## 2017 Soybean Top 30 Harvest Report

Minnesota North Central [ MNNC ] FOLEY Milo Katke, Benton County, MN 56329

PREV. CROP/HERB: Corn

SOIL DESCRIPTION: Ronneby loam, poor drained, non-irrigated

SOIL CONDITIONS: Very high P, very high K, 6.0 pH, 2.4% OM, 9.7 CEC

TILLAGE/CULTIVATION: Conventional w/ fall till PEST MANAGEMENT: Flexstar, Roundup

APPLIED N-P-K (units): 0-0-0

SEEDED - RATE - ROW: Jun 2 140,000 /A 30" Spacing For Gross Income (Sorted by Yield)

HARVESTED - STAND: n/a

farmers' independent research of seed technologies

Test by: NewVenture, LLC, Ellendale, MN

All-Season Test Maturity Group 0.6 - 1.5

S2017MNNC03

Top 30 of 63

Average of (3) Replications

Company/Brand Product/Brand† Technol.† Mat. SCN Resist. Yield Bu/A Moisture Lodging Stand Gross Income Bu/A % (x 1000) \$\frac{1}{2}\$/Acre Rank

**Test Abandoned** 

Not Harvested - persistent wet weather at harvest

Averages =

LSD (0.10) =

Ed Dahle LSD (0.25) =

Prev. years avg. yield, 56.7 bu/a, 1 yr

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.70 GMO; \$8.70 non-GMO

C.V. =

**TEST COMMENTS:** The Foley area has had very wet and cool weather all season. Persistent rain and snow events caused harvest delays as well. As of Nov. 21, the soybean plants remained too tough to thresh yet many pods on several varieties had split open, spilling beans to the ground. Plant lodging was prevalent in the plot. The decision was made to abandon this test as obtaining quality yield data was not likely.

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Additional reports available at www.firstseedtests.com

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Report Date: 11/21/2017 Revised:



# 2017 Soybean - Minnesota North Central [ MNNC ]

## **All-Season Test Products (63 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG06X8 §	RRX	0.6	R	ACi
	AG00X8 §	RRX	0.8	R	ACi
Asgrow		RRX	1.1	R	ACi
Asgrow	AG11X8 § DSR-1313/R2Y	RR2Y	1.3	R	CMB
Dairyland			1.4		-
Dairyland	DSR-1475/R2Y	RR2Y		R	CMB
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB
Dyna-Gro	S09XT67	RRX	0.9	R	EQV,CI
Dyna-Gro	S11XT78	RRX	1.1	R	EQV
Dyna-Gro	S12RY44	RR2Y	1.2	R	EQV,CI
Dyna-Gro	S12XT07	RRX	1.2	MR	EQV,CI
Golden Harvest	GH1024X	RRX	1.0	MR	CCB,Me
Golden Harvest	GH1253X	RRX	1.2	R	CCB,Me
Golden Harvest	GH1486X	RRX	1.4	R	CCB,Me
Hefty	H06X8	RRX	0.6	R	DST
Hefty	H08X8	RRX	8.0	R	DST
Hefty	H09X7	RRX	0.9	R	DST
Hefty	H11X8	RRX	1.1	R	DST
Hefty	H12X7	RRX	1.2	MR	DST
Hefty	H13X7	RRX	1.3	R	DST
Hefty	H13X8	RRX	1.3	R	DST
Hefty	H14X8	RRX	1.4	R	DST
Latham	L0739R2X	RRX	0.7	R	SS+
Latham	L0858R2X	RRX	8.0	R	CCB,Me
Latham	L0982R2	RR2Y	0.9	R	SS+
Latham	L1184R2X	RRX	1.1	R	SS+
Latham	L1386R2X	RRX	1.3	R	CCB,Me
Latham	L1438R2	RR2Y	1.4	R	CCB,Me
Latham	L1454EXGT	BG	1.4	S	SS+
Latham	L1584R2X	RRX	1.5	R	SS+
Legacy Seeds	LS-0935NRR2	RR2Y	0.9	R	F,G
Legacy Seeds	LS-1136NRR2X	RRX	1.1	R	F,G
Legacy Seeds	LS-1138NRR2X	RRX	1.1	R	F,G
Legacy Seeds	LS-1338NRR2X	RRX	1.3	R	F,G
Mustang	06X628	RRX	0.6	R	F,I
Mustang	08X028	RRX	0.8	R	F,I
Mustang	12X928	RRX	1.2	R	F,I
NK Brand	S08-M2 §	RRX	0.8	R	CCB,Me
NK Brand	S12-R3 §	RR2Y	1.2	R	CCB,Me
NK Brand	S14-A6 §	RR2Y	1.4	R	CCB,Me
NorthStar	NS 1492NR2 GC	RR2Y	1.4	R	CCB
Pioneer	P10T41X §	RRX	1.0	R	EE,G
Pioneer	P14T70R2 §	RR2Y	1.4	R	EE,G,IL
Pioneer	P15T83R §	RR	1.5	R	EE,G
Proseed	PX709N	RRX	0.9	R	CMB
Proseed	PX711N	RRX	1.1	R	CMB
1 10366U	LALIN	INIVA	1.1	11	OIVID

Company/Brand	Product/Brand	Technol.		SCN	Seed Tri
Proseed	PX714N	RRX	1.4	R	CMB
Renk	RS078NX	RRX	0.7	R	AM,IL
Renk	RS096NR2	RR2Y	0.9	R	EcTC
Renk	RS118NX	RRX	1.1	R	AM,IL
Renk	RS148NX	RRX	1.4	R	AM,IL
Stine	05RH26 §	RR2Y	0.5	R	SFI
Stine	09RI62 §	RR2Y	0.9	R	SFI
Stine	14RD62 §	RR2Y	1.4	R	SFI
Thunder	3408R2YN	RR2Y	8.0	R	CMB
Thunder	3606R2YN	RR2Y	0.6	R	CMB
Thunder	3614R2YN	RR2Y	1.4	R	CMB
Thunder	SB8710N	RRX	1.0	R	CMB
Thunder	SB8807N	RRX	0.7	R	CMB
Thunder	SB8811N	RRX	1.1	R	CMB
Thunder	SB8814N	RRX	1.4	R	CMB
Titan Pro	TP-06X57	RRX	0.6	MR	IS,IL
Titan Pro	TP-08X17	RRX	0.8	MR	IS,IL
Titan Pro	TP-11X37	RRX	1.1	MR	IS,IL



## **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. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® 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> , VPMaxx <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®
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 <sup>®</sup>
ACi	Acceleron® 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 <sup>™</sup> Complete Beans	None	untreated
Cl	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®/Votivo®
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse <sup>™</sup> 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	Gaucho <sup>®</sup>	YPP	YP Pro™

<sup>\*</sup> Seed treatments may include unspecified plant health promoting components.