## 2017 Soybean Top 30 Harvest Report

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



PREV. CROP/HERB: Corn / Realm Q, Roundup

SOIL DESCRIPTION: Houdek-Prosper sandy loam, mod. well drained, non-irrigated

Medium P, very high K, 5.7 pH, 2.7% OM, 12.7 CEC SOIL CONDITIONS:

TILLAGE/CULTIVATION:

PEST MANAGEMENT:

Roundup PowerMax, Select Max, Valor

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

HARVESTED - STAND:

SEEDED - RATE - ROW: May 25

n/a

150,000 /A 30" Spacing

**All-Season Test** 

Maturity Group 1.6 - 2.3

S2017SDEC06

Top 30 of 72

For Gross Income (Sorted by Yield) Average of (3) Replications

Stand Gross Income

Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	◆ Bu/A ◆	%	%	(x 1000)	\$/Acre	Rank

**SCN** 

Yield | Moisture Lodging

**Test Abandoned** Inadequate kochia control

Averages =

LSD(0.10) =LSD(0.25) =

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C.V. =

Prev. years avg. yield, 46.1 bu/a, 10 yrs

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

TEST COMMENTS: We planted a few days after Greg, our host grower, applied a burndown herbicide to the field. It was not as effective as hoped. We attempted taking crop stand counts the last week in June but kochia was so thick we couldn't complete counting. A postemergence herbicide did not provide acceptable weed control. Since harvest for quality yield data was not an option, the test was abandoned.

† 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: 10/27/2017 Revised:



# 2017 Soybean - South Dakota East Central [ SDEC ]

## **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
l	DSR-1950/R2Y	RR2Y	1.9	R	CMB
Dairyland Dairyland					
Dairyland 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
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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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
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. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand
	seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPMaxx <sup>®</sup> and XL <sup>®</sup> 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 <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
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 <sup>®</sup>
ACi	Acceleron® fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard™
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass™ Plus F/I
CCB	Clariva <sup>™</sup> Complete Beans	None	untreated
Cl	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard +™
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho®/Votivo®
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse <sup>™</sup> 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 <sup>®</sup>	TE	Trius Elite™
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaucho <sup>®</sup>	YPP	YP Pro™

<sup>\*</sup> Seed treatments may include unspecified plant health promoting components.