

2018 Soybean Top 30 Harvest Report

Minnesota Central [MNCE] STARBUCK

Jim Langman, Sr., Pope County, MN 56231



Test by: NewVenture, LLC, Ellendale, MN

PREV. CROP/HERB: Corn / Halex GT
 SOIL DESCRIPTION: Osakis sandy loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Very high P, medium K, 7.8 pH, 2.3% OM, 23.4 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup PowerMax, Flexstar, Section, chlorpyrifos
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 22 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 22 134,500 /A

All-Season Test
Maturity Group 1.3 - 2.0
 S2018MNCE02

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
Stine	19RF32 §	RR2Y	1.9	R	57.4	11.2	0	135.5	\$459	1
Stine	13RI32 §	RR2Y	1.3	R	57.3	11.2	0	133.6	\$458	2
Golden Harvest	GH1915X	RRX	1.9	R	56.9	11.3	0	134.6	\$455	3
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	56.6	11.6	0	135.0	\$453	4
Asgrow	AG20X7 §	RRX	2.0	R	56.2	11.8	0	135.0	\$450	5
Dyna-Gro	S18XT38	RRX	1.8	MR	55.3	11.1	0	133.6	\$442	6
Pioneer	P19A14X §	RRX	1.9	R	54.9	12.3	0	131.6	\$439	7
Latham	L1438R2	RR2Y	1.4	R	54.5	11.3	0	134.1	\$436	8
NK Brand	S14-B2X §	RRX	1.4	R	53.9	11.4	0	135.0	\$431	9
Latham	L2045R2X	RRX	2.0	R	53.8	11.1	0	132.1	\$430	10
Anderson	217RXT	RRX	2.0	MR	53.8	11.4	0	135.0	\$430	11
Stine	20RD20 §	RR2Y	2.0	R	53.7	11.2	0	135.0	\$430	12
Federal	F2190NR2X	RRX	2.1	R	53.7	11.4	0	135.5	\$430	13
Hefty	H14X8	RRX	1.4	MR	53.5	11.4	0	135.0	\$428	14
Thunder	SB8916N	RRX	1.6	R	52.6	11.6	0	135.0	\$421	15
Federal	F195NRR2Y GC	RR2Y	1.9	R	52.5	11.4	0	134.1	\$420	16
Federal	F1690NR2X GC	RRX	1.6	R	52.4	11.3	0	133.6	\$419	17
Golden Harvest	GH1486X	RRX	1.4	R	51.3	11.3	0	134.1	\$410	18
Titan Pro	TP 18X97	RRX	1.8	MR	51.2	11.3	0	135.0	\$410	19
Hefty	H18X8	RRX	1.8	MR	50.7	11.3	0	134.1	\$406	20
Titan Pro	TP 20X98	RRX	2.0	MR	50.6	11.2	0	134.6	\$405	21
Latham	L1482R2X	RRX	1.4	R	50.4	11.4	0	135.0	\$403	22
Pfister	20R23	RR2Y	2.0	R	50.4	11.9	0	135.0	\$403	23
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	49.9	11.5	0	134.1	\$399	24
Thunder	3914R2YN	RR2Y	1.4	R	49.8	11.3	0	134.6	\$398	25
Hefty	H20X7	RRX	2.0	MR	49.7	11.3	0	134.1	\$398	26
AgriGold	G1710RX	RRX	1.7	R	49.3	11.6	0	135.0	\$394	27
Golden Harvest	GH1619X	RRX	1.6	R	48.9	11.4	0	136.0	\$391	28
Hefty	H16X8	RRX	1.6	MR	48.7	11.4	0	134.1	\$390	29
Hefty	H13X8	RRX	1.3	MR	48.5	11.4	0	136.0	\$388	30

Averages = **48.8** **11.5** **0** **134.5** **\$390**

LSD (0.10) = 5.4 0.4 ns

LSD (0.25) = 2.8 0.2 ns

C.V. = 10.4 Prev. years avg. yield, 47.8 bu/a, 3 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 plot was planted in very good conditions on a slight slope. Jim, our host farmer, said that there were just too many extremes this year. The season started wet, became hot and dry for a period, followed by another wet spell. Harvest was delayed due to a wet period. The bean plants were not very tall but stood very well and had lots of pods. The surrounding field was in the 49 BPA range.*

† 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: 10/23/2018 Revised:

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.