

2016 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: Winger-Balaton-Parnell loam, mod. well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 7.1 pH, 2.5 % OM, no SCN
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Roundup PowerMax, Flexstar, Section
SEEDED - RATE - ROW: May 19 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 15 133,600 /A

All-Season Test
Maturity Group 1.3 - 2.0
S2016MNCE03

Top 30 of 72

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Asgrow	AG2035 §	RR2Y	2.0	R	ACi	49.6	16.9	0	133.6	\$433
Thunder	3614R2YN	RR2Y	1.4	R	CMB	49.2	16.5	0	134.1	\$430
Titan Pro	TP-20R25	RR2Y	2.0	R	IS	48.8	16.6	0	134.1	\$426
Hefty	H13X7	RRX	1.3	MR	DST	48.6	16.7	0	134.6	\$424
Renk	RS147NR2	RR2Y	1.4	R	CMBV	46.2	16.1	0	135.0	\$404
Asgrow	AG1435 §	RR2Y	1.4	R	ACi	45.3	16.9	0	133.6	\$395
Renk	RS153NR2	RR2Y	1.5	R	CMBV	44.7	16.6	0	134.6	\$390
Latham	L1538R2	RR2Y	1.5	R	CCB,Me	44.5	16.3	0	134.6	\$389
Titan Pro	TP-18R24	RR2Y	1.8	R	IS	44.5	16.6	0	133.6	\$388
Hefty	H20X7	RRX	2.0	MR	DST	43.7	16.7	0	135.0	\$381
Titan Pro	TP-17X26	RRX	1.7	R	None	43.4	16.1	0	134.6	\$379
NorthStar	NS 1390NR2	RR2Y	1.3	R	CMBV	43.3	16.5	0	134.6	\$378
Federal	F2170NR2X	RRX	2.1	R	None	43.1	16.6	0	134.1	\$376
NorthStar	NS 1661NR2	RR2Y	1.6	R	CMBV	41.3	16.3	0	133.6	\$361
Dyna-Gro	S17RY06	RR2Y	1.7	MR	CCB	40.6	16.7	0	134.6	\$354
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In	42.3	16.2	0	134.6	\$370
Latham	L1438R2	RR2Y	1.4	R	CCB,Me	41.4	15.8	0	135.5	\$362
Federal	F185NRR2Y	RR2Y	1.8	R	None	39.5	16.7	0	134.1	\$345
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	41.1	17.8	0	134.6	\$358
Stine	14RD62 §	RR2Y	1.4	R	SFI	39.2	16.5	0	133.6	\$342
Dyna-Gro	S14RY95	RR2Y	1.4	R	CCB	40.3	15.9	0	134.1	\$352
Stine	20RD20 §	RR2Y	2.0	R	SFI	37.7	16.9	0	134.1	\$329
Titan Pro	TP-19X06	RRX	1.9	R	IS	39.0	10.7	0	134.6	\$343
Mustang	13327	RR2Y	1.3	R	ACi	37.3	16.3	0	134.6	\$326
Latham	L1673R2	RR2Y	1.6	S	SS+	36.6	17.1	0	134.1	\$319
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me	36.4	16.3	0	134.1	\$318
Federal	F205NRR2Y	RR2Y	2.0	R	None	35.3	16.8	0	133.6	\$308
NK Brand	S19-B2 §	RR2Y	1.9	R	CCB,Me	34.8	17.4	0	134.1	\$303
NorthStar	NS 61882NXR2	RRX	1.8	R	CMBV	34.0	16.3	0	134.6	\$297
Renk	RS177NX	RRX	1.8	R	CMBV	34.3	14.1	0	135.0	\$301

REJECTED

Averages = **31.4** **13.0** **0** **133.6** **\$275**

LSD (0.10) = 16.6 6.7 ns

LSD (0.25) = 11.6 4.6 ns

C.V. = 39.2 New test site, no yield history

Ed Dahle

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

TEST COMMENTS: *Spring planting conditions were near perfect. Lots of rain throughout the growing season was an issue. This site is very flat. Rod said that he did not notice water standing for too long in the test area. Iron chlorosis was prevalent throughout the whole test and reduced yield. Some plots had plants less than 6" tall and remained green until a freeze 1 week before harvest. Results are unreliable, rejected.*

† 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: 10/16/2016 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	NorthStar	NS 61882NXR2	RRX	1.8	R	CMBV
Anderson	167RXT	RRX	1.6	R	None	Pfister	14R203	RR2Y	1.4	R	CCB
Anderson	185R2Y	RR2Y	1.8	R	None	Pfister	18R201	RR2Y	1.8	R	CCB
Anderson	187RXT	RRX	1.8	R	None	Pfister	19R24	RR2Y	1.9	R	CCB
Anderson	206R2Y	RR2Y	2.0	R	None	Pioneer	P15T46R2 §	RR2Y	1.5	R	None
Anderson	217RXT	RRX	2.1	R	ACi	Pioneer	P18T26R2 §	RR2Y	1.8	R	None
Asgrow	AG1435 §	RR2Y	1.4	R	ACi	Prairie Brand	PB-1376R2	RR2Y	1.3	R	CCB,In
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	Prairie Brand	PB-1466R2	RR2Y	1.4	R	CCB,In
Asgrow	AG2035 §	RR2Y	2.0	R	ACi	Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB	Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB	Renk	RS137NX	RRX	1.3	R	CMBV
Dyna-Gro	S14RY95	RR2Y	1.4	R	CCB	Renk	RS147NR2	RR2Y	1.4	R	CMBV
Dyna-Gro	S17RY06	RR2Y	1.7	MR	CCB	Renk	RS153NR2	RR2Y	1.5	R	CMBV
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB	Renk	RS177NX	RRX	1.8	R	CMBV
Federal	F185NRR2Y	RR2Y	1.8	R	None	Renk	RS187NR2	RR2Y	1.8	R	CMB
Federal	F205NRR2Y	RR2Y	2.0	R	None	Renk	RS195NR2	RR2Y	1.9	R	CMBV
Federal	F2170NR2X	RRX	2.1	R	None	Stine	13RI32 §	RR2Y	1.3	R	SFI
Hefty	H13X7	RRX	1.3	MR	DST	Stine	14RD62 §	RR2Y	1.4	R	SFI
Hefty	H16X7	RRX	1.6	MR	DST	Stine	20RD20 §	RR2Y	2.0	R	SFI
Hefty	H17X7	RRX	1.7	MR	AM	Thunder	3614R2YN	RR2Y	1.4	R	CMB
Hefty	H18X7	RRX	1.8	MR	DST	Thunder	3619R2YN	RR2Y	1.9	R	CMB
Hefty	H20X7	RRX	2.0	MR	DST	Titan Pro	TP-16X36	RRX	1.6	R	None
Latham	L1438R2	RR2Y	1.4	R	CCB,Me	Titan Pro	TP-17X26	RRX	1.7	R	None
Latham	L1538R2	RR2Y	1.5	R	CCB,Me	Titan Pro	TP-18R24	RR2Y	1.8	R	IS
Latham	L1673R2	RR2Y	1.6	S	SS+	Titan Pro	TP-19X06	RRX	1.9	R	IS
Latham	L1759R2X	RRX	1.7	R	CCB,Me	Titan Pro	TP-20R25	RR2Y	2.0	R	IS
Latham	L1858R2	RR2Y	1.8	R	CCB,Me						
Latham	L1882R2	RR2Y	1.8	R	CCB,Me						
Latham	L2048R2X	RRX	2.0	R	SS+						
Latham	L2084R2	RR2Y	2.0	R	CCB,Me						
LG Seeds	C1428R2	RR2Y	1.4	R	CCB						
Mustang	13327	RR2Y	1.3	R	ACi						
Mustang	13X927	RRX	1.3	R	ACi						
Mustang	17X726	RRX	1.7	R	ACi						
Mustang	19726	RR2Y	1.9	R	NCFI						
NK Brand	S17-B3 §	RR2Y	1.7	R	CCB,Me						
NK Brand	S19-B2 §	RR2Y	1.9	R	CCB,Me						
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me						
NorthStar	NS 1390NR2	RR2Y	1.3	R	CMBV						
NorthStar	NS 1528NR2	RR2Y	1.5	R	None						
NorthStar	NS 1661NR2	RR2Y	1.6	R	CMBV						
NorthStar	NS 1776NR2	RR2Y	1.7	R	CMBV						
NorthStar	NS 1911NR2	RR2Y	1.9	R	CMBV						
NorthStar	NS 1916NR2	RR2Y	2.0	R	CMBV						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

* Seed treatments may include unspecified plant health promoting components.