

Test by: NewVenture, LLC Ellendale, MN

## 2019 Soybeans Top 30 Harvest Report

Minnesota North Central [MNNC] WENDELL, MN

Chad Biss, Grant County, MN 56531

**All-Season Test** 0.6 - 1.5 Day CRM  
S2019MNNC03

**Top 30 of 72** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Corn / NA

**SOIL DESCRIPTION:** Aazdahl-Formdale-Balaton Clay  
Loams clay loam, mod. well  
drained, non-irrigated

**SOIL CONDITION:** high P, medium K, 6.3 pH, 4.7%  
OM, 26.8 CEC

**TILLAGE/CULTIVATION:** Conventional W/ Fall Till

**PEST MANAGEMENT:** Panther, Flexstar Gt, Ultra Blazer

**Applied N-P-K (units):** 0-0-0

**SEEDED - RATE - ROW:** May 31 140.0 /A 30" spacing

**HARVESTED - STAND:** Oct 27 132.5 /A

### TEST COMMENTS:

*This site was planted on a gently sloping well tiled site. Chad, our host farmer, said that white mold was prevalent in the area. His comment was that it wouldn't be "if" white mold happened but "how bad" the white mold would be. The beans were standing well at harvest with a few areas of lodging noted. The moistures were ok and the beans went through the combine okay for a cloudy cold day. Because of high variance, and a wet spot in a rep that could not be harvested, the test was rejected.*

Company/Brand	Product/Brand	Seeds / Row	GR	Yield Bu/A	Moisture %	Lodging %	Stand in 2019	Gross Income \$/Acre	Rank	
SYN	108A12 G	ES	1.3	ns	46.7	15.3	0	132.1	301	1
LATHAM	L 108B ES	ES	1.3	ns	46.8	15.4	0	133.8	300	2
FEDERAL	1488N L107+	L107	1.4	ns	42.4	15.7	1	132.1	371	3
PROCEED	87 80-80N	888	0.8	ns	41.2	15.4	0	133.8	300	4
SYN	108A20 G	L107	1.3	ns	46.8	15.0	0	133.8	300	5
NSM	80108A20	882Y	1.3	ns	47.2	15.8	0	133.8	300	6
DYNALCO	814778	888	1.1	ns	47.9	15.9	0	133.8	300	7
LATHAM	L 108B 828	888	1.2	ns	47.9	14.9	0	133.8	300	8
DYNALCO	814778	888	1.1	ns	47.2	15.9	0	134.1	300	9
NS BRAND	814-828	888	1.4	ns	39.9	15.1	0	134.1	300	10
DYNALCO	808778	888	1.1	ns	39.1	15.1	0	134.2	300	11
THUNDER	808814N	888	1.1	ns	39.1	15.1	0	132.1	300	12
DYNALCO	814778	888	1.1	ns	39.1	15.4	0	131.4	300	13
GOLDEN HARVEST	811088	888	1.3	ns	39.1	15.2	0	134.1	307	14
HEFTY	81480	888	1.1	ns	39.1	15.3	0	132.1	307	15
GOLD COUNTRY	1488	888	1.1	ns	39.1	15.3	1	132.2	300	16
NSM	80108A	888	1.1	ns	37.9	15.2	0	131.7	302	17
THUNDER	787018N	ES	1.1	ns	37.7	15.3	0	132.1	300	18
NS BRAND	814-828	888	1.4	ns	37.9	15.2	0	133.8	300	19
THUNDER	808814N	888	0.8	ns	37.4	15.6	0	132.1	307	20
PROCEED	81 81-828	ES	1.2	ns	37.4	15.4	0	133.8	307	21
LATHAM	L 108B 828	888	1.2	ns	37.4	15.3	0	133.8	307	22
HEFTY	81480	ES	1.4	ns	37.2	15.9	0	132.9	305	23
LATHAM	L 108B 828	888	0.8	ns	37.9	15.4	0	134.1	304	24
PIONEER	787018 G	882Y	1.3	ns	36.7	15.5	0	134.0	301	25
PROCEED	81 81-828	ES	1.2	ns	36.5	15.5	0	133.1	319	26
NS BRAND	814-828	882Y	1.2	ns	36.5	15.4	2	132.9	319	27
TITAN PRO	1088	ES	1.3	ns	36.4	15.6	0	133.8	319	28
TITAN PRO	1088	L107	1.3	ns	36.8	16.2	0	134.1	319	29
NS BRAND	814-828	888	1.0	ns	36.0	15.7	1	131.2	319	30

REJECTED

Averages = **34.9** 15.4 0 132.5 305

LSD (0.10) = 5.7 0.5 2

LSD (0.25) = 3.0 0.3 1

C.V. = 15.6

Ed Dahle

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**Yield & Income Factors:**

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.00

Prices: GMO = \$8.75

Report Date: 10/28/2019

Additional reports available at [www.firstseedtests.com](http://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

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## 2019 Soybeans - Minnesota North Central [ MNNC ]

### All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ANDERSON	159RXT	RRX	MR	1.5
ASGROW	AG10X9 §	RRX	R	1.0
ASGROW	AG11X8 §	RRX	R	1.1
ASGROW	AG14X0 §	RRX	R	1.4
CREDENZ	CZ 0729GTLL	LG27	MR	0.7
CREDENZ	CZ 1139GTLL	LG27	MR	1.1
CREDENZ	CZ 1470GTLL	LG27	MR	1.4
CREDENZ	CZ 1549GTLL	LG27	R	1.5
DAHLMAN	1014E3N	E3	R	1.4
DAHLMAN	6014XN	RRX	R	1.4
DYNA-GRO	S09XT50	RRX	R	0.9
DYNA-GRO	S11XT78	RRX	R	1.1
DYNA-GRO	S13XT89	RRX	R	1.3
DYNA-GRO	S14XT98	RRX	R	1.4
ENESTVEDT	E1418RR2	RR2Y	R	1.4
FEDERAL	1409N LLGT+	LG27	R	1.4
GOLD COUNTRY	1428X	RRX	R	1.4
GOLD COUNTRY	O718X	RRX	R	0.7
GOLD COUNTRY	O928X	RRX	R	0.9
GOLDEN HARVEST	GH0936X	RRX	MR	0.9
GOLDEN HARVEST	GH1317X	RRX	R	1.3
GOLDEN HARVEST	GH1538X	RRX	R	1.5
HEFTY	H10X0	RRX	R	1.0
HEFTY	H11E0	E3	R	1.1
HEFTY	H14X0	RRX	R	1.4
HEFTY	Z0700E	E3	R	0.7
HEFTY	Z0800E	E3	S	0.8
HEFTY	Z1100E	E3	R	1.1
HEFTY	Z1300E	E3	R	1.3
HEFTY	Z1401E	E3	R	1.4
LATHAM	L 0883 R2X	RRX	R	0.8
LATHAM	L 0995 E3	E3	R	0.9
LATHAM	L 1039 R2X	RRX	R	1.0
LATHAM	L 1192 E3	E3	R	1.1
LATHAM	L 1359 LLGT27	LG27	R	1.3
LATHAM	L 1392 E3	E3	R	1.3

Company/Brand	Brand/Product	Technology	RM	SCN
LATHAM	L 1429 LLGT27	LG27	R	1.4
LATHAM	L 1595 E3	E3	R	1.5
NK BRAND	S06-K4X §	RRX	S	0.6
NK BRAND	S07-Q4X §	RRX	MR	0.7
NK BRAND	S09-D4X §	RRX	MR	0.9
NK BRAND	S10-H7X	RRX	MR	1.0
NK BRAND	S12-R3	RR2Y	R	1.2
NK BRAND	S14-A6	RR2Y	R	1.4
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
PROSEED	EL 91-23N	E3	R	1.2
PROSEED	EL 91-33N	E3	R	1.3
PROSEED	XT 90-90N	RRX	R	0.9
RENK	RS084NR2	RR2Y	R	0.8
RENK	RS089NX	RRX	R	0.8
RENK	RS100NX	RRX	R	1.0
RENK	RS149NX	RRX	R	1.4
RENK	RS153NR2	RR2Y	R	1.5
STINE	09EA02 §	E3	R	0.9
STINE	13EA12 §	E3	R	1.3
STINE	15GA20 §	LG27	R	1.5
THUNDER	SB8009N	RRX	R	0.9
THUNDER	SB8010N	RRX	R	1.0
THUNDER	SB8814N	RRX	R	1.4
THUNDER	TE7011N	E3	R	1.1
THUNDER	TE7013N	E3	R	1.3
THUNDER	TE7910N	E3	R	1.0
TITAN PRO	11E9	E3	R	1.1
TITAN PRO	12GL8	LG27	R	1.2
TITAN PRO	13E9	E3	R	1.3
TITAN PRO	15E9	E3	R	1.5
TITAN PRO	15GL9	LG27	R	1.5
TITAN PRO	TP-10X69	RRX	R	1.0

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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- 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

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

### Soybeans Technologies\*

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- 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
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