

## 2017 Soybean Top 30 Harvest Report

Red River Valley Central [ RRCE ] MOORHEAD  
Curtis Brendemuhl, Clay County, MN 56560



PREV. CROP/HERB: Corn / Capreno, atrazine  
SOIL DESCRIPTION: Fargo silty clay, poor drained, non-irrigated  
SOIL CONDITIONS: Low P, very high K, 6.9 pH, 4.9% OM, 30.1 CEC  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Authority MTZ, Dual II Magnum, Lorsban, glyphosate  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: May 11 140,000 /A 30" Spacing  
HARVESTED - STAND: Oct 9 133,700 /A

**All-Season Test**  
**Maturity Group 0.2 - 0.9**  
S2017RRCE01

**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	56.7	9.2	3	136.7	\$498	1
Dyna-Gro	S07RY45	RR2Y	0.7	R	55.9	9.2	4	133.9	\$491	2
Prairie Brand	PB-0777R2	RR2Y	0.7	R	55.0	9.2	7	131.6	\$483	3
Peterson Seed	13R03 GC	RR2Y	0.3	S	53.9	9.0	2	133.9	\$474	4
Mustang	08X028	RRX	0.8	R	53.6	9.2	5	134.4	\$471	5
Stine	09RI62 §	RR2Y	0.9	R	53.4	9.2	2	131.6	\$469	6
Latham	L0739R2X	RRX	0.7	R	53.4	9.2	3	133.0	\$469	7
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	53.4	9.1	7	133.9	\$469	8
Hefty	H08X8	RRX	0.8	R	53.3	9.3	2	136.3	\$469	9
Thunder	3408R2YN	RR2Y	0.8	R	52.3	9.1	10	132.5	\$460	10
Dyna-Gro	S07XT28	RRX	0.7	R	52.0	9.2	6	135.8	\$457	11
Renk	RS084NR2	RR2Y	0.8	R	51.6	9.2	4	131.6	\$454	12
Peterson Seed	17X09N GC	RRX	0.9	R	51.5	9.3	2	135.3	\$453	13
Mustang	06X628	RRX	0.6	R	51.4	9.1	2	129.7	\$452	14
Latham	L0838R2	RR2Y	0.8	R	50.7	9.0	2	136.7	\$446	15
Proseed	PX706N	RRX	0.6	R	50.6	9.3	2	133.5	\$445	16
Hefty	H06X8	RRX	0.6	R	50.5	9.3	3	136.3	\$444	17
Renk	RS078NX	RRX	0.7	R	50.2	9.0	1	133.5	\$441	18
Asgrow	AG06X8 §	RRX	0.6	R	50.1	9.3	5	131.1	\$440	19
Latham	L0858R2X	RRX	0.8	R	50.0	9.2	2	136.3	\$440	20
Proseed	PX707N	RRX	0.7	R	49.3	9.2	1	131.1	\$433	21
Hefty	H09X7	RRX	0.9	R	49.3	9.2	3	132.5	\$433	22
Thunder	SB8807N	RRX	0.7	R	49.1	9.2	5	131.1	\$432	23
Legacy Seeds	LS-0646RR2	RR2Y	0.6	S	48.7	9.3	1	132.1	\$428	24
<b>REA</b>	<b>RX0628</b>	<b>RRX</b>	<b>0.6</b>	<b>R</b>	<b>48.7</b>	<b>8.9</b>	<b>3</b>	<b>133.0</b>	<b>\$428</b>	<b>25</b>
Latham	L0535R2X	RRX	0.5	MR	48.6	8.9	7	134.4	\$427	26
Latham	L0938EXGT	BG	0.9	R	48.4	9.3	1	134.4	\$425	27
Asgrow	AG02X8 §	RRX	0.2	S	47.5	8.8	1	135.8	\$418	28
Prairie Brand	PB-0578R2	RR2Y	0.5	MR	47.5	9.2	2	134.4	\$418	29
Dairyland	DSR-0807/R2Y	RR2Y	0.8	S	47.5	9.1	3	129.3	\$418	30

Averages = 48.0 9.1 3 133.7 \$422

LSD (0.10) = 2.9 0.1 3.0

LSD (0.25) = 1.5 0.1 1.6

Luke Brendemuhl

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C.V. = 5.7

Prev. years avg. yield, 37.6 bu/a, 3 yrs

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

**TEST COMMENTS:** *The test site in Moorhead had its challenges this year. This summer was on the dry side with very minimal rain between the second week of August through mid-September. The site also received pea sized hail in mid-June, but fortunately the small size and the lack of wind during the hail event caused minimal damage. All things considered, this test site still yielded very well.*

† 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: 10/10/2017 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™ 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.