

2011 BETTER VARIETIES Harvest Report for South Dakota North East [SDNE]
 Fred Zenk, Day County, SD 57274 [WEBSTER]

S1SDNE11

PREV. CROP/HERB: Corn / Roundup

SOIL DESCRIPTION: Nutley-Sinai silty clay, well drained, non-irrigated

1.0 - 1.7 MAT. GROUP

SOIL CONDITIONS: Low SCN, low P, high K, 7.5 pH, 5.5% OM

30" ROW SPACING

TILLAGE/CULTIVATION: conventional w/ fall till

PEST MANAGEMENT: Roundup (2x), Hero, Stratego

SEEDED - RATE: May 25 160,000 /A

TOP 30 for YIELD of 41 TESTED

HARVESTED - STAND: Oct 8 95,300 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technol. [†]	Mat.	SCN Resist.	Seed ^{††} Trmt.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CM	41.9	10.1	1.0	85.2	\$460.9
Titan Pro	11M61*	RR2Y	1.1	S	AC	41.8	10.7	3.7	77.4	\$459.8
Hefty	H11Y12	RR2Y	1.1	S	I	41.2	11.7	1.0	81.3	\$453.2
Mustang	M-17722	RR2Y	1.7	R	AC	41.1	9.6	2.0	101.6	\$452.1
Kruger	K2-0801	RR2Y	0.8	S	AC	40.9	9.9	1.0	88.1	\$449.9
Gold Country	1040	RR2Y	1.0	S	AC	40.6	10.0	1.0	104.5	\$446.6
Hefty	H13Y12	RR2Y	1.3	S	I	40.3	9.5	2.0	106.5	\$443.3
Kruger	K2-1001	RR2Y	1.0	S	AC	40.1	11.1	3.7	86.1	\$441.1
Wensman	W 3131R2	RR2Y	1.3	S	AC	39.8	10.5	1.0	117.1	\$437.8
Prairie Brand	PB-0920R2	RR2Y	1.0	S	CM	39.4	9.6	2.0	90.0	\$433.4
Kruger	K2-1401	RR2Y	1.4	MR	AC	39.1	9.5	1.0	103.6	\$430.1
Wensman	W 3114R2	RR2Y	1.1	S	AC	38.7	9.5	1.0	99.7	\$425.7
Gold Country	1741	RR2Y	1.7	R	AC	38.6	9.9	1.0	87.1	\$424.6
Kruger	K2-1102	RR2Y	1.1	S	AC	38.6	11.7	4.7	91.9	\$424.6
Gold Country	1240	RR2Y	1.2	S	AC	37.2	10.0	1.0	86.1	\$409.2
Mustang	M-15522	RR2Y	1.5	R	AC	37.1	10.0	1.0	87.1	\$408.1
Gold Country	1640	RR2Y	1.6	MR	AC	36.8	9.9	1.0	101.7	\$404.8
Wensman	W 3120R2*	RR2Y	1.2	S	AC	36.6	10.3	2.0	99.7	\$402.6
Dyna-Gro	37RY14	RR2Y	1.4	R	AC	36.3	9.3	1.0	97.7	\$399.3
Dyna-Gro	34RY17	RR2Y	1.7	R	AC	36.2	10.1	1.0	95.8	\$398.2
Kruger	K2-1602	RR2Y	1.6	R	AC	35.9	10.5	1.0	100.6	\$394.9
Wensman	W 3108R2*	RR2Y	1.0	S	AC	35.5	10.8	2.0	85.2	\$390.5
Kruger	K2-1501	RR2Y	1.5	R	AC	35.4	10.2	1.0	102.6	\$389.4
Hefty	H12Y12	RR2Y	1.2	S	I	35.1	10.7	1.0	117.1	\$386.1
Titan Pro	14M61*	RR2Y	1.4	S	AC	35.0	11.3	1.0	95.8	\$385.0
Wensman	W 3174NR2	RR2Y	1.7	R	AC	34.9	11.1	1.0	91.0	\$383.9
Prairie Brand	PB-1320R2	RR2Y	1.3	S	CM	34.7	10.0	1.0	114.3	\$381.7
Gold Country	1440	RR2Y	1.4	MR	AC	34.5	10.0	1.0	99.7	\$379.5
Hefty	H16Y11	RR2Y	1.6	MR	I	34.3	9.4	1.0	95.8	\$377.3
Dyna-Gro	38RY13	RR2Y	1.3	S	AC	34.3	9.4	1.0	101.6	\$377.3
Test Average =						36.3	10.1	1.4	95.3	\$399.7
LSD (0.10) =						5.8	1.4	1.7		
C.V. =						11.8	10.5			


 F.I.R.S.T. Manager

TEST COMMENTS: *We had some volunteer corn that survived after being sprayed which helped make the plot results more variable.*
We planted in late May and the beans got off to a good start as we had plenty moisture early. Conditions changed in the second half of the season as a lack of rainfall and a mid September freeze finished the growing season.

Lat: N45.36533, Long: W-97.41529

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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