

2017 Soybean Top 30 Harvest Report

Minnesota South [MNSO] EASTON
Dru Martin, Faribault County, MN 56025



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / SureStart, Roundup
SOIL DESCRIPTION: Clarion loam, mod. well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.6 pH, 4.5% OM, 30.2 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Abundit Extra, Trivence
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 12 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 19 130,700 /A

Early-Season Test

Maturity Group 1.6 - 1.9

S2017MNSO06a

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	64.6	9.4	0	130.7	\$607	1
Federal	F195NRR2Y	RR2Y	1.9	R	63.7	9.0	0	132.1	\$599	2
Mustang	19726	RR2Y	1.9	R	63.4	9.1	0	132.5	\$596	3
Federal	F2080NR2X	RRX	2.0	R	62.2	9.4	0	131.1	\$585	6
Renk	RS195NR2	RR2Y	1.9	R	62.2	9.7	0	130.7	\$585	7
Hefty	H16X8	RRX	1.6	R	62.1	8.8	0	129.7	\$584	8
LG Seeds	C1870R2	RR2Y	1.8	R	62.0	9.1	0	132.1	\$583	9
Pfister	18R201	RR2Y	1.8	R	61.9	9.3	0	131.6	\$582	10
Stine	19RF32 §	RR2Y	1.9	R	61.6	9.3	0	131.1	\$579	11
Anderson	168RXT	RRX	1.6	MR	61.3	9.3	0	131.6	\$576	12
Champion	18R37N	RR2Y	1.9	R	61.1	9.3	0	128.3	\$574	13
Latham	L1684R2X	RRX	1.6	R	60.8	9.2	0	132.5	\$572	14
Cornelius	CB19R71	RR2Y	1.9	R	60.6	9.0	0	132.1	\$570	15
Dyna-Gro	S19RY65	RR2Y	1.9	R	60.1	8.9	0	128.8	\$565	16
Anderson	153R2Y	RR2Y	1.5	R	60.1	9.3	0	133.5	\$565	17
Prairie Brand	PB-1947R2	RR2Y	1.9	R	59.5	9.5	0	132.1	\$559	18
Renk	RS153NR2	RR2Y	1.5	R	59.2	8.8	0	129.3	\$556	19
Mustang	16X628	RRX	1.6	R	58.7	9.3	0	130.2	\$552	20
Golden Harvest	GH1852X	RRX	1.8	R	58.5	9.4	0	131.1	\$550	21
Golden Harvest	GH1915X	RRX	1.9	R	58.3	8.8	0	126.0	\$548	22
Dahlman	6815XN GC	RRX	1.5	R	58.0	9.3	0	129.7	\$545	23
Asgrow	AG17X8 §	RRX	1.7	R	57.9	8.4	0	131.1	\$544	24
Dahlman	6713XN GC	RRX	1.3	R	57.6	9.3	0	129.7	\$541	25
Thunder	SB8818N	RRX	1.8	R	57.4	9.3	0	128.3	\$540	26
NorthStar	NS 61633NXR2	RRX	1.6	R	57.4	9.7	0	128.8	\$540	27
NorthStar	NS 1911NR2	RR2Y	1.9	R	57.0	9.1	0	130.2	\$536	28
Cornelius	CB18X80	RRX	1.8	R	56.6	8.7	0	133.0	\$532	29
Titan Pro	TP-18R24	RR2Y	1.8	R	55.8	9.2	0	130.7	\$525	30
Titan Pro	TP-16X77	RRX	1.6	MR	55.2	9.3	0	130.2	\$519	31
Dyna-Gro	S17RY67	RR2Y	1.7	R	55.1	9.0	0	132.1	\$518	32
Dahlman	6820XN CK	RRX	2.0	R	62.9	9.2	0	133.0	\$591	4

Averages = **57.7** **9.2** **0** **130.7** **\$543**

LSD (0.10) = 4.6 ns ns

LSD (0.25) = 2.4 ns ns

C.V. = 7.6

Prev. years avg. yield, 53.2 bu/a, 14 yrs

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

TEST COMMENTS: *The growing season was excellent for vegetative growth. 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, but did not devastate yields.*

† 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: 10/22/2017 Revised:

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PEST MANAGEMENT: Abundit Extra, Trivence
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 12 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 19 131,800 /A

Full-Season Test
Maturity Group 2.0 - 2.3
S2017MNSO06b

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
Mustang	22X228	RRX	2.2	R	66.5	9.3	0	128.8	\$625	1
Asgrow	AG20X7 §	RRX	2.0	R	66.3	9.3	0	132.1	\$623	2
Renk	RS228NX	RRX	2.2	R	65.8	9.3	0	130.7	\$619	3
Renk	RS207NX	RRX	2.0	R	65.8	9.6	0	133.9	\$619	4
Dyna-Gro	S21XT77	RRX	2.1	R	65.6	9.3	0	132.5	\$617	5
Anderson	217RXT	RRX	2.1	R	65.4	9.4	0	133.5	\$615	6
Hefty	H20X7	RRX	2.0	R	65.0	9.6	0	133.0	\$611	7
Latham	L2283R2X	RRX	2.2	R	64.8	9.6	0	131.1	\$609	8
Champion	20R35N	RR2Y	2.0	R	64.6	9.5	0	132.5	\$607	9
Hefty	H22X8	RRX	2.2	R	64.4	9.3	0	132.5	\$605	10
AgriGold	G2250RX	RRX	2.2	R	64.3	9.3	0	129.3	\$604	11
NK Brand	S20-J5X §	RRX	2.0	R	63.8	9.4	0	131.6	\$600	12
Mustang	21X127	RRX	2.1	R	63.7	9.2	0	133.0	\$599	13
Champion	20X98N	RRX	2.0	R	63.6	10.1	0	132.5	\$598	14
NK Brand	S21-W8X §	RRX	2.1	R	63.0	9.1	0	130.7	\$592	15
LG Seeds	C2201RX	RRX	2.2	R	63.0	9.2	0	131.1	\$592	16
Dahlman	6721XN GC	RRX	2.1	R	62.7	9.3	0	131.6	\$589	17
Stine	20RD20 §	RR2Y	2.0	R	62.7	9.5	0	132.1	\$589	18
Prairie Brand	PB-2228R2	RR2Y	2.2	R	62.2	9.3	0	134.4	\$585	19
Titan Pro	TP-21X46	RRX	2.1	R	61.8	9.3	0	130.2	\$581	20
NorthStar	NS 2031NR2	RR2Y	2.0	R	61.8	9.5	0	130.7	\$581	21
Titan Pro	TP-20X57	RRX	2.0	MR	61.6	10.0	0	134.9	\$579	22
Latham	L2187EXGT	BG	2.1	R	61.5	9.4	0	131.6	\$578	23
Golden Harvest	GH2230X	RRX	2.2	R	61.0	9.1	0	131.6	\$573	24
Pioneer	P22T73R §	RR	2.2	R	61.0	9.3	0	128.8	\$573	25
AgriGold	G2105RX	RRX	2.1	R	60.9	9.5	0	133.0	\$572	26
Cornelius	CB22X73	RRX	2.2	R	60.8	9.4	0	135.8	\$572	27
Federal	F2280NR2X	RRX	2.2	R	60.8	9.4	0	131.1	\$572	28
Pfister	20R23	RR2Y	2.0	R	60.7	9.5	0	132.1	\$571	29
Pfister	21R205	RR2Y	2.1	R	60.6	9.1	0	129.3	\$570	30
Dahlman	6820XN CK	RRX	2.0	R	55.2	9.6	0	129.7	\$519	50

Averages = **60.3** **9.5** **0** **131.8** **\$567**

LSD (0.10) = 4.5 ns ns

LSD (0.25) = 2.4 ns ns

C.V. = 7.1 Prev. years avg. yield, 53.2 bu/a, 14 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.