

2011 BETTER VARIETIES Harvest Report for South Dakota East Central [SDEC]

S1SDEC05

John Feller, Miner County, SD 57349 [HOWARD]

PREV. CROP/HERB: Corn / Roundup, Harness Xtra
 SOIL DESCRIPTION: Clamo-Banilla loam, well drained, non-irrigated
 SOIL CONDITIONS: Low SCN, moderate P, moderate K, 6.1 pH, 4% OM
 TILLAGE/CULTIVATION: minimum w/o fall till
 PEST MANAGEMENT: Roundup, Silencer
 SEEDED - RATE: May 26 160,000 /A
 HARVESTED - STAND: Oct 13 94,000 /A

 1.6 - 2.3 MAT. GROUP
 30" ROW SPACING

TOP 30 for YIELD of 44 TESTED
AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technol. [†]	Mat.	SCN Resist.	Seed ^{††} Trmt.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Wensman	W 3230R2	RR2Y	2.3	S	AC	59.6	12.3	2.0	98.2	\$655.6
Kruger	K2-2301	RR2Y	2.3	S	AC	56.8	12.4	2.0	94.8	\$624.8
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	56.7	12.4	5.7	96.8	\$623.7
Gold Country	2341	RR2Y	2.3	S	AC	55.8	12.2	4.0	115.2	\$613.8
Titan Pro	20M1	RR2Y	2.0	R	CM	55.7	12.4	1.0	102.6	\$612.7
Kruger	K2-1501	RR2Y	1.5	R	AC	55.5	12.6	2.0	93.9	\$610.5
Prairie Brand	PB-2391R2	RR2Y	2.3	S	CM	55.4	12.4	3.0	97.7	\$609.4
Hefty	H22Y12	RR2Y	2.2	MR	I	55.4	12.4	3.7	105.5	\$609.4
Kruger	K2-1901	RR2Y	1.9	R	AC	55.4	12.4	4.0	91.9	\$609.4
Titan Pro	23M9	RR2Y	2.3	S	CM	55.4	12.4	5.7	99.7	\$609.4
Hefty	H23Y10	RR2Y	2.2	S	I	54.9	12.3	2.0	97.8	\$603.9
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CM	54.5	12.4	1.0	88.1	\$599.5
Hefty	H21Y11	RR2Y	2.0	MR	I	54.2	12.8	4.7	99.7	\$596.2
Wensman	W 3180NR2*	RR2Y	1.8	R	AC	54.0	12.5	4.7	91.9	\$594.0
Gold Country	2140	RR2Y	2.1	R	AC	53.9	12.8	3.0	100.6	\$592.9
Mustang	M-23530	RR2Y	2.3	MR	AC	53.4	12.3	2.0	89.0	\$587.4
Prairie Brand	PB-1823R2	RR2Y	1.8	R	CM	53.3	12.7	3.0	87.1	\$586.3
Kruger	K2-1902	RR2Y	1.9	R	AC	53.1	12.7	4.7	82.3	\$584.1
Wensman	W 3140R2	RR2Y	1.4	S	AC	52.7	12.9	4.7	91.9	\$579.7
Hefty	H21Y12	RR2Y	2.1	MR	I	52.1	12.5	2.0	105.5	\$573.1
Mustang	M-18922	RR2Y	1.8	R	AC	52.1	12.5	2.0	88.1	\$573.1
Wensman	W 3174NR2	RR2Y	1.7	R	AC	52.0	12.7	3.0	101.6	\$572.0
Mustang	M-20622	RR2Y	2.0	R	AC	51.9	12.4	3.0	92.9	\$570.9
Hefty	H20Y11	RR2Y	2.0	S	I	51.8	12.4	2.0	87.1	\$569.8
Prairie Brand	PB-1942R2	RR2Y	1.9	R	CM	51.6	12.6	4.7	89.0	\$567.6
Hefty	H22Y11	RR2Y	2.2	S	I	51.6	13.1	13.7	92.9	\$567.4
Gold Country	1741	RR2Y	1.7	R	AC	51.5	12.5	2.0	92.9	\$566.5
Gold Country	1640	RR2Y	1.6	MR	AC	51.5	12.7	2.0	95.8	\$566.5
Hefty	H20Y12	RR2Y	2.0	MR	I	50.7	12.3	3.0	101.6	\$557.7
Gold Country	1844	RR2Y	1.8	MR	AC	50.7	12.7	6.3	88.1	\$557.7
Test Average =						52.2	12.6	3.4	94.0	\$573.7
LSD (0.10) =						4.0	0.7	3.4		
C.V. =						5.6	4.3			


 F.I.R.S.T. Manager

TEST COMMENTS: *We got off to a good start here and had plenty of moisture early. The plot was nice and tall and had plenty of vegetative growth. Many of the bean yields around the plot area have been around 45bu./acre. Weather was on the dry side in August and a September 15 frost hurt the top the the bean plants. Overall a nice plot site this year.*

Lat: N44.10439, Long: W-97.40814

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: 10/14/2011 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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