

Test by: NewVenture, LLC Ellendale, MN

2019 Soybeans Top 30 Harvest Report

Minnesota Central [MNCE] WINTHROP, MN
Neil Rasmussen, Sibley County, MN 55396

All-Season Test	1.3 - 2.0 Day CRM S2019MNCE01
Top 30 of 81	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Corn / Force, Impact, Stinger, Banvel
SOIL DESCRIPTION:	Nicolette Clay Loam clay loam, moderately drained, non- irrigated
SOIL CONDITION:	very high P, high K, 6.2 pH, 4.7% OM, 19.0 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Zidua Pro, Roundup
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 8 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 10 131.7 /A

TEST COMMENTS:

I want to thank Neil for hosting this plot at the last minute due to another site not being useable. I was only able to plant 2 reps due to size limitations of the spot. Planting and harvest were both delayed due to weather. The beans were still standing very well at this late date. They were short and needed more growing season to reach full potential.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ASGROW	AG17X8 §	RRX	1.7	R	46.2	15.9	0	130.7	401	1
GOLD COUNTRY	2038X	RRX	2.0	R	46.0	15.6	0	131.4	400	2
GOLDEN HARVEST	GH2041X	RRX	2.0	R	45.6	15.6	0	130.7	396	3
ANDERSON	180RXT	RRX	1.8	MR	45.3	16.0	0	132.9	394	4
FEDERAL	195N	RR2Y	1.9	R	44.6	15.6	0	132.9	388	5
NK BRAND	S20-J5X	RRX	2.0	R	44.6	15.7	0	130.7	387	6
CORNELIUS	CB18X82	RRX	1.8	n/a	44.4	15.9	0	134.3	386	7
LATHAM	L 1829 E3	E3	1.8	R	44.2	16.6	0	132.1	383	8
NK BRAND	S21-W8X	RRX	2.1	R	44.1	15.9	0	131.4	382	9
GOLD COUNTRY	1827X	RRX	1.8	R	44.1	15.9	0	131.4	382	10
TITAN PRO	18GL8	LG27	1.8	R	44.0	16.6	0	132.1	382	11
ANDERSON	217RXT	RRX	2.0	MR	43.9	16.3	0	132.9	381	12
GOLD COUNTRY	1738X	RRX	1.7	R	43.5	16.1	0	133.6	378	13
ASGROW	AG19X0 §	RRX	1.9	R	43.5	15.8	0	132.1	378	14
GOLDEN HARVEST	GH1852X	RRX	1.8	R	43.2	16.0	0	131.4	375	15
ASGROW	AG20X9 §	RRX	2.0	R	43.2	15.9	0	132.1	375	16
GOLDEN HARVEST	GH1915X	RRX	1.9	R	42.6	15.8	0	130.7	370	17
FEDERAL	2090N R2X	RRX	1.9	R	42.6	15.7	0	132.9	370	18
GOLD COUNTRY	1939X	RRX	1.9	R	42.5	15.9	0	132.2	369	19
LATHAM	L 2084R2	RR2Y	2.0	R	42.1	15.8	0	132.2	366	20
STINE	19EA33 §	E3	1.9	R	42.0	15.8	0	132.1	365	21
HEFTY	Z1300E	E3	1.3	R	42.0	15.9	0	130.7	365	22
TITAN PRO	18E9	E3	1.8	R	42.0	16.3	0	131.4	365	23
HEFTY	Z1800E	E3	1.8	R	41.9	16.3	0	131.4	364	24
CREDENZ	CZ 1470GTLL	LG27	1.4	MR	41.9	16.5	0	132.2	364	25
FEDERAL	1690N	RRX	1.6	R	41.9	16.2	0	130.7	364	26
LATHAM	L 1595 E3	E3	1.5	R	41.4	16.1	0	131.4	360	27
DYNA-GRO	S19EN59	E3	1.9	R	41.4	16.1	0	132.9	360	28
LATHAM	L 1983 LLGT27	LG27	1.9	R	41.2	15.6	0	130.7	358	29
PIONEER	P18A98X §	RRX	1.8	R	41.2	15.9	0	133.6	357	30

Averages = **39.6** **16.0** **0** **131.7** **344**

LSD (0.10) = 4.0 ns ns

LSD (0.25) = 2.1 ns ns

C.V. = 7.8

Ed Dahle

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$8.75

Report Date: 11/11/2019

† 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 Central [MNCE]

All-Season Test Products (81 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ANDERSON	159RXT	RRX	MR	1.5
ANDERSON	179RXT	RRX	MR	1.7
ANDERSON	180RXT	RRX	MR	1.8
ANDERSON	18LG20	LG27	MR	1.8
ANDERSON	20LG20	LG27	MR	2.0
ANDERSON	217RXT	RRX	MR	2.0
ASGROW	AG17X8 §	RRX	R	1.7
ASGROW	AG19X0 §	RRX	R	1.9
ASGROW	AG20X9 §	RRX	R	2.0
CORNELIUS	CB18X82	RRX	NA	1.8
CREDENZ	CZ 1470GTLL	LG27	MR	1.4
CREDENZ	CZ 1549GTLL	LG27	R	1.5
CREDENZ	CZ 1660GTLL	LG27	MR	1.6
CREDENZ	CZ 1850GTLL	LG27	MR	1.8
CREDENZ	CZ 1859GTLL	LG27	R	1.8
CREDENZ	CZ 2040GTLL	LG27	R	2.0
DAHLMAN	1014E3N	E3	R	1.4
DAHLMAN	6014XN	RRX	R	1.4
DYNA-GRO	S17XT29	RRX	R	1.7
DYNA-GRO	S18XT38	RRX	MR	1.8
DYNA-GRO	S19EN59	E3	R	1.9
DYNA-GRO	S19XT30	RRX	R	1.9
FEDERAL	1690N	RRX	R	1.6
FEDERAL	1909N LLGT+	LG27	R	1.8
FEDERAL	195N	RR2Y	R	1.9
FEDERAL	2090N R2X	RRX	R	1.9
GENESIS	G1680GL	LG27	R	1.6
GENESIS	G1840E	E3	R	1.8
GOLD COUNTRY	1428X	RRX	R	1.4
GOLD COUNTRY	1528X	RRX	R	1.5
GOLD COUNTRY	1738X	RRX	R	1.7
GOLD COUNTRY	1827X	RRX	R	1.8
GOLD COUNTRY	1939X	RRX	R	1.9
GOLD COUNTRY	2038X	RRX	R	2.0
GOLDEN HARVEST	GH1317X	RRX	R	1.3
GOLDEN HARVEST	GH1538X	RRX	R	1.5

Company/Brand	Brand/Product	Technology	RM	SCN
GOLDEN HARVEST	GH1619X	RRX	R	1.6
GOLDEN HARVEST	GH1852X	RRX	R	1.8
GOLDEN HARVEST	GH1915X	RRX	R	1.9
GOLDEN HARVEST	GH2041X	RRX	R	2.0
HEFTY	H14X0	RRX	R	1.4
HEFTY	H20X0	RRX	R	2.0
HEFTY	Z1300E	E3	R	1.3
HEFTY	Z1401E	E3	R	1.4
HEFTY	Z1600E	E3	R	1.6
HEFTY	Z1800E	E3	R	1.8
HEFTY	Z1900E	E3	R	1.9
HEFTY	Z2000E	E3	R	2.0
LATHAM	L 1429 LLGT27	LG27	R	1.4
LATHAM	L 1595 E3	E3	R	1.5
LATHAM	L 1648 LLGT27	LG27	R	1.6
LATHAM	L 1748R2	RR2Y	R	1.7
LATHAM	L 1829 E3	E3	R	1.8
LATHAM	L 1983 LLGT27	LG27	R	1.9
LATHAM	L 1995 E3	E3	R	1.9
LATHAM	L 2084R2	RR2Y	R	2.0
NK BRAND	S14-B2X §	RRX	R	1.4
NK BRAND	S14-U9X §	RRX	MR	1.4
NK BRAND	S18-G4X §	RRX	R	1.8

Company/Brand	Brand/Product	Technology	RM	SCN
NK BRAND	S18-H3X	RRX	R	1.8
NK BRAND	S20-J5X	RRX	R	2.0
NK BRAND	S21-W8X	RRX	R	2.1
PIONEER	P15T46R2 §	RR2Y	R	1.5
PIONEER	P18A98X §	RRX	R	1.8
PIONEER	P19A14X §	RRX	R	1.9
PROSEED	EL 91-23N	E3	R	1.2
PROSEED	EL 91-33N	E3	R	1.3
RENK	RS149NX	RRX	R	1.4
RENK	RS153NR2	RR2Y	R	1.5
RENK	RS170NX	RRX	R	1.6
STINE	17GA62 §	LG27	R	1.7
STINE	19EA33 §	E3	R	1.9
STINE	19GA02 §	LG27	R	1.9
TITAN PRO	15E9	E3	R	1.5
TITAN PRO	15GL9	LG27	R	1.5
TITAN PRO	18E9	E3	R	1.8
TITAN PRO	18GL8	LG27	R	1.8
TITAN PRO	19E8	E3	R	1.9
TITAN PRO	20E9	E3	R	2.0
TITAN PRO	20GL8	LG27	R	2.0
TITAN PRO	TP-16X88	RRX	R	1.6

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
