

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

## 2019 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] SALEM, SD  
Ernie Christensen, McCook County, SD 57048

<b>All-Season Test</b>	2.1 - 2.8 Day CRM S2019SDSE04
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Valor, Roundup
<b>SOIL DESCRIPTION:</b>	Houdek-Prosper loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 5.9 pH, 3.0% OM, 19.3 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Valor, Roundup, Select Max
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 12 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 1 111.4 /A

### TEST COMMENTS:

*This was a clean field with a fairly consistent stand of soybeans. We had to delay planting until June 12, and prevent planting was common in the area. We had another site originally chosen for this plot but planting conditions dictated a change, and this soybean on soybean ground option was available. There was uneven emergence from wet soils and lack of rain after planting. Some lodging was common as many were leaning to the west and sprawled out.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HEFTY	H24X8	RRX	2.4	MR	<b>58.2</b>	15.0	1	114.2	492	1
ASGROW	AG22X0 §	RRX	2.2	R	<b>57.4</b>	14.2	6	112.3	486	2
TITAN PRO	28E8	E3	2.8	R	<b>55.8</b>	14.4	5	112.3	472	3
HOEGEMEYER	2540 E	E3	2.5	R	<b>55.2</b>	14.4	2	113.3	467	4
REA	RX2518 §	RRX	2.5	R	<b>54.9</b>	14.5	4	110.4	465	5
HOEGEMEYER	2202 NX	RRX	2.2	R	<b>54.5</b>	14.3	4	113.3	461	6
REA	RX2639 GC	RRX	2.6	R	53.8	14.1	7	114.7	456	7
GENESIS	G2140E	E3	2.1	R	53.4	14.1	5	112.3	452	8
CREDENZ	CZ 2550GTLL	LG27	2.5	MR	53.4	14.1	2	110.4	452	9
LATHAM	L 2549R2X	RRX	2.5	R	53.1	14.1	2	112.3	450	10
CHAMPION	25X70N	RRX	2.5	R	52.9	14.2	2	111.4	448	11
GENESIS	G2181GL	LG27	2.2	R	52.6	14.5	1	107.4	445	12
NK BRAND	S20-J5X §	RRX	2.0	R	52.4	13.9	14	108.4	444	13
HEFTY	Z2300E	E3	2.3	R	52.3	13.8	2	112.3	444	14
NK BRAND	S21-W8X §	RRX	2.1	R	52.2	14.0	5	109.4	442	15
STINE	25GA62 §	LG27	2.5	R	52.0	14.0	2	111.3	441	16
PIONEER	P21A28X §	RRX	2.1	R	51.7	14.1	2	105.5	438	17
HOEGEMEYER	2820 E	E3	2.8	R	51.4	15.1	5	112.3	434	18
HEFTY	Z2700E	E3	2.7	R	51.3	14.7	1	113.3	434	19
LATHAM	L 2395 LLGT27	LG27	2.3	R	51.2	14.0	5	108.4	434	20
DYNA-GRO	S24XT08	RRX	2.4	R	51.2	15.1	2	113.3	433	22
RENK	RS248NX	RRX	2.4	R	51.2	15.5	2	112.3	432	23
RENK	RS250NX	RRX	2.5	R	51.2	14.1	1	112.3	434	21
HEFTY	H25X0	RRX	2.5	R	50.9	14.3	2	113.3	431	24
ASGROW	AG26X8 §	RRX	2.6	R	50.7	15.2	3	114.3	428	25
LATHAM	L 2228R2	RR2Y	2.2	R	50.5	13.7	1	112.3	428	26
HEFTY	Z2400E	E3	2.4	R	50.5	14.0	1	111.3	428	27
GOLDEN HARVEST	GH2230X	RRX	2.2	R	50.3	13.6	1	110.4	427	28
CHAMPION	2190EN	E3	2.1	R	50.3	14.3	2	113.3	426	29
HEFTY	H28X8	RRX	2.8	MR	49.8	14.8	3	116.2	421	30



Mark Tollefson

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

Averages = **49.8** **14.5** **3** **111.4** **421**

LSD (0.10) = 4.9 0.3 4

LSD (0.25) = 2.5 0.2 2

C.V. = 9.3

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

## 2019 Soybeans - South Dakota Southeast [ SDSE ]

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

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG22X0 §	RRX	R	2.2
ASGROW	AG26X8 §	RRX	R	2.6
ASGROW	AG27X0 §	RRX	R	2.7
CHAMPION	2190EN	E3	R	2.1
CHAMPION	2220GTLL	LG27	R	2.2
CHAMPION	24X98N	RRX	R	2.4
CHAMPION	25X70N	RRX	R	2.5
CREDENZ	CZ 2550GTLL	LG27	MR	2.5
CREDENZ	CZ 2889GTLL	LG27	MR	2.8
DYNA-GRO	S24XT08	RRX	R	2.4
DYNA-GRO	S25XT99	RRX	R	2.5
DYNA-GRO	S28XT58	RRX	R	2.8
GENESIS	G2140E	E3	R	2.1
GENESIS	G2181GL	LG27	R	2.2
GENESIS	G2840E	E3	R	2.7
GOLDEN HARVEST	GH2230X	RRX	R	2.2
GOLDEN HARVEST	GH2552X	RRX	MR	2.5
GOLDEN HARVEST	GH2808X	RRX	R	2.8
HEFTY	H21X9	RRX	MR	2.1
HEFTY	H24X8	RRX	MR	2.4
HEFTY	H25X0	RRX	R	2.5
HEFTY	H28X8	RRX	MR	2.8
HEFTY	Z2300E	E3	R	2.3
HEFTY	Z2301E	E3	R	2.3
HEFTY	Z2400E	E3	R	2.4
HEFTY	Z2700E	E3	R	2.7
HOEGEMEYER	2202 NX	RRX	R	2.2
HOEGEMEYER	2540 E	E3	R	2.5
HOEGEMEYER	2781 NX	RRX	R	2.7
HOEGEMEYER	2820 E	E3	R	2.8
LATHAM	L 2228R2	RR2Y	R	2.2
LATHAM	L 2384 R2X	RRX	R	2.3
LATHAM	L 2395 LLGT27	LG27	R	2.3
LATHAM	L 2429 E3	E3	R	2.4
LATHAM	L 2549R2X	RRX	R	2.5
LATHAM	L 2597 E3	E3	R	2.5

Company/Brand	Brand/Product	Technology	RM	SCN
LATHAM	L 2839 LLGT27	LG27	R	2.8
LATHAM	L 2887R2X	RRX	R	2.8
NK BRAND	S20-J5X §	RRX	R	2.0
NK BRAND	S21-W8X §	RRX	R	2.1
NK BRAND	S25-V8X §	RRX	MR	2.5
PIONEER	P18A98X §	RRX	R	1.8
PIONEER	P19A14X §	RRX	R	1.9
PIONEER	P21A28X §	RRX	R	2.1
REA	RX2039 GC	RRX	R	2.0
REA	RX2518 §	RRX	R	2.5
REA	RX2639 GC	RRX	R	2.6
REA	RX2830 GC	RRX	NA	2.8
RENK	RS248NX	RRX	R	2.4
RENK	RS250NX	RRX	R	2.5
RENK	RS280NX	RRX	R	2.8
STINE	25GA62 §	LG27	R	2.5
STINE	27EA23 §	E3	R	2.7
TITAN PRO	28E8	E3	R	2.8

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

---

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

---

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

### Soybeans Technologies\*

---

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

---