

**2018 Soybean Top 30 Harvest Report**  
 Minnesota North Central [ MNNC ] CLEAR LAKE  
 Ryan Peterson, Sherburne County, MN 55319



PREV. CROP/HERB: Corn  
 SOIL DESCRIPTION: Hubbard-Mosford loamy sand, well drained, irrigated  
 SOIL CONDITIONS: Very high P, medium K, 7.9 pH, 2.8% OM, 22.3 CEC  
 TILLAGE/CULTIVATION: Conventional w/o fall till  
 PEST MANAGEMENT: Boundary, Sencor, Cornerstone 5 Plus, Section, Lorsban  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 17 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 24 132,600 /A

**All-Season Test**  
**Maturity Group 0.6 - 1.5**  
 S2018MNNC04

**Top 30 of 54**

For Gross Income (Sorted by Yield)  
 Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H13X7	RRX	1.3	MR	<b>65.6</b>	11.6	0	135.0	\$525	1
Dyna-Gro	S11XT78	RRX	1.1	R	<b>61.9</b>	12.1	0	131.4	\$495	2
Hefty	H14X8	RRX	1.4	MR	<b>61.4</b>	12.1	0	132.9	\$491	3
Prairie Brand	PB-1376R2 GC	RR2Y	1.3	R	<b>61.3</b>	11.6	0	132.9	\$490	4
Latham	L1438R2	RR2Y	1.4	R	<b>60.9</b>	11.5	0	135.0	\$487	5
Asgrow	AG08X8 §	RRX	0.8	R	<b>60.3</b>	11.7	0	130.7	\$482	6
Mustang	12X928 GC	RRX	1.2	R	<b>58.6</b>	11.9	0	132.1	\$469	7
Titan Pro	TP 14X27	RRX	1.4	MR	<b>58.4</b>	11.6	0	134.3	\$467	8
LG Seeds	LGS1575RX	RRX	1.5	R	<b>57.3</b>	11.8	0	132.9	\$458	9
Proseed	XT71-10	RR2Y	1.1	R	55.8	12.1	0	132.1	\$446	10
Golden Harvest	GH1024X	RRX	1.0	MR	55.5	11.8	0	132.9	\$444	11
Mustang	08X028 GC	RRX	0.8	R	55.4	12.2	0	132.9	\$443	12
Asgrow	AG14X8 §	RRX	1.4	R	55.1	11.8	0	132.9	\$441	13
Latham	L1184R2X	RRX	1.1	R	54.8	11.8	0	132.9	\$438	14
Thunder	3914R2YN	RR2Y	1.4	R	54.8	11.7	2	134.3	\$438	15
Dyna-Gro	SX18814XT	RRX	1.4	R	53.8	11.5	0	132.9	\$430	16
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	53.5	12.2	0	133.6	\$428	17
Mustang	14X428 GC	RRX	1.4	R	53.3	11.6	0	133.6	\$426	18
Thunder	3907R2YN	RR2Y	0.7	R	53.3	11.8	0	132.1	\$426	19
Stine	09RI62 §	RR2Y	0.9	R	52.7	12.0	0	132.1	\$422	20
Dyna-Gro	S14XT98	RRX	1.4	R	52.1	12.0	0	133.6	\$417	21
Asgrow	AG11X8 §	RRX	1.1	R	52.0	11.9	0	133.6	\$416	22
Thunder	SB8811N	RRX	1.1	R	51.1	11.9	0	133.6	\$409	23
Latham	L1482R2X	RRX	1.4	R	50.8	11.5	0	133.6	\$406	24
Thunder	SB8906N	RRX	0.6	R	50.8	11.7	0	131.4	\$406	25
Hefty	H11X8	RRX	1.1	MR	50.3	12.3	0	132.9	\$402	26
Hefty	H12X7	RRX	1.2	MR	50.1	11.7	0	132.1	\$401	27
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	50.1	11.7	0	130.7	\$401	28
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	50.1	11.9	0	132.9	\$401	29
Hefty	H08X8	RRX	0.8	MR	49.7	11.7	0	133.6	\$398	30

Averages = **49.5** **11.8** **0** **132.6** **\$396**

LSD (0.10) = 6.8 ns ns

LSD (0.25) = 3.6 ns ns

C.V. = 10.6

New test site, no yield history

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

**TEST COMMENTS:** *This was a very sandy irrigated site. Seedling emergence was delayed a bit due to planting depth being a bit too deep on this coarse soil. Ryan, our host farmer, said that this site has had a cyst nematode problem for the last two years or so. Historically, seed treatment is needed at this site as seedling diseases are quite challenging. The few untreated products had normal stands but lower yields.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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

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Report Date: 10/26/2018 Revised:

## 2018 Soybean - Minnesota North Central [ MNNC ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG08X8 §	RRX	0.8	R	AC,PV	Stine	14RD62 §	RR2Y	1.4	R	SF
Asgrow	AG11X8 §	RRX	1.1	R	AC,PV	Thunder	3907R2YN	RR2Y	0.7	R	Ret
Asgrow	AG14X8 §	RRX	1.4	R	AC,PV	Thunder	3914R2YN	RR2Y	1.4	R	Ret
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	CMB	Thunder	SB8811N	RRX	1.1	R	Ret
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	CMB	Thunder	SB8814N	RRX	1.4	R	Ret
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB	Thunder	SB8906N	RRX	0.6	R	Ret
Dyna-Gro	S09XT39	RRX	0.9	R	EQV,Ci	Thunder	SB8909N	RRX	0.9	R	Ret
Dyna-Gro	S11XT78	RRX	1.1	R	EQV,Ci	Titan Pro	TP 11X37	RRX	1.1	MR	IL,PV
Dyna-Gro	S14XT98	RRX	1.4	R	EQV,Ci	Titan Pro	TP 14X27	RRX	1.4	MR	IL,PV
Dyna-Gro	SX18814XT	RRX	1.4	R	EQV,Ci						
Golden Harvest	GH0749X	RRX	0.7	MR	CCB,Me						
Golden Harvest	GH1024X	RRX	1.0	MR	CCB,Me						
Hefty	H06X8	RRX	0.6	MR	DST						
Hefty	H08X8	RRX	0.8	MR	DST						
Hefty	H09X9	RRX	0.9	MR	DST						
Hefty	H10X9	RRX	1.0	MR	DST						
Hefty	H11X8	RRX	1.1	MR	DST						
Hefty	H12X7	RRX	1.2	MR	DST						
Hefty	H13X7	RRX	1.3	MR	DST						
Hefty	H14X8	RRX	1.4	MR	DST						
Latham	E0638R2X	RRX	0.6	R	SS+						
Latham	L0739R2X	RRX	0.7	R	SS+						
Latham	L0859R2X	RRX	0.8	R	SS+						
Latham	L0982R2	RR2Y	0.9	R	SS+						
Latham	L1092R2X	RRX	1.0	R	SS+						
Latham	L1184R2X	RRX	1.1	R	SS+						
Latham	L1438R2	RR2Y	1.4	R	SS+						
Latham	L1482R2X	RRX	1.4	R	SS+						
LG Seeds	LGS1575RX	RRX	1.5	R	ASfi,IL						
Mustang	08X028 GC	RRX	0.8	R	F,I						
Mustang	12X928 GC	RRX	1.2	R	F,I						
Mustang	14X428 GC	RRX	1.4	R	F,I						
NK Brand	S07-Q4X §	RRX	0.7	MR	CCB,Me						
NK Brand	S09-R8X	RRX	0.9	R	CCB,Me						
NK Brand	S10-H7X §	RRX	1.0	MR	CCB,Me						
NK Brand	S12-R3 §	RR2Y	1.2	R	CCB,Me						
Pioneer	P11T22R2 §	RR2Y	1.1	R	None						
Pioneer	P12A59X §	RRX	1.2	R	None						
Pioneer	P15T46R2 §	RR2Y	1.5	R	None						
Prairie Brand	PB-1376R2 GC	RR2Y	1.3	R	CMB						
Proseed	XT71-10	RR2Y	1.1	R	CMB						
Renk	RS089NX	RRX	0.8	R	EcTC						
Renk	RS118NX	RRX	1.1	R	EcTC						
Stine	09RI62 §	RR2Y	0.9	R	SF						
Stine	13RI32 §	RR2Y	1.3	R	SF						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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 Technologies

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

### Soybean Cyst Nematode (SCN) Resistance Rating

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

### Soybean Seed Treatments\*

?	Information not provided	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron® fungicide products	IL	ILeVO®
ACi	Acceleron® fungicide and insecticide products	In	Intego™ Solo
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

\* Seed treatments may include unspecified plant health promoting components.