

**2010 BETTER VARIETIES Harvest Report for Minnesota South [ MNSO ]**

S0MNSO12

Brian Herbst, Dodge County, MN 55944 [ KASSON ]

PREV. CROP/HERB: Corn / Accent, Laudis, Force  
 SOIL DESCRIPTION: Readlyn silt loam, non-irrigated, well drained  
 SOIL CONDITIONS: Low SCN, high P, high K, 6.9 pH, 3.2% OM  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Prowl, Optil, Pendant  
 SEEDED - RATE: May 15 160,000 /A  
 HARVESTED - STAND: Oct 2 123,500 /A

 1.6 - 2.3 MAT. GROUP  
 30" ROW SPACING

**TOP 30 for YIELD of 81 TESTED**  
**AVERAGE of (3) REPLICATIONS**

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CM	<b>68.6</b>	11.6	0.0	94.7	\$756.5
Wensman	W3200NR2	RR2Y	2.0	R	AC	<b>68.4</b>	11.7	0.0	102.8	\$754.2
Kruger	K2-1901	RR2Y	1.9	R	AC	<b>66.9</b>	11.4	0.0	133.6	\$738.0
Gold Country	2040	RR2Y	2.0	R	AC	<b>66.7</b>	11.3	0.0	88.9	\$736.0
Channel	1901R2	RR2Y	1.9	R	AC	<b>66.7</b>	11.5	1.3	112.7	\$735.7
NorthStar	NS2116NR2	RR2Y	2.1	R	CM	<b>66.0</b>	11.9	0.0	103.4	\$727.5
Prairie Brand	PB-1942R2	RR2Y	1.9	R	CM	65.7	11.8	0.0	137.7	\$724.3
Gold Country	2140	RR2Y	2.1	R	AC	65.4	11.6	0.0	134.7	\$721.2
Prairie Brand	PB-2058NRR	RR	2.0	R	T6	65.2	11.7	0.0	116.2	\$718.9
Prairie Brand	PB-1722R2	RR2Y	1.7	R	AC	65.1	11.6	0.0	126.6	\$717.9
Gold Country	1644	RR2Y	1.6	R	AC	64.9	11.9	0.0	113.9	\$715.3
Wensman	W3180NR2	RR2Y	1.8	R	AC	64.4	11.6	0.0	144.0	\$710.2
NorthStar	NS1916NR2	RR2Y	1.9	R	CM	64.1	11.5	0.0	149.8	\$707.0
Titan Pro	21M2	RR2Y	2.1	R	CM	64.1	12.1	0.0	141.1	\$706.3
Wensman	W3230R2	RR2Y	2.3	S	AC	63.9	12.8	1.3	123.7	\$703.2
Gold Country	1844	RR2Y	1.8	R	AC	63.7	11.9	0.0	135.3	\$702.1
Advantage	ADV2101CR*	RR	2.1	MR	None	63.6	11.7	0.0	135.3	\$701.3
Hefty	H187RN	RR	1.8	R	I	63.4	11.8	0.0	126.6	\$698.9
Hefty	H18Y11	RR2Y	1.8	MR	AC	63.4	11.9	0.0	98.7	\$698.8
NorthStar	NS2026NR2	RR2Y	2.0	R	CM	63.4	12.0	0.0	116.2	\$698.7
Titan Pro	20M70	RR2Y	2.0	S	CM	63.4	12.3	2.7	140.6	\$698.3
NK Brand	S21-B1 GC	RR	2.1	R	None	63.2	11.5	1.3	130.7	\$697.1
Titan Pro	23M9*	RR2Y	2.3	S	CM	63.2	13.2	0.0	128.9	\$694.9
Prairie Brand	PP-202	RR2Y	2.0	MR	CM	62.9	11.9	1.3	136.5	\$693.3
Viking	2265	None	2.2	R	CM	62.9	12.1	0.0	149.8	\$693.0
Viking	2294NRR	RR	2.2	R	CM	62.8	11.8	0.0	144.0	\$692.3
Kruger	K2-1902	RR2Y	1.9	R	AC	62.7	11.6	0.0	109.2	\$691.5
Legend	LS-1078LL	LL	1.0	S	T6	62.7	11.7	0.0	112.1	\$691.3
NuTech	G2 7212^	RR	2.1	R	CM	62.7	12.1	0.0	134.8	\$690.8
Channel	2000R2	RR2Y	2.0	R	AC	62.6	11.4	0.0	95.3	\$690.6
Test Average =						<b>61.0</b>	<b>12.0</b>	<b>0.8</b>	<b>123.5</b>	<b>\$672.5</b>
LSD (0.10) =						4.9	0.6	3.5		
C.V. =						6.0	3.8			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Planting conditions were excellent, and good rains followed through July. Growing conditions were quite good all summer. Brian stated that aphid populations did not reach threshold, so no control was needed. This site and region was sprayed conventionally, as both Roundup Ready and LibertyLink varieties were tested here.*

Lat: N44.01981, Long: W92.72311

Yield &amp; Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.00

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

‡ Seed Treatment: AC - Acceleron, 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)

AgSCI Copyright 2010

Report Date: 10/5/2010 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
- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
- Escalate<sup>™</sup> is a trademark of Beck's Superior Hybrids
- 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.
- Acceleron<sup>®</sup>, Genuity<sup>®</sup>, Roundup Ready<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, SmartStax<sup>™</sup>, VT Double PRO<sup>™</sup>, VT Triple PRO<sup>™</sup>, YieldGard<sup>®</sup>, YieldGard VT Rootworm/RR2<sup>™</sup>, and YieldGard VT Triple<sup>®</sup> are trademarks of Monsanto Technology LLC.
- Agrisure<sup>®</sup>, ApronMaxx<sup>®</sup>, ApronXL<sup>®</sup>, Avicta<sup>®</sup>, Cruiser<sup>®</sup>, and CruiserMaxx<sup>®</sup> are trademarks of Syngenta.
- Inovate<sup>™</sup> System is a trademark of Valent