2018 Soybean Top 30 Harvest Report

South Dakota East Central [SDEC] CAVOUR Greg Bich, Beadle County, SD 57324

PREV. CROP/HERB: Corn / Harness Xtra, Roundup (twice)

SOIL DESCRIPTION: Houdek-Prosper loam, moderately drained, non-irrigated SOIL CONDITIONS: Very low P, very high K, 5.9 pH, 3.0% OM, 20.1 CEC

TILLAGE/CULTIVATION: Minimum w/o fall till PEST MANAGEMENT: Valor, Roundup

APPLIED N-P-K (units): 0-0-0

SEEDED - RATE - ROW: May 26 140,000 /A 30" Spacing

HARVESTED - STAND: Oct 23 108,100 /A

farmers' independent research of seed technologies

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

All-Season Test Maturity Group 1.6 - 2.3

S2018SDEC06

Top 30 of 54

For Gross Income (Sorted by Yield)

Average of (2) Replications

HARVESTED - STAND:		100 /A		SCN	I Yield I	Moisture		Stand	Gross Ir	
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	→ Bu/A →	%	%	(x 1000)	\$/Acre	Rank
W. Drand	529-JSK §	Reflex	2.0		55.1	9.9		88.6	5441	
nathy	HTDIS	Refux	1.8	MILE	53.5	9.3		106.0	\$429	2
Prairie Brand	PB 194792	RRIZY	1.9		52.4	10.1		116.2	\$419	
Spr. Pro	TP 22148	RMIX	2.2	MR	51.8	9.2		111.8	\$414	
athem	L2229F2	RRIZY	2.2		51.8			108.9	\$414	
Penser	PTSANKE 5	Retix	1.9		51.6		>	113.3	\$413	
athen	L2296R2X	REFLIX	2.2		58.3	15			\$462	7
Plater	26423	RBIQY	2.0		49.6			\bigcirc	\$397	
Golden Harvest	GH2541X	Refor	2.0	//		16.3			\$796	
Jyna-Gre	52°0×777	RMIX	2.1		878			119.1	\$362	- 10
nathy	H23H3	MBRUK.	2.3	~/		1		103.1	\$375	11
W. Drand	521 (69) 5	MARKE	21					100.2	2303	12
athem	L2187G727	927	2.1			7		973	\$369	13
Carric	R:5219NX							110.4	\$368	14
Dairyland	DISR-2073/R2Y §					10.4		116.2	\$366	15
Store	196A27 §		2.8			113		104.5	\$362	**
REA	RX1929	Mark to		11/5	45.1	10.0		116.9	\$361	17
Dairyland		RM2Y	11		445	181		107.4	\$396	- 10
Titan Pro	(())	MARCH.			44.3	10.4		107.4	\$354	19
nahy		/ /)/	MILE	44.2	10.2		104.5	\$354	20
Peneer					44.1	10.1		1176	\$363	21
Dyma-Gris	S THEO YES		1.9		434	10.0		110.4	\$347	22
Deinyland	62		1.8		43.3	2.2		110.4	\$346	23
ruty		> ****	2.0	MILE	432	10.0	- 1	116.2	\$346	24
Stan Pro		REFOR	1.8	MIN	431	10.1		101.6	\$345	25
nathy	M2788	REFLIX	2.1	MIN	429	10.1		106.0	\$343	26
Number	5088 18N	Refux	1.0		428	10.1		973	\$342	27
.athum	1,2164112	RBIQY	2.0		427	181		103.1	\$342	28
Special Control	R:527994K	MONUN.	2.3		427	10.4		104.5	\$342	29
Solden Harvest	GH18IZX	MMCK.	1.0		425	10.0		105.3	\$340	- 30
11 1	7			erages =	42.8	10.1	1	108.1	\$343	
Maletalapon			LSD (0.10) =		8.3	0.5	ns			
Mark Tollefson			LSD	(0.25) =	4.4	0.3	ns			
mark.tollefson@firs		C.V. =	15.0		Prev. ye	ars avg. yie	ld, 45.7 bu,	/a, 10 yr		

TEST COMMENTS: The preemergence herbicide was applied to only a portion of the test area. Areas that did not receive this treatment were weedy the entire season as glphosate did not control everything. One replication was not harvested due to extreme weed pressure. Soybean yield was great in areas with good weed control (1 replication) but dropped considerably elsewhere. Rejected results due to weeds.

Drying = \$0.020

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Shrink = 1.3

Additional reports available at www.firstseedtests.com

Yield & Income Factors: Base Moisture = 13.0%

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Prices = \$8.00 GMO; \$8.00 non-GMO

Report Date: 10/25/2018 Revised:



2018 Soybean - South Dakota East Central [SDEC]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.		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	1					
REA	RX1828	RRX	1.8	R	AC,PV] [
REA	RX2039	RRX	2.0		AC,PV] [
Renk	RS169NX	RRX	1.6	R	EcTC	1 -					
Renk	RS188NX	RRX	1.8	R	EcTC] [
	RS207NX	RRX	2.0	R	EcTC] [
Renk	INGZUTINA	$\Gamma \Gamma \Lambda$	∠.∪	Γ.	上し し	1 1					



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

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 +™
Cl	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.