

**2010 BETTER VARIETIES Harvest Report for Minnesota South [ MNSO ]**  
 Leon Schoenrock, Waseca County, MN 56072 [ NEW RICHLAND ]

S0MNSO11

PREV. CROP/HERB: Corn / Harness, Roundup, Silencer  
 SOIL DESCRIPTION: Webster-Marna clay loam, non-irrigated, mod. poor drained 1.6 - 2.3 MAT. GROUP  
 SOIL CONDITIONS: Low SCN, high P, high K, 6.4 pH, 4.1% OM 30" ROW SPACING  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Optil, Pendant  
 SEEDING - RATE: May 16 160,000 /A TOP 30 for YIELD of 81 TESTED  
 HARVESTED - STAND: Oct 4 107,400 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income	
Titan Pro	20M1*	RR2Y	2.0	R	CM	<b>71.7</b>	9.3	0.0	113.8	\$704.4	
Hefty	H23Y10	RR2Y	2.3	S	AC	<b>70.5</b>	9.8	0.0	106.9	\$691.9	
Kruger	K2-1901	RR2Y	1.9	R	AC	<b>67.8</b>	9.2	0.0	106.9	\$666.2	
Viking	2000R2N	RR2Y	2.0	R	AC	<b>67.3</b>	9.3	0.0	112.1	\$661.2	
Mustang	M-21421	RR2Y	2.1	R	AC	<b>66.6</b>	9.9	0.0	109.8	\$653.5	
Viking	2112R2N	RR2Y	2.1	R	AC	<b>65.8</b>	9.2	0.0	105.7	\$646.6	
Gold Country	2140	RR2Y	2.1	R	AC	<b>65.8</b>	9.8	0.0	108.0	\$645.8	
NorthStar	NS1916NR2	RR2Y	1.9	R	CM	65.2	8.9	0.0	117.9	\$641.0	
Titan Pro	23M9*	RR2Y	2.3	S	CM	65.1	9.4	0.0	118.5	\$639.4	
Hefty	H19Y11	RR2Y	1.9	MR	CM	64.9	9.3	0.0	111.5	\$637.6	
Kruger	K2-2101	RR2Y	2.1	R	AC	64.8	11.1	0.0	109.2	\$634.3	
Titan Pro	21M2	RR2Y	2.1	R	CM	64.4	9.5	0.0	115.6	\$632.4	
Legend	LS-2338LL	LL	2.3	S	T6	64.4	10.3	0.0	107.4	\$631.4	
Wensman	W3180NR2	RR2Y	1.8	R	AC	64.1	9.4	0.0	116.7	\$629.6	
Advantage	ADV2340CR*	RR	2.3	MR	None	63.9	10.1	0.0	119.6	\$626.7	
Wensman	W3200NR2	RR2Y	2.0	R	AC	63.3	9.2	0.0	86.5	\$622.0	
Gold Country	1844	RR2Y	1.8	R	AC	63.2	9.5	0.0	106.8	\$620.6	
Prairie Brand	PB-1942R2	RR2Y	1.9	R	CM	62.9	9.6	0.0	117.3	\$617.6	
Prairie Brand	PB-2142R2	RR2Y	2.0	R	CM	62.8	10.0	0.0	105.1	\$616.1	
NK Brand	S21-N6 GC	RR	2.1	S	None	62.7	9.6	0.0	111.5	\$615.6	
NorthStar	NS2116NR2	RR2Y	2.1	R	CM	62.6	10.0	0.0	88.9	\$614.1	
Viking	L200N	LL	2.0	R	CM	62.2	9.5	0.0	107.4	\$610.8	
Prairie Brand	PB-1722R2	RR2Y	1.7	R	AC	61.9	9.5	0.0	95.8	\$607.9	
Wensman	W3230R2	RR2Y	2.3	S	AC	61.9	9.9	0.0	120.2	\$607.4	
Mustang	M-20221	RR2Y,STS	2.0	R	AC	61.6	9.0	0.0	110.9	\$605.5	
NorthStar	NS2026NR2	RR2Y	2.0	R	CM	61.5	9.5	0.0	115.0	\$603.9	
NuTech	7199	RR	1.9	R	CM	61.3	9.4	0.0	109.8	\$602.1	
Channel	2300R2	RR2Y	2.3	R	AC	61.3	9.6	0.0	126.1	\$601.8	
Mustang	M-23321	RR2Y	2.3	R	AC	61.2	10.0	0.0	99.9	\$600.4	
Pioneer	92Y30 GC	RR	2.3	R	None	61.2	10.2	0.0	127.2	\$600.1	
						Test Average =	<b>60.2</b>	<b>9.6</b>	<b>0.0</b>	<b>107.4</b>	<b>\$591.5</b>
						LSD (0.10) =	5.5	0.8	n.s.		
						C.V. =	6.8	5.9			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** Growing conditions were quite good here, although rainfall was excessive in June, July and September. Some individual soybean plots were shorter in height, most likely showing stress from excess water in the root zone. This site was sprayed conventionally, and Leon also applied Kendo (a pyrethroid) for aphid control.

Lat: N43.8835, Long: W93.65959

Yield &amp; Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$9.75

† Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol

‡ Seed Treatment: AC - Acceleron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excalibre, ES - Escalate, I - Inovate, O - Optimize, T - Trilex, T6 - Trilex 6000

Results in bold are significantly above the test average. GC = grower chosen product, \* brands without a seed lot number; ns = not significantly different

Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/5/2010 Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

AC	Acceleron <sup>®</sup>
AM	ApronMaxx <sup>®</sup>
AP	Apron XL <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn
C	Cruiser <sup>®</sup>
CM	CruiserMaxx <sup>®</sup>
E	Excalibre <sup>™</sup>
ES	Escalate <sup>™</sup>
I	Inovate <sup>™</sup> System
O	Optimize <sup>®</sup>
P	Poncho <sup>®</sup>
T	Trilex <sup>®</sup>
T6	Trilex <sup>®</sup> 6000
V	Votivo <sup>™</sup>

### Trademarks

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- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
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