

2017 Soybean Top 30 Harvest Report

South Dakota East Central [SDEC] WINFRED
Kim Miller, Miner County, SD 57076



PREV. CROP/HERB: Corn / Roundup
SOIL DESCRIPTION: Clarno-Bonilla loam, well drained, non-irrigated
SOIL CONDITIONS: Very high P, medium K, 5.4 pH, 3.8% OM, 25.3 CEC
TILLAGE/CULTIVATION: Minimum w/o fall till
PEST MANAGEMENT: Roundup (twice), Pursuit
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: Jun 1 150,000 /A 30" Spacing
HARVESTED - STAND: Oct 20 118,200 /A

All-Season Test
Maturity Group 1.6 - 2.3
S2017SDEC05

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
Jacobsen Seed	J669NR2	RR2Y	1.9	R	70.5	10.7	1	119.5	\$635	1
Dyna-Gro	S21XT77	RRX	2.1	R	70.0	10.7	1	116.2	\$630	2
Pioneer	P18T26R2 §	RR2Y	1.8	R	70.0	10.9	1	121.5	\$630	3
NK Brand	S21-W8X §	RRX	2.1	R	69.9	10.9	1	118.1	\$629	4
Jacobsen Seed	J761NR2X	RRX	2.1	R	69.6	10.8	6	119.5	\$626	5
NK Brand	S20-T6	RR2Y	2.0	MR	68.2	10.7	2	115.7	\$614	6
Mustang	19726	RR2Y	1.9	R	68.1	10.7	2	120.0	\$613	7
Mustang	22X228	RRX	2.2	R	68.0	10.8	1	112.3	\$612	8
Latham	L2187EXGT	BG	2.1	R	67.9	10.9	4	117.6	\$611	9
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	67.8	10.8	1	113.7	\$610	10
NK Brand	S20-J5X §	RRX	2.0	R	67.8	10.8	2	119.5	\$610	11
Prairie Brand	PB-1787R2	RR2Y	1.7	R	67.7	10.9	2	117.1	\$609	12
REA	RX2027	RRX	2.0	R	67.4	10.7	1	117.1	\$607	13
Renk	RS207NX	RRX	2.0	R	67.3	10.6	1	121.0	\$606	14
Dyna-Gro	S19RY65	RR2Y	1.9	R	67.3	10.7	2	124.9	\$606	15
Pfister	20R23	RR2Y	2.0	R	67.3	10.8	2	120.0	\$606	16
Latham	L2184R2X	RRX	2.1	R	67.1	10.7	4	119.5	\$604	17
Stine	21RI32 §	RR2Y	2.1	R	67.0	10.8	1	120.5	\$603	18
Mustang	21X127	RRX	2.1	R	66.9	10.6	1	115.7	\$602	19
Prairie Brand	PB-1947R2	RR2Y	1.9	R	66.9	10.7	1	117.1	\$602	20
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	66.8	10.9	1	115.7	\$601	21
REA	RX2228	RRX	2.2	R	66.7	11.0	1	118.1	\$600	22
Titan Pro	TP-21X46	RRX	2.1	R	66.7	10.5	2	116.2	\$600	23
Federal	F1880NR2X	RRX	1.8	R	66.6	10.6	1	121.5	\$599	24
Latham	L1858R2	RR2Y	1.8	R	66.6	10.7	1	116.6	\$599	25
Pfister	21R205	RR2Y	2.1	R	66.6	10.8	1	118.1	\$599	26
Latham	L1748R2	RR2Y	1.7	R	66.6	10.8	2	119.5	\$599	27
Pioneer	P19T55X §	RRX	1.9	R	66.5	10.9	1	118.6	\$599	28
Asgrow	AG19X8 §	RRX	1.9	R	66.5	10.6	2	118.6	\$599	29
Latham	L2228R2	RR2Y	2.2	R	66.3	10.9	1	121.0	\$597	30

Averages = **65.1** **10.8** **2** **118.2** **\$586**

LSD (0.10) = 3.0 0.3 ns

LSD (0.25) = 1.6 0.2 ns

C.V. = 4.4

New test site, no yield history

Mark Tollefson

mark.tollefson@firstseedtests.com, (507) 456-2357

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: *It was dry at planting so we planted a bit deeper to catch moisture. There were some weeds early but the postemergence herbicides worked well and gave weed-free plots at harvest. Ample August rain helped make the biggest soybean seed we had seen this year. Wet weather has hampered harvest and many low lying areas remain too wet for harvest. Above average yield and data quality here.*

† 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	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	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.