

2019 Soybeans Top 30 Harvest Report

South Dakota East Central [SDEC] ARLINGTON, SD
Tim Bjorklund, Brookings County, SD 57212

All-Season Test	1.6 - 2.3 Day CRM S2019SDEC08
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / SureStart, Durango, atrazine, Bellum
SOIL DESCRIPTION:	Poinsett-Buse-Waubay silty clay loam, non-irrigated
SOIL CONDITION:	very high P, medium K, 6.1 pH, 4.2% OM, 17.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Blazer
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 23 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 3 99.9 /A

TEST COMMENTS:

This was a no-till location and a wet spring delayed planting into June. The field was wet most of the year and timely spraying was a challenge. We ended up spraying glyphosate with a 4 wheeler around July 1. Blazer herbicide was sprayed a couple of weeks later. We hand weeded the plot in July to get the bigger weeds. At harvest, weeds weren't an issue. We had wet soils all year and the beans were short in the 12 to 18 inch range and uneven. This plot was a bit difficult to harvest with the short beans not feeding well. Data was rejected due to high variance.



Mark Tollefson

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

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$8.50

Company/Brand	Product/Brand	Yield T	GR	Moist.	Yield Bu/8	Moisture %	Logging %	Stand In 2019	Gross Income \$/acre	Rank
LATHAM	L 2780 E3	E3	2.1	R	46.8	14.9	1	109.4	276	1
AGROCON	AG2900 G	RRR	1.9	R	42.8	13.9	1	104.5	264	2
STINE	19842 G	E3	1.9	R	41.8	14.9	1	107.4	267	3
DYNALAND	SC2970	E3	2.1	R	38.8	15.0	1	97.7	325	4
THUNDER	TUM10N	E3	1.3	R	37.8	13.8	1	100.1	321	5
THUNDER	38810N	RRR	1.8	R	35.2	12.4	1	104.5	310	6
AGROCON	AG2900 G	RRR	2.0	R	33.0	13.3	1	111.4	301	7
TITAN PRO	288	E3	2.0	R	32.0	13.9	1	109.4	297	8
HEFTY	Z2316	E3	2.0	R	31.0	13.9	1	109.4	297	9
HEFTY	Z2316	E3	2.0	R	30.0	13.9	1	109.4	297	10
HEFTY	H2317	RRR	2.0	R	31.0	13.9	1	109.4	297	11
NEA	R2200 DC	RRR	2.0	R	30.0	13.9	1	109.4	297	12
STINE	19842 G	E3	1.9	R	30.8	14.2	1	101.8	276	14
CRISTINA	CZ 2840T	RRR	2.0	R	30.0	13.9	1	109.4	277	13
DYNALAND	SC2970	E3	2.1	R	29.0	13.7	1	109.4	274	15
AGROCON	AG2900 G	RRR	2.0	R	30.0	13.4	1	110.4	270	16
LATHAM	L2800R	RRR	2.0	R	30.0	13.9	1	101.8	270	17
PIONEER	P2142N G	RRR	2.0	R	31.8	15.2	1	102.8	269	18
GENESIS	G2346	E3	2.0	R	31.3	14.8	1	102.8	269	19
NEA	R2200	RRR	2.2	HR	30.2	14.7	1	101.8	266	20
LATHAM	L 2800R	RRR	2.0	R	29.8	13.9	1	102.8	260	21
HEFTY	H2317	RRR	2.3	RR	29.8	14.3	1	107.4	260	22
NEA	R2200	RRR	1.7	R	29.8	13.3	1	103.8	245	23
GOLDEN HARVEST	G2346	RRR	2.2	R	27.3	14.1	1	97.3	321	24
GOLDEN HARVEST	G2346	RRR	2.0	R	27.1	13.8	1	92.9	330	25
GENESIS	G2346	E3	2.3	R	26.7	15.5	1	102.8	325	27
DYNALAND	SC2970	RRR	1.9	R	26.8	12.8	1	101.8	326	28
TITAN PRO	288	E3	2.2	R	26.4	14.8	1	106.5	323	29
HEFTY	H2317	RRR	2.3	R	26.2	15.4	1	91.0	321	29
PIONEER	P2142N G	RRR	1.8	R	25.8	13.4	1	92.9	317	30

REJECTED

Averages = **27.4** **14.2** **1** **99.9** **232**

LSD (0.10) = 8.4 1.0 ns

LSD (0.25) = 4.4 0.5 ns

C.V. = 29.0

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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

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
