

2018 Soybean Top 30 Harvest Report

South Dakota Northeast [SDNE] BATH

Scott Sperry, Brown County, SD 57427



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

PREV. CROP/HERB: Corn / Harness Xtra, atrazine, Sterling Blue, Roundup
 SOIL DESCRIPTION: Great Bend-Zell silt loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 6.6 pH, 5.1% OM, 21.9 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 17 113,600 /A

All-Season Test
Maturity Group 1.0 - 1.7
 S2018SDNE10

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	L1184R2X	RRX	1.1	R	70.6	12.9	1	110.4	\$565	1
Asgrow	AG17X8 §	RRX	1.7	R	68.1	13.7	1	121.0	\$544	2
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	67.7	12.2	1	115.2	\$542	3
Latham	L1769R2X	RRX	1.7	R	66.9	13.0	1	116.2	\$535	4
Dyna-Gro	S12XT07	RRX	1.2	MR	65.7	12.4	1	110.4	\$526	5
Renk	RS149NX	RRX	1.4	R	65.0	12.0	1	116.2	\$520	6
Hefty	H17X9	RRX	1.7	MR	64.6	15.7	1	112.3	\$513	7
Renk	RS084NR2	RR2Y	0.8	R	64.1	11.7	1	114.2	\$513	8
Proseed	XT71-40	RRX	1.4	R	63.4	12.9	1	110.4	\$507	9
Mustang	14X428	RRX	1.4	R	63.0	13.0	1	112.3	\$504	10
REA	RX1027	RRX	1.0	R	62.8	11.7	1	116.2	\$502	11
Renk	RS089NX	RRX	0.8	R	62.5	12.6	1	112.3	\$500	12
Latham	L1673R2	RR2Y	1.6	S	62.5	13.4	1	115.2	\$500	13
Thunder	SB8814N	RRX	1.4	R	62.2	12.7	4	116.2	\$498	14
Stine	14RD62 §	RR2Y	1.4	R	62.2	13.1	1	111.3	\$497	15
Titan Pro	TP 16X77	RRX	1.6	MR	62.0	12.6	1	112.3	\$496	16
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	61.4	14.3	1	110.4	\$490	17
Hefty	H11X8	RRX	1.1	MR	61.3	12.4	1	116.2	\$490	18
Hefty	H14X8	RRX	1.4	MR	61.3	12.9	1	114.2	\$490	19
Golden Harvest	GH1486X	RRX	1.4	R	61.1	13.3	1	116.6	\$488	20
Golden Harvest	GH0992X	RRX	0.9	R	61.0	13.1	1	113.3	\$488	21
Hefty	H12X7	RRX	1.2	MR	60.8	12.4	1	115.2	\$486	22
Proseed	XT71-10	RR2Y	1.1	R	60.5	12.8	1	117.6	\$484	23
Dyna-Gro	S16XT58	RRX	1.6	R	60.3	12.6	1	113.3	\$482	24
NK Brand	S10-H7X §	RRX	1.0	MR	60.3	13.2	1	114.2	\$482	25
Hefty	H13X8	RRX	1.3	MR	60.1	12.2	1	115.2	\$481	26
NK Brand	S14-B2X §	RRX	1.4	R	59.8	13.4	1	115.2	\$478	27
Asgrow	AG14X8 §	RRX	1.4	R	59.7	12.6	1	115.2	\$478	28
Dairyland	DSR-1611/R2Y	RR2Y	1.6	S	59.7	13.7	1	116.2	\$477	29
Hefty	H13X7	RRX	1.3	MR	59.6	12.8	1	115.2	\$477	30

Averages = **59.6** **13.2** **1** **113.6** **\$477**

LSD (0.10) = 5.6 0.7 1.4

LSD (0.25) = 2.9 0.4 0.7

C.V. = 8.9 Prev. years avg. yield, 52.1 bu/a, 12 yrs

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

TEST COMMENTS: Rainfall was scarce after planting as the Aberdeen area was in a moderate drought most of the summer. At harvest, bean plants were 30 inches tall on average. Many varieties had bushed out and had tightly grouped pod clusters low to the ground. Bean pods were dry but the plant stems remained tough. The 60 bu/ac average plot yield was surprising considering the relatively short plants.

† 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: 10/20/2018 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.