

2017 Soybean Top 30 Harvest Report
 South Dakota Northeast [SDNE] WEBSTER
 Fred Zenk, Day County, SD 57274



PREV. CROP/HERB: Corn / Roundup
 SOIL DESCRIPTION: Nutley-Sinai silty clay, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 6.0% OM, 26.5 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Roundup, Flexstar
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 24 150,000 /A 30" Spacing
 HARVESTED - STAND: Oct 17 116,300 /A

All-Season Test
Maturity Group 1.0 - 1.7
 S2017SDNE11

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
REA	RX1428	RRX	1.4	R	56.1	11.7	1	122.9	\$505	1
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	53.9	11.5	1	115.7	\$485	2
Renk	RS153NR2	RR2Y	1.5	R	53.9	11.9	1	118.1	\$485	3
Renk	RS147NR2	RR2Y	1.4	R	53.8	11.4	1	112.3	\$484	4
Prairie Brand	PB-1376R2	RR2Y	1.3	R	53.2	11.2	1	113.3	\$479	5
Hefty	H11X8	RRX	1.1	R	53.2	11.9	1	116.2	\$479	6
Stine	13RI32 §	RR2Y	1.3	R	53.0	11.4	1	122.0	\$477	7
Prairie Brand	PB-1787R2	RR2Y	1.7	R	52.8	12.0	1	117.1	\$475	8
Latham	L1438R2	RR2Y	1.4	R	52.5	11.4	1	119.1	\$473	9
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	52.2	11.7	1	113.3	\$470	10
Latham	L1454EXGT	BG	1.4	S	51.9	11.9	1	116.2	\$467	11
Dyna-Gro	S17RY67	RR2Y	1.7	R	51.9	12.8	2	114.2	\$467	12
Hefty	H16X8	RRX	1.6	R	51.8	11.5	1	116.2	\$466	13
NorthStar	NS 1492NR2 §	RR2Y	1.4	R	51.4	11.7	1	121.0	\$463	14
Pioneer	P14T70R2 §	RR2Y	1.4	R	50.8	11.7	1	122.5	\$457	15
Latham	L1673R2	RR2Y	1.6	S	50.0	11.6	1	111.3	\$450	16
LG Seeds	C1838RX	RRX	1.8	R	50.0	11.9	1	108.4	\$450	17
Latham	L1386R2X	RRX	1.3	R	49.5	11.6	1	114.2	\$446	18
Legacy Seeds	LS-1338NRR2X	RRX	1.3	R	49.4	11.5	1	112.3	\$445	19
Legacy Seeds	LS-1138NRR2X	RRX	1.1	R	49.4	12.2	1	119.1	\$445	20
Jacobsen Seed	J574NR2	RR2Y	1.4	R	49.3	11.4	1	114.2	\$444	21
Latham	L1584R2X	RRX	1.5	R	49.3	12.2	1	117.1	\$444	22
Legacy Seeds	LS-1638NRR2X	RRX	1.6	R	48.6	11.8	1	120.0	\$437	23
Thunder	SB8811N	RRX	1.1	R	48.6	12.2	1	122.0	\$437	24
Latham	L1184R2X	RRX	1.1	R	48.5	11.7	1	116.2	\$437	25
Stine	14RD62 §	RR2Y	1.4	R	48.5	11.9	1	114.2	\$437	26
Hefty	H14X8	RRX	1.4	R	48.2	12.0	1	119.1	\$434	27
NorthStar	NS 61633NXR2 GC	RRX	1.6	R	48.2	12.5	1	114.2	\$434	28
Golden Harvest	GH1024X §	RRX	1.0	MR	48.2	11.8	4	110.4	\$434	29
REA	RX1027	RRX	1.0	R	48.1	11.7	1	116.2	\$433	30

Averages = **48.1** **11.9** **1** **116.3** **\$433**
 LSD (0.10) = 4.7 0.4 ns
 LSD (0.25) = 2.5 0.2 ns
 C.V. = 9.3

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Prev. years avg. yield, 40.1 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: *We had good condtions at planting. Dry weather has dominated the growing season till July 24 when the rains started and helped fill out the beans. Some plant height variability but an average height of 36 inches on the higher ground that was a bit drier. Excellent weed control all year. Harvest condtions were good and bean moisture didn't vary much between maturities.*

† 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 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] 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 [®]
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 unavailable	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
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
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 [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.