

2017 Soybean Top 30 Harvest Report
 Minnesota South [MNSO] NEW RICHLAND
 Leon Schoenrock, Waseca County, MN 56072



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / SureStart, Roundup
 SOIL DESCRIPTION: Webster clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 5.5% OM, 32.9 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Flexstar, Roundup
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 13 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 17 132,100 /A

Early-Season Test
Maturity Group 1.6 - 1.9
 S2017MNSO08a

Top 30 of 48

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-1950/R2Y	RR2Y	1.9	R	64.7	13.7	0	126.9	\$607	1
Golden Harvest	GH1915X	RRX	1.9	R	63.4	13.1	0	131.1	\$596	2
Prairie Brand	PB-1947R2	RR2Y	1.9	R	63.0	13.0	0	131.1	\$592	3
Anderson	153R2Y	RR2Y	1.5	R	62.7	13.3	0	129.7	\$589	4
Asgrow	AG19X8 §	RRX	1.9	R	62.5	13.2	0	131.1	\$587	5
Dyna-Gro	S19RY65	RR2Y	1.9	R	62.1	13.2	0	132.5	\$583	6
Renk	RS195NR2	RR2Y	1.9	R	61.6	13.5	0	130.2	\$578	7
Anderson	168RXT	RRX	1.6	MR	61.2	13.1	0	129.7	\$575	8
NorthStar	NS 1911NR2	RR2Y	1.9	R	61.1	13.5	0	131.1	\$574	9
Latham	L1858R2	RR2Y	1.8	R	61.0	13.4	0	133.5	\$573	10
Hefty	H16X8	RRX	1.6	R	60.9	13.0	0	131.6	\$572	11
Dahlman	6815XN GC	RRX	1.5	R	60.9	13.3	0	131.1	\$572	12
Champion	18X78N	RRX	1.8	R	60.7	13.0	0	131.6	\$571	13
Champion	18R37N	RR2Y	1.9	R	60.6	13.1	0	135.3	\$570	14
Prairie Brand	PB-1787R2	RR2Y	1.7	R	60.6	13.5	0	134.4	\$569	15
Mustang	19726	RR2Y	1.9	R	60.3	13.0	0	133.9	\$567	17
Renk	RS153NR2	RR2Y	1.5	R	60.1	13.3	0	129.7	\$565	18
AgriGold	G1850RX	RRX	1.8	R	60.1	13.5	0	128.8	\$564	19
Titan Pro	TP-16X77	RRX	1.6	MR	60.0	13.1	0	133.0	\$564	20
Asgrow	AG17X8 §	RRX	1.7	R	59.8	13.6	0	133.0	\$561	21
Stine	19RF32 §	RR2Y	1.9	R	59.5	13.3	0	134.9	\$559	22
Federal	F2080NR2X	RRX	2.0	R	59.5	13.9	0	134.9	\$558	23
Pioneer	P18T26R2 §	RR2Y	1.8	R	59.2	13.1	0	133.9	\$556	24
Federal	F195NRR2Y	RR2Y	1.9	R	58.9	13.1	0	134.9	\$554	25
Pfister	18R201	RR2Y	1.8	R	58.7	13.0	0	132.1	\$552	26
Thunder	SB8818N	RRX	1.8	R	58.5	13.3	0	135.3	\$550	27
NorthStar	NS 61903NXR2	RRX	1.9	R	58.4	13.0	0	132.1	\$549	28
Titan Pro	TP-18R24	RR2Y	1.8	R	58.4	13.4	0	133.9	\$548	29
Cornelius	CB19R71	RR2Y	1.9	R	58.4	13.4	0	134.9	\$548	30
Dyna-Gro	S17RY67	RR2Y	1.7	R	58.3	13.2	0	133.5	\$548	31
Dahlman	6820XN CK	RRX	2.0	R	60.5	13.8	0	135.3	\$568	16

Averages = **59.1** **13.3** **0** **132.1** **\$556**

LSD (0.10) = ns ns ns

LSD (0.25) = 2.1 ns ns

C.V. = 6.3 3.1 Prev. years avg. yield, 59.3 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.40 GMO; \$9.40 non-GMO

TEST COMMENTS: *Planting conditions were excellent. Temps were moderate to slightly cool most of the season, with August being one of the coolest on record. However, Sept temps were above normal. Rains were plentiful all season, without being excessive. No killing frost as of Oct 20. White mold was present here. It did not devastate yields, but it did make yield vary between replications.*

† 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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TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Flexstar, Roundup
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 13 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 17 132,100 /A

Full-Season Test
Maturity Group 2.0 - 2.3
S2017MNSO08b

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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
NK Brand	S21-W8X §	RRX	2.1	R	63.9	13.7	0	130.7	\$600	1
Renk	RS213NR2	RR2Y	2.1	R	63.7	14.2	0	134.4	\$597	2
NK Brand	S20-J5X §	RRX	2.0	R	63.5	13.6	0	134.4	\$596	3
Golden Harvest	GH2230X	RRX	2.2	R	63.1	13.9	0	131.1	\$592	4
NK Brand	S20-T6 §	RR2Y	2.0	MR	62.8	13.7	0	132.1	\$589	5
Hefty	H22X7	RRX	2.2	R	62.6	14.0	0	131.1	\$587	6
Hefty	H22X8	RRX	2.2	R	61.0	13.9	0	128.3	\$572	7
NorthStar	NS 62002NXR2	RRX	2.0	R	61.0	14.0	0	136.3	\$572	8
Dahlman	6721XN GC	RRX	2.1	R	60.8	13.8	0	133.9	\$571	9
AgriGold	G2105RX	RRX	2.1	R	60.6	13.5	0	135.3	\$569	10
Champion	20R35N	RR2Y	2.0	R	60.3	14.3	0	132.5	\$565	11
Renk	RS228NX	RRX	2.2	R	59.9	14.3	0	130.7	\$562	12
Latham	L2283R2X	RRX	2.2	R	59.7	13.7	0	133.5	\$560	13
LG Seeds	C2201RX	RRX	2.2	R	59.7	13.7	0	134.9	\$560	14
Mustang	22X228	RRX	2.2	R	59.4	13.8	0	130.2	\$557	15
Pioneer	P22T69R §	RR	2.2	R	59.2	13.8	0	133.5	\$556	16
Pfister	20R23	RR2Y	2.0	R	59.0	13.7	0	134.9	\$554	17
Latham	L2184R2X	RRX	2.1	R	58.8	13.5	0	131.6	\$552	18
Renk	RS208NX	RRX	2.0	R	58.8	14.6	0	130.7	\$551	19
Stine	21RI32 §	RR2Y	2.1	R	58.6	13.9	0	129.3	\$550	20
Stine	20RD20 §	RR2Y	2.0	R	58.5	14.1	0	132.1	\$549	21
Titan Pro	TP-20X57	RRX	2.0	MR	58.4	14.5	0	133.5	\$547	22
Titan Pro	TP-21X46	RRX	2.1	R	57.7	14.0	0	131.6	\$541	23
AgriGold	G2250RX	RRX	2.2	R	57.6	13.6	0	131.1	\$541	24
Renk	RS207NX	RRX	2.0	R	57.4	13.9	0	132.1	\$539	25
Pioneer	P19T55X §	RRX	1.9	R	57.3	14.4	0	133.5	\$537	26
Pioneer	P22T73R §	RR	2.2	R	57.3	14.6	0	134.9	\$537	27
Prairie Brand	PB-2197R2	RR2Y	2.1	R	57.2	13.8	0	129.7	\$537	28
Champion	22R38N	RR2Y	2.2	R	57.2	13.8	0	131.6	\$537	29
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	57.1	12.9	0	132.1	\$537	30
Dahlman	6820XN CK	RRX	2.0	R	55.2	14.6	0	131.6	\$517	43

Mark Querna

Mark Querna

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Averages = **57.5** **13.9** **0** **132.1** **\$539**

LSD (0.10) = 4.1 ns ns

LSD (0.25) = 2.2 ns ns

C.V. = 6.9 Prev. years avg. yield, 59.3 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.40 GMO; \$9.40 non-GMO

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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.