

2016 Soybean Top 30 Harvest Report

Minnesota Central [MNCE] STARBUCK
Jim Langman, Sr., Pope County, MN 56231



PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Hokans-Buse loam, moderately drained, non-irrigated
SOIL CONDITIONS: High P, moderate K, 8.1 pH, 2.7 % OM, no SCN
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Sonic, Roundup PowerMax, Section, Warrior
SEEDED - RATE - ROW: May 18 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 10 135,000 /A

All-Season Test
Maturity Group 1.3 - 2.0
S2016MNCE02

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
Hefty	H20X7	RRX	2.0	MR	DST	74.9	14.2	0	135.0	\$657
Pfister	19R24	RR2Y	1.9	R	CCB	66.8	14.7	0	136.0	\$586
Mustang	19726	RR2Y	1.9	R	NCFI	65.8	13.9	0	136.0	\$578
Anderson	206R2Y	RR2Y	2.0	R	None	64.2	14.6	0	135.0	\$563
NorthStar	NS 1911NR2	RR2Y	1.9	R	CMBV	62.9	13.8	0	135.5	\$553
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB	62.5	14.0	0	136.5	\$549
Titan Pro	TP-18R24	RR2Y	1.8	R	IS	62.5	14.5	0	135.0	\$548
Federal	F205NRR2Y	RR2Y	2.0	R	None	62.0	14.6	0	136.0	\$544
Latham	L1858R2	RR2Y	1.8	R	CCB,Me	61.8	14.0	0	136.0	\$543
Dyna-Gro	S17RY06	RR2Y	1.7	MR	CCB	61.6	14.7	3	133.6	\$540
Stine	13RI32 §	RR2Y	1.3	R	SFI	61.4	14.6	0	134.6	\$538
Asgrow	AG2035 §	RR2Y	2.0	R	ACi	61.4	14.8	0	135.5	\$538
Federal	F2170NR2X	RRX	2.1	R	None	61.3	14.0	0	133.6	\$538
NorthStar	NS 1776NR2	RR2Y	1.7	R	CMBV	61.3	14.3	0	136.0	\$538
Latham	L1438R2	RR2Y	1.4	R	CCB,Me	60.6	14.1	0	136.5	\$532
Renk	RS153NR2	RR2Y	1.5	R	CMBV	60.2	14.5	0	134.6	\$528
Asgrow	AG1435 §	RR2Y	1.4	R	ACi	60.1	14.3	0	133.6	\$527
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In	60.0	14.0	0	135.5	\$527
Titan Pro	TP-19X06	RRX	1.9	R	IS	59.8	14.4	0	136.0	\$525
Renk	RS195NR2	RR2Y	1.9	R	CMBV	59.7	13.8	0	135.0	\$524
Thunder	3614R2YN	RR2Y	1.4	R	CMB	59.7	14.6	0	134.1	\$523
Federal	F185NRR2Y	RR2Y	1.8	R	None	59.6	14.4	1	134.1	\$523
NK Brand	S19-B2 §	RR2Y	1.9	R	CCB,Me	59.0	14.9	0	134.6	\$517
Titan Pro	TP-20R25	RR2Y	2.0	R	IS	58.8	14.6	0	135.0	\$516
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	58.5	14.5	0	134.6	\$513
Hefty	H13X7	RRX	1.3	MR	DST	58.4	14.9	0	135.5	\$512
Mustang	13327	RR2Y	1.3	R	ACi	58.3	14.4	0	135.0	\$511
Pioneer	P18T26R2 §	RR2Y	1.8	R	None	58.0	14.3	0	134.6	\$509
Renk	RS147NR2	RR2Y	1.4	R	CMBV	57.6	14.5	0	135.5	\$505
Anderson	185R2Y	RR2Y	1.8	R	None	57.5	14.5	0	134.6	\$504

Averages = **57.1** **14.3** **0** **135.0** **\$501**

LSD (0.10) = 6.5 0.3 1

LSD (0.25) = 4.5 0.2 1

C.V. = 8.4 Prev. years avg. yield, 52.2 bu/a, 1 yr

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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: *This site was planted on a slight downslope which was a good thing this year due to the abundant rainfall the entire season. Plant height here was a little shorter than other plots, in the 36 - 40" tall range. Plant stand was very uniform and very little lodging was noted. During my site visits, I did not notice more than the common leaf diseases. Jim said the beans around the plot yielded in the mid 50s.*

† 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: 10/12/2016 Revised:

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.