

**2018 Soybean Top 30 Harvest Report**  
 Red River Valley Central [ RRCE ] MAHNOMEN  
 John, Jeff and Pat Halland, Mahnomen County, MN 56545



PREV. CROP/HERB: Corn / Surestart, Roundup PowerMax  
 SOIL DESCRIPTION: Barnes loam, well drained, non-irrigated  
 SOIL CONDITIONS: Medium P, low K, 7.9 pH, 5.3% OM, 30.5 CEC  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Roundup  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 26 140,000 /A 30" Spacing  
 HARVESTED - STAND: n/a

**All-Season Test**  
**Maturity Group 0.2 - 1.0**  
 S2018RRCE04

**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
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**Test Abandoned**

Dicamba sensitive soybean injury at this site shown below



Averages =  
 LSD (0.10) =  
 LSD (0.25) =  
 C.V. =

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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:** *This location experienced dicamba drift from a neighboring field. All dicamba sensitive soybean plants were severely stunted and deformed and of these plants aborted flowers and pods. Due to the significant yield impact on over 25% of the products tested, the trial was abandoned. Jeff, our host grower, indicated that area soybean yields are in the mid 50's for BPA.*

† 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 Central [ RRCE ]**

**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	AG02X8 §	RRX	0.2	S	AC,PV	REA	RX0929	RRX	0.9	R	AC,PV
Asgrow	AG03X7 §	RRX	0.3	R	AC,PV	Renk	RS039NX	RRX	0.3	R	EcTC
Asgrow	AG06X8 §	RRX	0.6	R	AC,PV	Renk	RS058NX	RRX	0.5	R	EcTC
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	CMB	Stine	09R162 §	RR2Y	0.9	R	SF
Dairyland	DSR-0397/R2Y	RR2Y	0.3	S	CMB	Taylor	0718XS GC	RRX	0.7	MR	None
Dairyland	DSR-0418/R2Y	RR2Y	0.4	MR	CMB	Taylor	096-2R §	RR2Y	0.9	MR	None
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	CMB	Thunder	3503R2Y	RR2Y	0.3	S	Ret
Dyna-Gro	S05XT88	RRX	0.5	MR	EQV	Thunder	3907R2YN	RR2Y	0.7	R	Ret
Dyna-Gro	S06XT59	RRX	0.6	R	EQV	Thunder	SB8805N	RRX	0.5	R	Ret
Dyna-Gro	S07XT28	RRX	0.7	R	EQV	Thunder	SB8807N	RRX	0.7	R	Ret
Golden Harvest	GH0339X	RRX	0.3	S	CCB,Me	Thunder	SB8903N	RRX	0.3	R	Ret
Golden Harvest	GH0391	RR2Y	0.3	MR	CCB,Me	Thunder	SB8906N	RRX	0.6	R	Ret
Golden Harvest	GH0674X	RRX	0.6	S	CCB,Me	Thunder	SB8909N	RRX	0.9	R	Ret
Golden Harvest	GH0749X	RRX	0.7	MR	CCB,Me	Titan Pro	TP 06X57	RRX	0.6	MR	R
Hefty	H02X7	RRX	0.2	S	None	Titan Pro	TP 08X17	RRX	0.8	MR	None
Hefty	H02X9	RRX	0.2	MR	DST						
Hefty	H03X8	RRX	0.3	MR	DST						
Hefty	H04X8	RRX	0.4	MR	DST						
Hefty	H05X8	RRX	0.5	MR	DST						
Hefty	H06X8	RRX	0.6	MR	DST						
Hefty	H08X8	RRX	0.8	MR	DST						
Hefty	H09X9	RRX	0.9	MR	DST						
Latham	E0559R2X	RRX	0.5	R	SS+						
Latham	E0638R2X	RRX	0.6	R	SS+						
Latham	L0739R2X	RRX	0.7	R	SS+						
Latham	L0859R2X	RRX	0.8	R	SS+						
Latham	L0982R2	RR2Y	0.9	R	SS+						
Latham	L1092R2X	RRX	1.0	R	SS+						
Legacy Seeds	LS-0438RR2X §	RRX	0.4	S	?						
Mycogen	5B033R2 §	RR2Y,ST	0.3	S	CCB						
Mycogen	5N052R2 §	RR2Y	0.5	MR	CCB						
Mycogen	5N078R2 §	RR2Y	0.7	R	None						
NK Brand	S03-G9 §	RR2Y	0.3	MR	CCB,Me						
NK Brand	S07-Q4X §	RRX	0.7	MR	CCB,Me						
NK Brand	S09-R8X §	RRX	0.9	R	CCB,Me						
Prairie Brand	PB-0578R2	RR2Y	0.5	R	CMB						
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CMB						
Proseed	30-80	RR2Y	0.8	R	CMB						
Proseed	XT60-40N	RRX	0.4	R	CMB						
Proseed	XT70-70	RRX	0.7	R	CMB						
Proseed	XT80-80	RRX	0.8	R	CMB						
REA	RX0228	RRX	0.2	R	AC,PV						
REA	RX0327	RRX	0.3	R	AC,PV						
REA	RX0628	RRX	0.6	R	AC,PV						
REA	RX0719	RRX	0.7	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.