

**2017 Soybean Top 30 Harvest Report**  
 Red River Valley South [ RRSO ] ROTHSAY  
 Ted Petersen, Traverse County, MN 56553



PREV. CROP/HERB: Sugarbeet / Roundup, Nortron, Dual Magnum  
 SOIL DESCRIPTION: Antler clay loam, mod. poor drained, non-irrigated  
 SOIL CONDITIONS: High P, medium K, 8.3 pH, 3.4% OM, 20.2 CEC  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Lorsban, glyphosate  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 10 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 18 134,000 /A

**All-Season Test**  
**Maturity Group 0.6 - 1.4**  
 S2017RRSO01

**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
NK Brand	S12-R3 §	RR2Y	1.2	R	<b>50.5</b>	10.7	1	133.0	\$444	1
Mustang	12X928	RRX	1.2	R	48.8	10.5	1	132.5	\$429	2
Stine	09RI62 §	RR2Y	0.9	R	48.4	10.7	2	131.6	\$425	3
Stine	14RD62 §	RR2Y	1.4	R	48.0	10.6	1	131.6	\$422	4
Legacy Seeds	LS-1138NRR2X	RRX	1.1	R	47.9	10.5	3	132.1	\$421	5
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	47.1	10.2	1	133.9	\$414	6
Prairie Brand	PB-0777R2	RR2Y	0.7	R	46.9	10.7	2	134.9	\$412	7
Latham	L0838R2	RR2Y	0.8	R	46.9	10.6	2	136.7	\$412	8
Dyna-Gro	S09RY64	RR2Y	0.9	R	46.7	10.4	3	136.3	\$410	9
Latham	L0982R2	RR2Y	0.9	R	46.7	10.6	3	133.0	\$410	10
Latham	L1438R2	RR2Y	1.4	R	46.5	10.3	1	133.9	\$409	11
Renk	RS084NR2	RR2Y	0.8	R	46.4	10.6	2	132.5	\$408	12
Hefty	H11X8	RRX	1.1	R	46.0	10.6	1	136.7	\$404	13
Mustang	14X428	RRX	1.4	R	45.8	10.5	1	131.6	\$403	14
Asgrow	AG06X8 §	RRX	0.6	R	45.8	10.4	2	134.9	\$403	15
Prairie Brand	PB-0987R2	RR2Y	0.9	R	45.6	10.7	2	132.5	\$401	16
Stine	13RI32 §	RR2Y	1.3	R	45.4	10.2	1	135.3	\$399	17
Proseed	PX711N	RRX	1.1	R	45.4	10.5	1	134.4	\$399	18
NK Brand	S14-A6 §	RR2Y	1.4	R	45.3	10.7	1	133.9	\$398	19
Dyna-Gro	S11XT78	RRX	1.1	R	44.7	10.7	1	134.9	\$393	20
Prairie Brand	PB-1257R2	RR2Y	1.2	R	44.7	10.7	3	135.3	\$393	21
<b>REA</b>	<b>RX0826</b>	<b>RRX</b>	<b>0.8</b>	<b>MR</b>	<b>44.5</b>	<b>10.6</b>	<b>5</b>	<b>136.7</b>	<b>\$391</b>	<b>22</b>
Proseed	PX709N	RRX	0.9	R	44.3	10.5	1	133.0	\$389	23
Legacy Seeds	LS-1136NRR2X	RRX	1.1	R	43.6	10.7	1	133.0	\$383	24
Thunder	3606R2YN	RR2Y	0.6	R	43.5	10.6	1	133.0	\$382	25
Renk	RS096NR2	RR2Y	0.9	R	43.5	10.7	1	137.2	\$382	26
Asgrow	AG11X8 §	RRX	1.1	R	43.3	10.8	0	135.8	\$381	27
Asgrow	AG08X8 §	RRX	0.8	R	43.3	10.7	1	132.1	\$381	28
Latham	L1184R2X	RRX	1.1	R	43.2	10.7	2	134.9	\$380	29
Proseed	PX707N	RRX	0.7	R	42.9	10.5	4	130.7	\$377	30

Averages = **41.3** **10.7** **1** **134.0** **\$363**

LSD (0.10) = 7.9 ns 1.6

LSD (0.25) = 4.1 0.4 0.9

Luke Brendemuhl

luke.brendemuhl@firstseedtests.com, (218) 790-4497

C.V. = 18.1

New test site, no yield history

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.79 GMO; \$8.79 non-GMO

**TEST COMMENTS:** *Early in the growing season, it was evident that iron chlorosis would be severe. At harvest, some varieties did not mature properly. Some plants still had green pods, others were so malformed they had only two or three pods. Ted, our plot host, had iron chlorosis on a variety with high IDC tolerance in the field surrounding our test. Yield data is variable, high LSD and CV, due to iron chlorosis.*

† 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: 10/19/2017 Revised:

## 2017 Soybean - Red River Valley South [ RRSO ]

### 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	REA	RX0628	RRX	0.6	R	ACi
Asgrow	AG11X8 §	RRX	1.1	R	ACi	REA	RX0826	RRX	0.8	MR	ACi
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	CMB	REA	RX1027	RRX	1.0	R	ACi
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	CMB	REA	RX1226	RRX	1.2	R	ACi
Dyna-Gro	S09RY64	RR2Y	0.9	R	EQV	Renk	RS078NX	RRX	0.7	R	AM,IL
Dyna-Gro	S11XT78	RRX	1.1	R	EQV	Renk	RS084NR2	RR2Y	0.8	R	EcTC
Dyna-Gro	S12RY44	RR2Y	1.2	R	EQV	Renk	RS096NR2	RR2Y	0.9	R	EcTC
Golden Harvest	GH1253X §	RRX	1.2	R	CCB,Me	Renk	RS118NX	RRX	1.1	R	AM,IL
Hefty	H06X8	RRX	0.6	R	DST	Stine	09R162 §	RR2Y	0.9	R	SFI
Hefty	H08X8	RRX	0.8	R	DST	Stine	13R132 §	RR2Y	1.3	R	SFI
Hefty	H09X7	RRX	0.9	R	DST	Stine	14RD62 §	RR2Y	1.4	R	SFI
Hefty	H11X8	RRX	1.1	R	DST	Thunder	3408R2YN	RR2Y	0.8	R	CMB
Hefty	H12X7	RRX	1.2	MR	DST	Thunder	3606R2YN	RR2Y	0.6	R	CMB
Hefty	H13X7	RRX	1.3	R	DST	Thunder	3614R2YN	RR2Y	1.4	R	CMB
Hefty	H13X8	RRX	1.3	R	DST	Thunder	SB8710N	RRX	1.0	R	CMB
Hefty	H14X8	RRX	1.4	R	DST	Thunder	SB8807N	RRX	0.7	R	CMB
Latham	L0739R2X	RRX	0.7	R	SS+	Thunder	SB8811N	RRX	1.1	R	CMB
Latham	L0838R2	RR2Y	0.8	R	SS+						
Latham	L0858R2X	RRX	0.8	R	CCB,Me						
Latham	L0938EXGT	BG	0.9	R	SS+						
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						
Legacy Seeds	LS-0646RRR2	RR2Y	0.6	S	F,G						
Legacy Seeds	LS-0935NRRR2	RR2Y	0.9	R	F,G						
Legacy Seeds	LS-1136NRRR2X	RRX	1.1	R	F,G						
Legacy Seeds	LS-1138NRRR2X	RRX	1.1	R	F,G						
Legacy Seeds	LS-1338NRRR2X	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						
Mustang	14X428	RRX	1.4	R	F,I						
NK Brand	S12-R3 §	RR2Y	1.2	R	CCB,Me						
NK Brand	S14-A6 §	RR2Y	1.4	R	CCB,Me						
Pioneer	P12A59X §	RRX	1.2	R	EE,G						
Pioneer	P14T70R2 §	RR2Y	1.4	R	EE,G,IL						
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CMB						
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CMB						
Prairie Brand	PB-1257R2	RR2Y	1.2	R	CMB						
Proseed	PX706N	RRX	0.6	R	CMB						
Proseed	PX707N	RRX	0.7	R	CMB						
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	Gaucha <sup>®</sup>	YPP	YP Pro™

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