

2018 Soybean Top 30 Harvest Report
 South Dakota Southeast [SDSE] SALEM
 Ernie Christensen, McCook County, SD 57048



PREV. CROP/HERB: Corn / atrazine, Roundup, Resicore
 SOIL DESCRIPTION: Hand-Bonilla loam, well drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 6.0 pH, 4.1% OM, 22.8 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup PowerMax, Flexstar, Authority
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 18 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 23 117,800 /A

All-Season Test
Maturity Group 2.1 - 2.8
 S2018SDSE01

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	LGS2444RX	RRX	2.4	R	76.3	10.6	2	118.6	\$610	1
Latham	L2549R2X	RRX	2.5	R	74.3	10.4	1	112.8	\$594	2
Stine	19BA23 GC	G27	2.0	R	72.0	10.6	1	115.7	\$576	3
Latham	L2464R2X	RRX	2.4	R	71.8	10.5	1	116.6	\$574	4
Dyna-Gro	S25XT99	RRX	2.5	R	71.2	10.5	1	119.1	\$570	5
Latham	L2482R2	RR2Y	2.4	R	70.7	10.6	1	120.0	\$566	6
Golden Harvest	GH2788X	RRX	2.7	R	70.6	10.7	2	117.1	\$565	7
Stine	27RI02 GC	RR2Y	2.7	R	70.5	10.8	1	118.1	\$564	8
LG Seeds	LGS2417RX	RRX	2.4	R	70.1	11.2	2	120.5	\$561	9
Stine	21RI32 §	RR2Y	2.1	R	70.0	10.6	1	115.2	\$560	10
NK Brand	S21-W8X §	RRX	2.1	R	70.0	10.6	2	116.2	\$560	11
Hefty	H22X8	RRX	2.2	MR	70.0	10.7	2	116.6	\$560	12
Golden Harvest	GH2230X	RRX	2.2	R	69.8	10.4	1	118.1	\$558	13
Dairyland	DSR-2616/R2Y	RR2Y	2.6	MR	69.3	10.5	2	117.1	\$554	14
Asgrow	AG24X7 §	RRX	2.4	R	68.9	10.7	1	117.1	\$551	15
Renk	RS207NX	RRX	2.0	R	68.8	10.6	5	119.5	\$550	16
Hefty	H23X9	RRX	2.3	MR	68.4	10.8	1	121.5	\$547	17
Latham	L2638GT27	G27	2.6	R	67.7	10.6	1	117.1	\$542	18
Dairyland	DSR-2062/R2Y GC	RR	2.2	R	67.6	10.6	2	113.7	\$541	19
Dyna-Gro	S26RS75	RR2Y,ST	2.6	R	67.6	11.0	2	117.6	\$541	20
Mustang	22X228 §	RRX	2.2	R	67.6	10.6	9	118.1	\$541	21
Hefty	H24X8	RRX	2.4	MR	67.4	11.1	1	118.1	\$539	22
Mustang	24X728 GC	RRX	2.4	R	67.0	11.3	2	118.1	\$536	23
Pfister	24R201	RR2Y	2.4	R	66.7	10.7	4	119.1	\$534	24
Pioneer	P19A14X §	RRX	1.9	R	66.5	10.4	2	122.9	\$532	25
Pioneer	P22T73R §	RR	2.2	R	66.3	10.6	1	118.6	\$530	26
NK Brand	S27-M8X §	RRX	2.7	R	66.3	10.8	1	117.1	\$530	27
Latham	L2295R2X	RRX	2.2	R	66.3	10.5	2	116.2	\$530	28
Asgrow	AG26X8 §	RRX	2.6	R	65.5	10.8	4	118.6	\$524	29
Prairie Brand	PB-2600R2	RR2Y	2.6	S	65.4	10.6	1	119.1	\$523	30

Averages = **65.2** **10.7** **2** **117.8** **\$522**
 LSD (0.10) = 5.1 0.2 2.4
 LSD (0.25) = 2.7 0.1 1.2
 C.V. = 7.4

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Prev. years avg. yield, 49.0 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: *Another plot with strong yields this year. We saw more lodging here than other soybean plots so far but it wasn't a big factor for harvest. Sclerotinia white mold was present, impacting a few varieties with black sclerotia appearing in grain samples. Weed control was good and we had great harvest conditions. Some pod shatter occurred when bean plants hit the cutter bar.*

† 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: 10/25/2018 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.