

2017 Soybean Top 30 Harvest Report

South Dakota East Central [SDEC] COLTON
Floyd Snoozy, Minnehaha County, SD 57018



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

PREV. CROP/HERB: Corn / SureStart, atrazine, Roundup UltraMax
SOIL DESCRIPTION: Moody clay loam, well drained, non-irrigated
SOIL CONDITIONS: Very high P, very high K, 7.0 pH, 4.3% OM, 22.6 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Roundup, Authority, Flexstar
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 26 150,000 /A 30" Spacing
HARVESTED - STAND: Oct 19 118,400 /A

All-Season Test
Maturity Group 1.6 - 2.3
S2017SDEC08

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
Hefty	H20X7	RRX	2.0	R	79.3	10.2	1	122.0	\$714	1
Renk	RS207NX	RRX	2.0	R	76.4	10.1	2	120.5	\$688	2
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	75.1	10.4	1	118.1	\$676	3
Pfister	18R201	RR2Y	1.8	R	75.1	10.5	1	119.5	\$676	4
Latham	L2228R2	RR2Y	2.2	R	74.1	10.4	1	115.7	\$667	5
Titan Pro	TP-18X97	RRX	1.8	MR	73.6	10.2	1	116.6	\$662	6
Pioneer	P22T73R §	RR	2.2	R	73.3	10.2	1	122.0	\$660	7
Pioneer	P14T70R2 §	RR2Y	1.4	R	73.1	10.4	2	120.0	\$658	8
Pioneer	P18T26R2 §	RR2Y	1.8	R	72.4	10.2	1	120.0	\$652	9
Stine	19RF32 §	RR2Y	1.9	R	72.4	10.4	1	121.5	\$652	10
Titan Pro	TP-21X46	RRX	2.1	R	72.0	10.5	3	118.6	\$648	11
Stine	20RD20 §	RR2Y	2.0	R	71.7	10.4	1	122.5	\$645	12
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	71.6	10.3	3	119.1	\$644	13
NK Brand	S20-T6	RR2Y	2.0	MR	71.4	10.2	1	122.5	\$643	14
Latham	L1748R2	RR2Y	1.7	R	70.9	10.4	1	121.0	\$638	15
Mustang	19726	RR2Y	1.9	R	70.9	10.5	1	117.6	\$638	16
Thunder	SB8818N	RRX	1.8	R	70.9	10.3	2	116.2	\$638	17
Mustang	21X127	RRX	2.1	R	70.6	10.2	4	118.1	\$635	18
Dyna-Gro	S18XT38	RRX	1.8	MR	70.3	10.3	1	114.2	\$633	19
Pfister	21R205	RR2Y	2.1	R	70.1	10.5	2	114.7	\$631	20
Latham	L1845R2X	RRX	1.8	MR	70.0	10.3	1	116.2	\$630	21
Titan Pro	TP-16X77	RRX	1.6	MR	69.9	10.7	1	122.5	\$629	22
Pioneer	P19T55X §	RRX	1.9	R	69.8	10.7	1	120.5	\$628	23
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	69.7	10.3	1	117.1	\$627	24
REA	RX1927	RRX	1.9	R	69.7	10.4	2	116.2	\$627	25
Hefty	H22X8	RRX	2.2	R	69.5	10.0	2	117.1	\$626	26
Jacobsen Seed	J740NR2	RR2Y	2.0	R	69.4	10.5	1	119.5	\$625	27
Mustang	18X128	RRX	1.8	R	69.3	10.2	1	118.6	\$624	28
Titan Pro	TP-18R24	RR2Y	1.8	R	69.2	10.7	2	119.5	\$623	29
Channel	2108R2	RR2Y	2.1	R	69.1	10.4	1	118.6	\$622	30

Averages = **68.2** **10.4** **1** **118.4** **\$614**

LSD (0.10) = 5.0 0.2 ns

LSD (0.25) = 2.6 0.1 ns

C.V. = 7.0 Prev. years avg. yield, 58.6 bu/a, 6 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 planted into ground that was rolled. Floyd, our host grower, had already planted and rolled the rest of the field. Weed control was excellent all year. Dicamba drift from an adjacent field damaged dicamba sensitive beans in the adjacent test and portions of the surrounding field. This test was not harmed. Floyd was pleased with his yield and felt he didn't see a significant yield loss from the drift.*

† 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: 10/24/2017 Revised:

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All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG17X8 §	RRX	1.7	R	ACi
Asgrow	AG19X8 §	RRX	1.9	R	ACi
Asgrow	AG20X7 §	RRX	2.0	R	ACi
Channel	2108R2	RR2Y	2.1	R	None
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB
Dyna-Gro	S18XT38	RRX	1.8	MR	EQV,Ci
Dyna-Gro	S19RY65	RR2Y	1.9	R	EQV,Ci
Dyna-Gro	S21XT77	RRX	2.1	R	EQV,Ci
Federal	F1680NR2X	RRX	1.6	R	MAG
Federal	F1880NR2X	RRX	1.8	R	MAG
Federal	F2080NR2X	RRX	2.0	R	MAG
Golden Harvest	GH1915X	RRX	1.9	R	CCB,Me
Hefty	H11X8	RRX	1.1	R	DST
Hefty	H16X8	RRX	1.6	R	DST
Hefty	H18X8	RRX	1.8	R	DST
Hefty	H20X7	RRX	2.0	R	DST
Hefty	H22X7	RRX	2.2	R	DST
Hefty	H22X8	RRX	2.2	R	DST
Hefty	H23X7	RRX	2.3	S	DST
Hefty	H23X8	RRX	2.3	S	DST
Jacobsen Seed	J669NR2	RR2Y	1.9	R	AC,PV
Jacobsen Seed	J740NR2	RR2Y	2.0	R	AC,PV
Jacobsen Seed	J761NR2X	RRX	2.1	R	AC,PV
Latham	L1748R2	RR2Y	1.7	R	SS+
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
Pfister	21R205	RR2Y	2.1	R	CCB
Pioneer	P14T70R2 §	RR2Y	1.4	R	EE,G,IL
Pioneer	P18T26R2 §	RR2Y	1.8	R	EE,G
Pioneer	P19T55X §	RRX	1.9	R	EE,G
Pioneer	P22T73R §	RR	2.2	R	EE,G
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CMB
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CMB
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CMB
REA	RX1828	RRX	1.8	R	ACi
REA	RX1927	RRX	1.9	R	ACi
REA	RX2027	RRX	2.0	R	ACi
REA	RX2228	RRX	2.2	R	ACi
Renk	RS168NX	RRX	1.6	R	AM,IL
Renk	RS188NX	RRX	1.8	R	AM,IL
Renk	RS207NX	RRX	2.0	R	EcTC
Renk	RS208NX	RRX	2.0	R	AM,IL
Renk	RS228NX	RRX	2.2	R	AM,IL
Stine	19RF32 §	RR2Y	1.9	R	SFI
Stine	20RD20 §	RR2Y	2.0	R	SFI
Stine	21RI32 §	RR2Y	2.1	R	SFI
Thunder	SB8818N	RRX	1.8	R	CMB
Titan Pro	TP-16X77	RRX	1.6	MR	IS,IL
Titan Pro	TP-18R24	RR2Y	1.8	R	IS,IL
Titan Pro	TP-18X97	RRX	1.8	MR	IS,IL
Titan Pro	TP-20R25	RR2Y	2.0	R	IS,IL
Titan Pro	TP-20X57	RRX	2.0	MR	IS,IL
Titan Pro	TP-21X46	RRX	2.1	R	IS,IL

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.