


2011 BETTER VARIETIES Harvest Report for Minnesota South [MNSO]
 Tom & Jeff Warmka, Faribault County, MN 56025 [EASTON]

S1MNSO02

PREV. CROP/HERB: Corn / Harness, Roundup
 SOIL DESCRIPTION: Nicollet-Webster clay loam, well drained, non-irrigated 1.6 - 2.3 MAT. GROUP
 SOIL CONDITIONS: Low SCN, high P, high K, 6.2 pH, 3.7% OM 30" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup Weathermax (twice)
 SEEDED - RATE: May 31 159,000 /A TOP 30 for YIELD of 72 TESTED
 HARVESTED - STAND: Oct 3 125,800 /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	
NorthStar	NS 2377NR2	RR2Y	2.3	R	AC	50.5	8.3	1.3	127.8	\$555.5	
Mustang	M-18922	RR2Y	1.8	R	AC	49.9	6.7	0.0	122.0	\$548.9	
Jung	1201RR2	RR2Y	2.0	R	AC	49.0	7.3	0.0	132.6	\$539.0	
Gold Country	2040	RR2Y	2.0	R	AC	48.8	6.9	0.0	135.5	\$536.8	
Wensman	W 3200NR2	RR2Y	2.0	R	AC	48.8	6.6	0.0	127.8	\$536.8	
Renk	RS172NR2*	RR2Y	1.7	R	None	48.4	6.4	0.0	125.9	\$532.4	
Kruger	K2-1902	RR2Y	1.9	R	AC	48.4	6.7	0.0	117.2	\$532.4	
Channel	2200R2	RR2Y	2.2	R	AC	48.4	7.3	0.0	122.9	\$532.4	
SOI	1741NRR2Y	RR2Y	1.7	R	CM,AP	48.3	6.5	0.0	127.8	\$531.3	
Wensman	W 3212NR2	RR2Y	2.1	R	AC	48.1	6.9	0.0	120.1	\$529.1	
Dyna-Gro	31RY20	RR2Y	2.0	R	AC	47.8	7.0	0.0	128.8	\$525.8	
Viking	2000R2N	RR2Y	2.0	R	AC	47.3	6.9	0.0	127.8	\$520.3	
Gold Country	1844	RR2Y	1.8	MR	AC	47.2	8.1	0.3	131.7	\$519.2	
Kruger	K2-1501	RR2Y	1.5	R	AC	47.2	6.3	0.3	129.7	\$519.2	
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CM	47.1	6.7	0.0	118.1	\$518.1	
Renk	RS202NR2	RR2Y	2.0	R	None	47.1	7.1	0.0	125.9	\$518.1	
Viking	2044R2N	RR2Y	2.0	R	None	46.9	6.7	0.0	115.2	\$515.9	
Dyna-Gro	35RY21	RR2Y	2.1	R	AC	46.8	7.5	0.0	134.6	\$514.8	
Trelay	16RR78	RR2Y	1.6	R	AC	46.6	6.6	1.7	114.2	\$512.6	
SOI	2013NRR2Y	RR2Y	2.0	R	CM,AP	46.2	6.9	0.0	124.9	\$508.2	
Renk	RS210NR2	RR2Y	2.1	R	AM	46.2	6.9	0.0	117.1	\$508.2	
Stine	22RC62*	RR2Y	2.2	n/a	CM	46.1	7.9	0.0	123.0	\$507.1	
Hefty	H18Y12	RR2Y	1.8	MR	I	46.0	6.7	0.0	119.1	\$506.0	
Kruger	K2-1901	RR2Y	1.9	R	AC	45.9	7.3	0.0	132.6	\$504.9	
Kruger	K2-1602	RR2Y	1.6	R	AC	45.8	6.7	0.0	126.8	\$503.8	
Mustang	M-20622	RR2Y	2.0	R	AC	45.8	6.8	0.0	115.2	\$503.8	
Trelay	21RR37	RR2Y	2.1	R	AC	45.7	7.2	0.0	129.7	\$502.7	
Gold Country	2140	RR2Y	2.1	R	AC	45.4	7.1	0.0	127.8	\$499.4	
Trelay	20RR43	RR2Y	2.0	R	AC	45.3	7.0	0.3	117.2	\$498.3	
Viking	1707R2N	RR2Y	1.7	R	AC	45.2	6.2	0.0	126.8	\$497.2	
						Test Average =	43.9	7.4	0.1	125.8	\$483.2
						LSD (0.10) =	3.9	0.5	0.7		
						C.V. =	6.5	4.8			


 F.I.R.S.T. Manager

TEST COMMENTS: *Wet weather delayed planting here. Cool temps and the wet weather continued through the end of June, before temps heated up in July. Rainfall was plentiful until mid-July, then the rains stopped. No appreciable rainfall in August or September. A killing frost occurred Sept 15th, cutting yields up to 25% in some varieties. Plant height was 36-40" at harvest*

Lat: N43.72108, Long: W-93.86937

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

AgSCI Copyright 2011

Report Date: 10/4/2011

Revised: 10/7/2011

Typo corrected in NorthStar NS 2377NR2



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®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent