

Test by: NewVenture, LLC Ellendale, MN

2019 Soybeans Top 30 Harvest Report

Minnesota North Central [MNCC] CLEAR LAKE, MN
Ryan Peterson, Sherburne County, MN 55319

All-Season Test	0.6 - 1.5 Day CRM S2019MNCC04
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Force, Atrazine 4L, Dual II Magnum, Cornerstone 5 Plus
SOIL DESCRIPTION:	Hubbard-Mosford Loamy Sand loamy sand, well drained, irrigated
SOIL CONDITION:	very high P, very high K, 5.9 pH, 1.4% OM, 9.3 CEC
TILLAGE/ CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Dual II Magnum, Cornerstone 5 Plus, Section 3ec, Superb Hc, Class Act Ng
Applied N-P-K (units):	15-38-100
SEEDED - RATE - ROW:	May 16 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 20 134.5 /A

TEST COMMENTS:

This was the first bean site planted this season. It is a very uniform and level site that is representative of the area. The plants were generally standing well at harvest with a few exceptions. There was a large hail event in the area July 23 that may have reduced yield in the plot. Ryan noted that for a difficult growing year, this was an average yield. During an early October site visit only the usual leaf diseases were noted.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
TITAN PRO	15GL9	LG27	1.5	R	65.7	12.2	0	134.5	575	1
CREDENZ	CZ 1549GTLL	LG27	1.5	R	59.5	13.1	3	133.6	521	2
LATHAM	L 1359 LLGT27	LG27	1.3	R	59.4	12.4	0	133.6	520	3
THUNDER	TE7910N	E3	1.0	R	57.8	12.0	0	135.5	506	4
TITAN PRO	13E9	E3	1.3	R	57.7	12.0	3	134.1	505	5
ENESTVEDT	E1418RR2	RR2Y	1.4	R	57.2	11.9	5	135.0	500	6
DYNA-GRO	S13XT89	RRX	1.3	R	57.0	11.7	0	134.5	499	7
NK BRAND	S14-B2X	RRX	1.4	R	56.9	11.9	0	134.5	498	8
THUNDER	TE7013N	E3	1.3	R	56.6	12.1	3	135.5	495	9
DAHLMAN	1014E3N	E3	1.4	R	55.5	11.8	0	133.6	486	10
GOLD COUNTRY	1428X	RRX	1.4	R	54.8	11.7	0	133.1	480	11
CREDENZ	CZ 1470GTLL	LG27	1.4	MR	54.4	12.5	1	136.0	476	12
GOLDEN HARVEST	GH1538X	RRX	1.5	R	54.4	11.8	5	135.0	476	13
THUNDER	SB8010N	RRX	1.0	R	53.7	11.6	5	134.1	470	14
NK BRAND	S12-R3	RR2Y	1.2	R	53.0	12.1	0	133.1	464	15
DYNA-GRO	S09XT50	RRX	0.9	R	52.9	11.8	0	133.6	463	16
NK BRAND	S14-A6	RR2Y	1.4	R	52.9	11.8	0	135.0	463	17
DYNA-GRO	S11XT78	RRX	1.1	R	52.8	12.0	0	134.5	462	18
HEFTY	Z1401E	E3	1.4	R	52.8	12.8	0	133.6	462	19
RENK	RS153NR2	RR2Y	1.5	R	52.3	12.1	0	135.0	458	20
LATHAM	L 1039 R2X	RRX	1.0	R	52.2	11.4	0	134.5	457	21
LATHAM	L 1595 E3	E3	1.5	R	52.2	12.0	0	134.5	457	22
TITAN PRO	15E9	E3	1.5	R	52.1	12.6	0	136.0	456	23
ASGROW	AG10X9 §	RRX	1.0	R	51.0	12.0	16	133.6	446	24
LATHAM	L 1392 E3	E3	1.3	R	50.7	12.0	12	135.5	444	25
LATHAM	L 1429 LLGT27	LG27	1.4	R	50.6	11.8	5	135.5	443	26
FEDERAL	1409N LLGT+	LG27	1.4	R	50.0	11.8	0	133.1	438	27
STINE	09EA02 §	E3	0.9	R	50.0	12.0	0	133.1	438	28
ASGROW	AG11X8 §	RRX	1.1	R	49.8	12.1	0	134.1	436	29
PROSEED	XT 90-90N	RRX	0.9	R	49.8	12.2	0	137.0	436	30

Averages = **48.6** **12.0** **2** **134.5** **425**

LSD (0.10) = 8.6 0.3 6

LSD (0.25) = 4.5 0.2 3

C.V. = 16.8

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.00 Prices: GMO = \$8.75

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

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All-Season Test Products (72 Total)

Company/Brand	Brand/Product	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™
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
