

**2018 Soybean Top 30 Harvest Report**  
 Red River Valley North [ RRNO ] CAVALIER  
 Kent Schluchter, Pembina County, ND 58220



PREV. CROP/HERB: Wheat / Husky Complete, Affinity  
 SOIL DESCRIPTION: Fargo silty clay, poor drained, non-irrigated  
 SOIL CONDITIONS: Very high P, very high K, 7.5 pH, 4.7% OM, 29.5 CEC  
 TILLAGE/CULTIVATION: Minimum w/o fall till  
 PEST MANAGEMENT: Roundup, Mad Dog  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 21 140,000 /A 30" Spacing  
 HARVESTED - STAND: Sep 30 134,500 /A

**All-Season Test**  
**Maturity Group 00.7 - 0.4**  
 S2018RRNO01

**Top 30 of 54**  
 For Gross Income (Sorted by Yield)  
 Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH0391	RR2Y	0.3	MR	<b>43.2</b>	15.0	1	133.7	\$291	1
Hefty	H04X8	RRX	0.4	MR	<b>43.0</b>	14.6	1	132.3	\$290	2
Prairie Brand	PB-00928R2	RR2Y	00.9	S	<b>39.6</b>	13.9	0	135.8	\$268	3
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	<b>38.7</b>	14.6	1	136.5	\$261	4
NK Brand	S03-G9 §	RR2Y	0.3	MR	37.5	15.0	1	133.0	\$253	5
Golden Harvest	GH0145X	RRX	0.1	S	37.5	15.1	2	135.8	\$253	6
Thunder	SB87009	RRX	00.9	S	37.3	14.6	1	135.1	\$252	7
Legacy Seeds	LS-00737NRR2X GC	RRX	00.7	R	37.2	14.6	1	132.3	\$251	8
Golden Harvest	GH00866	RR2Y	00.8	S	36.9	13.5	1	135.1	\$250	9
Legacy Seeds	LS-0135RR2 §	RR2Y	00.9	S	36.9	14.3	5	134.4	\$249	10
Hefty	H02X9	RRX	0.2	MR	36.6	14.8	3	134.4	\$247	11
Asgrow	AG00937 §	RR2Y	00.9	S	36.3	13.5	0	134.4	\$246	12
Dairyland	DSR-0240/R2Y	RR2Y	0.2	S	36.3	14.5	0	131.6	\$245	13
Asgrow	AG02X8 §	RRX	0.2	S	36.3	14.7	1	136.5	\$245	14
Dyna-Gro	S009XT68	RRX	00.9	S	36.3	15.0	3	136.5	\$245	15
Mustang	02356	RR2Y	0.2	S	36.2	14.7	3	134.4	\$244	16
Hefty	H02X7	RRX	0.2	S	36.0	14.9	1	135.8	\$243	17
Thunder	ASTRO	RR2Y	00.8	S	35.2	14.7	1	135.1	\$237	18
Dyna-Gro	S04XT77	RRX	0.4	R	35.2	14.7	1	137.2	\$237	19
Golden Harvest	GH0339X	RRX	0.3	S	34.8	14.8	1	133.0	\$235	20
Mustang	02X388	RRX	0.2	S	34.8	14.9	1	134.4	\$235	21
Dairyland	DSR-C999/R2Y	RR2Y	00.9	S	34.7	13.8	1	132.3	\$235	22
Mycogen	5B033R2 §	RR2Y,ST	0.3	S	34.6	14.7	0	137.9	\$233	23
Latham	L0485R2	RR2Y	0.4	R	34.2	14.9	1	135.1	\$231	24
NK Brand	S03-S6X §	RRX	0.3	S	34.2	15.0	3	137.9	\$231	25
Hefty	H009X7	RRX	00.9	S	34.1	14.8	1	136.5	\$230	26
Thunder	36008R2YN	RR2Y	00.8	R	33.9	14.6	0	138.6	\$229	27
Dyna-Gro	S03XT29	RRX	0.3	R	33.8	14.9	1	133.0	\$228	28
Asgrow	AG03X7 §	RRX	0.3	R	33.7	14.0	1	135.1	\$228	29
Legacy Seeds	LS-0337NRR2X §	RRX	0.3	R	33.7	14.7	1	133.0	\$227	30

Averages = **34.3** **14.7** **1** **134.5** **\$232**

LSD (0.10) = 3.6 0.3 ns

LSD (0.25) = 1.9 0.2 ns

C.V. = 8.0

New test site, no yield history

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$6.78 GMO; \$6.78 non-GMO

**TEST COMMENTS:** *Excellent yield at this site, considering how dry the growing season was. The location was an estimated 34% drier than the 10-year average. The driest portion of the season ran from mid-July through late August. Harvest has been going slowly, due to persistent cold damp weather. One highly variable rep removed to improve test yield inconsistency caused by dry conditions.*

† 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: 10/01/2018 Revised:

## 2018 Soybean - Red River Valley North [ RRNO ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG00937 §	RR2Y	00.9	S	AC,PV	REA	RX0228	RRX	0.2	R	AC,PV
Asgrow	AG02X8 §	RRX	0.2	S	AC,PV	REA	RX0327	RRX	0.3	R	AC,PV
Asgrow	AG03X7 §	RRX	0.3	R	AC,PV	Thunder	3503R2Y	RR2Y	0.3	S	Ret
Dahlman	5601RR2Y	RR2Y	0.1	S	None	Thunder	36008R2YN	RR2Y	00.8	R	Ret
Dahlman	6703XN	RRX	0.3	R	None	Thunder	3601R2Y	RR2Y	0.1	S	Ret
Dahlman	6903XN	RRX	0.3	R	None	Thunder	ASTRO	RR2Y	00.8	S	Ret
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	CMB	Thunder	SB87009	RRX	00.9	S	Ret
Dairyland	DSR-0240/R2Y	RR2Y	0.2	S	CMB	Thunder	SB88007N	RRX	00.7	R	Ret
Dairyland	DSR-0418/R2Y	RR2Y	0.4	MR	CMB	Thunder	SB8903N	RRX	0.3	R	Ret
Dairyland	DSR-C999/R2Y	RR2Y	00.9	S	CMB						
Dyna-Gro	S009XT68	RRX	00.9	S	EQV						
Dyna-Gro	S03XT29	RRX	0.3	R	EQV						
Dyna-Gro	S04XT77	RRX	0.4	R	EQV						
Golden Harvest	GH00866	RR2Y	00.8	S	CCB,Me						
Golden Harvest	GH0145X	RRX	0.1	S	CCB,Me						
Golden Harvest	GH0339X	RRX	0.3	S	CCB,Me						
Golden Harvest	GH0391	RR2Y	0.3	MR	CCB,Me						
Hefty	H008X8	RRX	00.8	MR	DST						
Hefty	H009X7	RRX	00.9	S	DST						
Hefty	H02X7	RRX	0.2	S	None						
Hefty	H02X9	RRX	0.2	MR	DST						
Hefty	H03X8	RRX	0.3	MR	DST						
Hefty	H04X8	RRX	0.4	MR	DST						
Latham	L00828R2X	RRX	00.8	R	SS+						
Latham	L0124R2X	RRX	0.1	S	SS+						
Latham	L0282R2X	RRX	0.2	R	SS+						
Latham	L0485R2	RR2Y	0.4	R	SS+						
Legacy Seeds	LS-00737NRR2X GC	RRX	00.7	R	?						
Legacy Seeds	LS-0135RR2 §	RR2Y	00.9	S	?						
Legacy Seeds	LS-0237RR2X §	RRX	0.2	S	?						
Legacy Seeds	LS-0337NRR2X §	RRX	0.3	R	?						
Legacy Seeds	LS-0438RR2X §	RRX	0.4	S	?						
Mustang	00726	RR2Y	00.7	R	None						
Mustang	02356	RR2Y	0.2	S	F,I						
Mustang	02X388	RRX	0.2	S	F,I						
Mustang	03x329	RRX	0.3	R	F,I						
Mustang	04X728	RRX	0.4	R	F,I						
Mycogen	5B024R2 §	RR2Y	0.2	S	CCB						
Mycogen	5B033R2 §	RR2Y,ST	0.3	S	CCB						
NK Brand	S01-C4X §	RRX	0.1	S	AVBV						
NK Brand	S03-G9 §	RR2Y	0.3	MR	CCB,Me						
NK Brand	S03-S6X §	RRX	0.3	S	CCB,Me						
Prairie Brand	PB-00928R2	RR2Y	00.9	S	CMB						
Proseed	XT60-40N	RRX	0.4	R	CMB						
REA	RX00749	RRX	00.7	R	AC,PV						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
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 not provided	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron® fungicide products	IL	ILeVO®
ACi	Acceleron® fungicide and insecticide products	In	Intego™ Solo
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

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