

2018 Soybean Top 30 Harvest Report

Minnesota Central [MNCE] CLINTON

Doug Nelson, Big Stone County, MN 56225



Test by: NewVenture, LLC, Ellendale, MN

PREV. CROP/HERB: Corn
 SOIL DESCRIPTION: Balaton-Hamerly clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 7.1 pH, 4.1% OM, 26.1 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Sonic, Flexstar GT, Dual
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 17 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 21 134,700 /A

All-Season Test
Maturity Group 1.3 - 2.0
 S2018MNCE03

Top 30 of 60

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
Thunder	3914R2YN	RR2Y	1.4	R	67.6	10.7	0	134.1	\$541	1
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	66.9	10.6	1	134.6	\$535	2
Federal	F195NRR2Y GC	RR2Y	1.9	R	66.7	10.9	0	134.6	\$534	3
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	64.9	10.7	0	134.1	\$519	4
NK Brand	S18-H3X §	RRX	1.8	R	64.8	10.5	0	135.0	\$518	5
Latham	L1858R2	RR2Y	1.8	R	64.0	10.6	0	134.1	\$512	6
Asgrow	AG17X8 §	RRX	1.7	R	63.9	10.7	0	134.1	\$511	7
NK Brand	S20-J5X §	RRX	2.0	R	63.6	10.5	0	135.5	\$509	8
Latham	L1438R2	RR2Y	1.4	R	63.4	10.6	0	136.0	\$507	9
Golden Harvest	GH1915X	RRX	1.9	R	63.3	10.6	0	136.0	\$506	10
Hefty	H14X8	RRX	1.4	MR	62.4	10.6	0	134.6	\$499	11
Stine	19RF32 §	RR2Y	1.9	R	61.8	10.5	0	135.0	\$494	12
Thunder	SB8814N	RRX	1.4	R	61.7	10.7	0	134.1	\$494	13
Latham	L1748R2	RR2Y	1.7	R	60.9	10.4	0	134.6	\$487	14
Asgrow	AG20X7 §	RRX	2.0	R	60.5	10.7	0	135.5	\$484	15
NK Brand	S14-A6	RR2Y	1.4	R	60.4	10.6	0	134.1	\$483	16
Latham	L1482R2X	RRX	1.4	R	60.1	10.7	0	135.5	\$481	17
Hefty	H17X9	RRX	1.7	MR	60.0	10.5	0	134.6	\$480	18
AgriGold	G1502RX	RRX	1.5	R	60.0	10.7	0	134.6	\$480	19
Anderson	159RXT	RRX	1.5	MR	59.8	10.6	0	135.5	\$478	20
Anderson	188RXT	RRX	1.8	MR	59.5	10.5	0	134.6	\$476	21
Titan Pro	TP 18X97	RRX	1.8	MR	59.5	10.6	1	136.0	\$476	22
Stine	20RD20 §	RR2Y	2.0	R	59.4	10.7	0	136.0	\$475	23
Renk	RS149NX	RRX	1.4	R	59.3	10.5	0	133.6	\$474	24
Dyna-Gro	S14XT98	RRX	1.4	R	59.3	10.6	0	136.5	\$474	25
Anderson	217RXT	RRX	2.0	MR	59.3	10.8	0	136.0	\$474	26
Hefty	H18X8	RRX	1.8	MR	59.2	10.7	0	133.6	\$474	27
Latham	L2084R2	RR2Y	2.0	R	59.1	10.7	0	134.6	\$473	28
Latham	L1769R2X	RRX	1.7	R	58.8	10.6	0	135.0	\$470	29
Hefty	H20X7	RRX	2.0	MR	58.7	10.3	0	135.5	\$470	30

Averages = **58.2** **10.6** **0** **134.7** **\$465**

LSD (0.10) = 5.2 ns ns

LSD (0.25) = 2.7 ns ns

C.V. = 8.5 Prev. years avg. yield, 53.9 bu/a, 12 yrs

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

TEST COMMENTS: *The planting conditions were nearly perfect at this site. The site is very level and uniform. The plant stand was very good and the plants were standing very well at harvest. Plant height was very uniform throughout the plot. Harvest was delayed due to a very wet period in early October. Overall, a very uniform plot.*

† 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: 10/22/2018 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.