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## 2011 BETTER VARIETIES Harvest Report for Minnesota South [ MNSO ]

S1MNSO01

Rick Quade, Cottonwood County, MN 56083 [ JEFFERS ]

PREV. CROP/HERB: Corn / Harness, Roundup

SOIL DESCRIPTION: Wilmonton clay loam, moderately drained, non-irrigated 1.6 - 2.3 MAT. GROUP SOIL CONDITIONS: Low SCN, moderate P, high K, 6.5 pH, 4.2% OM 30" ROW SPACING

TILLAGE/CULTIVATION: conventional w/ fall till

PEST MANAGEMENT: Durango twice, generic Lorsban

 SEEDED - RATE:
 Jun 5
 159,000 /A
 TOP 30 for YIELD of 72 TESTED

 HARVESTED - STAND:
 Oct 6
 133,800 /A
 AVERAGE of (3) REPLICATIONS

Company/Brand	1111111	TESTED - STAND.	0010	100,000 771									
Kruger   K2-1902   RR2Y   1.9   R   AC   54.1   7.5   0.0   150.0   \$595.1     Trelay   16RR78   RR2Y   1.6   R   AC   53.1   7.5   0.0   129.7   \$584.1     Stine   19RA02*   RR2Y   1.9   R   CM   53.1   7.6   0.0   138.4   \$584.1     Kruger   K2-1602   RR2Y   1.9   R   AC   52.7   7.4   0.0   137.5   \$579.7     SOI   2013NRR2Y   RR2Y   2.0   R   CM,AP   52.7   7.5   0.0   123.0   \$579.7     Titan Pro   20M1   RR2Y   2.0   R   CM   52.7   7.6   0.0   137.5   \$579.7     Kruger   K2-1501   RR2Y   1.5   R   AC   52.6   7.3   0.0   135.5   \$578.6     Mustang   M-17722   RR2Y   1.7   R   AC   52.4   7.3   0.0   134.6   \$576.4     SOI   1741NR2Y   RR2Y   1.7   R   AC   52.4   7.3   0.0   134.6   \$576.4     SOI   1741NR2Y   RR2Y   1.7   R   AC   52.3   7.4   0.0   132.6   \$575.3     Hefty   H20Y12   RR2Y   2.0   MR   I   52.2   7.4   0.0   133.6   \$574.2     Viking   2000R2N   RR2Y   2.0   R   AC   51.2   7.4   0.0   140.4   \$569.8     Viking   1707R2N   RR2Y   1.7   R   AC   51.2   7.4   0.0   140.4   \$569.8     Viking   1707R2N   RR2Y   1.9   R   AC   51.2   7.4   0.0   140.4   \$563.2     Hefty   H21Y12   RR2Y   2.1   MR   I   51.1   7.5   0.0   128.8   \$562.1     Renk   RS172NR2*   RR2Y   2.1   MR   I   51.0   7.5   0.0   128.8   \$569.1     Hefty   H18Y12   RR2Y   2.0   R   AC   50.9   7.5   0.0   133.6   \$559.9     Prairie Brand   P8-1722R2   RR2Y   1.7   R   CM   50.7   7.3   0.0   119.1   \$557.7     Hefty   H17Y12   RR2Y   2.0   R   AC   50.9   7.5   0.0   131.7   \$554.4     Mustang   M-18922   RR2Y   1.7   MR   I   50.4   7.4   0.0   128.8   \$553.3     NuTech   6228*   RR   2.2   S   T6   50.1   7.5   0.0   134.6   \$547.8     Mustang   M-20622   RR2Y   2.0   R   AC   50.9   7.5   0.0   134.6   \$547.8     Viking   2044R2N   RR2Y   2.0   R   AC   49.9   7.3   0.0   140.4   \$547.8     Mustang   M-20622   RR2Y   2.0   R   AC   49.9   7.3   0.0   140.4   \$547.8     Mustang   M-20622   RR2Y   2.0   R   AC   49.8   7.5   0.0   134.6   \$547.8     Viking   2049NR2Y   RR2Y   2.0   R   AC   49.9   7.3   0.0   140.4   \$5	0	Company/Prand	Product/Pra	nd Techr	nol <sup>†</sup> Mat					0 0			0
Trelay 16RR78 RR2Y 1.6 R AC 53.1 7.5 0.0 129.7 \$584.1 Stine 19RA02* RR2Y 1.9 R CM 53.1 7.6 0.0 138.4 \$584.1 Kruger K2-1602 RR2Y 1.6 R AC 52.7 7.4 0.0 137.5 \$579.7 SOI 2013NRR2Y RR2Y 2.0 R CM, 52.7 7.5 0.0 123.0 \$579.7 Titan Pro 20M1 RR2Y 2.0 R CM 52.7 7.6 0.0 137.5 \$579.7 Kruger K2-1501 RR2Y 1.5 R AC 52.6 7.3 0.0 135.5 \$578.6 Mustang M-17722 RR2Y 1.7 R AC 52.4 7.3 0.0 134.6 \$576.4 S576.3 Hefty H20Y12 RR2Y 2.0 MR I 52.2 7.4 0.0 132.6 \$575.3 Hefty H20Y12 RR2Y 2.0 R AC 51.8 7.4 0.0 132.6 \$575.3 Hefty H20Y12 RR2Y 2.0 R AC 51.8 7.4 0.0 132.6 \$575.3 Kruger K2-1901 RR2Y 2.0 R AC 51.8 7.4 0.0 140.4 \$569.8 Kruger K2-1901 RR2Y 1.9 R AC 51.2 7.4 0.0 140.4 \$569.8 Kruger K2-1901 RR2Y 1.9 R AC 51.2 7.4 0.0 140.4 \$569.8 Kruger K2-1901 RR2Y 1.9 R AC 51.2 7.4 0.0 148.1 \$563.2 Trelay 20R843 RR2Y 2.0 R AC 51.2 7.4 0.0 148.1 \$563.2 Hefty H21Y12 RR2Y 2.1 MR I 51.1 7.5 0.0 128.8 \$562.1 Hefty H21Y12 RR2Y 2.1 MR I 51.1 7.5 0.0 128.8 \$561.0 Hefty H21Y12 RR2Y 1.8 MR I 51.0 7.5 0.0 133.6 \$559.9 Prairie Brand PB-1722R2 RR2Y 1.7 R None 51.0 7.5 0.0 133.6 \$555.5 Hefty H21Y11 RR2Y 2.0 R AC 50.9 7.5 0.0 133.6 \$555.5 Hefty H21Y11 RR2Y 2.0 R AC 50.9 7.5 0.0 133.6 \$555.5 Hefty H21Y11 RR2Y 2.0 R AC 50.9 7.5 0.0 133.6 \$555.5 Hefty H21Y11 RR2Y 2.0 R AC 50.9 7.5 0.0 133.6 \$555.5 Hefty H21Y11 RR2Y 2.0 R AC 50.9 7.5 0.0 133.6 \$555.5 Hefty H21Y11 RR2Y 2.0 R AC 50.9 7.5 0.0 133.6 \$555.5 Hefty H21Y11 RR2Y 2.0 R AC 50.9 7.5 0.0 131.7 \$551.1 Jung 1201R2 RR2Y 1.7 R CM 50.7 7.3 0.0 130.7 \$561.0 Hefty H21Y11 RR2Y 2.0 R AC 50.9 7.5 0.0 131.7 \$551.1 Jung 1201R2 RR2Y 1.7 R CM 50.7 7.3 0.0 131.7 \$551.1 Jung 1201R2 RR2Y 1.7 R CM 50.7 7.3 0.0 131.7 \$551.1 Jung 1201R2 RR2Y 1.8 R AC 50.3 7.4 0.0 128.8 \$553.3 NuTech 6228* RR 2.2 S T6 50.1 7.5 0.0 131.7 \$554.4 Mustang M-18922 RR2Y 1.8 R AC 50.3 7.4 0.0 132.3 \$561.0 Hefty H21Y11 RR2Y 2.0 R AC 49.8 7.5 0.0 131.7 \$551.1 Jung 1201R2 RR2Y 2.0 R AC 49.8 7.5 0.0 131.7 \$551.1 Jung 1201R2 RR2Y 2.0 R AC 49.8 7.5 0.0 131.7 \$551.1 Jung 1201R2 RR2Y 2.0 R AC 49.8 7.5 0.0 131.7 \$554.4 Mustang M-20622 RR2Y 2.0 R AC 49.8 7.5 0.0 131.6								Duitt					)
Stine		_											
Kruger   K2-1602   RR2Y   1.6   R   AC   S2.7   7.4   0.0   137.5   \$579.7		, ,											
SOI 2013NRR2Y RR2Y 2.0 R CM.AP 52.7 7.5 0.0 123.0 \$579.7 Titan Pro 20M1 RR2Y 2.0 R CM 52.7 7.6 0.0 137.5 \$579.7 Kruger K2-1501 RR2Y 1.5 R AC 52.6 7.3 0.0 135.5 \$579.6 Mustang M-17722 RR2Y 1.7 R AC 52.4 7.3 0.0 135.5 \$576.6 SOI 1741NRR2Y RR2Y 1.7 R AC 52.4 7.3 0.0 136.5 \$576.4 SOI 1741NRR2Y RR2Y 1.7 R CM.AP 52.3 7.4 0.0 132.6 \$575.3 Hefty H20Y12 RR2Y 2.0 MR I 52.2 7.4 0.0 133.6 \$574.2 Viking 2000R2N RR2Y 2.0 R AC 51.8 7.4 0.0 140.4 \$569.8 Viking 1707R2N RR2Y 1.7 R AC 51.2 7.4 0.0 116.2 \$563.2 Kruger K2-1901 RR2Y 1.9 R AC 51.2 7.4 0.0 116.2 \$563.2 Kruger K2-1901 RR2Y 2.0 R AC 51.2 7.4 0.0 129.7 \$563.2 Hefty H21Y12 RR2Y 2.1 MR I 51.1 7.5 0.0 128.8 \$562.1 Renk RS172NR2* RR2Y 1.7 R None 51.0 7.3 0.0 130.7 \$561.0 Gold Country 2040 RR2Y 2.0 R AC 50.9 7.5 0.0 133.6 \$559.9 Prairie Brand PB-1722R2 RR2Y 1.7 R CM 50.7 7.3 0.0 130.7 \$561.0 Hefty H21Y11 RR2Y 2.0 MR I 50.5 7.6 0.0 136.5 \$555.5 Hefty H21Y11 RR2Y 2.0 MR I 50.5 7.6 0.0 136.5 \$555.5 Hefty H17Y12 RR2Y 1.8 MR I 50.5 7.6 0.0 136.5 \$555.5 Hefty H21Y11 RR2Y 2.0 MR I 50.5 7.6 0.0 136.5 \$555.5 Hefty H21Y11 RR2Y 2.0 MR I 50.5 7.6 0.0 136.5 \$555.5 Jefty H21Y11 RR2Y 2.0 MR I 50.5 7.6 0.0 136.5 \$555.5 Jefty H21Y11 RR2Y 2.0 R AC 50.9 7.5 0.0 131.7 \$551.1 Jung 1201RR2 RR2Y 1.8 R AC 50.3 7.4 0.0 128.8 \$563.3 NuTech 6228* RR 2.2 S 76 50.1 7.5 0.0 131.7 \$551.1 Jung 1201RR2 RR2Y 1.8 R AC 50.3 7.4 0.0 128.8 \$553.3 NuTech 6228* RR 2.2 S 76 50.1 7.5 0.0 131.7 \$551.1 Jung 1201RR2 RR2Y 2.0 R AC 49.9 7.3 0.0 142.3 \$548.9 Wiking 2044R2N RR2Y 2.0 R AC 49.8 7.5 0.0 131.7 \$551.1 Jung 1201RR2 RR2Y 2.0 R AC 49.8 7.5 0.0 134.6 \$547.8 Prairie Brand PB-1942R2 RR2Y 1.9 R CM 49.8 7.5 0.0 130.4 \$547.8 Prairie Brand PB-1942R2 RR2Y 1.9 R CM 49.6 7.4 0.0 140.4 \$546.6 Agrow AG1931 GC RR2Y 1.9 R None 49.6 7.6 0.0 130.4 \$545.6 Agrow AG1931 GC RR2Y 1.9 R None 49.6 7.6 0.0 130.4 \$545.6 Agrow AG1931 GC RR2Y 1.9 R None 49.6 7.6 0.0 130.4 \$545.6 Agrow AG1931 GC RR2Y 1.9 R None 49.6 7.6 0.0 130.4 \$545.6 Agrow AG1931 GC RR2Y 1.9 R None 49.6 7.6 0.0 130.4 \$545.6 Agrow AG1931 GC RR2Y 1.9 R None 49.6 7.6 0.0 130.													
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Kruger   K2-1501   RR2Y   1.5   R   AC   S2.6   7.3   0.0   135.5   \$578.6   Mustang   M-17722   RR2Y   1.7   R   AC   S2.4   7.3   0.0   134.6   \$576.4   S0I   1741NRR2Y   RR2Y   1.7   R   CM,AP   S2.3   7.4   0.0   132.6   \$575.3   S578.6   Mustang   M-12012   RR2Y   2.0   MR   I   52.2   7.4   0.0   133.6   \$574.2   Mising   2000R2N   RR2Y   2.0   R   AC   51.8   7.4   0.0   140.4   \$569.8   Mising   1707R2N   RR2Y   1.7   R   AC   51.2   7.4   0.0   140.4   \$569.8   Mising   1707R2N   RR2Y   1.9   R   AC   51.2   7.4   0.0   148.1   \$563.2   Mising   20R43   RR2Y   2.0   R   AC   51.2   7.4   0.0   129.7   \$563.2   Mising   M-12112   RR2Y   2.1   MR   I   51.1   7.5   0.0   128.8   \$562.1   Mising   M-1212   RR2Y   1.8   MR   I   51.0   7.5   0.0   130.7   \$561.0   Mising   M-1892   RR2Y   1.7   R   CM   50.7   7.3   0.0   130.7   \$561.0   Mising   M-1892   RR2Y   1.7   R   CM   50.7   7.3   0.0   131.7   \$555.5   Mising   M-1892   RR2Y   1.8   R   AC   50.3   7.4   0.0   131.7   \$555.5   Mising   M-1892   RR2Y   1.7   MR   I   50.5   7.6   0.0   131.7   \$555.5   Mising   M-1892   RR2Y   1.8   R   AC   50.3   7.4   0.0   128.8   \$553.3   MuTech   6228   RR   2.2   S   T6   50.1   7.5   0.0   131.7   \$551.1   Jung   1201RR2   RR2Y   2.0   R   AC   49.9   7.3   0.0   131.7   \$551.1   Mising   M-20622   RR2Y   2.0   R   AC   49.8   7.5   0.0   131.7   \$554.4   Mustang   M-20622   RR2Y   2.0   R   AC   49.8   7.5   0.0   131.5   \$547.8   Mistang   M-20622   RR2Y   2.0   R   AC   49.8   7.5   0.0   131.5   \$547.8   Mistang   M-20622   RR2Y   2.0   R   AC   49.8   7.5   0.0   137.5   \$546.6   Asgrow   AG1931 GC   RR2Y   1.9   R   CM   49.6   7.4   0.0   137.5   \$546.6   Asgrow   AG1931 GC   RR2Y   1.9   R   CM   49.6   7.4   0.0   137.5   \$546.6   Asgrow   AG1931 GC   RR2Y   1.9   R   CM   49.6   7.6   0.0   130.4   \$545.6   Asgrow   AG1931 GC   RR2Y   1.9   R   CM   49.6   7.6   0.0   130.4   \$545.6   Asgrow   AG1931 GC   RR2Y   1.9   R   None   49.6   7.6   0.0   133.8   \$539.0   Asgrow   AG1931 GC   RR2Y   1													
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Test Average = $49.0$ 7.5 0.0 133.8 \$539.0 LSD (0.10) = 3.3 0.3 ns		SOI	2049NRR2	Y RR2\	2.0	R	CM,AP	49.6	7.4	0.0	140.4	\$545.6	
LSD (0.10) = 3.3 0.3 ns	0	Asgrow	AG1931 G0	RR2	1.9	R	None	49.6	7.6	0.0	139.4	\$545.6	
		m 1 (				Tes	t Average =	49.0	7.5	0.0	133.8	\$539.0	-
F.I.R.S.T. Manager C.V. = 4.9 3.3		/WL	Luerno			L	SD (0.10) =			ns			
	0	F.I.R.S.T. Manage	er				C.V. =	4.9	3.3				$\bigcirc$

TEST COMMENTS: Planted very late due to cool, wet spring (lasted until the end of June). Warmer temps prevailed from 7/1 through harvest. The last good rain this site received was July 15th. The dry weather in August lowered yield potential a bit, but the Sept 15 killing frost hurt the full season beans. Rick stated his 1.8 RM beans in the same field yielded 50 bpa.

Lat: N44.0721, Long: W-95.19988

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.00

Technology: RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonylurea Tol

\*\*Seed Treatment: A - Allegiance, AC - Acceleron, AM - ApronMaxx, AP - Apron XL, AV - Avicta, CM - CruiserMaxx, E - Excalibre, I - Inovate, G - Gaucho, O - Optimize, T - Trilex, T2 - Trilex 2000, T6 - Trilex 6000, V - Votivo

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

Report Date: 10/7/2011 Revised:



## Footnotes, Abbreviations, and Trademarks

## **Brand Footnotes**

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies		Seed Treatments				
3000GT	Agrisure® 3000GT	A	Allegiance®			
3111	Agrisure® Viptera™ 3111	AC	Acceleron®			
AMRW	Optimum® AcreMax™ Rootworm Protection	AM	ApronMaxx®			
CB/LL	Agrisure® CB/LL	AP	Apron XL®			
CB/LL/RW	Agrisure® CB/LL/RW	AV	Avicta®			
GT	Agrisure® GT	С	Cruiser®			
GT/CB/LL	Agrisure® GT/CB/LL	CM	CruiserMaxx®			
HX	HERCULEX® I Insect Protection	E	Excalibre™			
HXT	HERCULEX® XTRA Insect Protection	I	Inovate™ System			
LL	LibertyLink® herbicide tolerance	G	Gaucho®			
RR	Roundup Ready® Soybeans	0	Optimize®			
RR2	Roundup Ready® Corn 2	Р	Poncho®			
RR2Y	Genuity® Roundup Ready 2 Yield®	T	Trilex®			
STX	SmartStax®	T2	Trilex® 2000			
STS	STS® herbicide tolerance	Т6	Trilex® 6000			
VT2P	Genuity® VT Double PRO™	V	VOTiVO®			
VT3	YieldGard VT Triple®					
VT3P	Genuity® VT Triple PRO™					

## **Trademarks**

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