

**2010 BETTER VARIETIES Harvest Report for Minnesota South Central [ MNSC ]**

S0MNSC05

Brian Hicks, Lyon County, MN 56175 [ TRACY ]

PREV. CROP/HERB: Corn / Harness, Roundup  
 SOIL DESCRIPTION: Canisteo-Letri silty clay loam, non-irrigated, well drained 1.3 - 2.0 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: Roundup, clorpyrifos  
 SEEDED - RATE: May 20 160,000 /A TOP 30 for YIELD of 63 TESTED  
 HARVESTED - STAND: Oct 7 116,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol. <sup>†</sup>	Mat.	SCN Resist.	Seed <sup>††</sup> Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Titan Pro	20M1*	RR2Y	2.0	R	CM	<b>66.4</b>	8.7	0.0	92.9	\$653.1
Channel	1700R2	RR2Y	1.7	R	AC	<b>65.5</b>	8.5	0.0	133.0	\$644.5
Kruger	K2-1901	RR2Y	1.9	R	AC	<b>65.2</b>	8.7	0.0	122.0	\$641.3
Mustang	M-20221	RR2Y,STS	2.0	R	AC	<b>64.7</b>	8.9	0.0	120.2	\$636.1
Stine	2062-4 GC	RR	2.0	R	AP	<b>63.5</b>	9.1	0.0	130.1	\$624.1
Titan Pro	18M10*	RR2Y	1.8	R	CM	<b>63.1</b>	8.8	0.0	109.8	\$620.5
Jung	1141RR2	RR2Y	1.4	R	AC	<b>62.9</b>	8.8	0.0	119.0	\$618.6
Gold Country	1844	RR2Y	1.8	R	AC	<b>62.6</b>	8.8	0.0	114.4	\$615.6
Advantage	ADV2021CR2*	RR2Y	2.0	MR	AC	<b>62.5</b>	8.9	0.0	122.0	\$614.5
Hefty	H187RN	RR	1.8	R	I	62.4	8.7	0.0	123.7	\$613.8
Mustang	M-190NRR	RR	1.9	R	T6	61.7	8.8	0.0	134.2	\$606.8
Anderson	203R2Y	RR2Y	2.0	R	AC	61.2	8.8	0.0	98.7	\$601.8
Anderson	201CNR	RR	2.0	R	None	60.8	9.0	0.0	119.1	\$597.7
Hefty	H19Y11	RR2Y	1.9	MR	CM	60.5	8.9	0.0	124.9	\$594.8
Anderson	191CNR	RR	1.9	R	None	60.4	8.9	0.0	124.3	\$593.9
Kruger	K2-1501	RR2Y	1.5	R	AC	60.3	8.9	0.0	126.0	\$592.9
Titan Pro	15M20	RR2Y	1.5	R	CM	60.3	8.9	0.0	100.5	\$592.9
NorthStar	NS1716NR2	RR2Y	1.7	R	CM	60.1	8.9	0.0	122.5	\$590.9
Prairie Brand	PB-1722R2	RR2Y	1.7	R	AC	59.9	8.7	0.0	109.2	\$589.2
Anderson	153CNR	RR	1.5	R	None	59.9	8.8	0.0	101.0	\$589.1
Channel	1901R2	RR2Y	1.9	R	AC	59.8	8.9	0.0	113.8	\$588.0
Anderson	162R2Y	RR2Y	1.6	R	AC	59.7	9.0	0.0	108.6	\$586.9
NorthStar	NS7204NRR	RR	2.0	R	CM	59.3	8.8	0.0	110.9	\$583.2
SOI	2038NRR	RR	2.0	R	None	59.3	8.8	0.0	116.2	\$583.2
Wensman	W3156NR2	RR2Y	1.5	R	AC	59.2	8.8	0.0	126.6	\$582.2
NorthStar	NS2026NR2	RR2Y	2.0	R	CM	59.2	8.8	0.0	114.4	\$582.2
Wensman	W3180NR2	RR2Y	1.8	R	AC	59.1	8.7	0.0	132.4	\$581.3
Kruger	K2-1602	RR2Y	1.6	R	AC	58.9	9.2	0.0	106.9	\$578.8
Wensman	W3142NR2	RR2Y	1.4	R	AC	58.8	8.9	0.0	138.2	\$578.1
Wensman	W3174NR2	RR2Y	1.7	R	AC	58.7	9.0	0.0	129.5	\$577.0
Test Average =						<b>58.3</b>	<b>8.9</b>	<b>0.0</b>	<b>116.5</b>	<b>\$573.1</b>
LSD (0.10) =						4.2	0.3	n.s.		
C.V. =						5.4	2.2			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** Summer temperatures were warm, but not too hot. Rainfall never seemed to stop here, as Brian said it was too wet from June until harvest. This site was in a well-drained location. Brian sprayed generic lorsban for aphids. Plants were tall here, with a lot of vegetative growth. We noted some pods with 4 beans; almost all showed 3 beans per pod. Lat: N44.33265, Long: W95.54465

**Yield & Income Factors:** Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$9.75

<sup>†</sup> Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol

<sup>††</sup> Seed Treatment: AC - Accelaron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excalibre, ES - Escalate, I - Inovate, O - Optimize, T - Trilex, T6 - Trilex 6000

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

Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/12/2010 Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

AC	Acceleron <sup>®</sup>
AM	ApronMaxx <sup>®</sup>
AP	Apron XL <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn
C	Cruiser <sup>®</sup>
CM	CruiserMaxx <sup>®</sup>
E	Excalibre <sup>™</sup>
ES	Escalate <sup>™</sup>
I	Inovate <sup>™</sup> System
O	Optimize <sup>®</sup>
P	Poncho <sup>®</sup>
T	Trilex <sup>®</sup>
T6	Trilex <sup>®</sup> 6000
V	Votivo <sup>™</sup>

### Trademarks

- Excalibre<sup>™</sup> is a trademark of Advanced Biological Marketing
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- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
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