

2011 BETTER VARIETIES Harvest Report for Minnesota South [MNSO]

S1MNSO04

Brian Herbst, Dodge County, MN 55944 [KASSON]

PREV. CROP/HERB: Corn / Harness, Roundup
 SOIL DESCRIPTION: Readlyn silt loam, well drained, non-irrigated 1.6 - 2.3 MAT. GROUP
 SOIL CONDITIONS: Low SCN, high P, mod. high K, 7 pH, 3.8% OM 30" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup twice
 SEEDED - RATE: May 27 159,000 /A TOP 30 for YIELD of 72 TESTED
 HARVESTED - STAND: Oct 7 124,900 /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	
Wensman	W 3200NR2	RR2Y	2.0	R	AC	60.8	8.3	0.0	124.4	\$668.8	
Viking	1707R2N	RR2Y	1.7	R	AC	60.8	8.1	0.3	126.3	\$668.8	
Kruger	K2-1901	RR2Y	1.9	R	AC	60.8	8.1	3.0	124.9	\$668.8	
Trelay	18RR21	RR2Y	1.8	R	AC	59.9	8.3	0.3	137.0	\$658.9	
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CM	59.0	8.1	0.0	140.4	\$649.0	
Gold Country	1844	RR2Y	1.8	MR	AC	58.3	8.3	1.3	124.4	\$641.3	
Gold Country	2040	RR2Y	2.0	R	AC	57.9	8.3	0.0	122.0	\$636.9	
Mustang	M-17722	RR2Y	1.7	R	AC	57.7	8.1	0.3	116.2	\$634.7	
Titan Pro	20M1	RR2Y	2.0	R	CM	57.7	8.4	3.0	127.8	\$634.7	
Trelay	21RR37	RR2Y	2.1	R	AC	57.3	8.5	0.0	130.7	\$630.3	
Kruger	K2-1902	RR2Y	1.9	R	AC	57.1	8.4	0.0	120.0	\$628.1	
Channel	2200R2	RR2Y	2.2	R	AC	57.0	8.5	0.3	122.9	\$627.0	
Kruger	K2-1501	RR2Y	1.5	R	AC	56.9	8.2	0.7	126.3	\$625.9	
Gold Country	1741	RR2Y	1.7	R	AC	56.8	8.1	0.0	114.2	\$624.8	
Jung	1201RR2	RR2Y	2.0	R	AC	56.8	8.2	0.7	116.2	\$624.8	
Trelay	20RR43	RR2Y	2.0	R	AC	56.7	8.2	1.3	108.4	\$623.7	
SOI	1741NRR2Y	RR2Y	1.7	R	CM,AP	56.6	8.1	0.0	130.7	\$622.6	
Hefty	H20Y12	RR2Y	2.0	MR	I	56.6	8.3	1.3	138.4	\$622.6	
Gold Country	2140	RR2Y	2.1	R	AC	56.5	8.3	0.0	120.1	\$621.5	
Prairie Brand	PB-1823R2	RR2Y	1.8	R	CM	56.4	8.0	0.0	110.8	\$620.4	
Kruger	K2-2001	RR2Y	2.0	R	AC	56.4	8.6	0.3	129.2	\$620.4	
Dyna-Gro	31RY20	RR2Y	2.0	R	AC	56.2	8.1	0.0	126.3	\$618.2	
Jung	1188RR2	RR2Y	1.8	R	AC	56.2	8.6	0.3	129.2	\$618.2	
SOI	2013NRR2Y	RR2Y	2.0	R	CM,AP	56.0	8.3	3.0	118.1	\$616.0	
Asgrow	AG2031 GC	RR2Y	2.0	R	None	55.9	8.1	0.0	117.1	\$614.9	
Asgrow	AG1931 GC	RR2Y	1.9	R	None	55.9	8.0	0.3	124.9	\$614.9	
Hefty	H18Y12	RR2Y	1.8	MR	I	55.7	8.3	0.0	126.3	\$612.7	
Prairie Brand	PB-1942R2	RR2Y	1.9	R	CM	55.7	8.6	0.0	129.7	\$612.7	
Mustang	M-18922	RR2Y	1.8	R	AC	55.7	8.1	0.3	120.0	\$612.7	
Renk	RS210NR2	RR2Y	2.1	R	AM	55.6	8.4	0.0	132.1	\$611.6	
						Test Average =	54.1	8.4	0.7	124.9	\$595.1
						LSD (0.10) =	3.8	0.3	2.7		
						C.V. =	5.2	2.2			


 F.I.R.S.T. Manager

TEST COMMENTS: Cool, wet weather through June delayed planting and hampered early season growth. Rains slowed after July 15th, and the hot, humid conditions of late July led to very dry weather through harvest. A killing frost occurred on Sept 15th, hurting full season beans the most. Brian noted that top nodes have only one pod this year, vs. a cluster in the past. Lat: N44.02348, Long: W-92.72378

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: 10/9/2011 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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