

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	51.8	13.5	1	111.8	\$466	1
NK Brand	S12-R3 §	RR2Y	1.2	R	50.7	11.2	1	107.9	\$456	2
Asgrow	AG17X8 §	RRX	1.7	R	50.7	12.3	1	114.2	\$456	3
Asgrow	AG14X7 §	RRX	1.4	R	49.7	11.2	2	99.2	\$447	4
Dyna-Gro	S17RY67	RR2Y	1.7	R	49.4	13.8	1	108.4	\$444	5
LG Seeds	C1838RX	RRX	1.8	R	48.7	15.9	1	107.4	\$435	6
Latham	L1454EXGT	BG	1.4	S	48.2	13.6	1	101.6	\$433	7
NorthStar	NS 1492NR2 §	RR2Y	1.4	R	47.8	11.6	2	109.4	\$430	8
Mustang	14X428	RRX	1.4	R	47.6	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

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:

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	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.