

## 2017 Soybean Top 30 Harvest Report

Red River Valley North [ RRNO ] FOREST RIVER  
Kevin Zikmund, Walsh County, ND 58233



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

PREV. CROP/HERB: Corn / Roundup, Clarity, Banvel, SureStart  
SOIL DESCRIPTION: Gilby loam, mod. poor drained, non-irrigated  
SOIL CONDITIONS: Very high P, low K, 7.8 pH, 2.1% OM, 15.9 CEC  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: glyphosate, Lorsban  
APPLIED N-P-K (units): 0-0-0  
SEEDED - RATE - ROW: May 18 140,000 /A 30" Spacing  
HARVESTED - STAND: Oct 5 133,800 /A

**All-Season Test**  
**Maturity Group 0.07 - 0.4**  
S2017RRNO01

### 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
Dyna-Gro	S04XT77	RRX	0.4	R	<b>53.0</b>	11.9	0	132.5	\$466	1
REA	RX0327	RRX	0.3	R	<b>49.6</b>	11.4	0	134.4	\$436	2
REA	RX0228	RRX	0.2	R	<b>49.5</b>	11.4	0	133.0	\$435	3
Pioneer	P03T68R2 §	RR2Y	0.3	MR	49.0	11.5	0	133.0	\$431	4
NorthStar	NS 60442NXR2 GC	RRX	0.4	R	49.0	11.1	0	130.2	\$430	5
Latham	L0485R2	RR2Y	0.4	R	48.8	13.4	0	135.3	\$429	6
Hefty	H04X8	RRX	0.4	R	48.6	13.0	0	133.5	\$427	7
Pioneer	P02A33X §	RRX	0.2	S	48.4	13.8	0	136.3	\$424	8
Prairie Brand	PB-0146R2	RR2Y	0.1	R	48.2	11.0	0	133.9	\$424	9
Golden Harvest	GH0145X	RRX	0.1	S	48.1	11.4	0	133.9	\$423	10
Golden Harvest	GH00866	RR2Y	0.08	S	47.9	11.5	0	134.9	\$421	11
Dairyland	DSR-0418/R2Y	RR2Y	0.4	R	47.9	12.7	0	131.1	\$421	12
Prairie Brand	PB-00856R2	RR2Y	0.09	R	47.4	11.7	0	132.5	\$416	13
Thunder	36008R2YN	RR2Y	0.08	R	47.3	11.7	0	133.9	\$416	14
Thunder	SB8703	RRX	0.3	S	47.0	12.6	0	134.4	\$413	15
Asgrow	AG03X7 §	RRX	0.3	R	46.7	12.7	0	132.1	\$410	16
NorthStar	NS 60082NXR2 GC	RRX	0.08	R	46.7	11.6	0	132.1	\$410	17
NK Brand	S01-C4X §	RRX	0.1	S	46.6	11.6	0	132.5	\$410	18
Proseed	50-10	RR2Y	0.1	S	46.5	11.3	0	131.6	\$409	19
Dairyland	DST00-003/R2Y	RR2Y	0.0	S	46.5	11.1	0	134.4	\$409	20
Proseed	XT60-04N	RRX	0.4	R	46.4	11.4	0	130.2	\$407	21
NK Brand	S009-J1 §	RR2Y	0.09	S	46.3	11.3	0	133.5	\$407	22
Latham	L0152R2	RR2Y	0.1	MR	46.2	11.2	0	134.9	\$406	23
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	46.2	10.9	0	133.5	\$406	24
Mustang	00X828	RRX	0.08	R	46.1	11.7	0	131.1	\$405	25
Hefty	H03X7	RRX	0.3	R	46.0	11.4	0	133.5	\$404	26
NorthStar	NS 0072R2 §	RR2Y	0.07	S	45.9	11.2	0	133.0	\$403	27
Asgrow	AG02X8 §	RRX	0.2	S	45.8	11.2	0	133.9	\$403	28
NorthStar	NS 0111R2 GC	RR2Y	0.1	S	45.6	11.7	0	134.4	\$401	29
Thunder	3503R2Y	RR2Y	0.3	S	44.9	12.4	0	132.5	\$394	30

Averages = **44.7** **11.8** **0** **133.8** **\$393**

LSD (0.10) = 4.6 0.8 ns

LSD (0.25) = 2.4 0.4 ns

C.V. = 9.7

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:** *Kevin Zikmund, our host grower, placed the test in a field that he said has a very rich manure history to it. There was some early season grass weed pressure but Kevin did an excellent job of controlling these weeds. I do not believe they had any lasting effects in the plot. Late season dry weather conditions reduced the top end yield potential of this crop.*

† 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: 10/06/2017 Revised:

## 2017 Soybean - Red River Valley North [ RRNO ]

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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG008X7 §	RRX	0.08	R	ACi	Proseed	XT60-04N	RRX	0.4	R	CMB
Asgrow	AG02X8 §	RRX	0.2	S	ACi	Proseed	XT60-09	RRX	0.09	S	CMB
Asgrow	AG03X7 §	RRX	0.3	R	ACi	REA	R00727	RR2Y	0.07	S	ACi
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	CMB	REA	RX00738	RRX	0.07	S	ACi
Dairyland	DSR-0418/R2Y	RR2Y	0.4	R	CMB	REA	RX0228	RRX	0.2	R	ACi
Dairyland	DSR-C918/R2Y	RR2Y	0.09	S	CMB	REA	RX0327	RRX	0.3	R	ACi
Dairyland	DST00-003/R2Y	RR2Y	0.0	S	CMB	Stine	01RE00 §	RR2Y	0.1	S	None
Dyna-Gro	S009XT68	RRX	0.09	S	EQV	Stine	03RD66 §	RR2Y	0.3	S	SFI
Dyna-Gro	S03RY36	RR2Y	0.3	S	EQV	Thunder	3503R2Y	RR2Y	0.3	S	CMB
Dyna-Gro	S04XT77	RRX	0.4	R	EQV	Thunder	36008R2YN	RR2Y	0.08	R	CMB
Golden Harvest	GH00866	RR2Y	0.08	S	CCB,Me	Thunder	3601R2Y	RR2Y	0.1	S	CMB
Golden Harvest	GH0145X	RRX	0.1	S	CCB,Me	Thunder	ASTRO	RR2Y	0.08	S	CMB
Hefty	H007X7	RRX	0.07	R	None	Thunder	SB87009	RRX	0.09	S	CMB
Hefty	H008X8	RRX	0.08	R	DST	Thunder	SB8703	RRX	0.3	S	CMB
Hefty	H009X7	RRX	0.09	S	None	Thunder	SB88007N	RRX	0.07	R	CMB
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						
Latham	L0124R2X	RRX	0.1	S	CCB,Me						
Latham	L0143R2	RR2Y	0.1	S	SS+						
Latham	L0152R2	RR2Y	0.1	MR	SS+						
Latham	L0235R2	RR2Y	0.2	S	SS+						
Latham	L0256R2	RR2Y	0.2	S	SS+						
Latham	L0263R2X	RRX	0.2	S	SS+						
Latham	L0438R2X	RRX	0.4	R	CCB,Me						
Latham	L0485R2	RR2Y	0.4	R	CCB,Me						
Mustang	00X828	RRX	0.08	R	F,I						
Mustang	04X728	RRX	0.4	R	F,I						
NK Brand	S007-Y4 §	RR2Y	0.05	S	CCB,Me						
NK Brand	S009-J1 §	RR2Y	0.09	S	CCB,Me						
NK Brand	S01-C4X §	RRX	0.1	S	CCB,Me						
NorthStar	NS 0072R2 §	RR2Y	0.07	S	CCB						
NorthStar	NS 0090R2 GC	RR2Y	0.09	S	CCB						
NorthStar	NS 0111R2 GC	RR2Y	0.1	S	CCB						
NorthStar	NS 60082NXR2 GC	RRX	0.08	R	CCB						
NorthStar	NS 60092XR2 GC	RRX	0.09	S	CCB						
NorthStar	NS 60442NXR2 GC	RRX	0.4	R	CCB						
Pioneer	P007A90R §	RR	0.07	R	EE,G,IL						
Pioneer	P02A33X §	RRX	0.2	S	EE,G						
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G						
Prairie Brand	PB-00856R2	RR2Y	0.09	R	None						
Prairie Brand	PB-0146R2	RR2Y	0.1	R	CMB						
Proseed	50-10	RR2Y	0.1	S	CMB						
Proseed	PX7009N	RRX	0.09	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.