

## 2017 Soybean Top 30 Harvest Report

Minnesota North Central [ MNNC ] WENDELL  
Chad Biss, Grant County, MN 56531



PREV. CROP/HERB: Dry Bean  
SOIL DESCRIPTION: Lakepark-Parnell, Formdale-Langhei clay loam, moderately drained, non-irrigated  
SOIL CONDITIONS: Very high P, high K, 6.7 pH, 4.5% OM, 22.7 CEC  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Flexstar GT  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: May 27 140,000 /A 30" Spacing  
HARVESTED - STAND: Oct 13 133,500 /A

**All-Season Test**  
**Maturity Group 0.6 - 1.5**  
S2017MNNC02

**Top 30 of 63**  
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
Pioneer	P15T83R §	RR	1.5	R	<b>50.4</b>	12.1	0	132.9	\$444	1
Proseed	PX714N	RRX	1.4	R	<b>49.1</b>	11.8	0	135.0	\$432	2
Thunder	SB8814N	RRX	1.4	R	<b>48.5</b>	12.2	0	130.7	\$427	3
Mustang	12X928	RRX	1.2	R	<b>48.2</b>	11.6	0	132.1	\$425	4
Asgrow	AG08X8 §	RRX	0.8	R	<b>47.7</b>	11.9	0	132.1	\$420	5
Legacy Seeds	LS-1136NRR2X	RRX	1.1	R	<b>47.7</b>	11.6	0	135.0	\$420	6
Latham	L0982R2	RR2Y	0.9	R	<b>47.5</b>	12.1	0	133.6	\$418	7
NorthStar	NS 1492NR2 GC	RR2Y	1.4	R	<b>47.4</b>	12.0	0	135.0	\$417	8
Latham	L1584R2X	RRX	1.5	R	<b>47.1</b>	12.0	0	133.6	\$414	9
Proseed	PX711N	RRX	1.1	R	<b>47.1</b>	11.6	0	133.6	\$414	10
Legacy Seeds	LS-1138NRR2X	RRX	1.1	R	<b>47.0</b>	12.0	0	134.3	\$414	11
Asgrow	AG11X8 §	RRX	1.1	R	<b>46.9</b>	11.7	0	133.6	\$413	12
Renk	RS096NR2	RR2Y	0.9	R	<b>46.9</b>	12.0	0	134.3	\$413	13
Stine	14RD62 §	RR2Y	1.4	R	46.8	13.4	0	134.3	\$411	14
Latham	L1438R2	RR2Y	1.4	R	46.7	11.9	0	134.3	\$411	15
NK Brand	S14-A6 §	RR2Y	1.4	R	46.6	12.0	0	132.1	\$410	16
Renk	RS118NX	RRX	1.1	R	46.3	11.8	0	132.1	\$408	17
Renk	RS148NX	RRX	1.4	R	46.3	11.8	0	134.3	\$408	18
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	46.1	12.7	0	133.6	\$406	19
Proseed	PX709N	RRX	0.9	R	46.0	11.5	0	133.6	\$405	20
Thunder	SB8710N	RRX	1.0	R	45.9	11.9	0	135.0	\$404	21
Stine	09RI62 §	RR2Y	0.9	R	45.4	11.9	0	135.8	\$400	22
Latham	L1184R2X	RRX	1.1	R	45.4	11.9	0	132.9	\$400	23
Legacy Seeds	LS-1338NRR2X	RRX	1.3	R	45.3	11.6	2	131.4	\$398	24
Latham	L1386R2X	RRX	1.3	R	45.1	11.7	0	134.3	\$397	25
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	44.6	12.9	0	132.9	\$392	26
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	44.5	12.1	0	131.4	\$392	27
NK Brand	S12-R3 §	RR2Y	1.2	R	44.5	12.0	0	134.3	\$391	28
Mustang	08X028	RRX	0.8	R	44.5	11.4	0	135.0	\$391	29
Titan Pro	TP-06X57	RRX	0.6	MR	44.4	11.9	0	134.3	\$391	30

Averages = **44.1** **11.9** **0** **133.5** **\$388**

LSD (0.10) = 2.8 0.4 0.6

LSD (0.25) = 1.5 0.2 0.3

C.V. = 4.9 New test site, no yield history

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.80 GMO; \$8.80 non-GMO

**TEST COMMENTS:** *This test site is very flat and uniform. The planting and harvesting conditions were nearly perfect. There were no diseases observed in September site visit. During harvest, we noticed that pods on the upper 3" of bean stems across the entire test plot were not filled out and of slightly different color. Chad said that July was dry, August was wet and cool, September was dry and October was wet.*

† 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: 10/14/2017 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™ 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™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard™
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard +™
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase <sup>®</sup>	TE	Trius Elite™
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaicho <sup>®</sup>	YPP	YP Pro™

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