

## 2017 Soybean Top 30 Harvest Report

Red River Valley Central [ RRCE ] BELTRAMI

Ryan Skaug, Polk County, MN 56517



Test by: Brendemuhl Seed Research, LLC, Moorhead, ND

PREV. CROP/HERB: Corn / Roundup  
 SOIL DESCRIPTION: Wheatville sandy loam, mod. poor drained, non-irrigated  
 SOIL CONDITIONS: Very low P, low K, 8.2 pH, 3.0% OM, 22.6 CEC  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Lorsban, glyphosate  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 20 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 8 133,900 /A

**All-Season Test**  
**Maturity Group 0.2 - 0.9**  
 S2017RRCE04

### Top 30 of 60

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
Latham	L0982R2	RR2Y	0.9	R	44.6	10.5	2	133.5	\$376	1
<b>REA</b>	<b>RX0628</b>	<b>RRX</b>	<b>0.6</b>	<b>R</b>	<b>42.4</b>	<b>10.5</b>	<b>2</b>	<b>134.4</b>	<b>\$357</b>	<b>2</b>
Golden Harvest	GH0391 §	RR2Y	0.3	MR	42.1	10.8	1	130.7	\$354	3
Thunder	SB8807N	RRX	0.7	R	41.9	10.5	2	134.4	\$352	4
Stine	03RD66 §	RR2Y	0.3	S	41.7	10.7	1	132.5	\$351	5
Legacy Seeds	LS-0646RR2	RR2Y	0.6	S	41.6	10.8	1	132.5	\$350	6
NorthStar	NS 60442NXR2 §	RRX	0.4	R	41.5	10.4	2	129.3	\$349	7
Latham	L0739R2X	RRX	0.7	R	41.0	10.4	6	133.5	\$345	8
Hefty	H02X7	RRX	0.2	S	40.5	10.3	2	133.0	\$340	9
NK Brand	S03-S6X §	RRX	0.3	S	40.4	10.4	2	130.7	\$339	10
Mustang	08X028	RRX	0.8	R	40.2	10.7	3	133.9	\$338	11
Pioneer	P06A45X §	RRX	0.6	R	40.1	10.2	1	131.1	\$337	12
Dyna-Gro	S05XT88	RRX	0.5	MR	39.7	10.4	4	135.3	\$333	13
Thunder	3505R2YN	RR2Y	0.5	R	39.7	10.8	3	132.1	\$333	14
Renk	RS078NX	RRX	0.7	R	39.6	10.7	1	131.1	\$332	15
Dyna-Gro	S07RY45	RR2Y	0.7	R	39.5	10.5	3	133.5	\$331	16
Asgrow	AG02X8 §	RRX	0.2	S	39.5	10.2	2	134.4	\$331	17
Peterson Seed	13R03 GC	RR2Y	0.3	S	39.4	10.5	3	135.3	\$331	18
Hefty	H03X7	RRX	0.3	R	39.1	10.7	3	136.7	\$328	19
Hefty	H08X8	RRX	0.8	R	39.0	10.7	3	136.3	\$327	20
Hefty	H04X8	RRX	0.4	R	38.9	10.5	2	135.3	\$326	21
Proseed	PX707N	RRX	0.7	R	38.8	10.8	3	134.4	\$326	22
Thunder	3606R2YN	RR2Y	0.6	R	38.7	10.6	3	133.5	\$324	23
Dyna-Gro	S07XT28	RRX	0.7	R	38.5	10.7	1	131.1	\$323	24
Asgrow	AG03X7 §	RRX	0.3	R	38.5	10.3	1	136.3	\$322	25
Asgrow	AG06X8 §	RRX	0.6	R	38.4	10.6	2	131.6	\$322	26
Proseed	PX706N	RRX	0.6	R	38.4	10.5	3	134.9	\$322	27
Hefty	H06X8	RRX	0.6	R	38.4	10.6	4	134.9	\$322	28
<b>REA</b>	<b>RX0228</b>	<b>RRX</b>	<b>0.2</b>	<b>R</b>	<b>38.3</b>	<b>10.6</b>	<b>1</b>	<b>130.7</b>	<b>\$321</b>	<b>29</b>
Prairie Brand	PB-0578R2	RR2Y	0.5	MR	38.3	10.8	6	136.7	\$321	30

Averages = 37.8 10.6 3 133.9 \$316

LSD (0.10) = 3.3 0.2 2.0

LSD (0.25) = 1.8 0.1 1.1

Luke Brendemuhl

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C.V. = 8.8

Prev. years avg. yield, 46.4 bu/a, 1 yr

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

**TEST COMMENTS:** *Our host grower, Ryan gave us another excellent plot location this year. This location was the last plot planted this season and it started to rain right as we finished planting. Weather conditions were very dry, receiving around 0.9 inch of rain from June through August. In September, rainfall of 5 inches was received. Ryan said that yield was above 40 bu/acre for this specific field.*

† 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: 10/09/2017 Revised:

**2017 Soybean - Red River Valley Central [ RRCE ]**

**All-Season Test Products (60 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG02X8 §	RRX	0.2	S	ACi
Asgrow	AG03X7 §	RRX	0.3	R	ACi
Asgrow	AG06X8 §	RRX	0.6	R	ACi
Dairyland	DSR-0807/R2Y	RR2Y	0.8	S	CMB
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	CMB
Dyna-Gro	S05XT88	RRX	0.5	MR	EQV
Dyna-Gro	S07RY45	RR2Y	0.7	R	EQV
Dyna-Gro	S07XT28	RRX	0.7	R	EQV
Golden Harvest	GH0391 §	RR2Y	0.3	MR	CCB,Me
Golden Harvest	GH0674X §	RRX	0.6	S	CCB,Me
Hefty	H02X7	RRX	0.2	S	None
Hefty	H03X7	RRX	0.3	R	None
Hefty	H03X8	RRX	0.3	R	DST
Hefty	H04X8	RRX	0.4	R	DST
Hefty	H06X8	RRX	0.6	R	DST
Hefty	H08X8	RRX	0.8	R	DST
Hefty	H09X7	RRX	0.9	R	DST
Latham	L0438R2X	RRX	0.4	R	CCB,Me
Latham	L0485R2	RR2Y	0.4	R	CCB,Me
Latham	L0535R2X	RRX	0.5	MR	CCB,Me
Latham	L0739R2X	RRX	0.7	R	SS+
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+
Legacy Seeds	LS-0646RR2	RR2Y	0.6	S	F,G
Mustang	04X728	RRX	0.4	R	F,I
Mustang	06X628	RRX	0.6	R	F,I
Mustang	08X028	RRX	0.8	R	F,I
NK Brand	S03-S6X §	RRX	0.3	S	CCB,Me
NorthStar	NS 60442NXR2 §	RRX	0.4	R	CCB
Peterson Seed	13R03 GC	RR2Y	0.3	S	ACi
Peterson Seed	17X04N GC	RRX	0.4	R	ACi
Peterson Seed	17X09N GC	RRX	0.9	R	ACi
Pioneer	P05A93X §	RRX	0.5	R	EE,G
Pioneer	P06A45X §	RRX	0.6	R	EE,G
Pioneer	P08A72X §	RRX	0.8	R	EE,G
Prairie Brand	PB-0397R2	RR2Y	0.3	S	CMB
Prairie Brand	PB-0578R2	RR2Y	0.5	MR	CMB
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CMB
Proseed	PX706N	RRX	0.6	R	CMB
Proseed	PX707N	RRX	0.7	R	CMB
Proseed	XT60-04N	RRX	0.4	R	CMB
REA	RX0228	RRX	0.2	R	ACi
REA	RX0327	RRX	0.3	R	ACi

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
REA	RX0516	RRX	0.5	R	ACi
REA	RX0628	RRX	0.6	R	ACi
Renk	RS033R2	RR2Y	0.3	S	None
Renk	RS058NX	RRX	0.5	R	None
Renk	RS078NX	RRX	0.7	R	AM,IL
Renk	RS084NR2	RR2Y	0.8	R	EcTC
Stine	03RD66 §	RR2Y	0.3	S	SFI
Stine	09RI62 §	RR2Y	0.9	R	SFI
Thunder	3408R2YN	RR2Y	0.8	R	CMB
Thunder	3503R2Y	RR2Y	0.3	S	CMB
Thunder	3505R2YN	RR2Y	0.5	R	CMB
Thunder	3606R2YN	RR2Y	0.6	R	CMB
Thunder	SB8703	RRX	0.3	S	CMB
Thunder	SB8805N	RRX	0.5	R	CMB
Thunder	SB8807N	RRX	0.7	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.