

**2010 BETTER VARIETIES Harvest Report for South Dakota North East [ SDNE ]**

S0SDNE02

Fred Zenk, Day County, SD 57274 [ WEBSTER ]

PREV. CROP/HERB: Corn / Roundup  
 SOIL DESCRIPTION: Nutley-Sinai silty clay loam, non-irrigated, well drained  
 SOIL CONDITIONS: Low SCN, low P, high K, 7 pH, 5.6% OM  
 TILLAGE/CULTIVATION: no-till  
 PEST MANAGEMENT: Roundup twice  
 SEEDING - RATE: May 28 150,000 /A  
 HARVESTED - STAND: Oct 7 94,700 /A

 1.0 - 1.7 MAT. GROUP  
 30" ROW SPACING

 TOP 30 for YIELD of 34 TESTED  
 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
Gold Country	1640	RR2Y	1.6	MR	AC	<b>44.7</b>	10.2	5.7	96.8	\$449.5
Croplan	R2C1869 GC	RR2Y	1.8	R	CM	<b>44.6</b>	9.8	4.0	92.9	\$448.9
Prairie Brand	PB-1410R2	RR2Y	1.4	S	CM	<b>44.1</b>	9.8	7.3	89.0	\$443.8
Wensman	W3131R2	RR2Y	1.3	S	AC	<b>44.0</b>	10.1	8.0	102.6	\$442.6
Wensman	W3096R2	RR2Y	0.9	S	AC	43.1	9.4	5.7	96.8	\$434.1
Wensman	W3114R2	RR2Y	1.1	S	AC	42.3	10.4	5.7	88.1	\$425.2
Gold Country	1040	RR2Y	1.0	S	AC	42.2	9.5	7.3	95.8	\$425.0
Asgrow	AG1730 GC	RR2Y	1.7	R	None	41.4	10.3	5.7	100.7	\$416.2
Kruger	K2-1901	RR2Y	1.9	R	AC	41.1	9.9	6.3	91.9	\$413.5
Kruger	K2-1102	RR2Y	1.1	S	AC	40.9	9.6	7.3	90.0	\$411.8
Mustang	M-14441	RR2Y	1.4	S	AC	40.9	10.0	8.0	96.8	\$411.5
NuTech	G2 6088^	RR	1.0	S	CM	40.3	9.3	3.0	93.9	\$406.0
Kruger	K2-1501	RR2Y	1.5	R	AC	40.2	9.9	5.7	104.6	\$404.5
Prairie Brand	PB-1597RR	RR	1.6	S	T6	39.9	9.9	4.0	108.4	\$401.5
Kruger	K2-1902	RR2Y	1.9	R	AC	39.9	10.2	9.7	90.0	\$401.2
Channel	1201R2	RR2Y	1.2	S	AM	39.4	10.1	5.7	103.6	\$396.3
Kruger	K2-1001	RR2Y	1.0	S	AC	38.7	9.6	4.7	91.9	\$389.6
Channel	1503R2	RR2Y	1.5	R	AC	38.4	9.9	4.0	89.0	\$386.4
Kruger	K2-1602	RR2Y	1.6	R	AC	38.1	10.0	4.0	91.0	\$383.3
Pioneer	91Y72 GC	RR	1.7	R	None	38.0	9.7	5.7	88.1	\$382.5
Gold Country	1644	RR2Y	1.6	R	AC	37.9	9.7	4.0	94.8	\$381.5
Gold Country	1240	RR2Y	1.2	S	AC	37.8	9.9	5.7	93.9	\$380.3
Wensman	W3101R2	RR2Y	1.0	S	AC	37.2	9.6	4.0	82.3	\$374.5
Mustang	M-16221	RR2Y	1.6	R	AC	36.9	9.6	3.0	90.0	\$371.5
Wensman	W3156NR2	RR2Y	1.5	R	AC	36.7	10.2	5.7	95.8	\$369.1
Kruger	K2-1401	RR2Y	1.4	MR	AC	35.4	9.5	4.7	89.0	\$356.5
Kruger	K2-1701	RR2Y	1.7	R	AC	34.4	9.8	7.3	93.9	\$346.2
NuTech	G2 6160^	RR	1.6	S	CM	34.0	9.7	4.7	89.0	\$342.2
Gold Country	1440	RR2Y	1.4	MR	AC	33.3	9.6	5.7	96.8	\$335.3
Channel	1400R2	RR2Y	1.4	MR	AC	33.3	9.7	4.0	98.7	\$335.2
Test Average =						<b>38.5</b>	<b>9.8</b>	<b>5.4</b>	<b>94.7</b>	<b>\$387.2</b>
LSD (0.10) =						5.4	0.5	3.8		
C.V. =						10.3	3.8			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *There were wet conditions in the spring and record rainfalls in June and July. This site drained well and managed the excess moisture without damaging the plot. A dry spell in August helped to lower yield potential as beans started flowering and setting pods during that time.*

Lat: N45.36613, Long: W97.40962

**Yield & Income Factors:** Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$10.00

<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)

AgSCI Copyright 2010

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
- 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