

2017 Soybean Top 30 Harvest Report

Minnesota Central [MNCE] KERKHOVEN
Rod Lindquist, Swift County, MN 56252



Test by: NewVenture, LLC, Ellendale, MN

PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Arvilla-Sandberg sandy loam, well drained, non-irrigated
SOIL CONDITIONS: Low P, low K, 8.1 pH, 3.7% OM, 22.8 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Warrant Ultra, Roundup
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 28 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 19 137,200 /A

All-Season Test
Maturity Group 1.3 - 2.0
S2017MNCE02

Top 30 of 72
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
Prairie Brand	PB-1787R2	RR2Y	1.7	R	55.5	10.8	0	136.4	\$488	1
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	54.7	10.6	0	137.9	\$481	2
Peterson Seed	17X21N GC	RRX	2.1	R	53.5	11.1	4	136.9	\$471	3
Anderson	206R2Y	RR2Y	2.0	R	53.1	11.0	1	136.4	\$467	4
Prairie Brand	PB-1947R2	RR2Y	1.9	R	53.0	10.9	0	137.4	\$466	5
NK Brand	S14-A6 §	RR2Y	1.4	R	52.9	10.3	0	138.4	\$466	6
Latham	L1858R2	RR2Y	1.8	R	52.5	11.1	0	138.9	\$462	7
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	52.1	10.8	0	137.9	\$458	8
Hefty	H14X8	RRX	1.4	R	51.9	10.6	0	137.9	\$457	9
Hefty	H16X8	RRX	1.6	R	51.8	10.9	0	137.9	\$456	10
Stine	19RF32 §	RR2Y	1.9	R	51.8	11.2	0	137.9	\$456	11
Asgrow	AG14X8 §	RRX	1.4	R	51.6	10.7	0	137.9	\$454	12
Renk	RS188NX	RRX	1.8	R	51.1	11.3	1	136.9	\$450	13
Golden Harvest	GH1915X	RRX	1.9	R	51.0	10.6	0	136.9	\$449	14
Anderson	153R2Y	RR2Y	1.5	R	50.9	10.4	0	138.4	\$448	15
Mustang	19726	RR2Y	1.9	R	50.7	11.5	0	137.4	\$446	16
NK Brand	S18-G4X §	RRX	1.8	R	50.6	10.7	0	137.9	\$445	17
Hefty	H20X7	RRX	2.0	R	50.5	11.5	0	136.4	\$444	18
Asgrow	AG20X7 §	RRX	2.0	R	50.5	11.3	3	137.9	\$444	19
Proseed	PX714N	RRX	1.4	R	50.4	10.5	0	137.4	\$444	20
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	50.4	10.8	0	136.9	\$444	21
NK Brand	S14-B2X §	RRX	1.4	R	50.4	10.9	0	135.9	\$444	22
Latham	L1386R2X	RRX	1.3	R	50.2	10.9	0	137.4	\$442	23
Anderson	185R2Y	RR2Y	1.8	R	50.1	10.8	0	137.9	\$441	24
Latham	L1748R2	RR2Y	1.7	R	49.9	10.3	0	136.9	\$439	25
Latham	L2084R2	RR2Y	2.0	R	49.9	12.6	0	136.9	\$439	26
Prairie Brand	PB-1376R2	RR2Y	1.3	R	49.8	10.5	0	136.9	\$438	27
Dyna-Gro	S18XT38	RRX	1.8	MR	49.6	10.9	0	136.9	\$436	28
Thunder	SB8818N	RRX	1.8	R	49.6	11.2	1	137.4	\$436	29
Titan Pro	TP-18X97	RRX	1.8	MR	49.6	11.3	4	136.4	\$436	30

Averages = **47.7** **11.1** **0** **137.2** **\$420**

LSD (0.10) = 6.3 1.3 1.5

LSD (0.25) = 3.3 0.7 0.8

C.V. = 12.6

Prev. years avg. yield, 31.0 bu/a, 1 yr

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

TEST COMMENTS: *Near perfect harvest conditions at this site. Rod, our host grower, said the site was a little dry until August 8. He received 18" of rain from then to harvest. Iron deficiency chlorosis was minimal but impacted some plots making yields vary some this year. There were green under developed, non-mature pods at the top of some plants. Overall a good plot. Weed control was very good.*

† 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: 10/22/2017 Revised:

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	Gaucha [®]	YPP	YP Pro [™]

* Seed treatments may include unspecified plant health promoting components.