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

All-Season Test Maturity Group 1.3 - 2.0

S2016MNCE02

Top 30 of 72

For Gross Income (Sorted by Yield)

Average of (3) Replications

HARVESTED - STAND:	Oct 10	135,000 /A						Aver	age of (3) F	Replications
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Brand	d† Technol.†	Mat.	Resist.	Trt.†	◆ Bu/A	%	%	(x 1000)	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
					5D (0.10) =		0.3	1		400 i
Ed Dahle					SD(0.10) = SD(0.25) =		0.3	1		
ed.dahle@firstseed	tests com (507) 4	156-6624		L	C.V. =			•	;. yield, 52.2	hu/a 1 vr
cu.uamo@msiseeu	10010.00111, (007) 4	00 0024			C.v	0.4	FIEV.	y cars ave	, yiciu, JZ.Z	. ου/α, τ γι

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 unform 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.

Additional reports available at www.firstseedtests.com

©2016, all rights reserved by Agronomic Seed Consulting, Inc.

Report Date: 10/12/2016 Revised:



2016 Soybean - Minnesota Central [MNCE]

All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Company/Brand	Product/Brand				
Anderson	153R2Y	RR2Y	1.5	R	None None
Anderson	167RXT	RRX	1.6	R	
Anderson	185R2Y	RR2Y	1.8	R	None
Anderson	187RXT	RRX	1.8	R	None
Anderson	206R2Y	RR2Y	2.0	R	None
Anderson	217RXT	RRX	2.1	R	ACi
Asgrow	AG1435 §	RR2Y	1.4	R	ACi
Asgrow	AG1935 §	RR2Y	1.9	R	ACi
Asgrow	AG2035 §	RR2Y	2.0	R	ACi
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB
Dyna-Gro	S14RY95	RR2Y	1.4	R	CCB
Dyna-Gro	S17RY06	RR2Y	1.7	MR	CCB
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB
Federal	F185NRR2Y	RR2Y	1.8	R	None
Federal	F205NRR2Y	RR2Y	2.0	R	None
Federal	F2170NR2X	RRX	2.1	R	None
Hefty	H13X7	RRX	1.3	MR	DST
Hefty	H16X7	RRX	1.6	MR	DST
Hefty	H17X7	RRX	1.7	MR	AM
Hefty	H18X7	RRX	1.8	MR	DST
Hefty	H20X7	RRX	2.0	MR	DST
Latham	L1438R2	RR2Y	1.4	R	CCB,Me
Latham	L1538R2	RR2Y	1.5	R	CCB,Me
Latham	L1673R2	RR2Y	1.6	S	SS+
Latham	L1759R2X	RRX	1.7	R	CCB,Me
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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
NorthStar	NS 61882NXR2	RRX	1.8	R	CMBV
Pfister	14R203	RR2Y	1.4	R	CCB
Pfister	18R201	RR2Y	1.8	R	CCB
Pfister	19R24	RR2Y	1.9	R	CCB
Pioneer	P15T46R2 §	RR2Y	1.5	R	None
Pioneer	P18T26R2 §	RR2Y	1.8	R	None
Prairie Brand	PB-1376R2	RR2Y	1.3	R	CCB,In
Prairie Brand	PB-1466R2	RR2Y	1.4	R	CCB,In
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In
Renk	RS137NX	RRX	1.3	R	CMBV
Renk	RS147NR2	RR2Y	1.4	R	CMBV
Renk	RS153NR2	RR2Y	1.5	R	CMBV
Renk	RS177NX	RRX	1.8	R	CMBV
Renk	RS187NR2	RR2Y	1.8	R	CMB
Renk	RS195NR2	RR2Y	1.9	R	CMBV
Stine	13RI32 §	RR2Y	1.3	R	SFI
Stine	14RD62 §	RR2Y	1.4	R	SFI
Stine	20RD20 §	RR2Y	2.0	R	SFI
Thunder	3614R2YN	RR2Y	1.4	R	CMB
Thunder	3619R2YN	RR2Y	1.9	R	CMB
Titan Pro	TP-16X36	RRX	1.6	R	None
Titan Pro	TP-17X26	RRX	1.7	R	None
Titan Pro	TP-18R24	RR2Y	1.8	R	IS
Titan Pro	TP-19X06	RRX	1.9	R	IS
Titan Pro	TP-20R25	RR2Y	2.0	R	IS



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

LL	LibertyLink®
None	Conventional, non-GMO
Р	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
Cl	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		

 $[\]ensuremath{^{*}}$ Seed treatments may include unspecified plant health promoting components.