

## 2017 Soybean Top 30 Harvest Report

Red River Valley North [ RRNO ] HALMA  
Kris Folland, Kittson County, MN 56729



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

PREV. CROP/HERB: Corn / Roundup PowerMax  
SOIL DESCRIPTION: Ulen/Poppleton sandy loam, moderately drained, non-irrigated  
SOIL CONDITIONS: Medium P, low K, 8.3 pH, 2.9% OM, 16.2 CEC  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Roundup PowerMax  
APPLIED N-P-K (units): 7-35-35  
SEEDED - RATE - ROW: May 12 140,000 /A 30" Spacing  
HARVESTED - STAND: Oct 6 133,000 /A

**All-Season Test**  
**Maturity Group 0.07 - 0.4**  
S2017RRNO04

### 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
<b>REA</b>	<b>R00727</b>	<b>RR2Y</b>	<b>0.07</b>	<b>S</b>	<b>33.9</b>	<b>12.7</b>	<b>1</b>	<b>131.1</b>	<b>\$298</b>	<b>1</b>
NorthStar	NS 0090R2 GC	RR2Y	0.09	S	33.2	12.5	2	133.0	\$292	2
Hefty	H04X8	RRX	0.4	R	32.3	13.5	2	132.5	\$284	3
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	31.2	12.7	1	133.0	\$274	4
Asgrow	AG03X7 §	RRX	0.3	R	31.2	12.5	3	131.6	\$274	5
NorthStar	NS 60092XR2 GC	RRX	0.09	S	30.0	12.8	2	134.9	\$264	6
Proseed	XT60-04N	RRX	0.4	R	29.4	12.5	2	134.9	\$258	7
NK Brand	S009-J1 §	RR2Y	0.09	S	28.4	12.6	1	130.2	\$250	8
Thunder	SB87009	RRX	0.09	S	28.0	12.6	1	131.6	\$246	9
Dairyland	DST00-003/R2Y	RR2Y	0.0	S	27.9	12.5	1	136.7	\$245	10
Latham	L0263R2X	RRX	0.2	S	27.5	12.8	1	137.2	\$242	11
Dairyland	DSR-0418/R2Y	RR2Y	0.4	R	27.4	13.1	1	133.5	\$241	12
NorthStar	NS 60442NXR2 GC	RRX	0.4	R	27.3	12.2	2	133.0	\$240	13
Golden Harvest	GH00866	RR2Y	0.08	S	27.3	12.4	2	133.0	\$240	14
Prairie Brand	PB-0146R2	RR2Y	0.1	R	27.1	12.6	1	131.1	\$238	15
Thunder	3601R2Y	RR2Y	0.1	S	26.8	12.8	1	136.3	\$236	16
NK Brand	S007-Y4 §	RR2Y	0.05	S	26.3	11.7	2	137.2	\$231	17
Dairyland	DSR-C918/R2Y	RR2Y	0.09	S	26.2	12.4	1	130.7	\$230	18
Latham	L0485R2	RR2Y	0.4	R	26.2	12.8	1	131.6	\$230	19
Proseed	XT60-09	RRX	0.09	S	25.8	12.7	1	134.4	\$227	20
Dyna-Gro	S03RY36	RR2Y	0.3	S	25.6	12.4	2	131.6	\$225	21
Proseed	PX7009N	RRX	0.09	R	25.3	12.3	1	130.2	\$222	22
NorthStar	NS 0111R2 GC	RR2Y	0.1	S	25.2	12.8	1	135.8	\$222	23
Dyna-Gro	S04XT77	RRX	0.4	R	24.9	12.1	1	132.1	\$219	24
Golden Harvest	GH0145X	RRX	0.1	S	24.8	12.4	1	133.0	\$218	25
Hefty	H009X7	RRX	0.09	S	24.6	12.2	1	131.1	\$216	26
Hefty	H008X8	RRX	0.08	R	24.6	12.7	1	134.9	\$216	27
Thunder	ASTRO	RR2Y	0.08	S	24.3	13.0	1	133.0	\$214	28
Thunder	SB88007N	RRX	0.07	R	24.2	12.7	1	132.5	\$213	29
NK Brand	S01-C4X §	RRX	0.1	S	23.9	12.5	1	133.5	\$210	30

Averages = 23.2 12.5 1 133.0 \$204

LSD (0.10) = 6.3 0.7 ns

LSD (0.25) = 3.3 0.3 ns

C.V. = 25.8 Prev. years avg. yield, 43.5 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:** *This test site experienced cooler temperatures in May, followed by at least a couple of months with very limited rainfall, then followed by a wet August. White mold was observed in the test, inconsistently impacting certain varieties more than others. Plant roots were minimal in diseased areas too. Nearly all varieties had empty pods in the upper plant. Yields are variable due to white mold impact.*

† 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: 10/07/2017 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	Gaicho <sup>®</sup>	YPP	YP Pro™

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