

2017 Soybean Top 30 Harvest Report

Minnesota Central [MNCE] CLINTON
Doug Nelson, Big Stone County, MN 56225



PREV. CROP/HERB: Corn / Callisto, Roundup
SOIL DESCRIPTION: Fram-Vallers-Parnell silty clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Low P, low K, 7.2 pH, 3.9% OM, 21.4 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Sonic, Flexstar GT
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 31 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 14 134,000 /A

All-Season Test
Maturity Group 1.3 - 2.0
S2017MNCE03

Top 30 of 72

For Gross Income (Sorted by Yield)
Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	65.4	12.3	0	135.8	\$576	1
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	62.1	12.2	0	133.6	\$546	2
Asgrow	AG20X7 §	RRX	2.0	R	61.6	12.8	0	133.6	\$542	3
LG Seeds	C1870R2	RR2Y	1.8	R	61.2	12.2	0	133.6	\$539	4
Golden Harvest	GH1915X	RRX	1.9	R	61.0	11.8	0	133.6	\$537	5
NorthStar	NS 1528NR2	RR2Y	1.5	R	60.6	11.8	0	135.0	\$533	6
Hefty	H20X7	RRX	2.0	R	60.5	12.8	0	133.6	\$532	7
Dyna-Gro	S19RY65	RR2Y	1.9	R	60.1	12.4	0	134.3	\$529	8
Dyna-Gro	S18XT38	RRX	1.8	MR	60.0	13.5	0	135.8	\$527	9
Latham	L2084R2	RR2Y	2.0	R	59.9	16.1	0	133.6	\$523	12
Stine	13RI32 §	RR2Y	1.3	R	59.6	11.3	0	135.0	\$524	10
Latham	L1858R2	RR2Y	1.8	R	59.6	12.5	0	133.6	\$524	11
Asgrow	AG17X8 §	RRX	1.7	R	59.4	12.3	0	135.0	\$523	13
Anderson	185R2Y	RR2Y	1.8	R	59.4	12.6	0	134.3	\$523	14
Hefty	H18X8	RRX	1.8	R	59.1	14.8	0	135.0	\$518	16
Thunder	3614R2YN	RR2Y	1.4	R	59.0	11.6	0	134.3	\$519	15
Stine	20RD20 §	RR2Y	2.0	R	59.0	14.8	0	135.0	\$517	17
NK Brand	S14-A6 §	RR2Y	1.4	R	58.0	12.5	0	134.3	\$510	18
Anderson	153R2Y	RR2Y	1.5	R	58.0	12.7	0	134.3	\$510	19
Renk	RS208NX	RRX	2.0	R	57.6	16.0	2	134.3	\$503	21
Prairie Brand	PB-1787R2	RR2Y	1.7	R	57.4	11.9	0	132.9	\$505	20
Proseed	PX718N	RRX	1.8	R	57.3	14.2	0	134.3	\$503	22
Federal	F2170NR2X	RRX	2.1	R	57.0	12.8	0	134.3	\$502	23
Stine	19RF32 §	RR2Y	1.9	R	56.8	12.7	0	133.6	\$500	24
Titan Pro	TP-20X57	RRX	2.0	MR	56.8	13.8	0	133.6	\$499	25
Hefty	H14X8	RRX	1.4	R	56.6	12.2	0	134.3	\$498	26
Anderson	206R2Y	RR2Y	2.0	R	56.6	12.7	0	134.3	\$498	27
Titan Pro	TP-14X27	RRX	1.4	MR	56.5	12.6	0	134.3	\$497	28
Prairie Brand	PB-1376R2	RR2Y	1.3	R	56.4	11.0	0	132.9	\$496	29
Peterson Seed	17X18N GC	RRX	1.8	R	56.1	11.9	0	134.3	\$494	30

Averages = **55.0** **12.7** **0** **134.0** **\$484**

LSD (0.10) = 4.9 1.5 ns

LSD (0.25) = 2.6 0.8 ns

C.V. = 6.9 Prev. years avg. yield, 52.7 bu/a, 11 yrs

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

TEST COMMENTS: *At planting, the soil conditions were warm and moist. Doug, our host grower, said that it was dry for most of the growing season but has been wet since the start of harvest. The stand and emergence looked good during a June site visit. No out of the ordinary leaf diseases were noticed in September. Harvest was slow due to persistent cloudy and damp weather.*

† 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: 10/15/2017 Revised:

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All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Anderson	153R2Y	RR2Y	1.5	R	None	Peterson Seed	17X18N GC	RRX	1.8	R	ACi
Anderson	168RXT	RRX	1.6	MR	None	Peterson Seed	17X21N GC	RRX	2.1	R	ACi
Anderson	185R2Y	RR2Y	1.8	R	None	Pioneer	P14T70R2 §	RR2Y	1.4	R	EE,G,IL
Anderson	188RXT	RRX	1.8	MR	None	Pioneer	P18T26R2 §	RR2Y	1.8	R	EE,G
Anderson	206R2Y	RR2Y	2.0	R	None	Pioneer	P19T55X §	RRX	1.9	R	EE,G
Anderson	217RXT	RRX	2.1	R	None	Prairie Brand	PB-1376R2	RR2Y	1.3	R	CMB
Asgrow	AG14X8 §	RRX	1.4	R	ACi	Prairie Brand	PB-1787R2	RR2Y	1.7	R	CMB
Asgrow	AG17X8 §	RRX	1.7	R	ACi	Prairie Brand	PB-1947R2	RR2Y	1.9	R	CMB
Asgrow	AG20X7 §	RRX	2.0	R	ACi	Proseed	PX714N	RRX	1.4	R	CMB
Dahlman	6820XN GC	RRX	2.0	R	None	Proseed	PX716N	RRX	1.6	R	CMB
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB	Proseed	PX718N	RRX	1.8	R	CMB
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	Proseed	PX720N	RRX	2.0	R	CMB
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB	Renk	RS148NX	RRX	1.4	R	AM,IL
Dyna-Gro	S16XT58	RRX	1.6	R	EQV,Ci	Renk	RS153NR2	RR2Y	1.5	R	EcTC
Dyna-Gro	S18XT38	RRX	1.8	MR	EQV,Ci	Renk	RS168NX	RRX	1.6	R	AM,IL
Dyna-Gro	S19RY65	RR2Y	1.9	R	EQV,Ci	Renk	RS188NX	RRX	1.8	R	AM,IL
Federal	F195NRR2Y	RR2Y	1.9	R	None	Renk	RS208NX	RRX	2.0	R	AM,IL
Federal	F2080NR2X	RRX	2.0	R	None	Stine	13RI32 §	RR2Y	1.3	R	SFI
Federal	F2170NR2X	RRX	2.1	R	None	Stine	19RF32 §	RR2Y	1.9	R	SFI
Golden Harvest	GH1915X	RRX	1.9	R	CCB,Me	Stine	20RD20 §	RR2Y	2.0	R	SFI
Golden Harvest	GH2041X	RRX	2.0	R	CCB,Me	Thunder	3614R2YN	RR2Y	1.4	R	CMB
Hefty	H13X7	RRX	1.3	R	DST	Thunder	SB8814N	RRX	1.4	R	CMB
Hefty	H13X8	RRX	1.3	R	DST	Thunder	SB8818N	RRX	1.8	R	CMB
Hefty	H14X8	RRX	1.4	R	DST	Titan Pro	TP-14X27	RRX	1.4	MR	IS,IL
Hefty	H16X8	RRX	1.6	R	DST	Titan Pro	TP-16X77	RRX	1.6	MR	IS,IL
Hefty	H18X8	RRX	1.8	R	DST	Titan Pro	TP-18X97	RRX	1.8	MR	IS,IL
Hefty	H20X7	RRX	2.0	R	DST	Titan Pro	TP-20X57	RRX	2.0	MR	IS,IL
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 61633N XR2	RRX	1.6	R	CCB						

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. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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
CI	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	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.