

## 2017 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 WeatherMax  
SOIL DESCRIPTION: Great-Bend silt loam, moderately drained, non-irrigated  
SOIL CONDITIONS: Very high P, very high K, 5.7 pH, 5.8% OM, 20.4 CEC  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: Roundup WeatherMax, Authority MTZ, Sharpen  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: May 13 150,000 /A 30" Spacing  
HARVESTED - STAND: Oct 12 115,200 /A

**All-Season Test**  
**Maturity Group 1.0 - 1.7**  
S2017SDNE09

### Top 30 of 63

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
Dyna-Gro	S16XT58	RRX	1.6	R	<b>66.8</b>	10.5	1	117.1	\$601	1
Renk	RS153NR2	RR2Y	1.5	R	<b>62.3</b>	10.6	3	120.0	\$561	2
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	<b>60.8</b>	10.8	6	119.1	\$547	3
Latham	L1454EXGT	BG	1.4	S	60.5	10.6	7	113.7	\$545	4
NK Brand	S12-R3 §	RR2Y	1.2	R	60.4	10.7	2	115.2	\$544	5
Pioneer	P14T70R2 §	RR2Y	1.4	R	60.4	10.4	4	117.1	\$544	6
Prairie Brand	PB-1376R2	RR2Y	1.3	R	60.4	10.6	5	118.1	\$544	7
Renk	RS147NR2	RR2Y	1.4	R	60.2	10.4	2	118.1	\$542	8
Jacobsen Seed	J574NR2	RR2Y	1.4	R	60.1	10.3	3	113.3	\$541	9
NorthStar	NS 1492NR2 §	RR2Y	1.4	R	59.8	10.5	5	116.2	\$538	10
Prairie Brand	PB-1257R2	RR2Y	1.2	R	59.6	10.4	6	114.2	\$536	11
Legacy Seeds	LS-1338NRR2X	RRX	1.3	R	59.2	10.4	5	119.1	\$533	12
Mustang	16X628	RRX	1.6	R	59.0	10.7	2	108.4	\$531	13
Stine	14RD62 §	RR2Y	1.4	R	58.8	10.7	1	111.3	\$529	14
Thunder	3614R2YN	RR2Y	1.4	R	58.7	10.4	6	110.4	\$528	15
Renk	RS168NX	RRX	1.6	R	58.5	10.7	7	118.1	\$527	16
Latham	L1386R2X	RRX	1.3	R	58.4	10.4	2	117.1	\$526	17
Prairie Brand	PB-1787R2	RR2Y	1.7	R	58.2	10.6	4	120.5	\$524	18
Mustang	14X428	RRX	1.4	R	57.8	10.6	1	115.2	\$520	19
REA	RX1428	RRX	1.4	R	57.8	10.4	3	113.3	\$520	20
Thunder	SB8710N	RRX	1.0	R	57.8	10.5	3	112.3	\$520	21
Asgrow	AG11X8 §	RRX	1.1	R	57.6	10.3	3	119.1	\$518	22
REA	RX1027	RRX	1.0	R	57.4	10.2	1	113.3	\$517	23
Hefty	H14X8	RRX	1.4	R	57.4	10.6	2	111.8	\$517	24
Jacobsen Seed	J573NR2X	RRX	1.4	R	57.3	10.6	2	112.3	\$516	25
Dyna-Gro	S17RY67	RR2Y	1.7	R	57.3	10.8	7	116.2	\$516	26
Golden Harvest	GH1486X	RRX	1.4	R	57.0	10.6	2	118.1	\$513	27
Latham	L1673R2	RR2Y	1.6	S	57.0	10.4	4	122.0	\$513	28
Hefty	H13X8	RRX	1.3	R	57.0	10.4	6	120.0	\$513	29
Renk	RS148NX	RRX	1.4	R	56.8	10.5	1	118.1	\$511	30

Averages = **55.9** **10.6** **4** **115.2** **\$503**

LSD (0.10) = 4.7 0.3 3.7

LSD (0.25) = 2.5 1.3 1.9

C.V. = 8.0 Prev. years avg. yield, 50.5 bu/a, 11 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

**TEST COMMENTS:** *Even emergence and uniform looking plants on our visit the last week of June. At harvest, plants were around 36" tall with close pod placement on the stem and slight stalk lodging. Good weed control with some volunteer corn and couple of stray kochia plants. July was very hot and dry so farmers have been happy with yields in the 60 bushel range as drought conditions lingered nearby.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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

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Report Date: 10/13/2017 Revised:

**2017 Soybean - South Dakota Northeast [ SDNE ]**

**All-Season Test Products (63 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG11X8 §	RRX	1.1	R	ACi	REA	RX1027	RRX	1.0	R	ACi
Asgrow	AG14X7 §	RRX	1.4	R	ACi	REA	RX1327	RRX	1.3	R	ACi
Asgrow	AG17X8 §	RRX	1.7	R	ACi	REA	RX1428	RRX	1.4	R	ACi
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	CMB	REA	RX1727	RRX	1.7	R	ACi
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB	Renk	RS118NX	RRX	1.1	R	AM,IL
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB	Renk	RS147NR2	RR2Y	1.4	R	EcTC
Dyna-Gro	S16XT58	RRX	1.6	R	EQV,Ci	Renk	RS148NX	RRX	1.4	R	AM,IL
Dyna-Gro	S17RY67	RR2Y	1.7	R	EQV,Ci	Renk	RS153NR2	RR2Y	1.5	R	EcTC
Golden Harvest	GH1024X §	RRX	1.0	MR	CCB,Me	Renk	RS168NX	RRX	1.6	R	AM,IL
Golden Harvest	GH1486X	RRX	1.4	R	CCB,Me	Stine	13RI32 §	RR2Y	1.3	R	SFI
Hefty	H11X8	RRX	1.1	R	DST	Stine	14RD62 §	RR2Y	1.4	R	SFI
Hefty	H12X7	RRX	1.2	MR	DST	Thunder	3614R2YN	RR2Y	1.4	R	CMB
Hefty	H13X7	RRX	1.3	R	DST	Thunder	SB8710N	RRX	1.0	R	CMB
Hefty	H13X8	RRX	1.3	R	DST	Thunder	SB8811N	RRX	1.1	R	CMB
Hefty	H14X8	RRX	1.4	R	DST	Thunder	SB8814N	RRX	1.4	R	CMB
Hefty	H16X8	RRX	1.6	R	DST	Titan Pro	TP-11X37	RRX	1.1	MR	IS,IL
Jacobsen Seed	J573NR2X	RRX	1.4	R	AC,PV	Titan Pro	TP-14X27	RRX	1.4	MR	IS,IL
Jacobsen Seed	J574NR2	RR2Y	1.4	R	AC,PV	Titan Pro	TP-16X77	RRX	1.6	MR	IS,IL
Jacobsen Seed	J678NR2X	RRX	1.8	R	AC,PV						
Latham	L1184R2X	RRX	1.1	R	SS+						
Latham	L1386R2X	RRX	1.3	R	CCB,Me						
Latham	L1438R2	RR2Y	1.4	R	CCB,Me						
Latham	L1454EXGT	BG	1.4	S	SS+						
Latham	L1584R2X	RRX	1.5	R	SS+						
Latham	L1673R2	RR2Y	1.6	S	CCB,Me						
Latham	L1684R2X	RRX	1.6	R	CCB,Me						
Latham	L1748R2	RR2Y	1.7	R	SS+						
Legacy Seeds	LS-1136NRR2X	RRX	1.1	R	F,G						
Legacy Seeds	LS-1138NRR2X	RRX	1.1	R	F,G						
Legacy Seeds	LS-1338NRR2X	RRX	1.3	R	F,G						
Legacy Seeds	LS-1638NRR2X	RRX	1.6	R	F,G						
LG Seeds	C1838RX	RRX	1.8	R	ASfi,IL						
Mustang	12X928	RRX	1.2	R	F,I						
Mustang	14X428	RRX	1.4	R	F,I						
Mustang	16X628	RRX	1.6	R	F,I						
NK Brand	S12-R3 §	RR2Y	1.2	R	CCB,Me						
NK Brand	S14-B2X §	RRX	1.4	R	CCB,Me						
NorthStar	NS 1492NR2 §	RR2Y	1.4	R	CCB						
NorthStar	NS 61633NXR2 GC	RRX	1.6	R	CCB						
Pioneer	P10T41X §	RRX	1.0	R	EE,G						
Pioneer	P14T70R2 §	RR2Y	1.4	R	EE,G,IL						
Pioneer	P15T83R §	RR	1.5	R	EE,G						
Prairie Brand	PB-1257R2	RR2Y	1.2	R	CMB						
Prairie Brand	PB-1376R2	RR2Y	1.3	R	CMB						
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CMB						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer.
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

BG	Balance™ GT
LL	LibertyLink <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
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 unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard™
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard +™
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase <sup>®</sup>	TE	Trius Elite™
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaicho <sup>®</sup>	YPP	YP Pro™

\* Seed treatments may include unspecified plant health promoting components.