

2018 Soybean Top 30 Harvest Report
 South Dakota Northeast [SDNE] GROTON
 Scott Sperry, Brown County, SD 57427



PREV. CROP/HERB: Corn / Harness Xtra, atrazine, Sterling Blue, Roundup
 SOIL DESCRIPTION: Great Bend-Putney silt loam, well drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 5.1 pH, 4.3% OM, 23.2 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Roundup WeatherMax, Authority MTZ, Flexstar, Select Max
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 16 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 18 112,900 /A

All-Season Test
Maturity Group 1.0 - 1.7
 S2018SDNE12

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
LG Seeds	LGS1575RX	RRX	1.5	R	68.0	13.9	3	112.3	\$543	1
Hefty	H17X9	RRX	1.7	MR	67.1	14.3	2	109.4	\$535	2
Thunder	SB8916N	RRX	1.6	R	66.7	15.3	1	110.4	\$531	3
Latham	L1769R2X	RRX	1.7	R	66.0	14.7	2	114.2	\$526	4
Asgrow	AG17X8 §	RRX	1.7	R	65.1	15.7	2	113.3	\$517	6
Hefty	H14X8	RRX	1.4	MR	65.0	13.9	2	111.3	\$519	5
Asgrow	AG11X8 §	RRX	1.1	R	64.2	13.7	2	114.2	\$513	7
REA	RX1439	RRX	1.4	R	63.6	13.6	2	113.3	\$508	8
NK Brand	S10-H7X §	RRX	1.0	MR	62.8	14.2	3	111.3	\$501	9
Titan Pro	TP 16X77	RRX	1.6	MR	62.2	13.8	1	108.4	\$497	10
Proseed	XT71-40	RRX	1.4	R	62.0	13.9	2	111.3	\$495	11
Anderson	168RXT §	RRX	1.6	MR	61.3	13.8	4	112.3	\$489	12
Golden Harvest	GH1024X	RRX	1.0	MR	61.1	14.3	2	110.4	\$487	13
Hefty	H13X8	RRX	1.3	MR	60.4	13.8	2	118.1	\$482	14
Hefty	H10X9	RRX	1.0	MR	60.2	14.5	2	111.3	\$480	15
Golden Harvest	GH0992X	RRX	0.9	R	60.1	14.0	1	116.2	\$480	16
Latham	L1184R2X	RRX	1.1	R	60.1	13.9	4	105.5	\$480	17
Dyna-Gro	S12XT07	RRX	1.2	MR	60.0	13.7	1	106.5	\$479	18
Renk	RS149NX	RRX	1.4	R	59.9	13.8	1	117.1	\$478	19
Hefty	H11X8	RRX	1.1	MR	59.9	13.7	2	115.2	\$478	20
Latham	L1482R2X	RRX	1.4	R	59.6	13.9	2	112.3	\$476	21
Thunder	SB8811N	RRX	1.1	R	58.8	13.6	1	116.2	\$470	22
Stine	13RI32 §	RR2Y	1.3	R	58.3	14.0	1	108.9	\$465	23
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	58.2	13.3	1	110.4	\$465	24
REA	RX1529	RRX	1.5	R	58.1	13.8	2	113.3	\$464	25
Thunder	SB8814N	RRX	1.4	R	57.7	13.5	1	121.5	\$461	26
Asgrow	AG14X8 §	RRX	1.4	R	57.7	13.9	1	112.3	\$461	27
Dyna-Gro	S16XT58	RRX	1.6	R	57.5	14.5	2	116.2	\$458	28
Pioneer	P11T22R2 §	RR2Y	1.1	R	57.3	13.3	1	115.2	\$458	29
Latham	L1438R2	RR2Y	1.4	R	57.2	13.4	1	113.3	\$457	30

Averages = **56.7** **15.5** **2** **112.9** **\$451**
 LSD (0.10) = 7.4 2.7 2.2
 LSD (0.25) = 3.9 1.4 1.2
 C.V. = 12.4

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Prev. years avg. yield, 60.6 bu/a, 1 yr

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

TEST COMMENTS: *Plant heights of 30 inches or less for most varieties. Most plots featured bushy plants with tight pod placement. Tough bean plants that made the Gleaner rumble on every plot. The grain moisture started the day close to 15 percent and by the time we finished it had dropped below 14 percent.*

† 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: 10/21/2018 Revised:

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.