

**2011 BETTER VARIETIES Harvest Report for South Dakota North East [ SDNE ]**  
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S1SDNE12

PREV. CROP/HERB: Corn / Roundup  
 SOIL DESCRIPTION: Hetland silty clay loam, well drained, non-irrigated 1.0 - 1.7 MAT. GROUP  
 SOIL CONDITIONS: Low SCN, mod. high P, mod. high K, 6.5 pH, 5.5% OM 30" ROW SPACING  
 TILLAGE/CULTIVATION: minimum w/ fall till  
 PEST MANAGEMENT: Glyphosate, Flexstar, Warrior, Endigo  
 SEEDED - RATE: Jun 6 160,000 /A TOP 30 for YIELD of 41 TESTED  
 HARVESTED - STAND: Oct 12 98,800 /A AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand	Technol.†	Mat.	SCN Resist.	Seed Trmt.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Titan Pro	11M61*	RR2Y	1.1	S	AC	46.8	12.8	1.0	95.8	\$514.8
Hefty	H15Y12	RR2Y	1.5	S	I	45.5	12.5	1.0	101.6	\$500.5
Wensman	W 3131R2	RR2Y	1.3	S	AC	43.2	12.8	1.0	103.1	\$475.2
Gold Country	1040	RR2Y	1.0	S	AC	43.0	12.3	1.0	98.7	\$473.0
Hefty	H13Y11	RR2Y	1.3	S	I	43.0	12.6	1.0	90.0	\$473.0
Kruger	K2-1602	RR2Y	1.6	R	AC	42.4	12.6	1.0	104.5	\$466.4
Prairie Brand	PB-1320R2	RR2Y	1.3	S	CM	41.9	12.8	1.0	95.8	\$460.9
Hefty	H16Y11	RR2Y	1.6	MR	I	41.4	12.6	1.0	100.2	\$455.4
Wensman	W 3120R2*	RR2Y	1.2	S	AC	41.4	12.0	2.5	85.7	\$455.4
Prairie Brand	PB-1591R2	RR2Y	1.5	S	CM	40.7	12.9	1.0	101.7	\$447.7
Kruger	K2-1001	RR2Y	1.0	S	AC	40.5	13.0	1.0	94.4	\$445.5
Hefty	H16Y12	RR2Y	1.6	MR	I	40.3	12.8	1.0	95.8	\$443.3
Hefty	H13Y12	RR2Y	1.3	S	I	40.3	12.8	1.0	106.0	\$443.3
Dyna-Gro	38RY13	RR2Y	1.3	S	AC	40.2	12.6	1.0	100.2	\$442.2
Kruger	K2-0701	RR2Y	0.7	S	AC	39.1	12.7	1.0	91.5	\$430.1
Gold Country	0941	RR2Y	0.9	S	AC	38.9	12.1	2.5	95.8	\$427.9
Wensman	W 3140R2	RR2Y	1.4	S	AC	38.5	13.2	1.0	110.4	\$423.2
Titan Pro	14M61*	RR2Y	1.4	S	AC	38.2	12.4	1.0	92.9	\$420.2
Dyna-Gro	37RY14	RR2Y	1.4	R	AC	38.1	12.5	1.0	101.6	\$419.1
Gold Country	1640	RR2Y	1.6	MR	AC	38.1	13.0	1.0	94.4	\$419.1
Mustang	M-15522	RR2Y	1.5	R	AC	37.7	13.0	1.0	95.8	\$414.7
Prairie Brand	PB-1120R2	RR2Y	1.2	S	CM	37.4	13.0	1.0	110.4	\$411.4
Gold Country	1440	RR2Y	1.4	MR	AC	36.9	12.5	1.0	95.8	\$405.9
Hefty	H12Y12	RR2Y	1.2	S	I	36.9	12.5	1.0	92.9	\$405.9
Titan Pro	15M20*	RR2Y	1.5	R	CM	35.7	12.7	1.0	91.5	\$392.7
Kruger	K2-1401	RR2Y	1.4	MR	AC	35.6	12.3	1.0	103.1	\$391.6
Kruger	K2-1102	RR2Y	1.1	S	AC	35.5	12.5	1.0	111.8	\$390.5
Wensman	W 3108R2*	RR2Y	1.0	S	AC	35.4	12.5	1.0	110.4	\$389.4
Mustang	M-17722	RR2Y	1.7	R	AC	35.3	12.8	1.0	103.1	\$388.3
Mustang	M-13552	RR2Y	1.3	R	AC	35.2	12.3	1.0	111.9	\$387.2
Test Average =						<b>38.0</b>	<b>12.5</b>	<b>1.1</b>	<b>98.8</b>	<b>\$417.5</b>
LSD (0.10) =						6.9	0.8	0.7		
C.V. =						11.0	4.1			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Wet conditions this spring made planting a challenge this year on this no-till location. After planting, the soils and weather stayed wet and spraying was delayed making weed pressure an issue. We lost one replication from the inconsistent conditions of the site. Dry weather in August and a September 15 frost made yields suffer too.* Lat: N44.49975, Long: W-97.04243

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

† Technology: RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonylurea Tol  
 †† 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



## 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®

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