

2017 Soybean Top 30 Harvest Report

Minnesota South Central [MNSC] TRACY
Brian Hicks, Lyon County, MN 56175



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / Harness, Halex, atrazine
SOIL DESCRIPTION: Webster, Seaforth-Wilmington clay loam, well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.7 pH, 4.0% OM
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Authority First, Flexstar
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 14 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 21 127,900 /A

Early-Season Test

Maturity Group 1.5 - 1.8

S2017MNSC03a

Top 30 of 42

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
Titan Pro	TP-16X77	RRX	1.6	MR	60.5	8.3	0	129.3	\$568	1
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	59.1	8.2	0	130.3	\$556	2
Dyna-Gro	S17RY67	RR2Y	1.7	R	59.0	8.1	0	125.5	\$554	3
Latham	L1748R2	RR2Y	1.7	R	58.9	8.3	0	130.7	\$554	4
Dahlman	6815XN GC	RRX	1.5	R	57.3	8.4	0	128.8	\$538	5
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	57.0	8.2	0	127.2	\$536	6
LG Seeds	C1870R2	RR2Y	1.8	R	56.9	8.4	0	126.9	\$535	7
Prairie Brand	PB-1787R2	RR2Y	1.7	R	56.8	8.2	0	127.9	\$534	8
Pfister	18R201	RR2Y	1.8	R	56.7	8.2	0	126.5	\$533	9
NorthStar	NS 1528NR2	RR2Y	1.5	R	56.0	8.2	0	129.3	\$526	10
Federal	F195NRR2Y	RR2Y	1.9	R	55.8	8.2	0	128.2	\$525	11
Renk	RS168NX	RRX	1.6	R	55.8	8.3	0	132.1	\$524	12
Asgrow	AG17X8 §	RRX	1.7	R	55.6	8.3	0	131.7	\$522	13
Stine	14RD62 §	RR2Y	1.4	R	55.0	8.2	0	127.9	\$517	14
Titan Pro	TP-18R24	RR2Y	1.8	R	54.9	8.2	0	125.1	\$516	15
Latham	L1858R2	RR2Y	1.8	R	54.8	8.1	0	128.3	\$515	16
Anderson	153R2Y	RR2Y	1.5	R	54.7	8.2	0	128.3	\$514	17
Dyna-Gro	S16XT58	RRX	1.6	R	54.7	8.3	0	129.3	\$514	18
Thunder	SB8818N	RRX	1.8	R	54.6	8.2	0	128.9	\$513	19
Pioneer	P18T26R2 §	RR2Y	1.8	R	54.6	8.2	0	131.6	\$513	20
Mustang	18X128	RRX	1.8	R	53.2	8.3	0	130.7	\$500	21
Hefty	H16X8	RRX	1.6	R	53.1	8.3	0	126.9	\$499	22
Titan Pro	TP-18X97	RRX	1.8	MR	52.9	8.2	0	131.1	\$498	23
Dyna-Gro	S18XT38	RRX	1.8	MR	52.5	8.2	0	131.1	\$494	24
NorthStar	NS 61633NXR2	RRX	1.6	R	52.3	8.3	0	127.9	\$492	26
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	52.3	8.3	0	129.3	\$492	27
Hefty	H18X8	RRX	1.8	R	52.3	8.5	0	128.3	\$491	28
Renk	RS188NX	RRX	1.8	R	52.0	8.2	0	129.3	\$489	29
Pioneer	P15T83R §	RR	1.5	R	51.6	8.2	0	129.3	\$485	30
NorthStar	NS 1661NR2	RR2Y	1.6	R	51.3	8.3	0	107.3	\$482	31
Dahlman	6818XN CK	RRX	1.8	R	52.4	8.2	0	128.8	\$492	25

Mark Querna

Mark Querna

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Averages = **53.5** **8.3** **0** **127.9** **\$503**

LSD (0.10) = 5.2 0.1 ns

LSD (0.25) = 2.7 0.1 ns

C.V. = 9.3 Prev. years avg. yield, 55.1 bu/a, 6 yrs

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

TEST COMMENTS: *This site yielded well, in spite of being hit hard by iron chlorosis in mid-summer. Moderate temps all summer, and plenty of moisture kept the plants growing. August was quite cool, but September was above average. No killing frost was recorded here as of harvest.*

† 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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PEST MANAGEMENT: Authority First, Flexstar
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 14 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 21 128,200 /A

Full-Season Test
Maturity Group 1.9 - 2.2
S2017MNSC03b

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
NorthStar	NS 62002NXR2	RRX	2.0	R	65.1	8.2	0	128.8	\$611	1
Latham	L2228R2	RR2Y	2.2	R	61.7	8.3	0	131.1	\$580	2
Federal	F2170NR2X	RRX	2.1	R	61.3	8.3	0	128.3	\$576	3
Titan Pro	TP-20R25	RR2Y	2.0	R	61.0	8.4	0	126.9	\$573	4
Prairie Brand	PB-2228R2	RR2Y	2.2	R	61.0	8.3	0	129.7	\$573	5
Titan Pro	TP-21X46	RRX	2.1	R	60.7	8.2	0	127.9	\$570	6
Renk	RS207NX	RRX	2.0	R	60.1	8.3	0	130.7	\$564	7
Pioneer	P22T73R §	RR	2.2	R	59.7	8.3	0	126.9	\$561	8
Renk	RS213NR2	RR2Y	2.1	R	59.5	8.5	0	129.3	\$559	9
Latham	L2084R2	RR2Y	2.0	R	59.4	8.3	0	128.8	\$559	10
Mustang	22X228	RRX	2.2	R	59.4	8.3	0	128.6	\$559	11
Pfister	21R205	RR2Y	2.1	R	59.3	8.2	0	127.9	\$558	12
Dahlman	6721XN GC	RRX	2.1	R	59.1	8.4	0	123.7	\$556	13
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	58.7	8.3	0	131.2	\$552	14
Asgrow	AG20X7 §	RRX	2.0	R	58.6	8.3	0	132.5	\$550	15
LG Seeds	C2255R2	RR2Y	2.2	R	58.5	8.3	0	129.7	\$550	16
Latham	L2184R2X	RRX	2.1	R	57.7	8.2	0	126.6	\$542	17
Pfister	20R23	RR2Y	2.0	R	57.3	8.3	0	128.7	\$539	18
Latham	L2283R2X	RRX	2.2	R	57.3	8.3	0	127.2	\$538	19
Stine	19RF32 §	RR2Y	1.9	R	57.2	8.3	0	130.2	\$538	20
Dyna-Gro	S19RY65	RR2Y	1.9	R	57.0	8.3	0	128.4	\$535	21
Anderson	217RXT	RRX	2.1	R	56.9	8.3	0	127.9	\$535	22
Hefty	H22X8	RRX	2.2	R	56.8	8.5	0	130.2	\$533	23
Renk	RS208NX	RRX	2.0	R	56.5	8.4	0	132.9	\$531	24
Titan Pro	TP-20X57	RRX	2.0	MR	56.5	8.5	0	131.1	\$531	25
Stine	20RD20 §	RR2Y	2.0	R	56.4	8.3	0	131.5	\$531	26
Anderson	206R2Y	RR2Y	2.0	R	56.1	8.2	0	128.3	\$528	27
Dahlman	6820XN GC	RRX	2.0	R	55.5	8.6	0	131.6	\$521	28
Renk	RS195NR2	RR2Y	1.9	R	55.4	8.2	0	129.7	\$521	29
Prairie Brand	PB-1947R2	RR2Y	1.9	R	55.4	8.4	0	125.6	\$520	30
Dahlman	6818XN CK	RRX	1.8	R	50.1	8.2	0	128.3	\$471	48

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Averages = **56.8** **8.3** **0** **128.2** **\$534**
LSD (0.10) = 5.4 0.2 ns
LSD (0.25) = 2.8 0.1 ns
C.V. = 8.9

Prev. years avg. yield, 55.1 bu/a, 6 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	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.