

**2012 BETTER VARIETIES Harvest Report for Minnesota South [ MNSO ]**  
 Leon Schoenrock, Waseca County, MN 56072 [ NEW RICHLAND ]

**EARLY SEASON TEST**  
**1.6 - 2.0 MAT. GROUP**

PREV. CROP/HERB: Corn / Durango (twice), Laudis  
 SOIL DESCRIPTION: Webster clay loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.4 pH, 4.7% OM, medium SCN  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Durango + Arrow (twice)  
 SEEDED - RATE: May 12 140,000 /A  
 HARVESTED - STAND: Sep 27 125,600 /A

S2MNSO09a

30" ROW SPACING

 TOP 30 for **YIELD** of **48** TESTED  
 AVERAGE of **(3)** REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income	
SOI	2013NRR2Y	RR2Y	2.0	R	None	65.2	8.1	0	125.4	\$978	
Titan Pro	20M1	RR2Y	2.0	R	Am	65.1	8.1	0	125.4	\$977	
Renk	RS172NR2	RR2Y	1.7	R	None	63.8	8.5	0	125.9	\$957	
Kruger	K2-1901	RR2Y	1.9	R	Ac,PV	63.2	8.2	0	124.4	\$948	
Stine	20RC32 §	RR2Y	2.0	R	CMB	62.5	8.5	0	128.3	\$938	
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	62.2	8.3	0	124.4	\$933	
Mustang	M-20823	RR2Y	2.0	R	Ac	62.1	8.2	0	126.3	\$932	
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CMB	62.0	8.2	0	126.3	\$930	
Dairyland	DSR-1808R2Y	RR2Y	1.8	R	CMB	61.7	8.0	0	125.4	\$926	
Hefty	H20R3	RR2Y	2.0	MR	I	61.7	8.5	0	125.4	\$926	
Pfister	19R23	RR2Y	1.9	R	CMB	61.7	8.5	0	125.8	\$926	
Prairie Brand	PB-1823R2	RR2Y	1.8	R	None	61.2	8.3	0	125.9	\$918	
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	61.1	8.0	0	125.9	\$917	
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	60.5	8.2	0	125.9	\$908	
Latham	L1985R2	RR2Y	1.9	R	CMB	60.3	8.1	0	125.8	\$905	
Hefty	H16Y11	RR2Y	1.6	MR	I	60.1	8.4	0	126.8	\$902	
Jung	1201RR2	RR2Y	2.0	R	Ac,O	59.8	8.3	0	125.8	\$897	
Jung	1170RR2	RR2Y	1.7	R	Ac,O	59.6	8.2	0	124.9	\$894	
Mustang	M-19723	RR2Y	1.9	R	Ac	59.4	8.2	0	127.3	\$891	
Latham	L1886R2	RR2Y	1.8	R	SS+	59.4	8.3	0	127.3	\$891	
Pfister	17R27	RR2Y	1.7	R	CMB	59.4	8.5	0	123.9	\$891	
Asgrow	AG2031 §	RR2Y	2.0	R	Ac,PV	59.3	8.3	0	125.4	\$890	
Trelay	20RR43	RR2Y	2.0	R	Ac,Ex	59.1	8.0	0	124.4	\$887	
Mustang	M-20622	RR2Y	2.0	R	Ac	59.0	8.0	0	124.4	\$885	
Gold Country	1741	RR2Y	1.7	R	Ac	58.2	8.2	0	123.9	\$873	
Latham	L2084R2	RR2Y	2.0	R	CMB	58.2	8.3	0	126.3	\$873	
Trelay	19RR59	RR2Y	1.9	R	Ac,Ex	58.2	8.4	0	126.8	\$873	
Dyna-Gro	31RY20	RR2Y	2.0	R	Ac	58.1	8.1	0	128.3	\$872	
LG Seeds	C1917R2	RR2Y	1.9	R	Ac	58.1	8.3	0	125.4	\$872	
Renk	RS183NR2	RR2Y	1.8	R	None	58.0	7.9	0	125.4	\$870	
→ Viking	2000R2N CK	RR2Y	2.0	R	Ac	66.4	8.1	0	125.8	\$996	
						Test Average =	58.8	8.2	0	125.6	\$883
						LSD (0.10) =	5.6	0.5	ns		
						C.V. =	7.0	4.4			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *I had trouble with soil clods and root balls while planting, but this site emerged very well and never looked back.*
*Plant health was excellent all year, and no pests got in the way of yield. Rainfall in May was excessive, but July and August were very dry. A*
*few small rains of 2 or 3 tenths at key times were enough to push these yields higher.*

Lat: 43.942961, Long: -93.558325

Yield &amp; Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$15.00

† See last page for Product/Brand, Technology and Seed Treatment information.

 → Identifies the check brand included in early- and full-season tests. Results in **bold** are significantly above test average.

**GC** = grower comparison product, **§** = United Soybean Board entry; **ns** = not significantly different

**2012 BETTER VARIETIES Harvest Report for Minnesota South [ MNSO ]**  
 Leon Schoenrock, Waseca County, MN 56072 [ NEW RICHLAND ]

**FULL SEASON TEST**  
**2.1 - 2.3 MAT. GROUP**

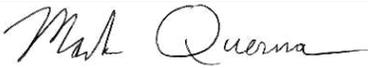
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 SOIL CONDITIONS: High P, high K, 6.4 pH, 4.7% OM, medium SCN  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Durango + Arrow (twice)  
 SEEDING - RATE: May 12 140,000 /A  
 HARVESTED - STAND: Sep 27 126,300 /A

S2MNSO09b

30" ROW SPACING

 TOP 30 for **YIELD** of **54** TESTED  
 AVERAGE of (**3**) REPLICATIONS

Company/Brand	Product/Brand†	Tech.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income	
Titan Pro	23M9	RR2Y	2.3	S	CMB	<b>77.0</b>	8.8	0	127.8	\$1,155	
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	<b>75.2</b>	8.5	0	127.3	\$1,128	
Hefty	H21R3	RR2Y	2.1	S	I	<b>74.9</b>	8.7	0	124.4	\$1,124	
Kruger	K2-2301	RR2Y	2.3	S	Ac,PV	<b>73.5</b>	9.2	0	128.8	\$1,103	
Latham	L2253R2	RR2Y	2.2	S	CMB	<b>73.2</b>	8.3	0	126.8	\$1,098	
Hefty	H23Y10	RR2Y	2.3	S	I	<b>73.1</b>	8.7	0	123.4	\$1,097	
Viking	2300R2	RR2Y	2.3	S	Ac	<b>72.7</b>	9.0	0	125.8	\$1,091	
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMB	<b>71.4</b>	10.4	0	126.8	\$1,071	
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CMB	71.2	8.3	0	124.9	\$1,068	
Channel	2306R2	RR2Y	2.3	R	Ac,PV	70.0	8.5	0	127.8	\$1,050	
Kruger	K2-2303	RR2Y	2.3	R	Ac,PV	70.0	9.8	0	125.9	\$1,050	
Renk	RS213NR2	RR2Y	2.1	R	None	69.7	8.5	0	126.3	\$1,046	
Wensman	W 3210NR2	RR2Y	2.1	R	Ac	69.1	8.6	0	126.8	\$1,037	
Asgrow	AG2232 §	RR2Y	2.2	R	Ac,PV	68.9	8.8	0	126.8	\$1,034	
Latham	L2148R2	RR2Y	2.1	R	CMB	68.6	8.1	0	126.3	\$1,029	
Viking	2202R2N	RR2Y	2.2	R	None	68.6	8.1	0	125.4	\$1,029	
Stine	24RB00 §	RR2Y	2.4	MR	CMB	68.4	8.1	0	124.4	\$1,026	
Pfister	21R21	RR2Y	2.1	R	CMB	68.2	8.0	0	126.8	\$1,023	
Titan Pro	21M22	RR2Y	2.1	R	CMB	67.9	8.4	0	125.3	\$1,019	
Dyna-Gro	S23RY63	RR2Y	2.3	R	Ac	67.8	9.8	0	127.8	\$1,017	
Prairie Brand	PB-2366R2	RR2Y	2.2	R	CMB	67.7	8.4	0	125.8	\$1,016	
Hefty	H22Y12	RR2Y	2.2	MR	I	67.6	8.2	0	127.3	\$1,014	
Wensman	W 3222NR2	RR2Y	2.2	R	Ac	67.5	8.4	0	127.3	\$1,013	
Hefty	H23Y11	RR2Y	2.3	R	I	67.3	9.2	0	127.8	\$1,010	
Trelay	23RR53	RR2Y	2.3	MR	Ac,Ex	67.3	11.2	0	127.8	\$1,010	
Latham	L2385R2	RR2Y	2.3	R	CMB	67.2	8.3	0	124.4	\$1,008	
Kruger	K2-2102	RR2Y	2.1	R	Ac,PV	67.0	8.4	0	124.9	\$1,005	
Prairie Brand	PB-2143R2	RR2Y	2.0	R	CMB	66.7	8.3	0	126.3	\$1,001	
Gold Country	2342	RR2Y	2.3	R	Ac	66.3	8.4	0	125.4	\$995	
Trelay	21RR37	RR2Y	2.1	MR	Ac,Ex	66.3	8.5	0	126.3	\$995	
Viking	2000R2N CK	RR2Y	2.0	R	Ac	67.1	8.1	0	127.8	\$1,007	
						Test Average =	<b>67.0</b>	<b>8.6</b>	<b>0</b>	<b>126.3</b>	<b>\$1,005</b>
						LSD (0.10) =	4.4	0.5	ns		
						C.V. =	4.9	4.6			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *I had trouble with soil clods and root balls while planting, but this site emerged very well and never looked back.*
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## Footnotes, Abbreviations, and Trademarks

### 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. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.

### Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonyleurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

### Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaXX®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaXX® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

### Trademarks

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- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
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- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
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