

Test by: NewVenture, LLC Ellendale, MN

2019 Soybeans Top 30 Harvest Report

Minnesota North Central [MNCC] ALBANY, MN
Mitch Oveman, Stearns County, MN 56381

All-Season Test	0.6 - 1.5 Day CRM S2019MNCC02
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / NA
SOIL DESCRIPTION:	Roliss Loam loam, poorly drained, non-irrigated
SOIL CONDITION:	low P, low K, 7.7 pH, 5.3% OM, 27.6 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Flexstar Gt, Cornerstone, Class Act, Avalanche
Applied N-P-K (units):	0-50-40
SEEDED - RATE - ROW:	Jun 3 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 15 133.8 /A

TEST COMMENTS:

This is a very uniform and level site. Planting and harvest were both delayed due to weather. During a late season site visit there was some unexplained damage to some varieties, though they seemed to yield anyway. Analysis of yield by seed technology did not show any differences indicating spray drift damage. The beans were still standing well and were tough to combine at this late date.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HEFTY	Z1300E	E3	1.3	R	54.6	15.8	0	133.1	446	1
NK BRAND	S12-R3	RR2Y	1.2	R	54.0	16.1	0	134.0	441	2
THUNDER	SB8009N	RRX	0.9	R	52.4	16.0	0	133.1	428	3
THUNDER	TE7013N	E3	1.3	R	51.9	16.2	0	133.6	423	4
LATHAM	L 1429 LLGT27	LG27	1.4	R	51.9	16.3	0	132.6	423	5
GOLDEN HARVEST	GH1538X	RRX	1.5	R	51.7	16.0	0	134.1	422	6
PROSEED	EL 91-33N	E3	1.3	R	51.6	15.7	0	133.1	422	7
HEFTY	H10X0	RRX	1.0	R	51.6	15.8	0	133.6	421	8
FEDERAL	1409N LLGT+	LG27	1.4	R	51.3	16.0	0	133.1	419	9
THUNDER	SB8814N	RRX	1.4	R	51.2	15.6	0	134.5	418	10
ENESTVEDT	E1418RR2	RR2Y	1.4	R	50.5	15.8	0	134.1	412	11
THUNDER	TE7011N	E3	1.1	R	50.2	16.3	0	134.5	409	12
LATHAM	L 1359 LLGT27	LG27	1.3	R	49.6	16.7	0	132.6	404	13
PIONEER	P15T46R2 §	RR2Y	1.5	R	49.5	15.9	0	133.6	404	14
HEFTY	Z1401E	E3	1.4	R	49.5	16.2	0	133.6	404	15
LATHAM	L 1392 E3	E3	1.3	R	49.4	15.9	0	133.6	403	16
ASGROW	AG11X8 §	RRX	1.1	R	49.3	15.8	0	134.1	403	17
DYNA-GRO	S14XT98	RRX	1.4	R	49.2	15.6	1	133.6	402	18
DAHLMAN	1014E3N	E3	1.4	R	49.1	15.7	0	134.5	401	19
PIONEER	P12A59X §	RRX	1.2	R	49.0	15.7	0	134.1	400	20
DYNA-GRO	S13XT89	RRX	1.3	R	48.9	15.7	0	134.1	400	21
RENK	RS153NR2	RR2Y	1.5	R	48.8	16.0	0	134.5	398	22
DYNA-GRO	S11XT78	RRX	1.1	R	48.6	16.2	0	133.1	396	23
PIONEER	P08A72X §	RRX	0.8	R	48.4	15.7	3	133.1	395	24
TITAN PRO	13E9	E3	1.3	R	48.2	15.8	0	133.6	394	25
LATHAM	L 1595 E3	E3	1.5	R	48.2	16.0	0	134.1	393	26
GOLDEN HARVEST	GH1317X	RRX	1.3	R	47.8	15.3	0	133.6	391	27
TITAN PRO	12GL8	LG27	1.2	R	47.8	16.4	0	134.5	390	29
TITAN PRO	TP-10X69	RRX	1.0	R	47.8	15.4	0	133.6	391	28
STINE	15GA20 §	LG27	1.5	R	47.6	15.9	0	134.5	389	30

Averages = **46.8** **15.9** **0** **133.8** **382**

LSD (0.10) = 4.6 0.3 ns

LSD (0.25) = 2.4 0.1 ns

C.V. = 9.4

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$8.25; non-GMO = \$8.25

Report Date: 11/17/2019

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 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	159RX	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

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
