

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

2019 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] COLTON, SD
Floyd Snoozy, Minnehaha County, SD 57018

All-Season Test	2.1 - 2.8 Day CRM S2019SDSE01
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Roundup UltraMax, Harness, atrazine, Bellum
SOIL DESCRIPTION:	Ethan-Egan silty clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, medium K, 4.7 pH, 4.0% OM, 21.7 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Roundup
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 22 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 28 105.8 /A

TEST COMMENTS:

This plot had great weed control all year. Harvest conditions were good. We found higher than average grain moisture in a low lying area of the plot. Some variable yields in that area affected data quality.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PIONEER	P21A28X §	RRX	2.1	R	62.1	13.6	1	104.0	527	1
RENK	RS280NX	RRX	2.8	R	62.0	16.3	2	103.5	522	2
GOLDEN HARVEST	GH2230X	RRX	2.2	R	59.7	13.2	1	105.5	507	3
LATHAM	L 2395 LLGT27	LG27	2.3	R	57.6	13.4	1	98.7	489	4
DYNA-GRO	S25XT99	RRX	2.5	R	57.0	14.5	1	106.4	482	5
NK BRAND	S20-J5X §	RRX	2.0	R	56.8	13.6	1	100.7	482	6
HEFTY	H25X0	RRX	2.5	R	56.7	15.4	1	106.4	479	8
NK BRAND	S21-W8X §	RRX	2.1	R	56.5	13.3	1	108.4	480	7
LATHAM	L 2228R2	RR2Y	2.2	R	56.4	13.3	1	105.5	479	9
HOEGEMEYER	2540 E	E3	2.5	R	56.4	13.8	1	108.4	478	10
HOEGEMEYER	2781 NX	RRX	2.7	R	56.3	17.0	1	96.3	473	13
REA	RX2518 §	RRX	2.5	R	55.9	15.0	1	107.9	472	14
PIONEER	P19A14X §	RRX	1.9	R	55.9	13.0	1	103.1	475	11
HEFTY	Z2300E	E3	2.3	R	55.9	13.3	1	104.0	475	12
CHAMPION	25X70N	RRX	2.5	R	55.9	15.8	1	107.4	471	15
ASGROW	AG26X8 §	RRX	2.6	R	55.8	15.4	1	104.5	471	16
HEFTY	H24X8	RRX	2.4	MR	55.6	14.6	1	107.4	470	17
CHAMPION	2220GTLL	LG27	2.2	R	55.3	13.3	1	109.4	470	18
LATHAM	L 2429 E3	E3	2.4	R	54.9	14.3	1	108.4	465	19
HOEGEMEYER	2202 NX	RRX	2.2	R	54.6	14.7	1	104.5	462	20
LATHAM	L 2549R2X	RRX	2.5	R	54.4	14.3	1	110.4	461	21
CHAMPION	24X98N	RRX	2.4	R	53.9	14.9	1	108.4	456	23
RENK	RS250NX	RRX	2.5	R	53.9	15.7	1	114.3	454	26
GENESIS	G2140E	E3	2.1	R	53.9	13.5	1	112.3	457	22
CHAMPION	2190EN	E3	2.1	R	53.7	13.4	1	104.1	456	24
CREDENZ	CZ 2550GTLL	LG27	2.5	MR	53.7	13.9	1	110.4	455	25
GOLDEN HARVEST	GH2552X	RRX	2.5	MR	53.5	16.1	1	109.4	451	29
HEFTY	Z2700E	E3	2.7	R	53.5	14.7	1	106.5	452	28
RENK	RS248NX	RRX	2.4	R	53.4	15.1	1	98.7	451	30
STINE	25GA62 §	LG27	2.5	R	53.4	13.7	2	104.5	453	27



Mark Tollefson

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

Averages = **53.4** **14.8** **1** **105.8** **452**

LSD (0.10) = 4.1 0.8 ns

LSD (0.25) = 2.2 0.4 ns

C.V. = 7.3

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
