

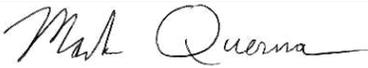
**2012 BETTER VARIETIES Harvest Report for Minnesota South [ MNSO ]**

Rick Quade, Cottonwood County, MN 56083 [ JEFFERS ]

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

PREV. CROP/HERB: Corn / Surpass, Roundup S2MNSO11a  
 SOIL DESCRIPTION: Wilmonton clay loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: Moderate P, high K, 6.5 pH, 5.1% OM, medium SCN 30" ROW SPACING  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Valor, Roundup twice  
 SEEDED - RATE: May 10 140,000 /A TOP 30 for YIELD of 48 TESTED  
 HARVESTED - STAND: Sep 28 123,900 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income	
Latham	L1985R2	RR2Y	1.9	R	CMB	<b>52.8</b>	7.8	0	123.9	\$792	
Kruger	K2-1901	RR2Y	1.9	R	Ac,PV	<b>52.5</b>	7.7	0	122.0	\$788	
SOI	2013NRR2Y	RR2Y	2.0	R	None	<b>52.4</b>	7.7	0	125.4	\$786	
Latham	L2086R2	RR2Y	2.0	R	SS+	<b>50.4</b>	7.7	0	123.4	\$756	
Titan Pro	20M1	RR2Y	2.0	R	Am	<b>49.2</b>	7.7	0	130.2	\$738	
Mustang	M-20823	RR2Y	2.0	R	Ac	47.5	7.8	0	124.9	\$713	
Dairyland	DSR-1808R2Y	RR2Y	1.8	R	CMB	47.4	7.6	0	124.9	\$711	
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	47.3	7.7	0	124.4	\$710	
Anderson	162R2Y	RR2Y	1.6	R	None	47.2	7.7	0	125.4	\$708	
Renk	RS183NR2	RR2Y	1.8	R	None	47.0	7.6	0	125.9	\$705	
Wensman	W 3200NR2	RR2Y	2.0	R	Ac	46.9	7.8	0	124.9	\$704	
Renk	RS172NR2	RR2Y	1.7	R	None	46.8	7.7	0	127.3	\$702	
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CMB	46.0	7.6	0	119.6	\$690	
Asgrow	AG1931 §	RR2Y	1.9	R	Ac,PV	45.7	7.7	0	121.0	\$686	
Prairie Brand	PB-1743R2	RR2Y	1.7	R	CMB	45.7	7.7	0	123.4	\$686	
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	45.6	7.7	0	124.4	\$684	
Gold Country	1741	RR2Y	1.7	R	Ac	45.6	7.8	0	121.0	\$684	
Kruger	K2-1902	RR2Y	1.9	R	Ac,PV	45.3	7.7	0	122.9	\$680	
Dyna-Gro	S18RY33	RR2Y	1.8	R	Ac	44.9	7.5	0	125.4	\$674	
Stine	20RC32 §	RR2Y	2.0	R	CMB	44.9	7.6	0	124.9	\$674	
Trelay	19RR59	RR2Y	1.9	R	Ac,Ex	44.9	7.8	0	124.4	\$674	
Jung	1170RR2	RR2Y	1.7	R	Ac,O	44.9	7.9	0	121.5	\$674	
Mustang	M-19723	RR2Y	1.9	R	Ac	44.8	7.7	0	125.9	\$672	
NK Brand	S17-G8 §	RR2Y	1.7	R	CMB	44.7	7.7	0	126.8	\$671	
Latham	L1886R2	RR2Y	1.8	R	SS+	44.6	7.7	0	117.6	\$669	
Pfister	17R27	RR2Y	1.7	R	CMB	44.3	7.6	0	127.8	\$665	
Dairyland	DSR-1710R2Y	RR2Y	1.7	R	CMB	44.2	7.7	0	122.5	\$663	
Jung	1201RR2	RR2Y	2.0	R	Ac,O	44.0	7.5	0	123.4	\$660	
SOI	1741NRR2Y	RR2Y	1.7	R	None	44.0	7.7	0	124.4	\$660	
LG Seeds	C1917R2	RR2Y	1.9	R	Ac	44.0	7.8	0	124.4	\$660	
→ Viking	2000R2N CK	RR2Y	2.0	R	Ac	<b>52.6</b>	7.8	0	120.5	\$789	
						Test Average =	<b>44.9</b>	<b>7.7</b>	<b>0</b>	<b>123.9</b>	<b>\$674</b>
						LSD (0.10) =	2.9	0.2	ns		
						C.V. =	4.8	2.0			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Rick's fields experienced wetter than normal May, followed by progressively drier months through harvest. If it were not for a few tenths of rain occasionally, this crop would have been in trouble. Plants looked healthy at harvest, and no pest pressure affected yields here this year. Maturity was reached quickly, as evidenced by low seed moistures.*
Lat: 44.07882, Long: -95.199931

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 ]**

Rick Quade, Cottonwood County, MN 56083 [ JEFFERS ]

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

PREV. CROP/HERB: Corn / Surpass, Roundup

S2MNSO11b

SOIL DESCRIPTION: Wilmonton clay loam, mod. well drained, non-irrigated

SOIL CONDITIONS: Moderate P, high K, 6.5 pH, 5.1% OM, medium SCN

30" ROW SPACING

TILLAGE/CULTIVATION: conventional w/ fall till

PEST MANAGEMENT: Valor, Roundup twice

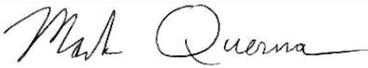
SEEDED - RATE: May 10 140,000 /A

 TOP 30 for **YIELD** of **54** TESTED

HARVESTED - STAND: Sep 28 123,100 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Tech.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Hefty	H21R3	RR2Y	2.1	S	I	51.9	7.9	0	125.9	\$779
Stine	24RB00 §	RR2Y	2.4	MR	CMB	51.8	7.9	0	122.9	\$777
Pfister	21R21	RR2Y	2.1	R	CMB	51.6	7.8	0	122.9	\$774
Kruger	K2-2301	RR2Y	2.3	S	Ac,PV	51.3	7.9	0	122.0	\$770
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMB	50.6	7.9	0	122.5	\$759
NorthStar	NS 2138NR2	RR2Y	2.1	R	Ac	50.1	7.6	0	122.5	\$752
Hefty	H22Y12	RR2Y	2.2	MR	I	49.9	7.9	0	123.4	\$749
Hefty	H23Y10	RR2Y	2.3	S	I	49.8	7.9	0	121.0	\$747
Titan Pro	23M9	RR2Y	2.3	S	CMB	49.7	7.9	0	120.5	\$746
Prairie Brand	PB-2143R2	RR2Y	2.0	R	CMB	49.4	7.9	0	122.5	\$741
Kruger	K2-2303	RR2Y	2.3	R	Ac,PV	49.4	8.3	0	124.4	\$741
Latham	L2253R2	RR2Y	2.2	S	CMB	49.3	8.1	0	122.9	\$740
Viking	2300R2	RR2Y	2.3	S	Ac	49.1	8.1	0	122.5	\$737
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	48.1	7.6	0	118.6	\$722
Viking	2202R2N	RR2Y	2.2	R	None	46.9	7.8	0	123.9	\$704
LG Seeds	C2050R2	RR2Y	2.1	R	Ac	46.8	7.7	0	121.5	\$702
Wensman	W 3222NR2	RR2Y	2.2	R	Ac	46.7	7.8	0	120.5	\$701
Renk	RS213NR2	RR2Y	2.1	R	None	45.8	7.8	0	127.3	\$687
Wensman	W 3210NR2	RR2Y	2.1	R	Ac	45.7	7.6	0	121.5	\$686
Channel	2105R2	RR2Y	2.1	MR	Ac,PV	45.6	7.9	0	123.9	\$684
Hefty	H23Y11	RR2Y	2.3	R	I	45.6	8.0	0	119.6	\$684
Prairie Brand	PB-2366R2	RR2Y	2.2	R	CMB	45.5	8.0	0	123.9	\$683
Gold Country	2342	RR2Y	2.3	R	Ac	45.1	7.9	0	122.0	\$677
Dairyland	DSR-2105R2Y	RR2Y	2.1	S	CMB	44.9	8.2	0	122.9	\$674
Latham	L2183R2	RR2Y	2.1	R	CMB	44.4	8.0	0	127.8	\$666
Latham	L2385R2	RR2Y	2.3	R	CMB	43.9	7.7	0	121.0	\$659
Kruger	K2-2102	RR2Y	2.1	R	Ac,PV	43.1	7.9	0	123.4	\$647
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CMB	43.1	8.2	0	123.0	\$647
LG Seeds	C2175R2	RR2Y	2.1	R	Ac	42.9	8.0	0	122.0	\$644
Latham	L2148R2	RR2Y	2.1	R	CMB	42.5	7.8	0	126.3	\$638
Viking	2000R2N CK	RR2Y	2.0	R	Ac	54.1	7.8	0	122.9	\$812
Test Average =						44.5	7.9	0	123.1	\$668
LSD (0.10) =						5.2	0.5	ns		
C.V. =						8.7	4.4			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** Rick's fields experienced wetter than normal May, followed by progressively drier months through harvest. If it were not for a few tenths of rain occasionally, this crop would have been in trouble. Plants looked healthy at harvest, and no pest pressure affected yields here this year. Maturity was reached quickly, as evidenced by low seed moistures.

Lat: 44.07882, Long: -95.199931

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



## 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. VPMMaxx® 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®, VPMMaxx® 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

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.