

2011 BETTER VARIETIES Harvest Report for Minnesota South [MNSO]
 Rick Quade, Cottonwood County, MN 56083 [JEFFERS]

S1MNSO01

PREV. CROP/HERB: Corn / Harness, Roundup
 SOIL DESCRIPTION: Wilmington 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	Product/Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income	
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	1.6	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	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	148.1	\$563.2	
Trelay	20RR43	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	
Hefty	H18Y12	RR2Y	1.8	MR	I	51.0	7.5	0.0	142.3	\$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	119.1	\$557.7	
Hefty	H21Y11	RR2Y	2.0	MR	I	50.5	7.6	0.0	136.5	\$555.5	
Hefty	H17Y12	RR2Y	1.7	MR	I	50.4	7.4	0.0	131.7	\$554.4	
Mustang	M-18922	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	\$551.1	
Jung	1201RR2	RR2Y	2.0	R	AC	49.9	7.3	0.0	142.3	\$548.9	
Mustang	M-20622	RR2Y	2.0	R	AC	49.8	7.5	0.0	134.6	\$547.8	
Viking	2044R2N	RR2Y	2.0	R	None	49.8	7.5	0.0	119.1	\$547.8	
Renk	RS210NR2	RR2Y	2.1	R	AM	49.8	7.6	0.0	140.4	\$547.8	
Prairie Brand	PB-1942R2	RR2Y	1.9	R	CM	49.7	7.6	0.0	137.5	\$546.7	
SOI	2049NRR2Y	RR2Y	2.0	R	CM,AP	49.6	7.4	0.0	140.4	\$545.6	
Asgrow	AG1931 GC	RR2Y	1.9	R	None	49.6	7.6	0.0	139.4	\$545.6	
						Test Average =	49.0	7.5	0.0	133.8	\$539.0
						LSD (0.10) =	3.3	0.3	ns		
						C.V. =	4.9	3.3			


 F.I.R.S.T. Manager

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 - Accelaron, 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

Complete list of brands tested & searchable database available at www.firstseedtests.com

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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

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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