

2011 BETTER VARIETIES Harvest Report for South Dakota North East [SDNE]
 Scott Sperry, Brown County, SD 57427 [BATH]

S1SDNE10

PREV. CROP/HERB: Corn / Roundup
 SOIL DESCRIPTION: Great Bend silt loam, well drained, non-irrigated
 SOIL CONDITIONS: Low SCN, mod. high P, mod. high K, 7 pH, 3% OM
 TILLAGE/CULTIVATION: minimum w/ fall till
 PEST MANAGEMENT: Roundup, Select Max
 SEEDING - RATE: May 25 160,000 /A
 HARVESTED - STAND: Oct 8 97,600 /A

 1.0 - 1.7 MAT. GROUP
 30" ROW SPACING

 TOP 30 for YIELD of 41 TESTED
 AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Hefty	H13Y12	RR2Y	1.3	S	I	53.1	8.9	1.0	97.3	\$584.1
Titan Pro	11M61*	RR2Y	1.1	S	AC	51.2	8.9	1.0	88.6	\$563.2
Hefty	H13Y11	RR2Y	1.3	S	I	49.3	8.8	1.0	116.2	\$542.3
Kruger	K2-1602	RR2Y	1.6	R	AC	49.0	8.9	1.0	117.6	\$539.0
Kruger	K2-0801	RR2Y	0.8	S	AC	48.7	8.7	1.0	100.2	\$535.7
Hefty	H15Y12	RR2Y	1.5	S	I	48.5	8.7	1.0	103.1	\$533.5
Kruger	K2-1001	RR2Y	1.0	S	AC	48.1	8.8	1.0	94.4	\$529.1
Dyna-Gro	38RY13	RR2Y	1.3	S	AC	47.5	9.2	1.0	94.4	\$522.5
Gold Country	1040	RR2Y	1.0	S	AC	46.1	8.5	1.0	107.5	\$507.1
Hefty	H12Y12	RR2Y	1.2	S	I	45.6	8.9	1.0	119.1	\$501.6
Wensman	W 3131R2	RR2Y	1.3	S	AC	45.5	8.8	1.0	108.9	\$500.5
Kruger	K2-1501	RR2Y	1.5	R	AC	44.5	9.1	1.0	111.8	\$489.5
Prairie Brand	PB-1120R2	RR2Y	1.2	S	CM	44.3	9.0	1.0	84.2	\$487.3
Hefty	H16Y12	RR2Y	1.6	MR	I	44.1	9.0	1.0	91.5	\$485.1
Mustang	M-15522	RR2Y	1.5	R	AC	43.9	8.9	1.0	88.6	\$482.9
Mustang	M-17722	RR2Y	1.7	R	AC	43.7	8.6	1.0	92.9	\$480.7
Prairie Brand	PB-0920R2	RR2Y	1.0	S	CM	43.4	8.5	1.0	69.7	\$477.4
Mustang	M-13552	RR2Y	1.3	R	AC	43.3	8.7	1.0	104.6	\$476.3
Wensman	W 3108R2*	RR2Y	1.0	S	AC	43.2	8.6	1.0	103.1	\$475.2
Dyna-Gro	37RY14	RR2Y	1.4	R	AC	43.0	8.6	1.0	97.3	\$473.0
Gold Country	1240	RR2Y	1.2	S	AC	42.3	8.6	1.0	82.8	\$465.3
Kruger	K2-0701	RR2Y	0.7	S	AC	42.0	8.8	1.0	90.0	\$462.0
Wensman	W 3120R2*	RR2Y	1.2	S	AC	41.8	8.9	1.0	94.4	\$459.8
Wensman	W 3114R2	RR2Y	1.1	S	AC	41.6	8.5	1.0	88.6	\$457.6
Wensman	W 3174NR2	RR2Y	1.7	R	AC	41.1	8.8	1.0	123.5	\$452.1
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CM	41.1	8.9	1.0	103.1	\$452.1
Prairie Brand	PB-1320R2	RR2Y	1.3	S	CM	40.9	8.7	1.0	101.6	\$449.9
Gold Country	0941	RR2Y	0.9	S	AC	40.4	8.5	1.0	95.8	\$444.4
Titan Pro	15M20*	RR2Y	1.5	R	CM	40.4	8.7	1.0	92.9	\$444.4
Prairie Brand	PB-1591R2	RR2Y	1.5	S	CM	40.4	9.2	1.0	84.2	\$444.4
Test Average =						43.2	8.8	1.0	97.6	\$475.3
LSD (0.10) =						5.6	0.4	ns		
C.V. =						7.7	3.0			


 F.I.R.S.T. Manager

TEST COMMENTS: This test had some weed pressure early as wet soils prevented timely spraying. Extended wet conditions in June also impacted select areas. One replication was removed to eliminate these impacts on results. In August the weather turned dry and had an impact on yield potential. We finished off with a mid September frost which also affected yields. Lat: N45.45325, Long: W-98.31437

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

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/10/2011 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®

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