

## 2017 Soybean Top 30 Harvest Report

Minnesota North Central [ MNNC ] STARBUCK  
 Jim Langman, Sr., Pope County, MN 56381



PREV. CROP/HERB: Corn / Halex GT  
 SOIL DESCRIPTION: Hokans-Buse loam, moderately drained, non-irrigated  
 SOIL CONDITIONS: Low P, low K, 8.4 pH, 5.9% OM, 24.1 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: Jun 1 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 19 132,000 /A

**All-Season Test**  
**Maturity Group 0.6 - 1.5**  
 S2017MNNC04

**Top 30 of 63**  
 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
Latham	L0982R2	RR2Y	0.9	R	<b>51.3</b>	11.1	0	134.6	\$451	1
Asgrow	AG06X8 §	RRX	0.6	R	<b>50.8</b>	10.6	0	133.6	\$447	2
Legacy Seeds	LS-1136NRR2X	RRX	1.1	R	<b>48.5</b>	11.1	0	133.6	\$427	3
Stine	14RD62 §	RR2Y	1.4	R	47.3	10.5	0	134.6	\$416	4
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	47.2	10.9	0	134.6	\$415	5
Thunder	3614R2YN	RR2Y	1.4	R	46.8	11.0	0	133.6	\$412	6
Stine	05RH26 §	RR2Y	0.5	R	46.4	11.1	0	134.6	\$408	7
Latham	L1454EXGT	BG	1.4	S	46.3	10.8	0	133.6	\$407	8
NK Brand	S12-R3 §	RR2Y	1.2	R	46.1	11.4	0	133.6	\$406	9
Latham	L1584R2X	RRX	1.5	R	45.8	10.1	0	135.5	\$403	10
Asgrow	AG08X8 §	RRX	0.8	R	45.4	11.5	0	133.6	\$400	11
Dyna-Gro	S12RY44	RR2Y	1.2	R	45.2	10.3	0	135.5	\$398	12
NK Brand	S14-A6 §	RR2Y	1.4	R	45.2	12.2	0	134.6	\$398	13
NorthStar	NS 1492NR2 GC	RR2Y	1.4	R	44.9	11.1	0	133.1	\$395	14
Golden Harvest	GH1486X	RRX	1.4	R	44.0	10.9	0	134.1	\$387	15
Asgrow	AG11X8 §	RRX	1.1	R	44.0	11.0	0	134.6	\$387	16
Thunder	SB8814N	RRX	1.4	R	43.1	10.8	0	135.5	\$379	17
Mustang	12X928	RRX	1.2	R	42.9	10.7	0	134.1	\$378	18
Latham	L0739R2X	RRX	0.7	R	42.9	11.1	0	134.6	\$378	19
Hefty	H06X8	RRX	0.6	R	42.6	10.0	0	131.6	\$375	20
Hefty	H09X7	RRX	0.9	R	42.6	10.4	0	134.1	\$375	21
Golden Harvest	GH1253X	RRX	1.2	R	42.4	10.5	0	132.6	\$373	22
NK Brand	S08-M2 §	RRX	0.8	R	42.4	11.7	0	133.1	\$373	23
Proseed	PX709N	RRX	0.9	R	42.2	10.1	0	133.6	\$371	24
Titan Pro	TP-06X57	RRX	0.6	MR	42.2	11.1	0	135.5	\$371	25
Pioneer	P15T83R §	RR	1.5	R	41.8	11.3	0	133.1	\$368	26
Dyna-Gro	S09XT67	RRX	0.9	R	41.1	11.3	0	128.7	\$362	27
Hefty	H11X8	RRX	1.1	R	41.1	11.6	0	134.1	\$362	28
Hefty	H14X8	RRX	1.4	R	40.5	9.9	0	133.6	\$356	29
Thunder	SB8811N	RRX	1.1	R	40.3	10.1	0	134.1	\$355	30

Averages = **39.7** **11.0** **0** **132.0** **\$349**

LSD (0.10) = 8.5 ns ns

LSD (0.25) = 4.5 ns ns

C.V. = 20.4 Prev. years avg. yield, 53.3 bu/a, 2 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.80 GMO; \$8.80 non-GMO

**TEST COMMENTS:** *Planting and harvest conditions were excellent at this site. Jim, our host grower said there was just too much rain in September and October. Due to the rain there were spots of IDC scattered throughout the plot and it did hit some varieties very hard. These spots hurt the overall average yield and caused yield to vary across replications of the plot. There were a lot of flat green pods in the samples.*

† 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: 10/23/2017 Revised:



## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> 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 <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
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 <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard™
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard +™
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
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 <sup>®</sup>	TE	Trius Elite™
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaucha <sup>®</sup>	YPP	YP Pro™

\* Seed treatments may include unspecified plant health promoting components.