

**2011 BETTER VARIETIES Harvest Report for South Dakota South East [ SDSE ]**  
 Ernie Christensen, McCook County, SD 57048 [ SALEM ]

S1SDSE02

PREV. CROP/HERB: Corn / Roundup, Atrazine  
 SOIL DESCRIPTION: Hand-Bonilla loam, well drained, non-irrigated  
 SOIL CONDITIONS: Low SCN, moderate P, moderate K, 6.7 pH, 3% OM  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Roundup, Silencer  
 SEEDED - RATE: May 26 160,000 /A  
 HARVESTED - STAND: Oct 7 98,100 /A

 2.1 - 2.8 MAT. GROUP  
 30" ROW SPACING

 TOP 30 for YIELD of 45 TESTED  
 AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technol. <sup>†</sup>	Mat.	SCN Resist.	Seed <sup>††</sup> Trmt.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Hefty	H23Y10	RR2Y	2.2	S	I	57.2	8.2	5.7	90.0	\$629.2
Hefty	H22Y12	RR2Y	2.2	MR	I	57.2	8.2	11.7	100.6	\$629.2
Mustang	M-23530	RR2Y	2.3	MR	AC	56.7	8.3	7.3	93.9	\$623.7
Kruger	K2-2301	RR2Y	2.3	S	AC	55.7	8.3	12.7	91.9	\$612.7
Prairie Brand	PP-213	RR2Y	2.1	R	AM	55.3	8.2	9.7	103.5	\$608.3
Prairie Brand	PB-2544R2	RR2Y	2.5	R	CM	54.2	8.7	8.0	92.9	\$596.2
Kruger	K2-2302	RR2Y	2.3	R	AC	53.8	8.3	5.7	108.4	\$591.8
SOI	2430RR2Y	RR2Y	2.4	S	CM,AP	53.5	8.1	7.3	114.2	\$588.5
Titan Pro	23M9	RR2Y	2.3	S	CM	53.4	8.4	7.3	92.9	\$587.4
Titan Pro	24M21	RR2Y	2.4	R	AC	52.6	8.8	4.7	91.9	\$578.6
Wensman	W 3230R2	RR2Y	2.3	S	AC	52.4	8.0	7.3	92.9	\$576.4
Prairie Brand	PB-2558NRR	RR	2.4	R	CM	51.8	8.1	8.0	98.7	\$569.8
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	51.7	8.0	7.3	103.6	\$568.7
Wensman	W 3212NR2	RR2Y	2.1	R	AC	51.1	8.3	5.7	88.1	\$562.1
Wensman	W 3200NR2	RR2Y	2.0	R	AC	50.5	8.4	8.0	89.0	\$555.5
Hefty	H25Y12	RR2Y	2.5	MR	I	50.3	8.7	19.7	133.4	\$553.3
Gold Country	2341	RR2Y	2.3	S	AC	49.4	8.0	8.7	111.3	\$543.4
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CM	49.3	8.5	3.0	86.1	\$542.3
Pioneer	92Y51 GC	RR	2.5	R	None	49.1	8.4	4.0	86.1	\$540.1
Mustang	M-24322	RR2Y	2.4	R	AC	48.8	8.8	9.0	88.1	\$536.8
Wensman	W 3256NR2*	RR2Y	2.5	R	AC	48.2	8.8	19.0	88.1	\$530.2
Kruger	K2-2102	RR2Y	2.1	R	AC	48.0	8.2	8.0	98.8	\$528.0
Prairie Brand	PB-2391R2	RR2Y	2.3	S	CM	47.9	8.2	9.7	101.6	\$526.9
NK Brand	S25-R3 GC	RR	2.5	S	None	46.8	8.4	7.0	106.5	\$514.8
SOI	2211NRR2Y	RR2Y	2.3	R	CM,AP	46.7	8.8	11.3	126.8	\$513.7
Hefty	H27Y11	RR2Y	2.7	MR	I	46.4	8.9	3.0	90.0	\$510.4
Titan Pro	22M11	RR2Y	2.2	R	AC	45.9	8.3	7.3	101.6	\$504.9
Hefty	H26Y11	RR2Y	2.6	MR	I	45.8	9.1	11.3	93.9	\$503.8
Mustang	M-27721	RR2Y	2.7	R	AC	45.7	8.7	11.3	100.7	\$502.7
Prairie Brand	PB-1920R2	RR2Y	1.9	S	CM	45.6	8.3	23.0	99.7	\$501.6
Test Average =						<b>48.0</b>	<b>8.5</b>	<b>9.6</b>	<b>98.1</b>	<b>\$528.2</b>
LSD (0.10) =						4.8	0.3	10.6		
C.V. =						7.4	2.6			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *A wet spring delayed planting. The site had good growing conditions most of the summer. Ernie was able to catch some rains in August as things started to dry out in late summer. The beans had the potential for better yields but a September frost really affected the later bean varieties. The earlier varieties rose to the top this year.*

Lat: N43.83633, Long: W-97.24959

Yield &amp; Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.040 Price = \$11.00

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

<sup>††</sup> Seed Treatment: A - Allegiance, AC - Accelaron, AM - ApronMaxx, AP - Apron XL, AV - Avicta, CM - CruiserMaxx, E - Excalibre, I - Inovate, G - Gaucho, O - Optimize, T - Trilex, T2 - Trilex 2000, T6 - Trilex 6000, V - Votivo

Results in bold are significantly above the test average. GC = grower comparison 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 2011

Report Date: 10/9/2011 Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^ G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

### Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

### Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

### Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent