

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

All-Season Test
Maturity Group 0.6 - 1.4
S2017RRSO02

Top 30 of 63
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
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	0.8	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	0.8	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	0.8	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	0.8	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

Averages = 40.5 9.6 3 133.9 \$356

LSD (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. years avg. yield, 53.2 bu/a, 1 yr

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.

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Report Date: 10/10/2017 Revised:

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. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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
CI	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	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.