

2017 Soybean Top 30 Harvest Report

South Dakota East Central [SDEC] FLANDREAU
Stuart Benson, Moody County, SD 57028



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

PREV. CROP/HERB: Corn / Roundup
SOIL DESCRIPTION: Moody silty clay loam, well drained, non-irrigated
SOIL CONDITIONS: High P, medium K, 6.8 pH, 4.7% OM, 24.8 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Roundup, Flexstar, Warrior, Domark
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 26 150,000 /A 30" Spacing
HARVESTED - STAND: Oct 18 113,700 /A

All-Season Test
Maturity Group 1.6 - 2.3
S2017SDEC07

Top 30 of 72

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
Pioneer	P14T70R2 §	RR2Y	1.4	R	65.6	10.3	1	109.9	\$590	1
NK Brand	S20-T6	RR2Y	2.0	MR	61.4	10.6	1	116.6	\$553	2
Hefty	H20X7	RRX	2.0	R	59.9	10.8	1	116.6	\$539	3
Pioneer	P18T26R2 §	RR2Y	1.8	R	58.4	10.5	1	112.3	\$526	4
Titan Pro	TP-18X97	RRX	1.8	MR	58.3	10.5	1	117.1	\$525	5
NK Brand	S21-W8X §	RRX	2.1	R	57.6	10.5	1	115.7	\$518	6
Prairie Brand	PB-1947R2	RR2Y	1.9	R	57.5	10.8	1	109.4	\$518	7
Dyna-Gro	S19RY65	RR2Y	1.9	R	57.3	10.5	1	115.7	\$516	8
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	56.9	10.5	1	108.9	\$512	9
Pioneer	P19T55X §	RRX	1.9	R	56.7	10.6	1	111.3	\$510	10
Titan Pro	TP-16X77	RRX	1.6	MR	56.7	10.7	1	117.6	\$510	11
Titan Pro	TP-18R24	RR2Y	1.8	R	56.3	10.3	1	116.2	\$507	12
Renk	RS188NX	RRX	1.8	R	56.3	10.6	1	109.4	\$507	13
LG Seeds	C1838RX	RRX	1.8	R	56.1	10.5	1	109.9	\$505	14
Titan Pro	TP-21X46	RRX	2.1	R	55.6	10.4	1	111.8	\$500	15
Latham	L2283R2X	RRX	2.2	R	54.9	10.4	1	110.4	\$494	16
Hefty	H11X8	RRX	1.1	R	54.9	10.8	1	110.4	\$494	17
Latham	L1845R2X	RRX	1.8	MR	54.9	10.5	2	113.3	\$494	18
REA	RX2027	RRX	2.0	R	54.4	10.4	1	116.6	\$490	19
Asgrow	AG19X8 §	RRX	1.9	R	54.3	10.5	1	118.6	\$489	20
Channel	2108R2	RR2Y	2.1	R	54.3	10.8	1	111.8	\$489	21
Prairie Brand	PB-1787R2	RR2Y	1.7	R	54.1	10.4	1	108.9	\$487	22
Latham	L1858R2	RR2Y	1.8	R	53.9	10.8	1	108.4	\$485	23
Golden Harvest	GH1915X	RRX	1.9	R	53.8	10.3	1	113.7	\$484	24
REA	RX1828	RRX	1.8	R	53.7	10.6	1	115.7	\$483	25
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	53.7	10.8	1	115.7	\$483	26
NK Brand	S18-G4X §	RRX	1.8	R	53.3	10.7	2	118.6	\$480	27
Hefty	H22X8	RRX	2.2	R	52.7	10.6	1	110.8	\$474	28
Federal	F1680NR2X	RRX	1.6	R	52.4	10.5	1	113.3	\$472	29
Jacobsen Seed	J669NR2	RR2Y	1.9	R	52.3	11.0	1	113.3	\$471	30

Averages = **51.1** **10.7** **1** **113.7** **\$460**

LSD (0.10) = 6.4 0.3 ns

LSD (0.25) = 3.4 0.1 ns

C.V. = 12.0 Prev. years avg. yield, 52.7 bu/a, 9 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 great planting conditions. Dry June weather contributed to some uneven emergence. This field looked great, tall uniform plants at harvest. Grain size varied with some beans as small as BB's. Yields varied across the test due to white mold that appeared to infest some plots worse than others. There also was a fair amount of sclerotia in the harvested grain, another white mold indicator.*

† 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: 10/22/2017 Revised:

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All-Season Test Products (72 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	ACi	Pfister	21R205	RR2Y	2.1	R	CCB
Asgrow	AG19X8 §	RRX	1.9	R	ACi	Pioneer	P14T70R2 §	RR2Y	1.4	R	EE,G,IL
Asgrow	AG20X7 §	RRX	2.0	R	ACi	Pioneer	P18T26R2 §	RR2Y	1.8	R	EE,G
Channel	2108R2	RR2Y	2.1	R	None	Pioneer	P19T55X §	RRX	1.9	R	EE,G
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	Pioneer	P22T73R §	RR	2.2	R	EE,G
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB	Prairie Brand	PB-1787R2	RR2Y	1.7	R	CMB
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB	Prairie Brand	PB-1947R2	RR2Y	1.9	R	CMB
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	Prairie Brand	PB-2296R2	RR2Y	2.2	R	CMB
Dyna-Gro	S18XT38	RRX	1.8	MR	EQV,Ci	REA	RX1828	RRX	1.8	R	ACi
Dyna-Gro	S19RY65	RR2Y	1.9	R	EQV,Ci	REA	RX1927	RRX	1.9	R	ACi
Dyna-Gro	S21XT77	RRX	2.1	R	EQV,Ci	REA	RX2027	RRX	2.0	R	ACi
Federal	F1680NR2X	RRX	1.6	R	MAG	REA	RX2228	RRX	2.2	R	ACi
Federal	F1880NR2X	RRX	1.8	R	MAG	Renk	RS168NX	RRX	1.6	R	AM,IL
Federal	F2080NR2X	RRX	2.0	R	MAG	Renk	RS188NX	RRX	1.8	R	AM,IL
Golden Harvest	GH1915X	RRX	1.9	R	CCB,Me	Renk	RS207NX	RRX	2.0	R	EcTC
Hefty	H11X8	RRX	1.1	R	DST	Renk	RS208NX	RRX	2.0	R	AM,IL
Hefty	H16X8	RRX	1.6	R	DST	Renk	RS228NX	RRX	2.2	R	AM,IL
Hefty	H18X8	RRX	1.8	R	DST	Stine	19RF32 §	RR2Y	1.9	R	SFI
Hefty	H20X7	RRX	2.0	R	DST	Stine	20RD20 §	RR2Y	2.0	R	SFI
Hefty	H22X7	RRX	2.2	R	DST	Stine	21RI32 §	RR2Y	2.1	R	SFI
Hefty	H22X8	RRX	2.2	R	DST	Thunder	SB8818N	RRX	1.8	R	CMB
Hefty	H23X7	RRX	2.3	S	DST	Titan Pro	TP-16X77	RRX	1.6	MR	IS,IL
Hefty	H23X8	RRX	2.3	S	DST	Titan Pro	TP-18R24	RR2Y	1.8	R	IS,IL
Jacobsen Seed	J669NR2	RR2Y	1.9	R	AC,PV	Titan Pro	TP-18X97	RRX	1.8	MR	IS,IL
Jacobsen Seed	J740NR2	RR2Y	2.0	R	AC,PV	Titan Pro	TP-20R25	RR2Y	2.0	R	IS,IL
Jacobsen Seed	J761NR2X	RRX	2.1	R	AC,PV	Titan Pro	TP-20X57	RRX	2.0	MR	IS,IL
Latham	L1748R2	RR2Y	1.7	R	SS+	Titan Pro	TP-21X46	RRX	2.1	R	IS,IL
Latham	L1845R2X	RRX	1.8	MR	SS+						
Latham	L1858R2	RR2Y	1.8	R	CCB,Me						
Latham	L2184R2X	RRX	2.1	R	CCB,Me						
Latham	L2187EXGT	BG	2.1	R	SS+						
Latham	L2228R2	RR2Y	2.2	R	CCB,Me						
Latham	L2283R2X	RRX	2.2	R	SS+						
Latham	L2384R2X	RRX	2.3	R	CCB,Me						
LG Seeds	C1838RX	RRX	1.8	R	ASfi,IL						
Mustang	18X128	RRX	1.8	R	F,I						
Mustang	19726	RR2Y	1.9	R	F,I						
Mustang	21X127	RRX	2.1	R	F,I						
Mustang	22X228	RRX	2.2	R	F,I						
NK Brand	S18-G4X §	RRX	1.8	R	CCB,Me						
NK Brand	S20-J5X §	RRX	2.0	R	CCB,Me						
NK Brand	S20-T6	RR2Y	2.0	MR	CCB,Me						
NK Brand	S21-W8X §	RRX	2.1	R	CCB,Me						
Pfister	18R201	RR2Y	1.8	R	CCB						
Pfister	20R23	RR2Y	2.0	R	CCB						

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.