

## 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, MN

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	<b>44.6</b>	10.5	2	133.5	\$376	1
REA	RX0628	RRX	0.6	R	<b>42.4</b>	10.5	2	134.4	\$357	2
Golden Harvest	GH0391 §	RR2Y	0.3	MR	<b>42.1</b>	10.8	1	130.7	\$354	3
Thunder	SB8807N	RRX	0.7	R	<b>41.9</b>	10.5	2	134.4	\$352	4
Stine	03RD66 §	RR2Y	0.3	S	<b>41.7</b>	10.7	1	132.5	\$351	5
Legacy Seeds	LS-0646RR2	RR2Y	0.6	S	<b>41.6</b>	10.8	1	132.5	\$350	6
NorthStar	NS 60442NXR2 §	RRX	0.4	R	<b>41.5</b>	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
REA	RX0228	RRX	0.2	R	38.3	10.6	1	130.7	\$321	29
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

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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:



## 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	Gaicho <sup>®</sup>	YPP	YP Pro <sup>™</sup>

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