

## 2016 Soybean Top 30 Harvest Report

South Dakota East Central [ SDEC ] BERESFORD  
Jason & Kendall Frick, Clay County, SD 57004



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

PREV. CROP/HERB: Corn  
SOIL DESCRIPTION: Egan-Clarno-Chancellor silty clay loam, well drained, non-irrigated  
SOIL CONDITIONS: Moderate P, moderate K, 6.9 pH, 3 % OM, no SCN  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Authority Plus, Treflan, Roundup  
SEEDED - RATE - ROW: May 20 150,000 /A 30" Spacing  
HARVESTED - STAND: Oct 23 121,600 /A

**All-Season Test**  
**Maturity Group 1.6 - 2.3**  
S2016SDEC05

### Top 30 of 63

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Hefty	H20X7	RRX	2.0	MR	DST	<b>65.4</b>	13.7	1	123.4	\$588
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	<b>61.6</b>	13.8	1	122.5	\$553
NK Brand	S19-B2 §	RR2Y	1.9	R	CCB,Me	<b>58.7</b>	14.1	1	122.9	\$527
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In	<b>58.1</b>	13.9	1	121.0	\$522
Renk	RS207NX	RRX	2.0	R	CMBV	57.6	13.8	1	123.4	\$517
NK Brand	S21-M7 §	RR2Y	2.1	R	CCB,Me	56.7	13.7	1	123.9	\$510
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In	56.7	14.0	1	123.4	\$509
Latham	L1968R2	RR2Y	1.9	R	CCB,Me	56.3	13.8	1	121.0	\$506
Latham	L1858R2	RR2Y	1.8	R	CCB,Me	56.0	13.9	1	124.9	\$503
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In	55.7	13.6	1	124.9	\$501
Titan Pro	TP-17X26	RRX	1.7	R	None	54.1	13.6	1	121.0	\$486
Pfister	19R24	RR2Y	1.9	R	CCB	54.1	13.8	1	120.0	\$486
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB	54.1	13.9	1	122.0	\$486
Titan Pro	TP-20R25	RR2Y	2.0	R	IS	53.8	14.0	1	122.9	\$483
Pfister	18R201	RR2Y	1.8	R	CCB	53.4	13.8	1	119.1	\$480
Prairie Brand	PB-1822R2	RR2Y	1.8	R	CCB,In	53.3	14.0	2	122.9	\$479
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	53.2	13.7	1	119.5	\$478
Mustang	19726	RR2Y	1.9	R	NCFI	53.0	14.0	1	122.0	\$476
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me	52.8	13.6	1	122.9	\$475
REA	R2115	RR2Y	2.1	R	ACi	52.3	13.7	1	123.9	\$470
Latham	L2128R2	RR2Y	2.1	R	CCB,Me	52.0	14.0	1	119.1	\$467
Renk	RS175NR2	RR2Y	1.7	R	CMBV	51.9	14.2	1	119.1	\$466
Thunder	3619R2YN	RR2Y	1.9	R	CMB	51.8	13.5	1	118.1	\$466
Asgrow	AG1636 §	RR2Y	1.6	R	ACi	51.6	13.5	1	119.1	\$464
Titan Pro	TP-21X46	RRX	2.1	R	None	51.6	13.5	1	122.9	\$464
Stine	19RF32 §	RR2Y	1.9	R	SFI	51.3	14.0	1	120.0	\$461
Mustang	21X127	RRX	2.1	R	ACi	51.0	13.7	1	119.5	\$458
Latham	L2184R2X	RRX	2.1	R	SS	50.8	13.7	1	123.9	\$456
Hefty	H21X6	RRX	2.1	MR	DST	50.8	13.8	1	126.8	\$456
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB	50.7	13.6	1	120.0	\$456

Averages = **50.8** **13.8** **1** **121.6** **\$456**

LSD (0.10) = 7.2 0.3 ns

LSD (0.25) = 5.0 0.2 ns

C.V. = 10.4 Prev. years avg. yield, 44.1 bu/a, 11 yrs

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

**TEST COMMENTS:** *This site had good planting condtions and we had plenty of moisture early. Mid-summer was dry. Monthly rainfall totals were below the area 30-yr avg in June -1.6", July -1.8" and August -0.5". September rainfall was 3.5" above normal. Area farmers have struggled to complete soybean harvest as wet weather has persisted this fall. Inconsistent yields are due, in part, to the extended dry period.*

† 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: 10/24/2016 Revised:

### 2016 Soybean - South Dakota East Central [ SDEC ]

#### All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG1636 §	RR2Y	1.6	R	ACi	REA	R1815	RR2Y	1.8	R	ACi
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	REA	R2115	RR2Y	2.1	R	ACi
Asgrow	AG2035 §	RR2Y	2.0	R	ACi	Renk	RS175NR2	RR2Y	1.7	R	CMBV
Channel	1808R2 GC	RR2Y	1.8	R	None	Renk	RS177NX	RRX	1.8	R	CMBV
Channel	2108R2	RR2Y	2.1	R	None	Renk	RS187NR2	RR2Y	1.8	R	CMB
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	Renk	RS207NX	RRX	2.0	R	CMBV
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB	Stine	17RH03 §	RR2Y	1.7	S	SFI
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB	Stine	19RF32 §	RR2Y	1.9	R	SFI
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	Stine	20RD20 §	RR2Y	2.0	R	SFI
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB	Thunder	3619R2YN	RR2Y	1.9	R	CMB
Dyna-Gro	S21XT77	RRX	2.1	R	ACi	Titan Pro	TP-16X36	RRX	1.6	R	None
Hefty	H16X7	RRX	1.6	MR	DST	Titan Pro	TP-17X26	RRX	1.7	R	None
Hefty	H17X7	RRX	1.7	MR	AM	Titan Pro	TP-18R24	RR2Y	1.8	R	IS
Hefty	H18X7	RRX	1.8	MR	DST	Titan Pro	TP-19X06	RRX	1.9	R	IS
Hefty	H20X7	RRX	2.0	MR	DST	Titan Pro	TP-20R25	RR2Y	2.0	R	IS
Hefty	H21X6	RRX	2.1	MR	DST	Titan Pro	TP-21R55	RR2Y	2.1	R	IS
Hefty	H23X7	RRX	2.3	S	DST	Titan Pro	TP-21X46	RRX	2.1	R	None
Latham	L1673R2	RR2Y	1.6	S	SS+	Titan Pro	TP-23X76	RRX	2.3	R	IS
Latham	L1759R2X	RRX	1.7	R	CCB,Me						
Latham	L1858R2	RR2Y	1.8	R	CCB,Me						
Latham	L1968R2	RR2Y	1.9	R	CCB,Me						
Latham	L2048R2X	RRX	2.0	R	SS+						
Latham	L2084R2	RR2Y	2.0	R	CCB,Me						
Latham	L2128R2	RR2Y	2.1	R	CCB,Me						
Latham	L2184R2X	RRX	2.1	R	SS						
Mustang	16846	RR2Y	1.6	S	NCFI						
Mustang	17X726	RRX	1.7	R	ACi						
Mustang	19726	RR2Y	1.9	R	NCFI						
Mustang	21X127	RRX	2.1	R	ACi						
NK Brand	S19-B2 §	RR2Y	1.9	R	CCB,Me						
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me						
NK Brand	S21-M7 §	RR2Y	2.1	R	CCB,Me						
Pfister	18R201	RR2Y	1.8	R	CCB						
Pfister	19R24	RR2Y	1.9	R	CCB						
Pfister	21R205	RR2Y	2.1	R	CCB						
Pioneer	P20T79R2 §	RR2Y	2.0	R	None						
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G						
Pioneer	P22T69R §	RR	2.2	R	None						
Pioneer	P22T73R §	RR	2.2	R	EE,G						
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In						
Prairie Brand	PB-1822R2	RR2Y	1.8	R	CCB,In						
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In						
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In						
Prairie Brand	PB-2156R2	RR2Y	2.1	R	CCB,In						
Proseed	XT614 GC	RRX	1.4	R	CMBV						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® 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

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybean Seed Treatments\*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

\* Seed treatments may include unspecified plant health promoting components.