

2018 Soybean Top 30 Harvest Report
 South Dakota Northeast [SDNE] WATERTOWN
 Myron Keltgen, Codington County, SD 57201



PREV. CROP/HERB: Corn / TripleFlex II, atrazine, Bellum
 SOIL DESCRIPTION: Poinsett-Buse-Waubay silty clay loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Low P, high K, 7.5 pH, 4.1% OM, 27.3 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: glyphosate, Outlook, Anthem, Metribuzin, Aquila XL
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 25 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 16 103,000 /A

All-Season Test
Maturity Group 1.0 - 1.7
 S2018SDNE11

Top 30 of 54
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Latham	L1673R2	RR2Y	1.6	S	61.3	15.1	1	106.0	\$488	1
Renk	RS169NX	RRX	1.6	R	57.8	26.8	9	107.4	\$446	6
Latham	L1482R2X	RRX	1.4	R	56.7	14.7	1	99.7	\$452	2
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	56.5	14.2	1	103.6	\$451	3
Latham	L1438R2	RR2Y	1.4	R	56.5	14.2	1	104.5	\$451	4
Golden Harvest	GH0992X	RRX	0.9	R	56.3	14.9	1	106.5	\$448	5
Proseed	XT71-10	RR2Y	1.1	R	56.0	14.7	1	100.7	\$446	7
Stine	13RI32 §	RR2Y	1.3	R	55.8	14.3	2	100.7	\$445	8
Latham	L1769R2X	RRX	1.7	R	55.6	15.0	1	107.4	\$443	9
Titan Pro	TP 16X77	RRX	1.6	MR	55.5	14.7	1	110.4	\$442	10
Pioneer	P12A59X §	RRX	1.2	R	55.3	14.5	1	102.6	\$441	11
Stine	14RD62 §	RR2Y	1.4	R	55.2	15.3	1	101.2	\$439	12
LG Seeds	LGS1575RX	RRX	1.5	R	54.5	14.5	2	104.5	\$434	13
Latham	L1748R2	RR2Y	1.7	R	54.5	15.4	1	106.5	\$433	14
Hefty	H13X7	RRX	1.3	MR	54.4	14.7	1	104.5	\$433	15
Renk	RS084NR2	RR2Y	0.8	R	54.0	14.4	1	102.6	\$430	16
REA	RX1739	RRX	1.7	R	53.7	16.1	1	102.6	\$426	17
Dairyland	DSR-1611/R2Y	RR2Y	1.6	S	53.5	15.7	1	104.5	\$425	18
Thunder	SB8916N	RRX	1.6	R	53.3	15.8	1	101.6	\$423	19
Thunder	SB8811N	RRX	1.1	R	53.0	14.5	1	104.5	\$422	20
Hefty	H13X8	RRX	1.3	MR	52.8	14.2	1	105.5	\$421	21
Renk	RS149NX	RRX	1.4	R	52.8	14.6	1	95.8	\$421	22
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	52.5	15.0	1	104.1	\$418	23
Latham	L1184R2X	RRX	1.1	R	52.1	14.5	1	101.6	\$415	24
Renk	RS153NR2	RR2Y	1.5	R	52.0	15.2	1	105.0	\$414	25
Hefty	H11X8	RRX	1.1	MR	51.3	14.7	1	104.5	\$409	26
Hefty	H14X8	RRX	1.4	MR	51.2	14.7	1	102.6	\$408	27
Thunder	SB8814N	RRX	1.4	R	51.0	14.5	1	105.5	\$406	28
NK Brand	S10-H7X §	RRX	1.0	MR	51.0	15.2	1	104.5	\$406	29
Dyna-Gro	S12XT07	RRX	1.2	MR	50.7	14.4	2	105.5	\$404	30

Averages = **51.3** **15.0** **1** **103.0** **\$408**
 LSD (0.10) = 6.0 0.2 0.5
 LSD (0.25) = 3.1 0.1 0.3
 C.V. = 11.1

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Prev. years avg. yield, 48.5 bu/a, 4 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

TEST COMMENTS: *We planted into plenty of moisture at this no-till site. The plot was weed-free with soybean plant heights around 30" at harvest. Some plant height and yield variation could be due to drainage as wet conditions persisted into the second half of the growing season. Beans shelled well. Area grain moistures are over 14 percent as bean harvest just started after two weeks of weather delays.*

† 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: 10/17/2018 Revised:

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All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Anderson	168RX §	RRX	1.6	MR	None	Renk	RS153NR2	RR2Y	1.5	R	EcTC
Asgrow	AG11X8 §	RRX	1.1	R	AC,PV	Renk	RS169NX	RRX	1.6	R	EcTC
Asgrow	AG14X8 §	RRX	1.4	R	AC,PV	Stine	13RI32 §	RR2Y	1.3	R	SF
Asgrow	AG17X8 §	RRX	1.7	R	AC,PV	Stine	14RD62 §	RR2Y	1.4	R	SF
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	CMB	Thunder	3914R2YN	RR2Y	1.4	R	Ret
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB	Thunder	SB8811N	RRX	1.1	R	Ret
Dairyland	DSR-1611/R2Y	RR2Y	1.6	S	CMB	Thunder	SB8814N	RRX	1.4	R	Ret
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB	Thunder	SB8916N	RRX	1.6	R	Ret
Dyna-Gro	S12XT07	RRX	1.2	MR	EQV,Ci	Titan Pro	TP 16X77	RRX	1.6	MR	None
Dyna-Gro	S16XT58	RRX	1.6	R	EQV,Ci						
Golden Harvest	GH0992X	RRX	0.9	R	CCB,Me						
Golden Harvest	GH1024X	RRX	1.0	MR	CCB,Me						
Golden Harvest	GH1486X	RRX	1.4	R	CCB,Me						
Hefty	H10X9	RRX	1.0	MR	DST						
Hefty	H11X8	RRX	1.1	MR	DST						
Hefty	H12X7	RRX	1.2	MR	DST						
Hefty	H13X7	RRX	1.3	MR	DST						
Hefty	H13X8	RRX	1.3	MR	DST						
Hefty	H14X8	RRX	1.4	MR	DST						
Hefty	H17X9	RRX	1.7	MR	DST						
Latham	L1184R2X	RRX	1.1	R	SS+						
Latham	L1438R2	RR2Y	1.4	R	SS+						
Latham	L1482R2X	RRX	1.4	R	SS+						
Latham	L1673R2	RR2Y	1.6	S	SS+						
Latham	L1748R2	RR2Y	1.7	R	SS,IL						
Latham	L1769R2X	RRX	1.7	R	SS+						
LG Seeds	LGS1575RX	RRX	1.5	R	ASfi,IL						
Mustang	12X928	RRX	1.2	R	F,I						
Mustang	14X428	RRX	1.4	R	F,I						
NK Brand	S10-H7X §	RRX	1.0	MR	CCB,Me						
NK Brand	S14-B2X §	RRX	1.4	R	CCB,Me						
Pioneer	P11T22R2 §	RR2Y	1.1	R	None						
Pioneer	P12A59X §	RRX	1.2	R	None						
Pioneer	P15T46R2 §	RR2Y	1.5	R	None						
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMB						
Proseed	XT71-10	RR2Y	1.1	R	CMB						
Proseed	XT71-40	RRX	1.4	R	CMB						
REA	RX1027	RRX	1.0	R	AC,PV						
REA	RX1428	RRX	1.4	R	AC,PV						
REA	RX1439	RRX	1.4	R	AC,PV						
REA	RX1529	RRX	1.5	R	AC,PV						
REA	RX1739	RRX	1.7	R	AC,PV						
Renk	RS084NR2	RR2Y	0.8	R	EcTC						
Renk	RS089NX	RRX	0.8	R	EcTC						
Renk	RS149NX	RRX	1.4	R	EcTC						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
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	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron® fungicide products	IL	ILeVO®
ACi	Acceleron® fungicide and insecticide products	In	Intego™ Solo
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

* Seed treatments may include unspecified plant health promoting components.