

2018 Soybean Top 30 Harvest Report

Minnesota Central [MNCE] KERKHOVEN
Rod Lindquist, Swift County, MN 56252



Test by: NewVenture, LLC, Ellendale, MN

PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Winger-Balaton-Parnell silt loam, poor drained, non-irrigated
SOIL CONDITIONS: Medium P, high K, 8.0 pH, 3.7% OM, 29.8 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Authority, Roundup PowerMax, Warrent Ultra, Fusilade, Leverage
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 22 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 31 134,100 /A

All-Season Test
Maturity Group 1.3 - 2.0
S2018MNCE01

Top 30 of 60

For Gross Income (Sorted by Yield)
Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	S14-A6	RR2Y	1.4	R	71.7	16.8	0	135.0	\$568	1
Golden Harvest	GH1619X	RRX	1.6	R	68.2	16.6	0	133.6	\$541	2
Stine	19RF32 §	RR2Y	1.9	R	64.8	16.5	0	134.3	\$514	3
Federal	F2190NR2X	RRX	2.1	R	64.7	16.3	0	133.6	\$513	4
Stine	13RI32 §	RR2Y	1.3	R	64.3	16.7	0	132.1	\$510	5
Latham	L1482R2X	RRX	1.4	R	63.8	16.8	0	135.0	\$506	6
Asgrow	AG14X8 §	RRX	1.4	R	62.7	16.4	2	134.3	\$497	7
Dyna-Gro	S18XT38	RRX	1.8	MR	62.0	16.2	0	135.8	\$492	8
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	61.8	16.5	1	133.6	\$490	9
Thunder	SB8814N	RRX	1.4	R	61.5	16.5	0	134.3	\$488	10
Hefty	H18X8	RRX	1.8	MR	61.0	16.4	0	132.9	\$484	11
Asgrow	AG17X8 §	RRX	1.7	R	60.9	16.6	0	134.3	\$483	12
Pfister	20R23	RR2Y	2.0	R	60.3	16.7	0	134.3	\$478	13
Latham	L1748R2	RR2Y	1.7	R	59.8	16.4	0	134.3	\$474	14
Latham	L1858R2	RR2Y	1.8	R	59.7	16.4	0	134.3	\$474	15
Latham	L1438R2	RR2Y	1.4	R	59.6	16.6	0	135.8	\$473	16
Hefty	H20X7	RRX	2.0	MR	59.5	16.3	0	134.3	\$472	17
Renk	RS149NX	RRX	1.4	R	59.5	16.8	0	132.9	\$471	18
Anderson	217RXT	RRX	2.0	MR	58.9	16.4	0	132.9	\$467	19
Anderson	159RXT	RRX	1.5	MR	58.4	16.5	0	135.0	\$463	20
Thunder	SB8916N	RRX	1.6	R	57.5	16.5	0	134.3	\$456	21
AgriGold	G1502RX	RRX	1.5	R	57.4	16.5	0	134.3	\$455	22
Latham	L2084R2	RR2Y	2.0	R	57.4	16.7	2	132.1	\$455	23
Stine	20RD20 §	RR2Y	2.0	R	57.3	16.7	0	132.9	\$454	24
NK Brand	S20-J5X §	RRX	2.0	R	57.0	16.6	0	134.3	\$452	25
Thunder	SB8818N	RRX	1.8	R	56.6	16.4	0	133.6	\$449	26
Proseed	XT71-80	RR2Y	1.8	R	56.6	16.5	0	133.6	\$449	27
AgriGold	G1710RX	RRX	1.7	R	56.1	16.3	0	135.0	\$445	28
Renk	RS169NX	RRX	1.6	R	56.1	17.1	2	133.6	\$444	29
Hefty	H14X8	RRX	1.4	MR	55.9	16.5	0	135.8	\$443	30

Averages = **56.2** **16.6** **0** **134.1** **\$446**

LSD (0.10) = 5.8 0.3 ns

LSD (0.25) = 3.0 0.1 ns

C.V. = 7.9 Prev. years avg. yield, 39.5 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

TEST COMMENTS: *This site was very level and uniform. Planting conditions were nearly perfect. The delayed harvest was due to weather conditions being a little wet. The bean plants were tough and grain moistures were a little high. Rod, our host grower, said that the site had ample rain and was lucky to miss the big pounding rains that occurred in the area. One rep removed due to excessive water issues.*

† 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: 11/02/2018 Revised:

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All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G1502RX	RRX	1.5	R	ASfi,IL	Pioneer	P16A35X §	RRX	1.6	R	None
AgriGold	G1710RX	RRX	1.7	R	ASfi,IL	Pioneer	P19A14X §	RRX	1.9	R	None
Anderson	159RXT	RRX	1.5	MR	None	Proseed	XT71-80	RR2Y	1.8	R	CMB
Anderson	168RXT	RRX	1.6	MR	None	Renk	RS149NX	RRX	1.4	R	EcTC
Anderson	188RXT	RRX	1.8	MR	None	Renk	RS169NX	RRX	1.6	R	EcTC
Anderson	217RXT	RRX	2.0	MR	None	Stine	13RI32 §	RR2Y	1.3	R	SF
Asgrow	AG14X8 §	RRX	1.4	R	AC,PV	Stine	19RF32 §	RR2Y	1.9	R	SF
Asgrow	AG17X8 §	RRX	1.7	R	AC,PV	Stine	20RD20 §	RR2Y	2.0	R	SF
Asgrow	AG20X7 §	RRX	2.0	R	AC,PV	Thunder	3914R2YN	RR2Y	1.4	R	Ret
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB	Thunder	SB8814N	RRX	1.4	R	Ret
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB	Thunder	SB8818N	RRX	1.8	R	Ret
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	Thunder	SB8916N	RRX	1.6	R	Ret
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB	Titan Pro	TP 16X77	RRX	1.6	MR	None
Dyna-Gro	S14XT98	RRX	1.4	R	EQV,Ci	Titan Pro	TP 18X97	RRX	1.8	MR	IL,PV
Dyna-Gro	S18XT38	RRX	1.8	MR	EQV,Ci	Titan Pro	TP 20X98	RRX	2.0	MR	IL,PV
Dyna-Gro	SX18716XT	RRX	1.6	R	EQV,Ci						
Federal	F1690NR2X GC	RRX	1.6	R	None						
Federal	F1880NR2X	RRX	1.8	R	None						
Federal	F195NRR2Y GC	RR2Y	1.9	R	None						
Federal	F2190NR2X	RRX	2.1	R	None						
Golden Harvest	GH1486X	RRX	1.4	R	CCB,Me						
Golden Harvest	GH1619X	RRX	1.6	R	CCB,Me						
Golden Harvest	GH1915X	RRX	1.9	R	CCB,Me						
Hefty	H13X7	RRX	1.3	MR	DST						
Hefty	H13X8	RRX	1.3	MR	DST						
Hefty	H14X8	RRX	1.4	MR	DST						
Hefty	H16X8	RRX	1.6	MR	DST						
Hefty	H17X9	RRX	1.7	MR	DST						
Hefty	H18X8	RRX	1.8	MR	DST						
Hefty	H20X7	RRX	2.0	MR	DST						
Latham	L1438R2	RR2Y	1.4	R	SS+						
Latham	L1482R2X	RRX	1.4	R	SS+						
Latham	L1748R2	RR2Y	1.7	R	SS,IL						
Latham	L1769R2X	RRX	1.7	R	SS+						
Latham	L1845R2X	RRX	1.8	MR	SS						
Latham	L1858R2	RR2Y	1.8	R	SS+						
Latham	L2045R2X	RRX	2.0	R	SS						
Latham	L2084R2	RR2Y	2.0	R	SS+						
LG Seeds	LGS2007RX	RRX	2.0	R	ASfi,IL						
NK Brand	S14-A6	RR2Y	1.4	R	CMBV						
NK Brand	S14-B2X §	RRX	1.4	R	CCB,Me						
NK Brand	S18-H3X §	RRX	1.8	R	CCB,Me						
NK Brand	S20-J5X §	RRX	2.0	R	CCB,Me						
Pfister	20R23	RR2Y	2.0	R	CCB						
Pioneer	P15T46R2 §	RR2Y	1.5	R	None						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
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 not provided	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
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

* Seed treatments may include unspecified plant health promoting components.