

**2017 Soybean Top 30 Harvest Report**  
 Minnesota North Central [ MNNC ] ALBANY  
 Randy Roehl, Stearns County, MN 56307



PREV. CROP/HERB: Corn  
 SOIL DESCRIPTION: Cordova-Holdingford loam, moderately drained, non-irrigated  
 SOIL CONDITIONS: Very high P, very high K, 6.2 pH, 2.1% OM, 10.5 CEC  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Cobra, Roundup  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 12 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 12 132,400 /A

**All-Season Test**  
**Maturity Group 0.6 - 1.5**  
 S2017MNNC01

**Top 30 of 63**  
 For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NorthStar	NS 1492NR2 GC	RR2Y	1.4	R	<b>53.3</b>	15.0	3	133.1	\$462	1
Pioneer	P15T83R §	RR	1.5	R	<b>51.6</b>	14.8	0	135.5	\$447	2
Latham	L1454EXGT	BG	1.4	S	<b>51.0</b>	16.0	1	128.7	\$441	3
Latham	L1438R2	RR2Y	1.4	R	<b>50.0</b>	15.2	0	133.6	\$433	4
NK Brand	S14-A6 §	RR2Y	1.4	R	<b>49.7</b>	15.7	0	130.7	\$430	5
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	<b>49.5</b>	15.3	0	132.6	\$428	6
NK Brand	S12-R3 §	RR2Y	1.2	R	<b>49.1</b>	14.6	0	134.1	\$426	7
Latham	L0982R2	RR2Y	0.9	R	<b>49.0</b>	14.2	3	132.6	\$425	8
Renk	RS148NX	RRX	1.4	R	<b>48.9</b>	15.0	0	134.1	\$423	9
Stine	09RI62 §	RR2Y	0.9	R	<b>48.8</b>	15.5	0	133.1	\$422	10
Latham	L1584R2X	RRX	1.5	R	<b>48.0</b>	15.3	0	133.6	\$415	11
Golden Harvest	GH1486X	RRX	1.4	R	<b>48.0</b>	15.9	0	133.6	\$415	12
Stine	14RD62 §	RR2Y	1.4	R	<b>47.8</b>	15.4	0	134.1	\$414	13
Thunder	3408R2YN	RR2Y	0.8	R	<b>47.6</b>	15.1	0	132.1	\$412	14
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	<b>47.6</b>	15.4	0	133.6	\$412	15
Legacy Seeds	LS-1138NRR2X	RRX	1.1	R	<b>47.6</b>	15.8	0	135.0	\$411	16
Titan Pro	TP-08X17	RRX	0.8	MR	<b>47.2</b>	15.2	3	130.2	\$409	17
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	<b>47.2</b>	15.5	0	135.0	\$408	18
Mustang	12X928	RRX	1.2	R	<b>47.2</b>	15.6	0	133.1	\$408	19
Asgrow	AG08X8 §	RRX	0.8	R	<b>47.1</b>	15.4	3	131.2	\$408	20
Titan Pro	TP-06X57	RRX	0.6	MR	<b>46.7</b>	14.9	0	133.6	\$405	21
Thunder	SB8811N	RRX	1.1	R	<b>46.6</b>	15.1	0	132.6	\$403	22
Hefty	H11X8	RRX	1.1	R	<b>46.4</b>	15.4	0	135.0	\$401	23
Proseed	PX714N	RRX	1.4	R	<b>46.3</b>	15.0	0	134.1	\$401	24
Dyna-Gro	S12RY44	RR2Y	1.2	R	<b>46.2</b>	14.7	0	134.6	\$400	25
Thunder	SB8710N	RRX	1.0	R	<b>46.1</b>	14.4	1	127.8	\$400	26
Thunder	3614R2YN	RR2Y	1.4	R	<b>46.1</b>	15.1	5	134.6	\$399	27
Latham	L1386R2X	RRX	1.3	R	<b>46.0</b>	14.8	0	125.4	\$399	28
Hefty	H14X8	RRX	1.4	R	<b>46.0</b>	14.9	0	132.1	\$398	29
NK Brand	S08-M2 §	RRX	0.8	R	<b>45.9</b>	14.7	0	135.5	\$398	30

Averages = **44.6** **14.8** **1** **132.4** **\$386**

LSD (0.10) = 3.5 0.8 ns

LSD (0.25) = 1.8 0.4 ns

C.V. = 7.4 Prev. years avg. yield, 56.0 bu/a, 1 yr

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.70 GMO; \$8.70 non-GMO

**TEST COMMENTS:** *Planting conditions at this plot were near ideal. Randy, our host grower, said that it was very dry up until July 29 and the beans did not look good. After that date, rainfall was more than adequate. The stems and pods were dry at harvest but the beans in the pods were soft.*

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

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Report Date: 10/13/2017 Revised:

**2017 Soybean - Minnesota North Central [ MNNC ]**

**All-Season Test Products (63 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG06X8 §	RRX	0.6	R	ACi	Proseed	PX714N	RRX	1.4	R	CMB
Asgrow	AG08X8 §	RRX	0.8	R	ACi	Renk	RS078NX	RRX	0.7	R	AM,IL
Asgrow	AG11X8 §	RRX	1.1	R	ACi	Renk	RS096NR2	RR2Y	0.9	R	EcTC
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	CMB	Renk	RS118NX	RRX	1.1	R	AM,IL
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	CMB	Renk	RS148NX	RRX	1.4	R	AM,IL
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB	Stine	05RH26 §	RR2Y	0.5	R	SFI
Dyna-Gro	S09XT67	RRX	0.9	R	EQV,Ci	Stine	09RI62 §	RR2Y	0.9	R	SFI
Dyna-Gro	S11XT78	RRX	1.1	R	EQV	Stine	14RD62 §	RR2Y	1.4	R	SFI
Dyna-Gro	S12RY44	RR2Y	1.2	R	EQV,Ci	Thunder	3408R2YN	RR2Y	0.8	R	CMB
Dyna-Gro	S12XT07	RRX	1.2	MR	EQV,Ci	Thunder	3606R2YN	RR2Y	0.6	R	CMB
Golden Harvest	GH1024X	RRX	1.0	MR	CCB,Me	Thunder	3614R2YN	RR2Y	1.4	R	CMB
Golden Harvest	GH1253X	RRX	1.2	R	CCB,Me	Thunder	SB8710N	RRX	1.0	R	CMB
Golden Harvest	GH1486X	RRX	1.4	R	CCB,Me	Thunder	SB8807N	RRX	0.7	R	CMB
Hefty	H06X8	RRX	0.6	R	DST	Thunder	SB8811N	RRX	1.1	R	CMB
Hefty	H08X8	RRX	0.8	R	DST	Thunder	SB8814N	RRX	1.4	R	CMB
Hefty	H09X7	RRX	0.9	R	DST	Titan Pro	TP-06X57	RRX	0.6	MR	IS,IL
Hefty	H11X8	RRX	1.1	R	DST	Titan Pro	TP-08X17	RRX	0.8	MR	IS,IL
Hefty	H12X7	RRX	1.2	MR	DST	Titan Pro	TP-11X37	RRX	1.1	MR	IS,IL
Hefty	H13X7	RRX	1.3	R	DST						
Hefty	H13X8	RRX	1.3	R	DST						
Hefty	H14X8	RRX	1.4	R	DST						
Latham	L0739R2X	RRX	0.7	R	SS+						
Latham	L0858R2X	RRX	0.8	R	CCB,Me						
Latham	L0982R2	RR2Y	0.9	R	SS+						
Latham	L1184R2X	RRX	1.1	R	SS+						
Latham	L1386R2X	RRX	1.3	R	CCB,Me						
Latham	L1438R2	RR2Y	1.4	R	CCB,Me						
Latham	L1454EXGT	BG	1.4	S	SS+						
Latham	L1584R2X	RRX	1.5	R	SS+						
Legacy Seeds	LS-0935NRR2	RR2Y	0.9	R	F,G						
Legacy Seeds	LS-1136NRR2X	RRX	1.1	R	F,G						
Legacy Seeds	LS-1138NRR2X	RRX	1.1	R	F,G						
Legacy Seeds	LS-1338NRR2X	RRX	1.3	R	F,G						
Mustang	06X628	RRX	0.6	R	F,I						
Mustang	08X028	RRX	0.8	R	F,I						
Mustang	12X928	RRX	1.2	R	F,I						
NK Brand	S08-M2 §	RRX	0.8	R	CCB,Me						
NK Brand	S12-R3 §	RR2Y	1.2	R	CCB,Me						
NK Brand	S14-A6 §	RR2Y	1.4	R	CCB,Me						
NorthStar	NS 1492NR2 GC	RR2Y	1.4	R	CCB						
Pioneer	P10T41X §	RRX	1.0	R	EE,G						
Pioneer	P14T70R2 §	RR2Y	1.4	R	EE,G,IL						
Pioneer	P15T83R §	RR	1.5	R	EE,G						
Proseed	PX709N	RRX	0.9	R	CMB						
Proseed	PX711N	RRX	1.1	R	CMB						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer.
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

BG	Balance <sup>™</sup> GT
LL	LibertyLink <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
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 unavailable	Gr+	Great Start <sup>™</sup> Max Plus
A2020	Alert 2020 <sup>™</sup>	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego <sup>™</sup> Solo
AG	ArmourGuard <sup>™</sup>	IS	Intego <sup>™</sup> Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard <sup>™</sup>
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST <sup>™</sup> (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass <sup>™</sup> Plus F/I
CCB	Clariva <sup>™</sup> Complete Beans	None	untreated
CI	Clariva <sup>™</sup> pn	Pd	proTect D <sup>™</sup>
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I <sup>™</sup>
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard + <sup>™</sup>
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance <sup>™</sup> ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
DX	Defend <sup>™</sup> Extra	SDPI	Servo <sup>™</sup> DPI
EcTC	Eclipse <sup>™</sup> US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol <sup>™</sup> Energy	SS	Soyshield <sup>™</sup>
EL	Elevate <sup>™</sup> F+I	SS+	Soyshield Plus <sup>™</sup>
ELV	Elevate <sup>™</sup> VIP (F+I+N)	SStd	SureStand <sup>™</sup>
En	Encase <sup>®</sup>	TE	Trius Elite <sup>™</sup>
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat <sup>™</sup>
Es	Escalate <sup>™</sup>	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaucha <sup>®</sup>	YPP	YP Pro <sup>™</sup>

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