

**2010 BETTER VARIETIES Harvest Report for Minnesota Central [ MNCE ]**

S0MNCE01

Doug Nelson, Big Stone County, MN 56225 [ CLINTON ]

PREV. CROP/HERB: Corn / Roundup  
 SOIL DESCRIPTION: Fram-Svea silty clay loam, non-irrigated, well drained 1.0 - 1.7 MAT. GROUP  
 SOIL CONDITIONS: Low SCN, high P, high K, 6.9 pH, 3.8% OM 30" ROW SPACING  
 TILLAGE/CULTIVATION: minimum w/ fall till  
 PEST MANAGEMENT: Roundup  
 SEEDING - RATE: May 21 160,000 /A TOP 30 for YIELD of 44 TESTED  
 HARVESTED - STAND: Oct 5 115,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income	
Croplan	R2C1869 GC	RR2Y	1.8	R	CM	<b>63.3</b>	8.0	0.0	144.0	\$623.5	
Kruger	K2-1901	RR2Y	1.9	R	AC	<b>62.9</b>	8.0	0.0	127.8	\$619.6	
Prairie Brand	PB-1722R2*	RR2Y	1.7	R	CM	<b>59.8</b>	8.2	0.0	127.8	\$588.8	
Channel	1700R2	RR2Y	1.7	R	AC	<b>59.4</b>	8.2	0.0	124.3	\$584.9	
Titan Pro	15M20	RR2Y	1.5	R	CM	<b>58.6</b>	8.3	0.0	122.0	\$576.9	
Gold Country	1040	RR2Y	1.0	S	AC	<b>58.5</b>	7.8	0.0	132.4	\$576.5	
Kruger	K2-1902	RR2Y	1.9	R	AC	<b>58.0</b>	8.2	0.0	109.2	\$571.1	
Prairie Brand	PB-1552R2	RR2Y	1.5	R	CM	<b>57.8</b>	8.0	0.0	105.7	\$569.3	
Wensman	W3174NR2	RR2Y	1.7	R	AC	57.2	8.3	0.0	103.4	\$563.1	
Asgrow	AG1730 GC	RR2Y	1.7	R	None	56.8	8.5	0.0	96.4	\$558.9	
NorthStar	NS1716NR2	RR2Y	1.7	R	CM	56.7	8.3	0.0	139.4	\$558.2	
Mustang	M-16221	RR2Y	1.6	R	AC	56.1	8.1	0.0	91.8	\$552.5	
Wensman	W3142NR2	RR2Y	1.4	R	AC	55.3	7.7	0.0	108.0	\$545.0	
NorthStar	NS1726NR2	RR2Y	1.7	R	CM	55.1	8.0	0.0	97.6	\$542.7	
Kruger	K2-1602	RR2Y	1.6	R	AC	55.1	8.2	0.0	110.4	\$542.5	
Gold Country	1444	RR2Y	1.4	R	AC	55.1	8.4	0.0	85.9	\$542.3	
Prairie Brand	PB-1701X	RR2Y	1.7	MR	CM	54.8	7.9	0.0	142.9	\$539.9	
Wensman	W3156NR2	RR2Y	1.5	R	AC	54.7	8.2	0.0	123.1	\$538.6	
Gold Country	1240	RR2Y	1.2	S	AC	54.7	8.4	0.0	88.9	\$538.4	
Titan Pro	9M3*	RR2Y	1.0	R	CM	53.8	8.4	0.0	120.8	\$529.5	
Hefty	H16Y11	RR2Y	1.6	MR	AC	53.6	8.1	0.0	115.6	\$527.9	
Channel	1503R2	RR2Y	1.5	R	AC	53.4	7.9	0.0	104.5	\$526.1	
Gold Country	1640	RR2Y	1.6	MR	AC	53.4	8.2	0.0	137.1	\$525.8	
Kruger	K2-1501	RR2Y	1.5	R	AC	53.0	8.0	0.0	102.2	\$522.1	
Gold Country	1644	RR2Y	1.6	R	AC	52.9	8.0	0.0	112.7	\$521.1	
Asgrow	AG1506 GC	RR	1.5	MR	None	52.8	7.8	0.0	118.5	\$520.3	
Kruger	K2-1401	RR2Y	1.4	MR	AC	52.5	7.6	0.0	132.4	\$517.5	
Hefty	H12Y11	RR2Y	1.2	MR	AC	52.0	7.7	0.0	121.4	\$512.5	
Titan Pro	14M2*	RR2Y	1.4	R	CM	52.0	8.0	0.0	117.3	\$512.2	
Kruger	K2-1701	RR2Y	1.7	R	AC	51.9	8.6	0.0	129.0	\$510.6	
						Test Average =	<b>53.5</b>	<b>8.1</b>	<b>0.0</b>	<b>115.5</b>	<b>\$527.2</b>
						LSD (0.10) =	4.1	0.1	n.s.		
						C.V. =	5.7	0.8			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Planting conditions were excellent. Summer temps were mostly warm, but not extreme. Rainfall was plentiful all summer, with a bit too much rain overall. Doug sprayed this plot site with Lorsban to control aphids. Most plots showed good plant height and all had low lodging scores.*

Lat: N45.4066, Long: W96.45718

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

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

‡ 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: 10/9/2010 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

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- 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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