Federal	F205NRR2Y	RR2Y	2.00	R	CCB
Federal	F224NRR2Y	RR2Y	2.20	R	CCB
Federal	F230RR2Y	RR2Y	2.30	S	CMB
Federal	F255NRR2Y	RR2Y	2.50	R	CCB
Hefty	H20Y12	RR2Y	2.00	MR	DST
Hefty	H21Y11	RR2Y	2.10	R	DST
Hefty	H23R5	RR2Y	2.30	MR	DST
Hefty	H24R5	RR2Y	2.40	MR	DST
Hefty	H25R5	RR2Y	2.50	MR	DST
Hefty	H27R5	RR2Y	2.70	MR	DST
Hefty	H28R4	RR2Y	2.80	MR	DST
Hefty	H28R5	RR2Y	2.80	MR	DST
Latham	E2328R2	RR2Y	2.30	R	CCB
Latham	L2128R2	RR2Y	2.10	R	CCB
Latham	L2253R2	RR2Y	2.20	R	CCB
Latham	L2384R2	RR2Y	2.30	R	SS+
Latham	L2448R2	RR2Y	2.40	R	CCB
Latham	L2645R2	RR2Y	2.60	S	CCB
Latham	L2758R2	RR2Y	2.70	R	CCB
Latham	L2884R2	RR2Y	2.80	R	CCB
Mustang	20825 GC	RR2Y	2.00	n/a	AC,PV
Mustang	21993 GC	RR2Y	2.10	n/a	AC,PV
NK Brand	S24-K2 §	RR2Y	2.40	S	CMBV
NK Brand	S26-P3 §	RR2Y	2.60	MR	CCB
NK Brand	S27-J7 §	RR2Y	2.70	R	CCB
Pfister	22R20	RR2Y	2.20	R	CCB
Pfister	24R22	RR2Y	2.40	R	CCB
Pfister	26R29	RR2Y	2.60	R	CCB
Pfister	28R21	RR2Y	2.80	R	CCB
Pioneer	92Y22 §	RR	2.20	R	EE,G
Pioneer	92Y51 §	RR	2.50	R	EE,G
Pioneer	P19T01R §	RR	1.90	R	None

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
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
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV
Prairie Brand	PB-2600R2	RR2Y	2.60	MR	CMBV
Prairie Brand	PB-2788R2	RR2Y	2.70	R	CMB
REA	81G14	RR2Y	2.00	MR	ACi
REA	82G14	RR2Y	2.20	R	ACi
REA	84G14	RR2Y	2.40	R	ACi
REA	86G14	RR2Y	2.50	R	ACi
REA	R2115	RR2Y	2.10	R	ACi
REA	R2415	RR2Y	2.40	R	ACi
REA	R2705	RR2Y	2.70	MR	ACi
REA	R2815	RR2Y	2.80	R	ACi
Renk	RS213NR2	RR2Y	2.10	R	CMB
Renk	RS224NR2	RR2Y	2.20	R	None
Renze	22R33R2cn	RR2Y	2.20	R	CMB
Renze	24R25R2cn	RR2Y	2.40	R	CMB
SOI	2208NRR2Y	RR2Y	2.20	R	None
SOI	2430RR2Y	RR2Y	2.40	S	None
Stine	22RD00 §	RR2Y	2.20	MR	None
Stine	24RE03 §	RR2Y	2.40	MR	None
Stine	26RD02 §	RR2Y	2.60	R	None
Titan Pro	22M12	RR2Y	2.20	R	CCB
Titan Pro	25M22	RR2Y	2.50	R	CCB
Titan Pro	TP-21R63	RR2Y	2.10	R	CCB
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB
Titan Pro	TP-24R24	RR2Y	2.40	R	CCB
Titan Pro	TP-27R54	RR2Y	2.70	R	CCB
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
Wensman	W 3254NR2	RR2Y	2.50	R	AC,PV
Wensman	W 3275NR2	RR2Y	2.70	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. VPMaxx® 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®, VPMaxx® 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.