

2016 Soybean Top 30 Harvest Report

Minnesota South [MNSO] EASTON

Dru Martin, Faribault County, MN 56025



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / SureStart, Roundup
 SOIL DESCRIPTION: Marna, Guckeen silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.6 pH, 4.2 % OM, low SCN
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Abundit Extra, Trivence, Headline, Asana XL
 SEEDED - RATE - ROW: May 19 140,200 /A 30" Spacing
 HARVESTED - STAND: Oct 11 132,200 /A

Early-Season Test

Maturity Group 1.6 - 2.0

S2016MNSO02a

Top 30 of 42

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
NorthStar	NS 1911NR2	RR2Y	1.9	R	CMBV	82.5	11.1	0	132.0	\$722
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In	82.5	12.1	0	135.2	\$722
Stine	19RF32 §	RR2Y	1.9	R	SFI	79.6	11.2	0	131.0	\$697
LG Seeds	C1870R2	RR2Y	1.8	R	CCB	78.9	11.4	0	128.2	\$690
Asgrow	AG1636 §	RR2Y	1.6	R	ACi	78.1	12.1	0	134.3	\$683
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In	78.0	11.0	0	130.6	\$683
Pfister	18R201	RR2Y	1.8	R	CCB	77.6	11.0	0	135.2	\$679
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In	77.5	11.5	0	129.6	\$678
Pfister	19R24	RR2Y	1.9	R	CCB	77.1	11.5	0	133.8	\$675
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB	76.3	11.2	0	133.4	\$668
Cornelius	CB19R71	RR2Y	1.9	R	CMBV,IL	76.3	11.4	0	130.1	\$668
Prairie Brand	PB-1822R2	RR2Y	1.8	R	CCB,In	75.9	11.6	0	134.3	\$664
Renk	RS195NR2	RR2Y	1.9	R	CMBV	75.8	11.8	0	132.9	\$663
Cornelius	CB18X97	RRX	1.8	R	ACi	75.6	11.4	0	132.4	\$662
Mustang	17X726	RRX	1.7	R	ACi	75.5	11.6	0	132.0	\$661
Latham	L1858R2	RR2Y	1.8	R	CCB,Me	75.4	11.0	0	132.0	\$660
Anderson	167RXT	RRX	1.6	R	None	75.3	11.3	0	131.0	\$659
Stine	17RH03 §	RR2Y	1.7	S	SFI	75.3	11.4	0	131.0	\$659
Mustang	19726	RR2Y	1.9	R	NCFI	75.0	10.9	0	135.2	\$656
Latham	L1759R2X	RRX	1.7	R	CCB,Me	74.9	11.3	0	128.2	\$655
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	74.9	11.6	0	129.6	\$655
Latham	L1882R2	RR2Y	1.8	R	CCB,Me	74.4	11.6	0	136.1	\$651
Hefty	H17X7	RRX	1.7	MR	AM	74.3	11.3	0	131.0	\$650
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB	74.3	12.1	0	133.4	\$650
NorthStar	NS 61882NXR2	RRX	1.8	R	CMBV	74.2	11.8	0	132.9	\$649
Titan Pro	TP-19X06	RRX	1.9	R	IS	74.0	11.1	0	135.2	\$648
Hefty	H18X7	RRX	1.8	MR	DST	73.8	12.0	0	133.8	\$646
Dyna-Gro	S17RY67	RR2Y	1.7	R	CCB	73.7	11.4	0	134.3	\$645
Mustang	18X827	RRX	1.8	R	ACi	73.4	11.6	0	132.0	\$642
Latham	E1748R2	RR2Y	1.7	R	CCB,Me	73.2	11.6	0	132.0	\$641
Dahlman	5721NRR2Y CK	RR2Y	2.1	R	None	72.7	12.0	0	134.3	\$636

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Averages =	74.4	11.5	0	132.2	\$651
LSD (0.10) =	6.6	0.6	ns		
LSD (0.25) =	4.6	0.4	ns		
C.V. =	6.5				Prev. years avg. yield, 52.4 bu/a, 13 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.75 GMO; \$8.75 non-GMO

TEST COMMENTS: *Dru told me that his soybean yields have been the best he has ever seen. His field averages have ranged from 63 to 75 bpa. Plant height was above normal this year, and both pod number and large bean size contributed to excellent yield results. SDS was not evident here, but was in a few area fields. Soil moisture was on the verge of too much all summer, but no big rainfall events damaged this plot.*

† 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 Top 30 Harvest Report

Minnesota South [MNSO] EASTON
Dru Martin, Faribault County, MN 56025



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / SureStart, Roundup
SOIL DESCRIPTION: Marna, Guckeen silty clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.6 pH, 4.2 % OM, low SCN
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Abundit Extra, Trivence, Headline, Asana XL
SEEDED - RATE - ROW: May 19 140,200 /A 30" Spacing
HARVESTED - STAND: Oct 11 132,400 /A

Full-Season Test
Maturity Group 2.1 - 2.3
S2016MNSO02b

Top 30 of 45
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
Latham	L2184R2X	RRX	2.1	R	SS	83.6	11.5	0	133.4	\$732
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV	81.6	11.2	0	132.9	\$714
LG Seeds	C2126RX	RRX	2.1	R	CCB	80.8	11.5	0	133.4	\$707
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CCB,In	79.9	11.2	0	131.5	\$699
Anderson	217RXT	RRX	2.1	R	ACi	79.9	11.5	0	132.0	\$699
Dyna-Gro	S21XT77	RRX	2.1	R	ACi	78.6	11.4	0	131.5	\$688
Pioneer	P22T73R §	RR	2.2	R	EE,G	78.6	11.5	0	133.4	\$688
Renk	RS207NX	RRX	2.0	R	CMBV	78.1	11.4	0	128.7	\$683
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	77.2	11.6	0	134.3	\$676
Cornelius	CB21X22	RRX	2.1	R	ACi	77.2	12.0	0	134.3	\$676
Viking	2055R2N	RR2Y	2.0	R	CMBV	77.1	12.4	0	133.8	\$675
Hefty	H20X7	RRX	2.0	MR	DST	76.6	11.2	0	128.2	\$670
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me	75.7	11.5	0	134.7	\$662
Federal	F2170NR2X	RRX	2.1	R	None	75.4	11.2	0	130.1	\$660
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	75.2	11.7	0	134.7	\$658
Dyna-Gro	S20RY45	RR2Y	2.0	R	CCB	74.5	11.8	0	133.4	\$652
LG Seeds	C2255R2	RR2Y	2.2	R	CCB	74.0	11.1	0	129.6	\$648
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In	74.0	11.3	0	130.1	\$648
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me	73.9	11.2	0	132.4	\$647
Renk	RS213NR2	RR2Y	2.1	R	CMBV	73.5	10.9	0	131.5	\$643
Latham	L2128R2	RR2Y	2.1	R	CCB,Me	73.2	11.8	0	132.9	\$641
Hefty	H21X6	RRX	2.1	MR	DST	73.1	11.4	0	135.2	\$640
Latham	L2084R2	RR2Y	2.0	R	CCB,Me	73.0	11.5	0	133.4	\$639
Mustang	21X127	RRX	2.1	R	ACi	72.7	11.1	0	132.4	\$636
Titan Pro	TP-21X46	RRX	2.1	R	None	72.6	11.3	0	133.8	\$635
Anderson	206R2Y	RR2Y	2.0	R	None	72.5	11.7	0	132.9	\$634
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL	72.3	11.0	0	130.1	\$633
Prairie Brand	PB-2024R2	RR2Y	2.1	R	CCB,In	72.1	11.5	0	134.3	\$631
Pfister	21R205	RR2Y	2.1	R	CCB	72.0	11.3	0	130.1	\$630
Asgrow	AG2035 §	RR2Y	2.0	R	ACi	72.0	11.6	0	133.4	\$630
Dahlman	5721NRR2Y CK	RR2Y	2.1	R	None	70.1	11.6	0	134.7	\$613

Mark Querna
mark.querna@firstseedtests.com, (507) 380-9920

Averages =	73.6	11.5	0	132.4	\$644
LSD (0.10) =	6.8	ns	ns		
LSD (0.25) =	4.7	ns	ns		
C.V. =	6.8			Prev. years avg. yield, 52.4 bu/a, 13 yrs	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.75 GMO; \$8.75 non-GMO

TEST COMMENTS: *Dru told me that his soybean yields have been the best he has ever seen. His field averages have ranged from 63 to 75 bpa. Plant height was above normal this year, and both pod number and large bean size contributed to excellent yield results. SDS was not evident here, but was in a few area fields. Soil moisture was on the verge of too much all summer, but no big rainfall events damaged this plot.*

† 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
Report Date: 10/12/2016 Revised:

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

2016 Soybean - Minnesota South [MNSO]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Anderson	206R2Y	RR2Y	2.0	R	None						
Anderson	217RXT	RRX	2.1	R	ACi						
Asgrow	AG2035 §	RR2Y	2.0	R	ACi						
Cornelius	CB20R44	RR2Y	2.0	R	CMBV,IL						
Cornelius	CB21X22	RRX	2.1	R	ACi						
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL						
Dahlman	5721NRR2Y CK	RR2Y	2.1	R	None						
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB						
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB						
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB						
Dyna-Gro	S20RY45	RR2Y	2.0	R	CCB						
Dyna-Gro	S21XT77	RRX	2.1	R	ACi						
Federal	F2170NR2X	RRX	2.1	R	None						
Federal	F226NRR2Y	RR2Y	2.2	R	None						
Hefty	H20X7	RRX	2.0	MR	DST						
Hefty	H21X6	RRX	2.1	MR	DST						
Hefty	H23X7	RRX	2.3	S	DST						
Latham	L2084R2	RR2Y	2.0	R	CCB,Me						
Latham	L2128R2	RR2Y	2.1	R	CCB,Me						
Latham	L2184R2X	RRX	2.1	R	SS						
Latham	L2228R2	RR2Y	2.2	R	CCB,Me						
LG Seeds	C2126RX	RRX	2.1	R	CCB						
LG Seeds	C2255R2	RR2Y	2.2	R	CCB						
Mustang	21X127	RRX	2.1	R	ACi						
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me						
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me						
NorthStar	NS 2111NR2	RR2Y	2.1	R	CMBV						
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV						
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV						
NorthStar	NS 62332NXR2	RRX	2.3	R	CMBV						
Pfister	21R201	RR2Y	2.1	R	CCB						
Pfister	21R205	RR2Y	2.1	R	CCB						
Pioneer	P22T69R §	RR	2.2	R	None						
Pioneer	P22T73R §	RR	2.2	R	EE,G						
Prairie Brand	PB-2024R2	RR2Y	2.1	R	CCB,In						
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CCB,In						
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In						
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In						
Renk	RS207NX	RRX	2.0	R	CMBV						
Renk	RS213NR2	RR2Y	2.1	R	CMBV						
Stine	20RD20 §	RR2Y	2.0	R	SFI						
Titan Pro	TP-20R25	RR2Y	2.0	R	IS						
Titan Pro	TP-21R55	RR2Y	2.1	R	IS						
Titan Pro	TP-21X46	RRX	2.1	R	None						
Viking	2055R2N	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. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® 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.