

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:

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.