

**2018 Soybean Top 30 Harvest Report**  
 Red River Valley North [ RRNO ] KARLSTAD  
 Kris Folland, Kittson County, MN 56729



PREV. CROP/HERB: Corn / Roundup PowerMax  
 SOIL DESCRIPTION: Poppleton sand, mod. well drained, non-irrigated  
 SOIL CONDITIONS: Very high P, medium K, 7.2 pH, 2.4% OM, 12.5 CEC  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Roundup PowerMax  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 23 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 23 134,500 /A

**All-Season Test**  
**Maturity Group 00.7 - 0.4**  
 S2018RRNO03

**Top 30 of 54**  
 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
Dekalb	6019R2V	RR2V	0.1	0	269	12.3	0	132.1	\$190	1
Agro	A20007 g	RR2V	0.9	0	267	12.3	0	132.6	\$201	2
Thunder	A2780	RR2V	0.8	0	269	12.2	0	135.3	\$196	3
Dekalb	6020R	RR0	0.3	R	269	12.1	3	131.6	\$196	4
Agro	A2021 g	RR0	0.2	0	274	12.1	0	136.7	\$187	5
Thunder	301R2V	RR2V	0.1	0	271	12.1	0	137.2	\$196	6
M Brand	301-C40 g	RR0	0.1	0	272	12.1	0	137.4	\$194	7
Manager	302R2 g	RR2V	0.2	0	272	12.1	0	137.4	\$194	8
Holly	40007	RR0	0.9	0	278	12.2	0	137.5	\$183	9
Legacy Seeds	LS-0117R021 g	RR0	0.2	0	279	12.1	0	137.6	\$183	10
Musang	02306	RR2V	0.2	0	262	12.1	0	136.3	\$178	11
Manager	3001R2 g	RR2V 27	0.3	0	264	12.1	0	133.8	\$174	12
Thunder	301R2V	RR2V	0.3	0	264	11.8	0	136.3	\$189	13
REA	R10228	RR0	0.2	R	269	12.1	0	134.4	\$189	14
Thunder	300700	RR0	0.9	0	269	12.1	0	134.9	\$189	15
Musang	021300	RR0	0.2	0	263	11.9	0	136.7	\$190	16
Golden Harvest	040006	RR0	0.1	0	242	11.8	0	133.6	\$194	17
Daryland	D196-0205R2V	RR2V	0.2	0	242	12.0	0	137.2	\$194	18
M Brand	301-C40 g	RR2V	0.1	0	241	12.3	0	132.6	\$193	19
Holly	40100	RR0	0.1	0	240	12.0	0	135.8	\$193	20
Dekalb	670301	RR0	0.3	R	240	11.7	0	134.9	\$193	21
Daryland	D196-0205R2V	RR0	0.2	0	239	12.1	0	134.4	\$192	22
Dyne-Gro	303R 729	RR0	0.3	R	238	12.2	0	133.9	\$191	23
Musang	00726	RR2V	0.7	R	237	12.2	0	136.3	\$191	24
Legacy Seeds	LS-0117R021 g	RR0	0.3	R	234	12.2	0	133.9	\$189	25
M Brand	301-C40 g	RR0	0.3	0	231	12.1	0	132.1	\$187	26
Legacy Seeds	LS-0110R02 g	RR2V	0.9	0	230	11.9	0	132.1	\$188	27
Proseed	1700-400	RR0	0.4	R	229	12.0	0	134.9	\$188	28
Musang	024029	RR0	0.3	R	228	12.3	0	136.3	\$188	29
Golden Harvest	040201	RR2V	0.3	0	228	12.1	0	134.4	\$183	30

DATA REJECTED

Averages = **23.2** **12.1** **0** **134.5** **\$157**  
 LSD (0.10) = 4.8 ns 0.9  
 LSD (0.25) = 2.5 ns 0.5  
 C.V. = 19.8

Prev. years avg. yield, 32.9 bu/a, 2 yrs

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

**TEST COMMENTS:** *The plot this year experienced extreme drought conditions. Kris, our plot host, said that they were dry by July 1st and that it did not rain the rest of the growing season. Kris also said that area yields ranged between 20 and 30 BPA for soybeans and corn yields were between 70 - 100 BPA. The dry conditions caused yield to vary widely between same product replications. Unreliable results.*

† 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: 10/24/2018 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.