

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

## 2019 Soybeans Top 30 Harvest Report

South Dakota Northeast [SDNE] BATH, SD  
Scott Sperry, Brown County, SD 57427

<b>All-Season Test</b>	1.0 - 1.7 Day CRM S2019SDNE11
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Harness Xtra, atrazine, Sterling Blue, Roundup
<b>SOIL DESCRIPTION:</b>	Great Bend-Beotia silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 5.5 pH, 5.4% OM, 18.8 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Flexstar, Select Max, Roundup
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 16 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 9 109.6 /A

### TEST COMMENTS:

*We had some weed pressure early as the plot lacked a pre-emerge application. We hand weeded bigger weeds and the post emerge spray worked well. We had 3 to 4 inches of snow on the beans in October, and harvest was delayed from the wet conditions. Recent cold and wet conditions have not allowed beans to dry much and we saw grain moistures around 15 percent. White mold was present in the our plot, and some variable yield results can be attributed to that.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	S14-U9X §	RRX	1.4	MR	<b>56.6</b>	14.9	1	106.9	478	1
ASGROW	AG10X9 §	RRX	1.0	R	<b>56.5</b>	15.1	1	109.9	477	2
REA	RX1529	RRX	1.5	R	<b>54.4</b>	14.8	1	106.4	460	3
RENK	RS149NX	RRX	1.4	R	<b>54.3</b>	15.1	1	112.8	459	4
GOLDEN HARVEST	GH1538X	RRX	1.5	R	<b>54.1</b>	15.1	1	106.0	457	5
LATHAM	L 1673R2	RR2Y	1.6	S	<b>52.2</b>	15.1	1	114.2	441	6
ASGROW	AG17X8 §	RRX	1.7	R	<b>52.2</b>	14.8	1	112.8	441	7
RENK	RS100NX	RRX	1.0	R	<b>52.1</b>	15.1	1	109.9	440	8
GOLDEN HARVEST	GH0936X	RRX	0.9	MR	51.2	15.0	1	107.9	433	9
NK BRAND	S14-B2X §	RRX	1.4	R	50.8	15.3	1	109.4	429	10
HEFTY	H16X8	RRX	1.6	MR	50.3	15.3	1	107.9	425	11
ASGROW	AG11X8 §	RRX	1.1	R	50.3	15.1	1	109.4	425	12
RENK	RS153NR2	RR2Y	1.5	R	50.2	15.3	1	108.9	424	13
LATHAM	L 1769R2X	RRX	1.7	R	49.6	15.3	1	114.2	419	14
THUNDER	SB8814N	RRX	1.4	R	49.3	14.9	1	110.3	417	15
HEFTY	H14X0	RRX	1.4	R	49.0	15.0	1	105.0	414	16
STINE	15GA20 §	LG27	1.5	R	48.3	15.4	1	108.9	408	17
LATHAM	L 1648 LLGT27	LG27	1.6	R	47.9	15.5	1	106.9	404	18
NK BRAND	S09-D4X §	RRX	0.9	MR	47.2	14.9	1	107.0	399	19
DYNA-GRO	S16XT58	RRX	1.6	R	47.2	15.6	1	110.8	398	20
THUNDER	TE7017N	E3	1.7	R	47.0	16.1	1	111.3	396	21
GOLDEN HARVEST	GH1317X	RRX	1.3	R	46.8	14.8	1	111.8	396	22
THUNDER	SB8010N	RRX	1.0	R	46.5	14.8	1	111.3	393	23
PIONEER	P08A72X §	RRX	0.8	R	46.3	14.8	1	105.0	391	24
LATHAM	L 1392 E3	E3	1.3	R	46.2	15.6	1	109.4	390	25
RENK	RS170NX	RRX	1.6	R	46.1	15.2	1	113.8	389	26
HEFTY	H16X1	RRX	1.6	R	46.0	15.4	1	112.8	388	27
LATHAM	L 1482R2X	RRX	1.4	R	45.8	15.3	1	105.5	387	28
CREDENZ	CZ 1280GTLL	LG27	1.2	MR	45.2	15.0	1	106.9	382	29
PIONEER	P15T46R2 §	RR2Y	1.5	R	45.1	15.4	1	103.5	381	30



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Averages =	<b>45.7</b>	<b>15.3</b>	<b>1</b>	<b>109.6</b>	<b>386</b>
LSD (0.10) =	5.7	0.3	ns		
LSD (0.25) =	3.0	0.2	ns		
C.V. =	11.8				

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$8.50

Report Date: 11/11/2019

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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## 2019 Soybeans - South Dakota Northeast [ SDNE ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG10X9 §	RRX	R	1.0
ASGROW	AG11X8 §	RRX	R	1.1
ASGROW	AG17X8 §	RRX	R	1.7
CREDENZ	CZ 1280GTLL	LG27	MR	1.2
CREDENZ	CZ 1549GTLL	LG27	R	1.5
DYNA-GRO	S13XT89	RRX	R	1.3
DYNA-GRO	S16XT58	RRX	R	1.6
GENESIS	G1340E	E3	R	1.3
GENESIS	G1680GL	LG27	R	1.6
GOLDEN HARVEST	GH0936X	RRX	MR	0.9
GOLDEN HARVEST	GH1317X	RRX	R	1.3
GOLDEN HARVEST	GH1538X	RRX	R	1.5
HEFTY	H10E0	E3	R	1.0
HEFTY	H14X0	RRX	R	1.4
HEFTY	H16X1	RRX	R	1.6
HEFTY	H16X8	RRX	MR	1.6
HEFTY	Z1300E	E3	R	1.3
HEFTY	Z1401E	E3	R	1.4
HEFTY	Z1600E	E3	R	1.6
LATHAM	L 1359 LLGT27	LG27	R	1.3
LATHAM	L 1392 E3	E3	R	1.3
LATHAM	L 1482R2X	RRX	R	1.4
LATHAM	L 1595 E3	E3	R	1.5
LATHAM	L 1648 LLGT27	LG27	R	1.6
LATHAM	L 1673R2	RR2Y	S	1.6
LATHAM	L 1769R2X	RRX	R	1.7
LATHAM	L 1793 LLGT27	LG27	R	1.7
NK BRAND	S09-D4X §	RRX	MR	0.9
NK BRAND	S14-B2X §	RRX	R	1.4
NK BRAND	S14-U9X §	RRX	MR	1.4
PIONEER	P08A72X §	RRX	R	0.8
PIONEER	P12A59X §	RRX	R	1.2
PIONEER	P15T46R2 §	RR2Y	R	1.5
REA	RX1027	RRX	R	1.0
REA	RX1428	RRX	R	1.4
REA	RX1529	RRX	R	1.5

Company/Brand	Brand/Product	Technology	RM	SCN
REA	RX1610 GC	RRX	R	1.6
REA	RX1739	RRX	R	1.7
RENK	RS100NX	RRX	R	1.0
RENK	RS149NX	RRX	R	1.4
RENK	RS153NR2	RR2Y	R	1.5
RENK	RS170NX	RRX	R	1.6
STINE	09EA02 §	E3	R	0.9
STINE	13EA12 §	E3	R	1.3
STINE	15GA20 §	LG27	R	1.5
THUNDER	SB8010N	RRX	R	1.0
THUNDER	SB8012N	RRX	R	1.2
THUNDER	SB8814N	RRX	R	1.4
THUNDER	TE7011N	E3	R	1.1
THUNDER	TE7013N	E3	R	1.3
THUNDER	TE7017N	E3	R	1.7
THUNDER	TE7910N	E3	R	1.0
THUNDER	TG6013N	E3	R	1.3
TITAN PRO	TP-15E9	E3	R	1.5

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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 Cyst Nematode (SCN) Resistance Rating

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies\*

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E3	Enlist E3™
LG27 or G27	LibertyLink® 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

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