

2011 BETTER VARIETIES Harvest Report for South Dakota East Central [SDEC]
 Stuart Benson, Moody County, SD 57028 [FLANDREAU]

S1SDEC07

PREV. CROP/HERB: Corn / Roundup, Harness Xtra
 SOIL DESCRIPTION: Moody clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Low SCN, moderate P, moderate K, 6.5 pH, 4.1% OM
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup (twice), Warrior
 SEEDED - RATE: Jun 6 160,000 /A
 HARVESTED - STAND: Oct 5 98,500 /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
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CM	50.5	8.2	4.7	92.9	\$555.5
Gold Country	1640	RR2Y	1.6	MR	AC	47.8	8.2	3.0	100.7	\$525.8
Mustang	M-23530	RR2Y	2.3	MR	AC	47.8	10.6	5.7	99.7	\$525.8
Wensman	W 3174NR2	RR2Y	1.7	R	AC	47.8	8.3	7.0	100.7	\$525.8
Prairie Brand	PB-1942R2	RR2Y	1.9	R	CM	47.8	9.2	7.3	95.8	\$525.8
Kruger	K2-1501	RR2Y	1.5	R	AC	47.6	8.0	6.3	99.7	\$523.6
Hefty	H20Y12	RR2Y	2.0	MR	I	47.2	8.5	3.0	113.3	\$519.2
Titan Pro	20M1	RR2Y	2.0	R	CM	47.0	8.9	4.7	97.8	\$517.0
Kruger	K2-1602	RR2Y	1.6	R	AC	46.7	8.3	5.7	101.6	\$513.7
Wensman	W 3180NR2*	RR2Y	1.8	R	AC	46.6	8.9	5.7	129.7	\$512.6
Gold Country	1844	RR2Y	1.8	MR	AC	46.5	8.7	4.0	103.6	\$511.5
Prairie Brand	PB-1591R2	RR2Y	1.5	S	CM	46.5	8.4	4.7	87.1	\$511.5
Kruger	K2-1902	RR2Y	1.9	R	AC	46.5	8.5	4.7	100.6	\$511.5
Kruger	K2-2301	RR2Y	2.3	S	AC	46.3	10.9	4.0	110.3	\$509.3
Gold Country	2140	RR2Y	2.1	R	AC	46.0	8.8	3.0	91.0	\$506.0
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	45.9	10.7	5.7	89.0	\$504.9
Titan Pro	23M9	RR2Y	2.3	S	CM	45.8	10.9	5.7	91.9	\$503.8
Wensman	W 3140R2	RR2Y	1.4	S	AC	45.6	8.3	3.0	98.7	\$501.6
Gold Country	2040	RR2Y	2.0	R	AC	45.5	8.5	2.0	91.0	\$500.5
Hefty	H23Y11	RR2Y	2.3	MR	I	45.5	9.1	5.7	102.6	\$500.5
Hefty	H20Y11	RR2Y	2.0	S	I	44.9	8.7	4.7	94.9	\$493.9
Hefty	H21Y11	RR2Y	2.0	MR	I	44.7	9.1	4.7	92.9	\$491.7
Mustang	M-17722	RR2Y	1.7	R	AC	44.6	8.0	4.0	109.4	\$490.6
Hefty	H21Y12	RR2Y	2.1	MR	I	44.4	8.4	5.7	100.6	\$488.4
Wensman	W 3212NR2	RR2Y	2.1	R	AC	44.3	9.1	4.7	90.0	\$487.3
Kruger	K2-1901	RR2Y	1.9	R	AC	43.9	8.4	3.0	108.4	\$482.9
Mustang	M-20622	RR2Y	2.0	R	AC	43.8	9.0	7.0	94.8	\$481.8
Mustang	M-18922	RR2Y	1.8	R	AC	43.7	8.2	3.0	93.9	\$480.7
Hefty	H22Y11	RR2Y	2.2	S	I	43.7	9.8	5.7	97.7	\$480.7
Wensman	W 3200NR2	RR2Y	2.0	R	AC	43.4	8.4	3.0	93.9	\$477.4
Test Average =						44.5	9.1	4.7	98.5	\$490.0
LSD (0.10) =						3.8	0.7	3.7		
C.V. =						6.2	5.3			


 F.I.R.S.T. Manager

TEST COMMENTS: *A very wet spring delayed planting. We had plenty of moisture early and good growing conditions through most of the season. Turned to the dry side in August and beans could of used more rain. Stewart sprayed for aphids in August. This area had an early frost in September which hurt yield as the crop was still green and filling pods.*

Lat: N43.94162, Long: W-96.5875

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 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: 10/6/2011 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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