

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

2019 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] DELL RAPIDS, SD
Levi Brown, Minnehaha County, SD 57022

All-Season Test	2.1 - 2.8 Day CRM S2019SDSE03
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Corn / Roundup, TripleFlex, Callisto, Stinger, Force
SOIL DESCRIPTION:	Moody-Trent silty clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, high K, 5.4 pH, 4.3% OM, 20.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Roundup, Clethodim
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 10 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 29 107.0 /A

TEST COMMENTS:

Wet conditons dictated the the year here. Planting was delayed into June. In August we hand weeded some bigger weeds that didn't die from spraying. The first veritcal rep was lost as sprayer damage set the soybeans back and didn't fully mature for harvest . The plot was weed free at harvest time. Grain moisture has remained high due weather delays.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	L 2549R2X	RRX	2.5	R	66.0	14.5	1	111.9	559	1
RENK	RS248NX	RRX	2.4	R	64.1	15.3	1	104.5	541	2
DYNA-GRO	S25XT99	RRX	2.5	R	63.9	14.3	1	109.7	541	3
LATHAM	L 2839 LLGT27	LG27	2.8	R	63.8	16.7	1	108.2	536	4
HEFTY	H24X8	RRX	2.4	MR	63.5	15.7	1	104.5	535	5
HEFTY	H25X0	RRX	2.5	R	63.5	16.4	1	108.2	534	6
DYNA-GRO	S24XT08	RRX	2.4	R	63.3	16.4	1	109.7	533	7
HOEGEMEYER	2781 NX	RRX	2.7	R	62.4	17.7	1	110.4	523	8
STINE	27EA23 §	E3	2.7	R	61.7	17.9	1	106.0	517	12
LATHAM	L 2384 R2X	RRX	2.3	R	61.6	14.8	1	111.1	521	9
NK BRAND	S25-V8X §	RRX	2.5	MR	61.6	16.4	1	108.9	518	11
LATHAM	L 2395 LLGT27	LG27	2.3	R	61.6	14.5	1	107.5	520	10
HEFTY	Z2700E	E3	2.7	R	61.4	16.5	1	114.0	517	13
GENESIS	G2840E	E3	2.7	R	61.2	16.8	1	104.5	514	14
HOEGEMEYER	2540 E	E3	2.5	R	60.5	14.8	1	104.5	512	15
HEFTY	Z2301E	E3	2.3	R	60.3	14.7	1	103.1	510	16
STINE	25GA62 §	LG27	2.5	R	60.2	14.6	1	108.9	508	17
NK BRAND	S20-J5X §	RRX	2.0	R	60.1	14.6	1	109.7	508	18
DYNA-GRO	S28XT58	RRX	2.8	R	60.1	17.0	1	108.9	504	20
GOLDEN HARVEST	GH2230X	RRX	2.2	R	59.7	14.0	1	108.2	506	19
CHAMPION	2220GTLL	LG27	2.2	R	59.7	14.5	1	102.4	504	21
HEFTY	H28X8	RRX	2.8	MR	59.4	16.5	1	103.8	500	23
PIONEER	P21A28X §	RRX	2.1	R	59.3	14.4	1	102.4	501	22
CREDENZ	CZ 2550GTLL	LG27	2.5	MR	58.9	14.8	1	111.1	498	26
NK BRAND	S21-W8X §	RRX	2.1	R	58.9	14.0	1	108.2	499	24
HEFTY	Z2300E	E3	2.3	R	58.9	14.2	1	106.0	499	25
LATHAM	L 2228R2	RR2Y	2.2	R	58.8	14.1	1	109.7	498	27
CHAMPION	2190EN	E3	2.1	R	58.8	14.3	1	106.8	498	28
PIONEER	P18A98X §	RRX	1.8	R	58.3	14.0	1	100.2	494	29
GENESIS	G2181GL	LG27	2.2	R	58.2	14.5	1	96.6	493	30



Mark Tollefson

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

Averages = **58.8** **15.6** **1** **107.0** **496**

LSD (0.10) = 4.3 1.1 1

LSD (0.25) = 2.2 0.6 0

C.V. = 5.6

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

Report Date: 10/30/2019

Revised:11/03/2019 (Planting date correction)

Additional reports available at www.firstseedtests.com

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

©2019, All rights reserved by Elite Field Genetics, LLC

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
