

## 2017 Soybean Top 30 Harvest Report

South Dakota Northeast [ SDNE ] WATERTOWN  
Myron Keltgen, Codington County, SD 57201



PREV. CROP/HERB: Corn / Harness Xtra, atrazine, Callisto  
SOIL DESCRIPTION: Poinsett-Buse-Waubay silty clay loam, moderately drained, non-irrigated  
SOIL CONDITIONS: Low P, high K, 7.0 pH, 4.8% OM, 22.5 CEC  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: glyphosate, Outlook, Anthem, Metribuzin, Aquila XL  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: May 25 150,000 /A 30" Spacing  
HARVESTED - STAND: Oct 17 107,100 /A

**All-Season Test**  
**Maturity Group 1.0 - 1.7**  
S2017SDNE10

**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
Prairie Brand	PB-1787R2	RR2Y	1.7	R	<b>51.8</b>	13.5	1	111.8	\$466	1
NK Brand	S12-R3 §	RR2Y	1.2	R	<b>50.7</b>	11.2	1	107.9	\$456	2
Asgrow	AG17X8 §	RRX	1.7	R	<b>50.7</b>	12.3	1	114.2	\$456	3
Asgrow	AG14X7 §	RRX	1.4	R	<b>49.7</b>	11.2	2	99.2	\$447	4
Dyna-Gro	S17RY67	RR2Y	1.7	R	<b>49.4</b>	13.8	1	108.4	\$444	5
LG Seeds	C1838RX	RRX	1.8	R	<b>48.7</b>	15.9	1	107.4	\$435	6
Latham	L1454EXGT	BG	1.4	S	<b>48.2</b>	13.6	1	101.6	\$433	7
NorthStar	NS 1492NR2 §	RR2Y	1.4	R	<b>47.8</b>	11.6	2	109.4	\$430	8
Mustang	14X428	RRX	1.4	R	<b>47.6</b>	11.3	1	114.2	\$428	9
Jacobsen Seed	J574NR2	RR2Y	1.4	R	47.3	11.4	1	107.0	\$426	10
Jacobsen Seed	J678NR2X	RRX	1.8	R	46.9	16.8	2	108.9	\$419	11
Renk	RS148NX	RRX	1.4	R	46.5	11.5	1	111.8	\$419	12
Renk	RS147NR2	RR2Y	1.4	R	46.5	11.4	2	106.0	\$419	13
Prairie Brand	PB-1376R2	RR2Y	1.3	R	46.4	11.2	1	106.5	\$418	14
Golden Harvest	GH1486X	RRX	1.4	R	46.3	13.8	1	108.4	\$416	15
Prairie Brand	PB-1257R2	RR2Y	1.2	R	46.1	11.8	1	106.0	\$415	16
Stine	13RI32 §	RR2Y	1.3	R	45.9	12.1	1	111.3	\$413	17
Legacy Seeds	LS-1338NRR2X	RRX	1.3	R	45.6	12.0	1	102.6	\$410	18
Thunder	3614R2YN	RR2Y	1.4	R	45.4	11.7	1	104.5	\$409	19
Dyna-Gro	S16XT58	RRX	1.6	R	45.2	11.6	1	112.3	\$407	20
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	45.1	13.2	2	107.9	\$406	21
Latham	L1584R2X	RRX	1.5	R	44.8	11.3	1	112.8	\$403	22
NK Brand	S14-B2X §	RRX	1.4	R	44.8	13.6	2	108.9	\$403	23
Latham	L1748R2	RR2Y	1.7	R	44.7	14.2	1	105.5	\$401	24
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	44.7	16.5	1	107.9	\$399	30
Titan Pro	TP-14X27	RRX	1.4	MR	44.6	11.6	1	107.9	\$401	25
REA	RX1027	RRX	1.0	R	44.6	11.2	2	110.4	\$401	26
Legacy Seeds	LS-1638NRR2X	RRX	1.6	R	44.5	11.7	1	113.3	\$401	27
Jacobsen Seed	J573NR2X	RRX	1.4	R	44.4	11.5	1	113.7	\$400	28
Pioneer	P14T70R2 §	RR2Y	1.4	R	44.4	11.7	2	108.4	\$400	29

Averages = **43.3** **12.4** **1** **107.1** **\$390**

LSD (0.10) = 4.3 0.5 ns

LSD (0.25) = 2.3 0.2 ns

C.V. = 9.5 Prev. years avg. yield, 49.1 bu/a, 3 yrs

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

**TEST COMMENTS:** *After planting we had some dry weather and uneven emergence. New plants kept popping up well into June. Rainy and wet August. Several early October rain events delivered 7 inches of rain in the area. A frost around October 12th helped harvest conditions. There were a lot of flat wet pods in the grain sample. The plot had good weed control.*

† 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: 10/20/2017 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 <sup>™</sup> 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 <sup>™</sup> Max Plus
A2020	Alert 2020 <sup>™</sup>	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego <sup>™</sup> Solo
AG	ArmourGuard <sup>™</sup>	IS	Intego <sup>™</sup> Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard <sup>™</sup>
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST <sup>™</sup> (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass <sup>™</sup> Plus F/I
CCB	Clariva <sup>™</sup> Complete Beans	None	untreated
CI	Clariva <sup>™</sup> pn	Pd	proTect D <sup>™</sup>
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I <sup>™</sup>
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard + <sup>™</sup>
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance <sup>™</sup> ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
DX	Defend <sup>™</sup> Extra	SDPI	Servo <sup>™</sup> DPI
EcTC	Eclipse <sup>™</sup> US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol <sup>™</sup> Energy	SS	Soyshield <sup>™</sup>
EL	Elevate <sup>™</sup> F+I	SS+	Soyshield Plus <sup>™</sup>
ELV	Elevate <sup>™</sup> VIP (F+I+N)	SStd	SureStand <sup>™</sup>
En	Encase <sup>®</sup>	TE	Trius Elite <sup>™</sup>
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat <sup>™</sup>
Es	Escalate <sup>™</sup>	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaicho <sup>®</sup>	YPP	YP Pro <sup>™</sup>

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