

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

## 2019 Soybeans Top 30 Harvest Report

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

<b>All-Season Test</b>	1.6 - 2.3 Day CRM S2019SDEC07
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Harness Xtra, Roundup, atrazine, Bellum, Force
<b>SOIL DESCRIPTION:</b>	Moody silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, medium K, 4.7 pH, 4.0% OM, 21.7 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Roundup
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 26 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 28 106.0 /A

### TEST COMMENTS:

*This plot had great weed control all year. Harvest conditions were good. The plot drained well which led to even bean moisture and stand at harvest. Soybean yields around 50 bushels and acre have been common on this farm this year.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DYNA-GRO	S19RY65	RR2Y	1.9	R	<b>62.4</b>	12.8	2	106.5	530	1
ASGROW	AG22X0 §	RRX	2.2	R	<b>61.2</b>	13.4	2	105.5	520	2
GOLDEN HARVEST	GH2230X	RRX	2.2	R	<b>60.9</b>	12.9	2	107.9	518	3
CREDENZ	CZ 1850GTLL	LG27	1.8	MR	<b>59.6</b>	13.1	2	109.9	507	4
PIONEER	P21A28X §	RRX	2.1	R	<b>59.5</b>	12.9	1	105.0	506	5
GOLDEN HARVEST	GH1915X	RRX	1.9	R	<b>59.5</b>	12.8	2	105.0	506	6
NK BRAND	S20-J5X §	RRX	2.0	R	<b>59.2</b>	12.9	1	102.6	503	7
STINE	19GA02 §	LG27	1.9	R	<b>59.0</b>	12.8	3	107.4	502	8
PIONEER	P19A14X §	RRX	1.9	R	58.4	12.8	2	107.4	496	9
HEFTY	H20X7	RRX	2.0	MR	58.3	12.9	1	101.6	496	10
LATHAM	L 2084R2	RR2Y	2.0	R	58.1	13.2	1	102.6	494	11
THUNDER	TG6013N	E3	1.3	R	57.9	13.7	3	108.9	491	12
NK BRAND	S18-H3X §	RRX	1.8	R	57.7	13.0	2	104.0	490	13
REA	RX1610	RRX	1.6	R	57.4	13.2	1	109.4	488	14
HEFTY	H20X0	RRX	2.0	R	57.2	13.0	4	109.9	486	15
LATHAM	L2295R2X	RRX	2.2	R	56.1	13.3	3	103.5	476	16
DYNA-GRO	S23XT90	RRX	2.3	R	56.0	13.2	2	106.4	476	17
LATHAM	L 2178 LLGT27	LG27	2.1	R	55.9	13.1	1	106.0	475	18
REA	RX2039 GC	RRX	2.0	R	55.8	12.8	1	107.9	474	19
ASGROW	AG19X0 §	RRX	1.9	R	55.4	13.3	1	107.4	470	20
TITAN PRO	22E8	E3	2.2	R	55.3	12.9	2	104.5	470	21
REA	RX2240	RRX	2.2	n/a	55.2	13.6	1	105.0	468	22
CREDENZ	CZ 2040GTLL	LG27	2.0	R	54.7	12.7	1	108.4	465	23
TITAN PRO	20E9	E3	2.0	R	54.6	13.4	2	105.5	464	24
ASGROW	AG20X9 §	RRX	2.0	R	54.6	12.9	1	108.9	464	25
GENESIS	G2181GL	LG27	2.2	R	54.6	13.3	1	105.5	464	26
THUNDER	TE7017N	E3	1.7	R	53.9	13.4	2	108.9	458	27
HEFTY	Z2301E	E3	2.3	R	53.8	13.5	1	110.9	457	28
CREDENZ	CZ 2230GTLL	LG27	2.2	MR	53.8	13.2	5	106.0	457	29
HEFTY	Z1800E	E3	1.8	R	53.6	13.5	1	110.4	455	30



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Averages =	<b>54.6</b>	<b>13.2</b>	<b>2</b>	<b>106.0</b>	<b>464</b>
LSD (0.10) =	4.3	0.2	ns		
LSD (0.25) =	2.2	0.1	ns		
C.V. =	7.4				

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$8.50

## 2019 Soybeans - South Dakota East Central [ SDEC ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG19X0 §	RRX	R	1.9
ASGROW	AG20X9 §	RRX	R	2.0
ASGROW	AG22X0 §	RRX	R	2.2
CREDENZ	CZ 1850GTLL	LG27	MR	1.8
CREDENZ	CZ 2040GTLL	LG27	R	2.0
CREDENZ	CZ 2230GTLL	LG27	MR	2.2
DYNA-GRO	S19RY65	RR2Y	R	1.9
DYNA-GRO	S21EN70	E3	R	2.1
DYNA-GRO	S23XT90	RRX	R	2.3
GENESIS	G1840E	E3	R	1.8
GENESIS	G2140E	E3	R	2.1
GENESIS	G2181GL	LG27	R	2.2
GENESIS	G2340E	E3	R	2.3
GOLDEN HARVEST	GH1915X	RRX	R	1.9
GOLDEN HARVEST	GH2041X	RRX	R	2.0
GOLDEN HARVEST	GH2230X	RRX	R	2.2
HEFTY	H20X0	RRX	R	2.0
HEFTY	H20X7	RRX	MR	2.0
HEFTY	H23X0	RRX	R	2.3
HEFTY	H23X9	RRX	MR	2.3
HEFTY	Z1800E	E3	R	1.8
HEFTY	Z1900E	E3	R	1.9
HEFTY	Z2000E	E3	R	2.0
HEFTY	Z2300E	E3	R	2.3
HEFTY	Z2301E	E3	R	2.3
LATHAM	L 1769R2X	RRX	R	1.7
LATHAM	L 1829 E3	E3	R	1.8
LATHAM	L 2084R2	RR2Y	R	2.0
LATHAM	L 2159 R2X	RRX	R	2.1
LATHAM	L 2178 LLGT27	LG27	R	2.1
LATHAM	L 2193 E3	E3	R	2.1
LATHAM	L2295R2X	RRX	R	2.2
LATHAM	L2368R2X	RRX	R	2.3
NK BRAND	S18-G4X §	RRX	R	1.8
NK BRAND	S18-H3X §	RRX	R	1.8
NK BRAND	S20-J5X §	RRX	R	2.0

Company/Brand	Brand/Product	Technology	RM	SCN
PIONEER	P18A98X §	RRX	R	1.8
PIONEER	P19A14X §	RRX	R	1.9
PIONEER	P21A28X §	RRX	R	2.1
REA	RX1610	RRX	R	1.6
REA	RX1739	RRX	R	1.7
REA	RX1930	RRX	NA	1.9
REA	RX2039 GC	RRX	R	2.0
REA	RX2240	RRX	NA	2.2
RENK	RS200NX	RRX	R	2.1
STINE	19EA33 §	E3	R	1.9
STINE	19GA02 §	LG27	R	1.9
THUNDER	SB8021N	RRX	R	2.1
THUNDER	SB8818N	RRX	R	1.8
THUNDER	TE7017N	E3	R	1.7
THUNDER	TG6013N	E3	R	1.3
TITAN PRO	20E9	E3	R	2.0
TITAN PRO	22E8	E3	R	2.2
TITAN PRO	23E9	E3	R	2.3

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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 Cyst Nematode (SCN) Resistance Rating

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

### Soybeans Technologies\*

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E3	Enlist E3™
LG27 or G27	LibertyLink® 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

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