

# 2015 Soybean Top 30 Harvest Report

Minnesota South [ MNSO ] KASSON  
 Brian Herbst, Dodge County, MN 55944



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / Laudis, atrazine, Staunch  
 SOIL DESCRIPTION: Readlyn silt loam, well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.6 pH, 3.2 % OM, low SCN  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Optill, Sharpen, Flexstar, Roundup PowerMax  
 SEEDED - RATE - ROW: May 5 140,100 /A 30" Spacing  
 HARVESTED - STAND: Oct 7 132,000 /A

## Early-Season Test

1.6 - 2 Day RM  
 S2015MNSO02a

## Top 30 of 42

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Thunder	3619R2YN	RR2Y	1.90	R	CMB	<b>73.5</b>	9.7	0	131.5	\$625
Cornelius	CB19R71	RR2Y	1.90	R	CCB	<b>72.3</b>	10.1	0	131.5	\$615
NK Brand	S15-P1	RR2Y	1.50	MR	CCB	<b>70.8</b>	10.6	0	132.9	\$602
Hefty	H19R6	RR2Y	1.90	MR	DST	<b>70.8</b>	10.8	0	131.5	\$602
Channel	1709R2	RR2Y	1.70	R	ACi	70.2	9.7	0	134.3	\$597
Latham	L1858R2	RR2Y	1.80	R	CMB,CI	69.2	10.1	0	133.4	\$588
Mustang	19726	RR2Y	1.90	S	AC,PV	68.7	9.9	0	129.6	\$584
Gold Country	1414	RR2Y	1.40	R	ACi	68.7	10.5	0	131.5	\$584
Latham	L1734R2	RR2Y	1.70	MR	CMB,CI	68.6	9.9	0	132.0	\$583
Hefty	H18R5	RR2Y	1.80	MR	DST	68.4	10.4	0	134.3	\$581
Renk	RS195NR2	RR2Y	1.90	R	None	67.9	9.7	0	134.3	\$577
Latham	L1673R2	RR2Y	1.60	S	CMB,CI	67.8	9.7	0	129.6	\$576
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB	67.5	10.3	0	133.4	\$574
Viking	1776R2N	RR2Y	1.70	R	PV,IL	67.5	10.3	0	131.0	\$574
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV	67.4	10.4	0	132.0	\$573
Cornelius	CB19R86	RR2Y	1.90	R	CCB	67.0	10.1	0	133.4	\$570
Pioneer	P19T78R	RR	1.90	R	EE,C,CI	66.8	9.9	0	129.6	\$568
Pioneer	P19T60R §	RR	1.90	R	EE,C,CI	66.8	10.3	0	132.0	\$568
Dairyland	DSR-1721/R2Y	RR2Y	1.70	R	CMB	66.7	10.2	0	132.9	\$567
Thunder	3617R2Y	RR2Y	1.70	S	CMB	66.6	10.2	0	130.6	\$566
Croplan	R2C1750	RR2Y	1.70	R	None	66.5	10.2	0	130.6	\$565
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	66.1	9.9	0	132.4	\$562
Dyna-Gro	S19RY65	RR2Y	1.90	R	CCB	66.1	10.5	0	130.6	\$562
Prairie Brand	PB-1586R2	RR2Y	1.50	MR	CMBV	65.9	10.2	0	133.4	\$560
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	65.6	10.6	0	132.4	\$558
Pfister	17R28	RR2Y	1.70	R	CCB	65.2	9.9	0	133.4	\$554
Channel	1808R2	RR2Y	1.80	R	ACi	64.9	10.3	0	128.7	\$552
Asgrow	AG1935 §	RR2Y	1.90	R	ACi	64.8	10.4	0	131.5	\$551
Renk	RS175NR2	RR2Y	1.70	R	None	64.8	10.8	0	129.2	\$551
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV	64.7	10.3	0	132.9	\$550
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV	62.7	10.5	0	132.4	\$533

Mark Querna  
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Averages =	<b>66.2</b>	<b>10.3</b>	<b>0</b>	<b>132.0</b>	<b>\$563</b>
LSD (0.10) =	4.6	0.6	0		
LSD (0.25) =	3.2	0.4	0		
C.V. =	5.1	4.3			

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.50 GMO; \$8.50 non-GMO

**TEST COMMENTS:** Brian's site experienced mostly ideal conditions, with timely and adequate rainfall. June, July and August were 2 degrees below normal temp averages. The lack of heat stress played a huge role in final yields. Priaxor fungicide and Province insecticide (for aphids) were applied to these tests. Plants have excellent vegetative growth, and yields have averaged 64-72 bpa across whole fields.

† 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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 PEST MANAGEMENT: Optill, Sharpen, Flexstar, Roundup PowerMax  
 SEEDED - RATE - ROW: May 5 140,100 /A 30" Spacing  
 HARVESTED - STAND: Oct 7 132,300 /A

## Full-Season Test

2.1 - 2.3 Day CRM

S2015MNSO02b

## Top 30 of 45

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income	
Viking	2055R2N	RR2Y	2.00	R	CMB	<b>70.3</b>	10.8	0	131.5	\$598	
Stine	20RD20 §	RR2Y	2.00	R	Sfi	68.9	11.2	0	128.7	\$586	
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	68.5	10.5	0	132.9	\$582	
Prairie Brand	PB-2296R2	RR2Y	2.20	R	CMBV	67.2	10.6	0	134.7	\$571	
Latham	L2084R2	RR2Y	2.00	R	SS+	66.7	11.1	0	137.1	\$567	
Channel	2108R2	RR2Y	2.10	R	ACi	66.6	10.9	0	135.7	\$566	
Viking	2000R2N	RR2Y	2.00	R	PV,IL	66.5	10.8	0	132.9	\$565	
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB	66.2	11.0	0	131.0	\$563	
Viking	2282R2N	RR2Y	2.20	R	PV,IL	66.0	10.3	0	132.4	\$561	
Gold Country	2114	RR2Y	2.10	R	ACi	65.5	10.4	0	131.5	\$557	
Titan Pro	TP-20R25	RR2Y	2.00	R	CCB	65.5	10.5	0	134.7	\$557	
Prairie Brand	PB-2156R2	RR2Y	2.10	R	CMBV	65.3	11.6	0	132.0	\$555	
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	65.2	10.6	0	132.9	\$554	
Renk	RS213NR2	RR2Y	2.10	R	CMB	65.1	10.8	0	131.0	\$553	
Titan Pro	20M1	RR2Y	2.00	R	CCB	64.6	10.9	0	131.5	\$549	
Pioneer	P22T61R §	RR	2.20	R	EE,C,CI	64.2	10.3	0	130.6	\$546	
Dyna-Gro	S20RY45	RR2Y	2.00	R	CCB	63.7	10.9	0	135.7	\$541	
NK Brand	S21-M7 §	RR2Y	2.10	R	CCB	63.6	10.4	0	130.1	\$541	
Pfister	21R201	RR2Y	2.10	R	CCB	63.5	10.5	0	132.9	\$540	
Hefty	H20R3	RR2Y	2.00	MR	DST	63.5	11.0	0	133.4	\$540	
Cornelius	CB20R14	RR2Y	2.00	R	CCB	63.4	10.6	0	132.9	\$539	
Cornelius	CB20R44	RR2Y	2.00	R	CCB	63.4	11.3	0	132.4	\$539	
Dairyland	DSR-2330/R2Y	RR2Y	2.30	R	CMB	62.7	11.0	0	132.0	\$533	
Prairie Brand	PB-2024R2	RR2Y	2.10	R	CMBV	62.6	11.0	0	132.0	\$532	
Dyna-Gro	S21RY56	RR2Y	2.10	R	CCB	62.5	10.7	0	130.1	\$531	
Latham	L2228R2	RR2Y	2.20	R	CMB,CI	62.5	10.8	0	131.0	\$531	
Dairyland	DSR-2110/R2Y	RR2Y	2.10	R	CMB	62.3	10.8	0	132.4	\$530	
Asgrow	AG2035 §	RR2Y	2.00	R	ACi	62.3	11.2	0	133.4	\$530	
Dyna-Gro	S20RY94	RR2Y	2.00	R	CCB	60.4	11.0	0	130.1	\$513	
Channel	2309R2	RR2Y	2.30	R	ACi	60.2	10.8	0	130.6	\$512	
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV	64.7	10.6	0	133.4	\$550	
						Averages =	<b>62.2</b>	<b>10.9</b>	<b>0</b>	<b>132.3</b>	<b>\$529</b>
						LSD (0.10) =	6.8	0.7	0		
						LSD (0.25) =	4.7	0.5	0		
						C.V. =	8.1	5.0			

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2015 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
Asgrow	AG2035 §	RR2Y	2.00	R	ACi						
Asgrow	AG2136 §	RR2Y	2.10	R	ACi						
Channel	2108R2	RR2Y	2.10	R	ACi						
Channel	2309R2	RR2Y	2.30	R	ACi						
Cornelius	CB20R14	RR2Y	2.00	R	CCB						
Cornelius	CB20R44	RR2Y	2.00	R	CCB						
Cornelius	CB22R34	RR2Y	2.20	R	CCB						
Croplan	R2C2200	RR2Y	2.20	R	None						
Dairyland	DSR-2110/R2Y	RR2Y	2.10	R	CMB						
Dairyland	DSR-2330/R2Y	RR2Y	2.30	R	CMB						
Dyna-Gro	S20RY45	RR2Y	2.00	R	CCB						
Dyna-Gro	S20RY94	RR2Y	2.00	R	CCB						
Dyna-Gro	S21RY56	RR2Y	2.10	R	CCB						
Gold Country	2114	RR2Y	2.10	R	ACi						
Gold Country	2315	RR2Y	2.30	R	ACi						
Hefty	H20R3	RR2Y	2.00	MR	DST						
Hefty	H21R6	RR2Y	2.10	MR	DST						
Hefty	H24R6	RR2Y	2.30	MR	DST						
Latham	L2084R2	RR2Y	2.00	R	SS+						
Latham	L2128R2	RR2Y	2.10	R	CMB,Ci						
Latham	L2228R2	RR2Y	2.20	R	CMB,Ci						
Latham	L2387R2	RR2Y	2.30	R	CMB,Ci						
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV						
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB						
NK Brand	S21-M7 §	RR2Y	2.10	R	CCB						
Pfister	21R201	RR2Y	2.10	R	CCB						
Pioneer	P22T61R §	RR	2.20	R	EE,C,Ci						
Pioneer	P22T69R §	RR	2.20	R	EE,C,Ci						
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV						
Prairie Brand	PB-2024R2	RR2Y	2.10	R	CMBV						
Prairie Brand	PB-2156R2	RR2Y	2.10	R	CMBV						
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV						
Prairie Brand	PB-2296R2	RR2Y	2.20	R	CMBV						
Renk	RS213NR2	RR2Y	2.10	R	CMB						
Renk	RS216NR2	RR2Y	2.10	R	None						
Stine	20RD20 §	RR2Y	2.00	R	Sfi						
Stine	20RF23 §	RR2Y	2.00	R	Sfi						
Stine	22RD00 §	RR2Y	2.20	R	Sfi						
Titan Pro	20M1	RR2Y	2.00	R	CCB						
Titan Pro	TP-20R25	RR2Y	2.00	R	CCB						
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB						
Viking	2000R2N	RR2Y	2.00	R	PV,IL						
Viking	2055R2N	RR2Y	2.00	R	CMB						
Viking	2282R2N	RR2Y	2.20	R	PV,IL						
Viking	2301R2N	RR2Y	2.30	R	PV,IL						

## 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
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonylurea herbicide tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
?	info unavailable

### Soybean Seed Treatments\*

?	Information not provided	En	Encase®
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	Gr	Great Start™ Max
AV	Avicta®	IL	ILeVO®
AVB	Avicta® Complete Beans	IS	Intego™ Suite
C	Cruiser®	None	untreated
CC	Curry® Coat	PS	MAS ProShield™ QV
CCB	Clariva™ Complete Beans	PV	Poncho®/Votivo®
CI	Clariva™ pn	Ri	Rizolex™
CMB	CruiserMaxx® Beans	Sfi	Stine fungicide & insecticide products
CMBV	CruiserMaxx® Beans with Vibrance	SS+	Soyshield Plus™
DPHB	DPH Boost®	T	Trilex®
DST	Dominance™ ST	TE	Trius Elite
Ec	Eclipse™ IM	TT	Turbo Treat™
EE	Evergol™ Energy	WCX	Warden® CX

\* Seed treatments may include unspecified plant health promoting components.