

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

S0SDNE03

Scott Sperry, Brown County, SD 57427 [ BATH ]

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Great-Bend silt loam, non-irrigated, well drained 1.0 - 1.7 MAT. GROUP  
 SOIL CONDITIONS: Low SCN, high P, high K, 7 pH, 3.6% OM 30" ROW SPACING  
 TILLAGE/CULTIVATION: no-till  
 PEST MANAGEMENT: Roundup  
 SEEDED - RATE: May 20 150,000 /A TOP 30 for YIELD of 34 TESTED  
 HARVESTED - STAND: Oct 7 91,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Kruger	K2-1102	RR2Y	1.1	S	AC	<b>53.8</b>	8.9	7.3	95.3	\$542.4
Kruger	K2-1001	RR2Y	1.0	S	AC	<b>53.7</b>	9.1	4.7	90.6	\$541.2
Prairie Brand	PB-1597RR	RR	1.6	S	T6	<b>53.2</b>	9.1	4.0	84.2	\$536.1
Croplan	R2C1869 GC	RR2Y	1.8	R	CM	<b>52.8</b>	9.1	4.0	92.9	\$532.1
Kruger	K2-1901	RR2Y	1.9	R	AC	<b>52.2</b>	8.7	6.3	88.3	\$526.5
Gold Country	1644	RR2Y	1.6	R	AC	<b>51.8</b>	9.0	4.0	97.6	\$522.1
Prairie Brand	PB-1120R2	RR2Y	1.1	S	CM	<b>51.8</b>	9.3	3.0	92.9	\$521.8
Kruger	K2-1501	RR2Y	1.5	R	AC	<b>51.6</b>	9.1	5.7	105.7	\$520.0
Mustang	M-16221	RR2Y	1.6	R	AC	<b>50.6</b>	8.9	3.0	95.2	\$510.1
Asgrow	AG1730 GC	RR2Y	1.7	R	None	<b>50.6</b>	9.2	5.7	89.4	\$509.8
Wensman	W3131R2	RR2Y	1.3	S	AC	<b>49.5</b>	8.8	8.0	88.3	\$499.2
Gold Country	1640	RR2Y	1.6	MR	AC	<b>49.2</b>	9.3	5.7	87.1	\$495.6
Kruger	K2-1602	RR2Y	1.6	R	AC	<b>48.2</b>	8.9	4.0	108.0	\$486.0
Prairie Brand	PB-1410R2	RR2Y	1.4	S	CM	<b>48.2</b>	9.2	7.3	92.9	\$485.7
NuTech	G2 7186^	RR	1.8	R	CM	<b>48.1</b>	8.9	5.7	92.9	\$484.9
Gold Country	1040	RR2Y	1.0	S	AC	<b>47.1</b>	9.1	7.3	85.9	\$474.7
Gold Country	1240	RR2Y	1.2	S	AC	<b>46.6</b>	9.2	5.7	90.6	\$469.5
Kruger	K2-1902	RR2Y	1.9	R	AC	<b>46.3</b>	9.2	9.7	88.3	\$466.5
Channel	1201R2	RR2Y	1.2	S	AM	<b>46.1</b>	9.1	5.7	90.6	\$464.6
Wensman	W3156NR2	RR2Y	1.5	R	AC	<b>45.7</b>	8.9	5.7	98.7	\$460.7
Wensman	W3096R2	RR2Y	0.9	S	AC	<b>45.6</b>	8.9	5.7	86.0	\$459.7
Kruger	K2-1401	RR2Y	1.4	MR	AC	<b>45.5</b>	8.9	4.7	95.3	\$458.7
Prairie Brand	PB-1499NRR2	RR2Y	1.4	R	CM	<b>44.8</b>	9.1	4.7	110.3	\$451.5
NuTech	G2 6088^	RR	1.0	S	CM	<b>44.2</b>	8.8	3.0	90.6	\$445.7
Gold Country	1440	RR2Y	1.4	MR	AC	<b>43.1</b>	8.6	5.7	87.1	\$434.8
Channel	1400R2	RR2Y	1.4	MR	AC	<b>42.8</b>	8.9	4.0	86.5	\$431.5
NuTech	G2 6159^	RR	1.5	S	CM	<b>42.6</b>	9.2	4.0	85.4	\$429.2
Channel	1503R2	RR2Y	1.5	R	AC	<b>42.5</b>	8.9	4.0	110.4	\$428.5
Pioneer	91Y72 GC	RR	1.7	R	None	<b>41.6</b>	9.0	5.7	80.2	\$419.3
Kruger	K2-1701	RR2Y	1.7	R	AC	<b>41.3</b>	9.0	7.3	84.8	\$416.3
Test Average =						<b>46.7</b>	<b>9.0</b>	<b>5.4</b>	<b>91.5</b>	<b>\$470.5</b>
LSD (0.10) =						5.3	0.2	3.8		
C.V. =						8.3	1.9			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Wet cool weather after planting hurt this bean crop. Emergence and final stands were not the best. Despite record rains, the plot drained well, produced good yields, and filled in nicely. Dry weather this fall has helped dry up fields and harvest conditions were very good.*

Lat: N45.45093, Long: W98.31505

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

† 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



## 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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