

2018 Soybean Top 30 Harvest Report

South Dakota East Central [SDEC] ARLINGTON
Tim Bjorklund, Brookings County, SD 57212



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

PREV. CROP/HERB: Corn / SureStart, Durango, atrazine, Bellum
SOIL DESCRIPTION: Poinsett-Buse-Waubay silty clay loam, well drained, non-irrigated
SOIL CONDITIONS: Very high P, high K, 6.5 pH, 4.4% OM, 22.2 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Roundup, Durango, Sonic, Sharpen
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 23 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 21 113,200 /A

All-Season Test
Maturity Group 1.6 - 2.3
S2018SDEC08

Top 30 of 54

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
Dairyland	DSR-1611/R2Y	RR2Y	1.6	S	70.7	10.2	4	108.9	\$566	1
NK Brand	S18-G4X §	RRX	1.8	R	70.6	10.2	4	116.2	\$565	2
Hefty	H23X9	RRX	2.3	MR	70.4	10.5	2	109.4	\$563	3
Pioneer	P15T46R2 §	RR2Y	1.5	R	69.2	10.1	2	115.2	\$554	4
Dyna-Gro	S21XT77	RRX	2.1	R	69.2	10.3	2	112.8	\$554	5
Golden Harvest	GH2041X	RRX	2.0	R	69.2	10.2	6	107.4	\$554	6
NK Brand	S20-J5X §	RRX	2.0	R	69.0	10.1	2	118.1	\$552	7
Renk	RS188NX	RRX	1.8	R	68.2	10.2	2	113.3	\$546	8
LG Seeds	LGS2007RX	RRX	2.0	R	67.8	10.3	3	115.7	\$542	9
Prairie Brand	PB-1947R2	RR2Y	1.9	R	67.7	10.3	1	108.9	\$542	10
Hefty	H20X7	RRX	2.0	MR	67.6	10.3	2	115.2	\$541	11
Latham	L1858R2	RR2Y	1.8	R	67.4	10.2	2	115.2	\$539	12
Dyna-Gro	S19RY65	RR2Y	1.9	R	67.3	10.1	2	109.4	\$538	13
Renk	RS207NX	RRX	2.0	R	66.0	10.2	1	115.7	\$528	14
Asgrow	AG20X7 §	RRX	2.0	R	65.4	10.1	1	110.4	\$523	15
Latham	L2228R2	RR2Y	2.2	R	65.4	10.1	2	115.2	\$523	16
Hefty	H22X8	RRX	2.2	MR	65.1	10.4	2	115.2	\$521	17
Dairyland	DSR-2073/R2Y §	RR	1.9	R	64.9	10.4	6	111.3	\$519	18
NK Brand	S21-W8X §	RRX	2.1	R	64.5	10.2	4	113.7	\$516	19
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	64.4	10.1	2	113.3	\$515	20
Pioneer	P22T73R §	RR	2.2	R	63.9	10.1	1	114.7	\$511	21
Latham	L2295R2X	RRX	2.2	R	63.7	10.3	2	119.5	\$510	22
Latham	L2187GT27	G27	2.1	R	63.5	10.4	2	113.7	\$508	23
Asgrow	AG17X8 §	RRX	1.7	R	63.0	10.0	1	112.3	\$504	24
Hefty	H21X9	RRX	2.1	MR	62.3	10.3	2	115.7	\$498	25
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	62.0	10.5	3	108.9	\$496	26
Latham	L1748R2	RR2Y	1.7	R	61.7	10.1	2	110.4	\$494	27
Hefty	H16X8	RRX	1.6	MR	61.7	10.1	3	110.8	\$494	28
Golden Harvest	GH1915X	RRX	1.9	R	61.6	10.1	3	113.3	\$493	29
Titan Pro	TP 20X98	RRX	2.0	MR	61.5	10.0	1	118.6	\$492	30

Averages = **62.2** **10.3** **3** **113.2** **\$497**

LSD (0.10) = 5.5 0.2 2.2

LSD (0.25) = 2.9 0.1 1.2

C.V. = 8.4 Prev. years avg. yield, 49.9 bu/a, 6 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

TEST COMMENTS: *At harvest, we found 40 inch tall beans and grain moistures consistently around 10 percent. Bean pods were dry enough to have some shatter loss at the head. Weed control was good except for about five plots that had some kochia. Tim, the farmer at this location, has seen strong yields and said "this was a good year for beans".*

† 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: 10/23/2018 Revised:

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All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG17X8 §	RRX	1.7	R	AC,PV	Renk	RS219NX	RRX	2.1	R	EcTC
Asgrow	AG19X8 §	RRX	1.9	R	AC,PV	Renk	RS239NX	RRX	2.3	R	None
Asgrow	AG20X7 §	RRX	2.0	R	AC,PV	Stine	19BA23 §	G27	2.0	R	None
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB	Stine	21RI32 §	RR2Y	2.1	R	SF
Dairyland	DSR-1611/R2Y	RR2Y	1.6	S	CMB	Thunder	SB8818N	RRX	1.8	R	Ret
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	Thunder	SB8916N	RRX	1.6	R	Ret
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB	Titan Pro	TP 18X97	RRX	1.8	MR	IL,PV
Dairyland	DSR-2073/R2Y §	RR	1.9	R	None	Titan Pro	TP 20X98	RRX	2.0	MR	IL,PV
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB	Titan Pro	TP 22X68	RRX	2.2	MR	None
Dyna-Gro	S16XT58	RRX	1.6	R	EQV,Ci						
Dyna-Gro	S19RY65	RR2Y	1.9	R	EQV,Ci						
Dyna-Gro	S21XT77	RRX	2.1	R	EQV,Ci						
Golden Harvest	GH1852X	RRX	1.8	R	CCB,Me						
Golden Harvest	GH1915X	RRX	1.9	R	CCB,Me						
Golden Harvest	GH2041X	RRX	2.0	R	CCB,Me						
Hefty	H16X8	RRX	1.6	MR	DST						
Hefty	H18X8	RRX	1.8	MR	DST						
Hefty	H20X7	RRX	2.0	MR	DST						
Hefty	H21X9	RRX	2.1	MR	DST						
Hefty	H22X8	RRX	2.2	MR	DST						
Hefty	H23X9	RRX	2.3	MR	DST						
Latham	L1748R2	RR2Y	1.7	R	SS,IL						
Latham	L1858R2	RR2Y	1.8	R	SS+						
Latham	L2045R2X	RRX	2.0	R	SS						
Latham	L2084R2	RR2Y	2.0	R	SS+						
Latham	L2187GT27	G27	2.1	R	SS+						
Latham	L2228R2	RR2Y	2.2	R	SS+						
Latham	L2239R2X	RRX	2.2	R	SS+						
Latham	L2295R2X	RRX	2.2	R	SS+						
LG Seeds	LGS2007RX	RRX	2.0	R	ASfi,IL						
NK Brand	S18-G4X §	RRX	1.8	R	CCB,Me						
NK Brand	S18-H3X §	RRX	1.8	R	CCB,Me						
NK Brand	S20-J5X §	RRX	2.0	R	CCB,Me						
NK Brand	S21-W8X §	RRX	2.1	R	CCB,Me						
Pfister	20R23	RR2Y	2.0	R	CCB						
Pioneer	P15T46R2 §	RR2Y	1.5	R	None						
Pioneer	P19A14X §	RRX	1.9	R	None						
Pioneer	P22T73R §	RR	2.2	R	None						
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CMB						
Proseed	XT71-80	RR2Y	1.8	R	CMB						
REA	RX1828	RRX	1.8	R	AC,PV						
REA	RX2039	RRX	2.0	R	AC,PV						
Renk	RS169NX	RRX	1.6	R	EcTC						
Renk	RS188NX	RRX	1.8	R	EcTC						
Renk	RS207NX	RRX	2.0	R	EcTC						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	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

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

?	Information not provided	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
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

* Seed treatments may include unspecified plant health promoting components.