

2018 Soybean Top 30 Harvest Report
 Red River Valley North [RRNO] WARREN
 Nathan Potechek, Marshall County, MN 56760



PREV. CROP/HERB: Wheat
 SOIL DESCRIPTION: Wheatville sandy loam, mod. Poor drained, non-irrigated
 SOIL CONDITIONS: Low P, low K, 8.2 pH, 3.2% OM, 21.8 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup
 APPLIED N-P-K (units): 50-0-0
 SEEDED - RATE - ROW: May 23 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 23 134,900 /A

All-Season Test
Maturity Group 00.7 - 0.4
 S2018RRNO04

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
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	44.9	10.8	0	136.7	\$304	1
Dahlman	5601RR2Y	RR2Y	0.1	S	44.6	11.0	0	133.5	\$302	2
Dyna-Gro	S03XT29	RRX	0.3	R	44.5	10.6	0	135.3	\$302	3
Legacy Seeds	LS-0135RR2 §	RR2Y	00.9	S	44.2	11.0	1	133.5	\$300	4
Legacy Seeds	LS-0438RR2X §	RRX	0.4	S	43.8	10.7	0	133.5	\$297	5
Golden Harvest	GH0391	RR2Y	0.3	MR	42.8	11.2	0	138.1	\$290	6
Thunder	3503R2Y	RR2Y	0.3	S	42.8	10.8	0	137.2	\$290	7
Mycogen	5B033R2 §	RR2Y,ST	0.3	S	42.8	10.9	0	135.8	\$290	8
NK Brand	S03-S6X §	RRX	0.3	S	42.7	11.0	0	134.9	\$290	9
Legacy Seeds	LS-0337NRR2X §	RRX	0.3	R	41.9	10.7	0	133.0	\$284	10
Mustang	04X728	RRX	0.4	R	41.9	11.2	0	135.8	\$284	11
Mustang	02356	RR2Y	0.2	S	41.7	10.9	2	134.4	\$283	12
REA	RX0327	RRX	0.3	R	41.6	10.6	0	135.3	\$282	13
Thunder	36008R2YN	RR2Y	00.8	R	41.4	11.2	0	134.9	\$281	14
Asgrow	AG03X7 §	RRX	0.3	R	41.2	10.6	0	135.3	\$279	15
Mustang	03x329	RRX	0.3	R	41.2	10.7	0	137.2	\$279	16
Asgrow	AG00937 §	RR2Y	00.9	S	41.2	10.9	0	134.9	\$279	17
Hefty	H03X8	RRX	0.3	MR	41.0	11.1	1	138.1	\$278	18
Dahlman	6703XN	RRX	0.3	R	40.9	10.5	1	133.0	\$277	19
Legacy Seeds	LS-0237RR2X §	RRX	0.2	S	40.6	11.0	0	131.1	\$275	20
Dairyland	DSR-0418/R2Y	RR2Y	0.4	MR	40.5	11.3	0	137.2	\$275	21
NK Brand	S03-G9 §	RR2Y	0.3	MR	40.5	11.2	0	135.3	\$275	22
Proseed	XT60-40N	RRX	0.4	R	40.3	10.7	0	135.3	\$273	23
Hefty	H04X8	RRX	0.4	MR	40.2	10.8	0	131.6	\$273	24
Mustang	00726	RR2Y	00.7	R	40.0	10.9	0	136.3	\$271	25
Dyna-Gro	S04XT77	RRX	0.4	R	39.9	10.5	0	138.1	\$271	26
Thunder	3601R2Y	RR2Y	0.1	S	39.9	10.9	1	134.9	\$271	27
Latham	L00828R2X	RRX	00.8	R	39.8	10.8	0	134.9	\$270	28
Latham	L0124R2X	RRX	0.1	S	39.8	11.0	0	137.2	\$270	29
Mustang	02X388	RRX	0.2	S	39.8	10.9	1	136.7	\$270	30

Averages = **39.6** **10.8** **0** **134.9** **\$268**

LSD (0.10) = 3.5 0.2 0.6

LSD (0.25) = 1.8 0.1 0.3

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C.V. = 8.4

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: *The test site this year had excellent rainfall in June, but then got dry from July 5th through August 25th where it only received about an inch of rain through that whole time. Harvest was delayed up this way due to two weeks of cold damp weather.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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.