

2011 BETTER VARIETIES Harvest Report for Minnesota South Central [MNSC]

S1MNSC05

Brian Hicks, Lyon County, MN 56175 [TRACY]

PREV. CROP/HERB: Corn / Harness, Roundup
 SOIL DESCRIPTION: Canisteo-Letri silty clay loam, well drained, non-irrigated 1.5 - 2.2 MAT. GROUP
 SOIL CONDITIONS: Medium SCN, high P, high K, 6.2 pH, 5.7% OM 30" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Authority, Roundup, Fusilade DX, Cobalt
 SEEDED - RATE: Jun 3 159,000 /A TOP 30 for YIELD of 72 TESTED
 HARVESTED - STAND: Oct 4 136,100 /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	
Titan Pro	20M1	RR2Y	2.0	R	CM	48.4	5.4	0.0	140.4	\$532.4	
Renk	RS202NR2	RR2Y	2.0	R	None	44.3	5.5	0.0	131.7	\$487.3	
Advantage	ADV1811CR2	RR2Y	1.8	R	None	43.2	5.3	0.0	138.4	\$475.2	
Anderson	162R2Y	RR2Y	1.6	R	AC	43.1	5.4	0.0	138.4	\$474.1	
NorthStar	NS 1916NR2	RR2Y	1.9	R	AC	42.7	5.5	0.0	149.1	\$469.7	
Hefty	H18Y12	RR2Y	1.8	MR	I	41.9	5.5	0.0	136.5	\$460.9	
Kruger	K2-1901	RR2Y	1.9	R	AC	41.9	5.4	0.0	146.2	\$460.9	
Hefty	H20Y12	RR2Y	2.0	MR	I	41.7	5.7	0.0	125.9	\$458.7	
Mustang	M-18922	RR2Y	1.8	R	AC	41.4	5.4	0.0	144.2	\$455.4	
Prairie Brand	PB-1823R2	RR2Y	1.8	R	CM	41.1	5.2	0.0	132.6	\$452.1	
Channel	2000R2	RR2Y	2.0	R	AC	41.1	5.9	0.0	138.4	\$452.1	
Kruger	K2-1602	RR2Y	1.6	R	AC	41.0	5.3	0.0	126.8	\$451.0	
Kruger	K2-1902	RR2Y	1.9	R	AC	41.0	5.9	0.0	131.7	\$451.0	
G2 Genetics	7208^*	RR	2.0	R	T6	40.8	5.4	0.0	130.7	\$448.8	
Renk	RS140NR2	RR2Y	1.4	R	AM	40.1	5.1	0.0	139.4	\$441.1	
Mustang	M-20622	RR2Y	2.0	R	AC	39.6	5.5	0.0	126.8	\$435.6	
Kruger	K2-1501	RR2Y	1.5	R	AC	39.4	5.2	0.0	142.3	\$433.4	
Anderson	184R2Y	RR2Y	1.8	R	AC	39.1	5.6	0.0	123.0	\$430.1	
Anderson	203R2Y	RR2Y	2.0	R	AC	38.8	5.3	0.0	130.7	\$426.8	
Renk	RS172NR2*	RR2Y	1.7	R	None	38.5	5.2	0.0	123.9	\$423.5	
Gold Country	1640	RR2Y	1.6	MR	AC	38.3	5.2	0.0	140.4	\$421.3	
NorthStar	NS 2077NR2	RR2Y	2.0	R	AC	38.2	5.6	0.0	142.3	\$420.2	
Advantage	ADV2021CR2	RR2Y	2.0	MR	None	38.1	5.2	0.0	136.5	\$419.1	
Gold Country	1741	RR2Y	1.7	R	AC	38.1	5.2	0.0	134.6	\$419.1	
Wensman	W 3180NR2*	RR2Y	1.8	R	AC	37.9	5.8	0.0	130.7	\$416.9	
Trelay	20RR43	RR2Y	2.0	R	AC	37.9	5.4	0.0	137.5	\$416.9	
Hefty	H19Y11	RR2Y	1.9	MR	I	37.8	5.3	0.0	146.2	\$415.8	
Dyna-Gro	31RY20	RR2Y	2.0	R	AC	37.8	5.9	0.0	127.8	\$415.8	
Jung	1188RR2	RR2Y	1.8	R	AC	37.3	5.8	0.0	141.3	\$410.3	
Trelay	15RR51	RR2Y	1.5	R	AC	37.2	4.9	0.0	137.5	\$409.2	
						Test Average =	36.1	5.6	0.0	136.1	\$397.5
						LSD (0.10) =	7.0	0.7	ns		
						C.V. =	14.3	8.8			


 F.I.R.S.T. Manager

TEST COMMENTS: A wet, cool spring delayed planting here, but conditions were good when planted. Rainfall was excessive through July 1st, when a storm brought wind, rain, and light hail. The rest of the growing season brought only 0.6" rain and mostly above ave temps. Yields here were highly variable, due partly to pockets of high SCN counts and dry weather. Lat: N44.32716, Long: W-95.53544

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: 10/5/2011 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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