2017 Soybean Top 30 Harvest Report

Red River Valley South [RRSO] SABIN James Nelson, Clay County, MN 56560

PREV. CROP/HERB: Corn / Verdict

SOIL DESCRIPTION: Fargo silty clay, poor drained, non-irrigated SOIL CONDITIONS: High P, very high K, 8.1 pH, 2.8% OM, 33.0 CEC

TILLAGE/CULTIVATION: Conventional w/ fall till

PEST MANAGEMENT: Authority MTZ, Lorsban, glyphosate

APPLIED N-P-K (units): 0-0-0

 SEEDED - RATE - ROW:
 May 10
 140,000 /A
 30" Spacing

 HARVESTED - STAND:
 Oct 9
 133,900 /A

farmers' independent research of seed technologies
Test by: Brendemuhl Seed Research, LLC, Moorhead, MN

All-Season Test Maturity Group 0.6 - 1.4

S2017RRSO02

Top 30 of 63

For Gross Income (Sorted by Yield)

Average of (3) Replications

				SCN	Yield	Moisture	Lodging	Stand	Gross Ir	come
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	◆ Bu/A ◆	%	%	(x 1000)	\$/Acre	Rank
Dyna-Gro	S09RY64	RR2Y	0.9	R	46.5	9.5	3	134.9	\$409	1
Prairie Brand	PB-1257R2	RR2Y	1.2	R	45.3	9.6	5	133.9	\$398	2
Pioneer	P14T70R2 §	RR2Y	1.4	R	45.1	9.5	2	133.5	\$396	3
Latham	L0982R2	RR2Y	0.9	R	44.9	9.6	4	130.7	\$395	4
Mustang	08X028	RRX	8.0	R	43.9	9.7	2	134.4	\$386	5
Stine	13RI32 §	RR2Y	1.3	R	43.9	9.7	3	130.7	\$386	6
Prairie Brand	PB-0777R2	RR2Y	0.7	R	43.7	9.5	2	133.0	\$384	7
Latham	L1438R2	RR2Y	1.4	R	43.0	9.7	6	134.4	\$378	8
Asgrow	AG11X8 §	RRX	1.1	R	42.8	9.8	3	135.3	\$376	9
Proseed	PX714N	RRX	1.4	R	42.8	9.7	5	133.5	\$376	10
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	42.6	9.6	2	136.3	\$374	11
Mustang	14X428	RRX	1.4	R	42.4	9.7	2	133.0	\$373	12
Legacy Seeds	LS-1138NRR2X	RRX	1.1	R	42.4	9.8	2	133.5	\$373	13
Hefty	H14X8	RRX	1.4	R	42.1	9.7	1	133.9	\$370	14
Stine	09RI62 §	RR2Y	0.9	R	42.1	9.5	4	130.7	\$370	15
Thunder	SB8710N	RRX	1.0	R	41.9	9.7	2	132.5	\$368	16
Dyna-Gro	S11XT78	RRX	1.1	R	41.9	9.7	2	133.5	\$368	17
Asgrow	AG08X8 §	RRX	8.0	R	41.8	9.7	1	135.8	\$367	18
Hefty	H09X7	RRX	0.9	R	41.4	9.8	2	132.1	\$364	19
Renk	RS084NR2	RR2Y	8.0	R	41.4	9.4	3	132.5	\$364	20
Hefty	H13X8	RRX	1.3	R	41.3	9.6	3	134.4	\$363	21
Renk	RS096NR2	RR2Y	0.9	R	41.3	9.7	3	133.0	\$363	22
Stine	14RD62 §	RR2Y	1.4	R	41.3	9.7	3	133.5	\$363	23
Latham	L1386R2X	RRX	1.3	R	41.2	9.5	1	136.7	\$362	24
Golden Harvest	GH1253X §	RRX	1.2	R	41.2	9.7	2	133.5	\$362	25
Hefty	H08X8	RRX	8.0	R	41.1	9.6	2	131.1	\$361	26
Proseed	PX709N	RRX	0.9	R	41.1	9.6	2	133.9	\$361	27
Thunder	3614R2YN	RR2Y	1.4	R	41.0	9.4	4	138.1	\$360	28
REA	RX1027	RRX	1.0	R	40.8	9.4	2	134.9	\$359	29
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	40.8	9.6	2	136.3	\$359	30
					10.5			400.0	40.56	
				rerages =	40.5	9.6	3	133.9	\$356	
				(0.10) =	3.3	0.2	ns			
Luke Brendemuhl			LSD	(0.25) =	1.7	0.1	ns			
luke.brendemuhl@firstseedtests.com, (218) 790-4497				C.V. =	7.7		Prev.	Prev. years avg. yield, 53.2 bu/a, 1		

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.79 GMO; \$8.79 non-GMO

TEST COMMENTS: The plot was located in an excellent spot that drained well. The previous crop was corn. The plot had excellent stands early on. This summer was drier than average, and just like many places from Sabin going northwards, they had a very dry period from the middle of August until the middle of September. Despite the dry conditions, the majority of upper pods on plants were full.

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

Additional reports available at www.firstseedtests.com

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Report Date: 10/10/2017 Revised:



2017 Soybean - Red River Valley South [RRSO]

All-Season Test Products (63 Total)

Company/Prand	Droduct/Prand	Tochnol	Mat.	CCNI	Cood Trt
Company/Brand	Product/Brand	Technol.		SCN	Seed Trt
Asgrow	AG06X8 §	RRX	0.6	R	ACi
Asgrow	AG08X8 §	RRX	0.8	R	ACi
Asgrow	AG11X8 §	RRX	1.1	R	ACi
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	CMB
Dairyland	DSR-1475/R2Y	RR2Y	1.4	R	CMB
Dyna-Gro	S09RY64	RR2Y	0.9	R	EQV
Dyna-Gro	S11XT78	RRX	1.1	R	EQV
Dyna-Gro	S12RY44	RR2Y	1.2	R	EQV
Golden Harvest	GH1253X §	RRX	1.2	R	CCB,Me
Hefty	H06X8	RRX	0.6	R	DST
Hefty	H08X8	RRX	8.0	R	DST
Hefty	H09X7	RRX	0.9	R	DST
Hefty	H11X8	RRX	1.1	R	DST
Hefty	H12X7	RRX	1.2	MR	DST
Hefty	H13X7	RRX	1.3	R	DST
Hefty	H13X8	RRX	1.3	R	DST
Hefty	H14X8	RRX	1.4	R	DST
Latham	L0739R2X	RRX	0.7	R	SS+
Latham	L0838R2	RR2Y	0.8	R	SS+
Latham	L0858R2X	RRX	8.0	R	CCB,Me
Latham	L0938EXGT	BG	0.9	R	SS+
Latham	L0982R2	RR2Y	0.9	R	SS+
Latham	L1184R2X	RRX	1.1	R	SS+
Latham	L1386R2X	RRX	1.3	R	CCB,Me
Latham	L1438R2	RR2Y	1.4	R	CCB,Me
Legacy Seeds	LS-0646RR2	RR2Y	0.6	S	F,G
Legacy Seeds	LS-0935NRR2	RR2Y	0.9	R	F,G
Legacy Seeds	LS-1136NRR2X	RRX	1.1	R	F,G
Legacy Seeds	LS-1138NRR2X	RRX	1.1	R	F,G
Legacy Seeds	LS-1338NRR2X	RRX	1.3	R	F,G
Mustang	06X628	RRX	0.6	R	F,I
Mustang	08X028	RRX	0.8	R	F,I
Mustang	12X928	RRX	1.2	R	F,I
Mustang	14X428	RRX	1.4	R	F,I
NK Brand	S12-R3 §	RR2Y	1.2		CCB,Me
NK Brand	S14-A6 §	RR2Y	1.4	R	CCB,Me
Pioneer	P12A59X §	RRX	1.2	R	EE,G
Pioneer	P14T70R2 §	RR2Y	1.4	R	EE,G,IL
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CMB
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CMB
Prairie Brand	PB-1257R2	RR2Y	1.2	R	CMB
Proseed	PX706N	RRX	0.6	R	CMB
Proseed	PX707N	RRX	0.7	R	CMB
Proseed	PX709N	RRX	0.9	R	CMB
Proseed	PX711N	RRX	1.1	R	CMB

Company/Brand	Product/Brand	Technol.		SCN	Seed Tr
Proseed	PX714N	RRX	1.4	R	CMB
REA	RX0628	RRX	0.6	R	ACi
REA	RX0826	RRX	8.0	MR	ACi
REA	RX1027	RRX	1.0	R	ACi
REA	RX1226	RRX	1.2	R	ACi
Renk	RS078NX	RRX	0.7	R	AM,IL
Renk	RS084NR2	RR2Y	8.0	R	EcTC
Renk	RS096NR2	RR2Y	0.9	R	EcTC
Renk	RS118NX	RRX	1.1	R	AM,IL
Stine	09RI62 §	RR2Y	0.9	R	SFI
Stine	13RI32 §	RR2Y	1.3	R	SFI
Stine	14RD62 §	RR2Y	1.4	R	SFI
Thunder	3408R2YN	RR2Y	0.8	R	CMB
Thunder	3606R2YN	RR2Y	0.6	R	CMB
Thunder	3614R2YN	RR2Y	1.4	R	CMB
Thunder	SB8710N	RRX	1.0	R	CMB
Thunder	SB8807N	RRX	0.7	R	CMB
Thunder	SB8811N	RRX	1.1	R	CMB



Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme
	EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand
	seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPMaxx [®] and XL [®] 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 [®]
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 unavailable	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
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva [™] Complete Beans	None	untreated
Cl	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho®/Votivo®
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 [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaucho [®]	YPP	YP Pro™

^{*} Seed treatments may include unspecified plant health promoting components.