

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

2019 Soybeans Top 30 Harvest Report

South Dakota Northeast [SDNE] ARLINGTON, SD
Tim Bjorklund, Brookings County, SD 57212

All-Season Test	1.0 - 1.7 Day GRM S2019SDNE09
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, moderately drained, non- irrigated
SOIL CONDITION:	very high P, medium K, 6.1 pH, 4.2% OM, 17.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Blazer, Glyphosate
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 5 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 2 97.0 /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.

Company/Brand	Product/Brand	Yield T	GR	Wt Moist.	Yield Bu/ct	Moisture %	lodging %	Stand in 1000's	Gross Income \$/acre	Rank
THUNDER	10801N	63	1.3	R	48.9	13.2	1	102.1	417	1
LATHAM	L 1089 LLO2P	LO2P	1.3	R	48.8	13.0	1	112.8	410	2
HEFTY	Z1888	63	1.2	R	45.9	15.2	1	102.8	389	3
HEFTY	Z1888	63	1.6	R	45.7	13.7	1	105.8	384	4
NEA	88178	66K	1.7	R	45.5	13.0	1	100.0	380	5
STONE	10842 G	LO2P	1.6	R	45.8	13.0	1	101.9	368	6
TITAN PRO	10-1089	63	1.5	R	45.1	13.0	1	101.1	353	7
LATHAM	L 10790	66P	1.6	R	45.1	13.0	1	100.0	353	8
LATHAM	L 1180 LLO2P	LO2P	1.6	R	47.7	13.0	1	100.0	350	9
GOLDEN HARVEST	01103K	66K	1.5	R	46.8	13.1	1	99.2	311	10
DYNA-GRD	010478	66K	1.4	R	45.1	13.0	1	99.3	302	11
NEA	88148 BC	66K	1.4	R	45.0	13.0	1	101.4	291	12
GENESIS	01048	63	1.3	R	44.4	13.0	1	92.9	292	13
THUNDER	10701N	63	1.3	R	44.7	13.1	1	98.7	289	14
HEFTY	Z1810	63	1.3	R	43.7	13.0	1	98.2	288	15
GOLDEN HARVEST	01030K	66K	1.3	R	43.7	14.0	1	93.4	286	16
STONE	108412 G	63	1.3	R	43.3	13.4	1	100.2	283	17
THUNDER	10701N	63	1.7	R	42.8	15.1	1	97.8	277	20
NEA	88103PQ	66P	1.3	R	42.7	13.0	1	98.7	276	18
THUNDER	08801N	63	1.2	R	42.7	13.4	1	98.2	276	19
GOLDEN HARVEST	01101K	66K	1.3	R	41.8	12.0	1	92.9	270	21
HEFTY	Z1810	63	1.0	R	41.5	12.7	1	96.3	268	22
HEFTY	Z1810	66K	1.4	R	41.1	12.3	1	92.9	264	23
NEA	88101N	66K	1.4	R	39.4	12.7	2	97.8	250	24
LATHAM	L 1080 G	63	1.3	R	39.1	13.0	1	98.2	247	25
NE BRAND	01482K G	66K	1.4	R	39.0	12.3	1	98.7	246	26
LATHAM	L 1080 G	63	1.5	R	39.0	13.0	1	98.7	246	27
AGRICON	AG1148 G	66K	1.1	R	37.6	13.0	1	94.4	234	28
THUNDER	10701N	63	1.0	R	37.6	13.7	1	108.9	233	29
NEA	88103K	66K	1.0	R	37.4	12.3	1	100.7	233	30

REJECTED



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Averages = **29.1** **13.0** **1** **97.0** **247**
 LSD (0.10) = ns ns ns
 LSD (0.25) = ns ns ns
 C.V. = 31.2

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

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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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different

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2019 Soybeans - South Dakota Northeast [SDNE]



All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG10X9 §	RRX	R	1.0
ASGROW	AG11X8 §	RRX	R	1.1
ASGROW	AG17X8 §	RRX	R	1.7
CREDENZ	CZ 1280GTLL	LG27	MR	1.2
CREDENZ	CZ 1549GTLL	LG27	R	1.5
DYNA-GRO	S13XT89	RRX	R	1.3
DYNA-GRO	S16XT58	RRX	R	1.6
GENESIS	G1340E	E3	R	1.3
GENESIS	G1680GL	LG27	R	1.6
GOLDEN HARVEST	GH0936X	RRX	MR	0.9
GOLDEN HARVEST	GH1317X	RRX	R	1.3
GOLDEN HARVEST	GH1538X	RRX	R	1.5
HEFTY	H10E0	E3	R	1.0
HEFTY	H14X0	RRX	R	1.4
HEFTY	H16X1	RRX	R	1.6
HEFTY	H16X8	RRX	MR	1.6
HEFTY	Z1300E	E3	R	1.3
HEFTY	Z1401E	E3	R	1.4
HEFTY	Z1600E	E3	R	1.6
LATHAM	L 1359 LLGT27	LG27	R	1.3
LATHAM	L 1392 E3	E3	R	1.3
LATHAM	L 1482R2X	RRX	R	1.4
LATHAM	L 1595 E3	E3	R	1.5
LATHAM	L 1648 LLGT27	LG27	R	1.6
LATHAM	L 1673R2	RR2Y	S	1.6
LATHAM	L 1769R2X	RRX	R	1.7
LATHAM	L 1793 LLGT27	LG27	R	1.7
NK BRAND	S09-D4X §	RRX	MR	0.9
NK BRAND	S14-B2X §	RRX	R	1.4
NK BRAND	S14-U9X §	RRX	MR	1.4
PIONEER	P08A72X §	RRX	R	0.8
PIONEER	P12A59X §	RRX	R	1.2
PIONEER	P15T46R2 §	RR2Y	R	1.5
REA	RX1027	RRX	R	1.0
REA	RX1428	RRX	R	1.4
REA	RX1529	RRX	R	1.5

Company/Brand	Brand/Product	Technology	RM	SCN
REA	RX1610 GC	RRX	R	1.6
REA	RX1739	RRX	R	1.7
RENK	RS100NX	RRX	R	1.0
RENK	RS149NX	RRX	R	1.4
RENK	RS153NR2	RR2Y	R	1.5
RENK	RS170NX	RRX	R	1.6
STINE	09EA02 §	E3	R	0.9
STINE	13EA12 §	E3	R	1.3
STINE	15GA20 §	LG27	R	1.5
THUNDER	SB8010N	RRX	R	1.0
THUNDER	SB8012N	RRX	R	1.2
THUNDER	SB8814N	RRX	R	1.4
THUNDER	TE7011N	E3	R	1.1
THUNDER	TE7013N	E3	R	1.3
THUNDER	TE7017N	E3	R	1.7
THUNDER	TE7910N	E3	R	1.0
THUNDER	TG6013N	E3	R	1.3
TITAN PRO	TP-15E9	E3	R	1.5

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™
G27	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
