

**2014 Soybean Top 30 Harvest Report**  
 Minnesota South [ MNSO ] JEFFERS  
 Rick Quade, Cottonwood County, MN 56083



PREV. CROP/HERB: Corn / SureStart, Roundup  
 SOIL DESCRIPTION: Wilmonton clay loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 5.9 pH, 3.8 % OM, no SCN  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Sonic, Roundup, Lorsban, Sniper  
 SEEDED - RATE - ROW: May 21 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 18 130,100 /A

**Early-Season Test**  
**1.6 - 2 Day RM**  
 S2014MNSO09a

**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
NK Brand	S17-B3 §	RR2Y	1.70	R	CCB	<b>72.7</b>	10.8	0	127.9	\$654
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV	<b>70.0</b>	11.2	0	130.2	\$630
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	<b>69.2</b>	11.0	0	128.4	\$623
Channel	1808R2	RR2Y	1.80	R	ACi	<b>69.0</b>	10.7	0	128.8	\$621
Latham	L1858R2	RR2Y	1.80	R	SS+	68.5	10.5	0	127.5	\$617
Wensman	W 3195NR2	RR2Y	1.90	R	AC,PV	68.5	10.9	0	130.3	\$617
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	68.2	10.3	0	129.8	\$614
Gold Country	1814	RR2Y	1.80	MR	ACi	68.2	10.9	0	130.2	\$614
Hefty	H18R5	RR2Y	1.80	MR	DST	68.1	10.6	0	130.7	\$613
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	67.8	11.1	0	131.2	\$610
Renze	18R85R2cn	RR2Y	1.80	R	CMB	67.5	11.1	0	130.7	\$608
Pfister	17R28	RR2Y	1.70	R	CCB	67.4	11.0	0	130.2	\$607
Anderson	185R2Y	RR2Y	1.80	R	None	67.1	11.1	0	131.6	\$604
Wensman	W 3170NR2	RR2Y	1.70	R	AC,PV	66.4	10.6	0	130.7	\$598
Channel	1700R2	RR2Y	1.70	R	ACi	65.9	10.1	0	131.6	\$593
Pfister	19R24	RR2Y	1.90	R	CCB	65.5	10.7	0	130.2	\$590
Latham	L1785R2	RR2Y	1.70	R	CCB	65.5	10.8	0	131.2	\$590
NK Brand	S19-Z9 §	RR2Y	1.90	R	CCB	65.5	11.5	0	129.8	\$590
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB	65.4	10.8	0	127.5	\$589
Anderson	162R2Y	RR2Y	1.60	R	None	65.2	10.4	0	129.3	\$587
Renk	RS195NR2 GC	RR2Y	1.90	R	None	65.1	10.7	0	130.2	\$586
Gold Country	1943	RR2Y	1.90	MR	ACi	65.0	10.1	0	128.9	\$585
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV	65.0	11.0	0	131.2	\$585
Viking	1909R2N	RR2Y	1.90	R	None	65.0	11.3	0	131.6	\$585
Gold Country	1741	RR2Y	1.70	R	ACi	64.8	10.8	0	128.4	\$583
Wensman	W 3160NR2	RR2Y	1.60	R	AC,PV	64.7	10.9	0	129.8	\$582
Hefty	H17R5	RR2Y	1.70	MR	DST	64.4	10.7	0	131.1	\$580
Latham	L1968R2	RR2Y	1.90	R	CCB	64.4	10.9	0	132.1	\$580
Hefty	H16R5	RR2Y	1.60	MR	DST	64.1	10.7	0	131.2	\$577
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV	64.1	11.0	0	129.8	\$577
Viking	2000R2N CK	RR2Y	2.00	R	CMB	63.8	10.3	0	129.8	\$574

*Mark Querna*

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

Test Average =	<b>65.0</b>	<b>10.8</b>	<b>0</b>	<b>130.1</b>	<b>\$585</b>
LSD (0.10) =	4.0	0.5	ns		
LSD (0.25) =	2.8	0.3	ns		
C.V. =	4.5	3.4			

**Yield & Income Factors** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =  $\frac{\$9.00}{\$9.00}$  GMO Non-GMO

**TEST COMMENTS:** *This site was beautiful at harvest. Rick stated that June was wet (6.3" rain), and July was a little dry. The field surrounding the test averaged 57 bu/acre. Lorsban and Sniper were applied to control aphids in August. Plants were quite healthy at harvest. Large seed size once again contributed to the good yields here, as with other sites in MN.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). ns = column values not significantly different.

**2014 Soybean Top 30 Harvest Report**  
 Minnesota South [ MNSO ] JEFFERS  
 Rick Quade, Cottonwood County, MN 56083



PREV. CROP/HERB: Corn / SureStart, Roundup  
 SOIL DESCRIPTION: Wilmonton clay loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 5.9 pH, 3.8 % OM, no SCN  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Sonic, Roundup, Lorsban, Sniper  
 SEEDED - RATE - ROW: May 21 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 18 128,700 /A

**Full-Season Test**  
**2.1 - 2.3 Day CRM**  
 S2014MNSO09b

**Top 30 of 54**

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
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	<b>68.4</b>	10.3	0	129.8	\$616
Pfister	22R20	RR2Y	2.20	R	CCB	<b>68.3</b>	10.1	0	129.3	\$615
Renk	RS213NR2	RR2Y	2.10	R	CMB	<b>67.6</b>	10.4	0	129.8	\$608
Dyna-Gro	S20RY45	RR2Y	2.00	R	CMBV	67.3	11.1	0	127.5	\$606
Anderson	205R2Y	RR2Y	2.00	R	None	67.1	7.1	0	129.3	\$604
Viking	2301R2N	RR2Y	2.30	R	None	67.0	10.1	0	127.9	\$603
Renze	22R33R2cn	RR2Y	2.20	R	CMB	66.7	10.5	0	128.4	\$600
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB	66.6	10.5	0	128.8	\$599
Latham	L2384R2	RR2Y	2.30	R	SS+	66.6	11.5	0	128.8	\$599
Hefty	H20R5	RR2Y	2.00	MR	DST	66.3	10.5	0	130.2	\$597
Latham	L2128R2	RR2Y	2.10	R	CCB	65.8	10.4	0	127.5	\$592
SOI	2013NRR2Y	RR2Y	2.00	R	None	65.7	10.4	0	130.2	\$591
Gold Country	2114	RR2Y	2.10	MR	ACi	65.6	11.0	0	128.8	\$590
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV	65.5	10.5	0	127.5	\$590
Renk	RS224NR2	RR2Y	2.20	R	None	65.5	10.5	0	128.4	\$590
Asgrow	AG2134 §	RR2Y	2.10	R	ACi	65.0	10.3	0	129.3	\$585
Latham	L2058R2	RR2Y	2.00	R	CCB	65.0	10.6	0	130.2	\$585
Renze	20R04R2cn	RR2Y	2.00	R	CMB	64.9	10.5	0	130.2	\$584
Stine	20RD20 §	RR2Y	2.00	R	None	64.7	11.3	0	130.2	\$582
Channel	2108R2	RR2Y	2.10	R	ACi	64.6	10.5	0	126.6	\$581
Stine	22RD00 §	RR2Y	2.20	MR	None	64.6	11.1	0	129.3	\$581
Hefty	H23R5	RR2Y	2.30	MR	DST	64.4	11.4	0	128.4	\$580
Croplan	R2C2263 GC	RR2Y	2.20	R	CMBV	64.3	10.7	0	127.5	\$579
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV	64.2	10.2	0	127.9	\$578
Prairie Brand	PB-2024R2	RR2Y	2.00	R	CMBV	64.2	10.5	0	128.4	\$578
Viking	2144R2N	RR2Y	2.10	R	CMB	64.1	10.5	0	127.5	\$577
Hefty	H21Y11	RR2Y	2.10	R	DST	64.1	10.9	0	130.2	\$577
Wensman	W 3228NR2	RR2Y	2.20	R	AC,PV	64.1	11.0	0	128.8	\$577
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB	64.0	10.4	0	127.0	\$576
Wensman	W 3214NR2	RR2Y	2.10	R	AC,PV	63.8	10.3	0	131.1	\$574
Viking	2000R2N CK	RR2Y	2.00	R	CMB	60.8	10.0	0	127.0	\$547

*Mark Querna*

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

Test Average =	<b>63.6</b>	<b>10.5</b>	<b>0</b>	<b>128.7</b>	<b>\$573</b>
LSD (0.10) =	3.9	1.3	ns		
LSD (0.25) =	2.7	0.9	ns		
C.V. =	4.5	8.9			

**Yield & Income Factors** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =  $\frac{\$9.00 \text{ GMO}}{\$9.00 \text{ Non-GMO}}$

**TEST COMMENTS:** *This site was beautiful at harvest. Rick stated that June was wet (6.3" rain), and July was a little dry. The field surrounding the test averaged 57 bu/acre. Lorsban and Sniper were applied to control aphids in August. Plants were quite healthy at harvest. Large seed size once again contributed to the good yields here, as with other sites in MN.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

2014 Soybean - Minnesota South [ MNSO ]



**Early-Season Test Products (45 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt
Advantage	ADV1760CR2	RR2Y	1.70	MR	None								
Anderson	162R2Y	RR2Y	1.60	R	None								
Anderson	184R2Y	RR2Y	1.80	R	None								
Anderson	185R2Y	RR2Y	1.80	R	None								
Asgrow	AG1733 §	RR2Y	1.70	R	ACi								
Channel	1700R2	RR2Y	1.70	R	ACi								
Channel	1808R2	RR2Y	1.80	R	ACi								
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB								
Dyna-Gro	S18RY25	RR2Y	1.80	R	CMBV								
Dyna-Gro	S19RY84	RR2Y	1.90	MR	CMBV								
Gold Country	1741	RR2Y	1.70	R	ACi								
Gold Country	1814	RR2Y	1.80	MR	ACi								
Gold Country	1943	RR2Y	1.90	MR	ACi								
Hefty	H16R5	RR2Y	1.60	MR	DST								
Hefty	H17R5	RR2Y	1.70	MR	DST								
Hefty	H18R5	RR2Y	1.80	MR	DST								
Latham	L1785R2	RR2Y	1.70	R	CCB								
Latham	L1858R2	RR2Y	1.80	R	SS+								
Latham	L1968R2	RR2Y	1.90	R	CCB								
Latham	L1985R2	RR2Y	1.90	R	CCB								
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV								
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV								
NK Brand	S17-B3 §	RR2Y	1.70	R	CCB								
NK Brand	S19-Z9 §	RR2Y	1.90	R	CCB								
Pfister	17R28	RR2Y	1.70	R	CCB								
Pfister	19R24	RR2Y	1.90	R	CCB								
Pioneer	P19T01R §	RR	1.90	R	None								
Pioneer	P19T60R §	RR	1.90	R	None								
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV								
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV								
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV								
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV								
Renk	RS175NR2	RR2Y	1.70	R	None								
Renk	RS183NR2	RR2Y	1.80	R	None								
Renk	RS195NR2 GC	RR2Y	1.90	R	None								
Renze	18R85R2cn	RR2Y	1.80	R	CMB								
Stine	19RA02 §	RR2Y	1.90	R	None								
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB								
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB								
Viking	1707R2N	RR2Y	1.70	R	CMB								
Viking	1909R2N	RR2Y	1.90	R	None								
Viking	2000R2N CK	RR2Y	2.00	R	CMB								
Wensman	W 3160NR2	RR2Y	1.60	R	AC,PV								
Wensman	W 3170NR2	RR2Y	1.70	R	AC,PV								
Wensman	W 3195NR2	RR2Y	1.90	R	AC,PV								

2014 Soybean - Minnesota South [ MNSO ]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Advantage	ADV2014CR2	RR2Y	2.00	MR	None	Titan Pro	TP-20R44	RR2Y	2.00	R	CCB
Advantage	ADV2200CR2	RR2Y	2.20	MR	None	Titan Pro	TP-21R63	RR2Y	2.10	R	CCB
Advantage	ADV2214R	RR	2.10	S	None	Viking	1908CNRR	RR	1.90	R	None
Anderson	204R2Y	RR2Y	2.00	R	None	Viking	2000R2N CK	RR2Y	2.00	R	CMB
Anderson	205R2Y	RR2Y	2.00	R	None	Viking	2144R2N	RR2Y	2.10	R	CMB
Asgrow	AG2031 §	RR2Y	2.00	R	ACi	Viking	2301R2N	RR2Y	2.30	R	None
Asgrow	AG2134 §	RR2Y	2.10	R	ACi	Wensman	W 3200NR2	RR2Y	2.00	R	AC,PV
Channel	2108R2	RR2Y	2.10	R	ACi	Wensman	W 3214NR2	RR2Y	2.10	R	AC,PV
Channel	2207R2	RR2Y	2.20	R	ACi	Wensman	W 3228NR2	RR2Y	2.20	R	AC,PV
Channel	2306R2	RR2Y	2.30	R	ACi						
Croplan	R2C2263 GC	RR2Y	2.20	R	CMBV						
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB						
Dyna-Gro	S20RY45	RR2Y	2.00	R	CMBV						
Dyna-Gro	S20RY94	RR2Y	2.00	R	CMBV						
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV						
Gold Country	2114	RR2Y	2.10	MR	ACi						
Gold Country	2143	RR2Y	2.10	MR	ACi						
Hefty	H20R5	RR2Y	2.00	MR	DST						
Hefty	H20Y12	RR2Y	2.00	MR	DST						
Hefty	H21Y11	RR2Y	2.10	R	DST						
Hefty	H23R5	RR2Y	2.30	MR	DST						
Latham	L2058R2	RR2Y	2.00	R	CCB						
Latham	L2084R2	RR2Y	2.00	R	CCB						
Latham	L2128R2	RR2Y	2.10	R	CCB						
Latham	L2384R2	RR2Y	2.30	R	SS+						
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV						
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV						
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB						
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB						
Pfister	20R23	RR2Y	2.00	R	CCB						
Pfister	22R20	RR2Y	2.20	R	CCB						
Pioneer	92Y22 §	RR	2.20	R	EE,G						
Prairie Brand	PB-2024R2	RR2Y	2.00	R	CMBV						
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV						
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV						
Renk	RS213NR2	RR2Y	2.10	R	CMB						
Renk	RS224NR2	RR2Y	2.20	R	None						
Renze	20R04R2cn	RR2Y	2.00	R	CMB						
Renze	22R33R2cn	RR2Y	2.20	R	CMB						
SOI	2013NRR2Y	RR2Y	2.00	R	None						
SOI	2097NRR2Y	RR2Y	2.00	R	None						
Stine	20RD20 §	RR2Y	2.00	R	None						
Stine	22RD00 §	RR2Y	2.20	MR	None						
Titan Pro	20M1	RR2Y	2.00	R	CCB						
Titan Pro	22M12	RR2Y	2.20	R	CCB						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a
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
n/a	info unavailable

### Soybean Seed Treatments\*

?	Information not provided	DST	Dominance ST
A	Allegiance®	EE	Evergol™ Energy
AC	Accelaron® fungicide products	G	Gaucho®
ACi	Accelaron® fungicide and insecticide products	I	Inovate™ System
AM	ApronMaxx®	M	Maxim®
AP	Apron XL®	None	untreated
AVB	Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
C	Cruiser®	PV	Poncho®/Votivo®
CCB	Clariva Complete Beans	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

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