2017 Soybean Top 30 Harvest Report

Minnesota Central [MNCE] LITCHFIELD Tom Walsh, Meeker County, MN 55355

PREV. CROP/HERB:

Corn

SOIL DESCRIPTION:

non-irrigated

SOIL CONDITIONS:

TILLAGE/CULTIVATION:

APPLIED N-P-K (units): SEEDED - RATE - ROW:

HARVESTED - STAND:

Company/Brand

PEST MANAGEMENT:

n/a

May 27

Product/Brand†

Conventional w/ fall till

140,000 /A

Technol.†

30" Spacing

Mat.

farmers' independent research of seed technologies Test by: NewVenture, LLC, Ellendale, MN

All-Season Test

Maturity Group 1.3 - 2.0

S2017MNCE01

Top 30 of 72

For Gross Income (Sorted by Yield)

Average of (3) Replications

SCN Resist Yield Bu/A Moisture Lodging

Stand (x 1000)

Gross Income \$/Acre Rank

Test lost to hail damage



Averages =

LSD(0.10) =

Ed Dahle LSD(0.25) =

C.V. =

Prev. years avg. yield, 56.1 bu/a, 11 yrs

Yield & Income Factors: Base Moisture = 13.0%

ed.dahle@firstseedtests.com, (507) 456-6624

Shrink = 1.3

Drying = \$0.020

Prices = \$0.00 GMO; \$0.00 non-GMO

TEST COMMENTS: Test lost to a severe hail event on June 11. Seedlings were snapped off at the soil surface resulting in death of some plants while others generated new shoots. The test was abandoned when it was determined that replanting was necessary in this and many other area fields damaged by the hailstorm. The photo above shows damaged seedlings after the storm.

† 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: 9/25/2017 Revised:



2017 Soybean - Minnesota Central [MNCE]

All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Anderson	153R2Y	RR2Y	1.5	R	None
Anderson	168RXT	RRX	1.6	MR	None
Anderson	185R2Y	RR2Y	1.8	R	None
Anderson	188RXT	RRX	1.8	MR	None
Anderson	206R2Y	RR2Y	2.0	R	None
Anderson	217RXT	RRX	2.1	R	None
Asgrow	AG14X8 §	RRX	1.4	R	ACi
Asgrow	AG17X8 §	RRX	1.7	R	ACi
Asgrow	AG20X7 §	RRX	2.0	R	ACi
Dahlman	6820XN GC	RRX	2.0	R	None
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB
Dyna-Gro	S16XT58	RRX	1.6	R	EQV,CI
Dyna-Gro	S18XT38	RRX	1.8	MR	EQV,CI
Dyna-Gro	S19RY65	RR2Y	1.9	R	EQV,CI
Federal	F195NRR2Y	RR2Y	1.9	R	None
Federal	F2080NR2X	RRX	2.0	R	None
Federal	F2170NR2X	RRX	2.0	R	None
Golden Harvest	GH1915X	RRX	1.9	R	CCB,Me
Golden Harvest	GH2041X	RRX	2.0	R	CCB,Me
	H13X7	RRX	1.3	R	DST
Hefty			1.3		
Hefty	H13X8	RRX		R	DST
Hefty	H14X8	RRX	1.4	R	DST
Hefty	H16X8	RRX	1.6	R	DST
Hefty	H18X8	RRX	1.8	R	DST
Hefty	H20X7	RRX	2.0	R	DST
Latham	L1386R2X	RRX	1.3	R	CCB,Me
Latham	L1438R2	RR2Y	1.4	R	CCB,Me
Latham	L1584R2X	RRX	1.5	R	SS+
Latham	L1684R2X	RRX	1.6	R	CCB,Me
Latham	L1748R2	RR2Y	1.7	R	SS+
Latham	L1845R2X	RRX	1.8	MR	SS+
Latham	L1858R2	RR2Y	1.8	R	CCB,Me
Latham	L2084R2	RR2Y	2.0	R	CCB,Me
LG Seeds	C1870R2	RR2Y	1.8	R	ASfi,IL
Mustang	14X428	RRX	1.4	R	F,I
Mustang	16X628	RRX	1.6	R	F,I
Mustang	18X128	RRX	1.8	R	F,I
Mustang	19726	RR2Y	1.9	R	F,I
NK Brand	S14-A6 §	RR2Y	1.4	R	CCB,Me
NK Brand	S14-B2X §	RRX	1.4	R	CCB,Me
NK Brand	S18-G4X §	RRX	1.8	R	CCB,Me
NorthStar	NS 1528NR2	RR2Y	1.5	R	CCB
NorthStar	NS 61633NXR2	RRX	1.6	R	CCB

C /D I	5 1 1/5 1			CON	0 17.
Company/Brand	Product/Brand	Technol.		SCN	Seed Trt
Peterson Seed	17X18N GC	RRX	1.8	R	ACi
Peterson Seed	17X21N GC	RRX	2.1	R	ACi
Pioneer	P14T70R2 §	RR2Y	1.4	R	EE,G,IL
Pioneer	P18T26R2 §	RR2Y	1.8	R	EE,G
Pioneer	P19T55X §	RRX	1.9	R	EE,G
Prairie Brand	PB-1376R2	RR2Y	1.3	R	CMB
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CMB
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CMB
Proseed	PX714N	RRX	1.4	R	CMB
Proseed	PX716N	RRX	1.6	R	CMB
Proseed	PX718N	RRX	1.8	R	CMB
Proseed	PX720N	RRX	2.0	R	CMB
Renk	RS148NX	RRX	1.4	R	AM,IL
Renk	RS153NR2	RR2Y	1.5	R	EcTC
Renk	RS168NX	RRX	1.6	R	AM,IL
Renk	RS188NX	RRX	1.8	R	AM,IL
Renk	RS208NX	RRX	2.0	R	AM,IL
Stine	13RI32 §	RR2Y	1.3	R	SFI
Stine	19RF32 §	RR2Y	1.9	R	SFI
Stine	20RD20 §	RR2Y	2.0	R	SFI
Thunder	3614R2YN	RR2Y	1.4	R	CMB
Thunder	SB8814N	RRX	1.4	R	CMB
Thunder	SB8818N	RRX	1.8	R	CMB
Titan Pro	TP-14X27	RRX	1.4	MR	IS,IL
Titan Pro	TP-16X77	RRX	1.6	MR	IS,IL
Titan Pro	TP-18X97	RRX	1.8	MR	IS,IL
Titan Pro	TP-20X57	RRX	2.0	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 [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPMaxx [®] and XL [®] 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 [®]
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 unavailable	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
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva [™] Complete Beans	None	untreated
Cl	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho®/Votivo®
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 [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaucho [®]	YPP	YP Pro™

^{*} Seed treatments may include unspecified plant health promoting components.