

2011 BETTER VARIETIES Harvest Report for South Dakota South East [SDSE]
 Jason/Ken Frick, Clay County, SD 57004 [BERESFORD]

S1SDSE04

PREV. CROP/HERB: Corn / Laudis

SOIL DESCRIPTION: Egan-Clarno-Chancellor silty clay loam, well drained, non-irrigated

2.1 - 2.8 MAT. GROUP

SOIL CONDITIONS: Medium SCN, moderate P, mod. high K, 6.7 pH, 4.1% OM

30" ROW SPACING

TILLAGE/CULTIVATION: conventional w/ fall till

PEST MANAGEMENT: Roundup, Warrior

SEEDED - RATE: Jun 5 160,000 /A

TOP 30 for YIELD of 45 TESTED

HARVESTED - STAND: Oct 6 110,000 /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
Mustang	M-23530	RR2Y	2.3	MR	AC	47.6	8.1	1.0	101.6	\$523.6
Hefty	H29Y11	RR2Y	2.8	MR	I	46.8	9.7	1.0	115.2	\$514.8
SOI	2430RR2Y	RR2Y	2.4	S	CM,AP	46.6	8.1	1.0	112.3	\$512.6
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CM	46.3	8.1	1.0	108.4	\$509.3
Titan Pro	28M40*	RR2Y	2.8	R	CM	45.2	9.3	1.0	105.5	\$497.2
Pioneer	92Y51 GC	RR	2.5	R	None	44.7	8.2	1.0	115.2	\$491.7
SOI	2227NRR2Y	RR2Y	2.2	R	CM,AP	44.6	8.1	1.0	123.9	\$490.6
Titan Pro	24M21	RR2Y	2.4	R	AC	44.2	8.5	1.0	108.4	\$486.2
Hefty	H23Y11	RR2Y	2.3	MR	I	44.0	8.0	1.0	115.2	\$484.0
Mustang	M-24322	RR2Y	2.4	R	AC	44.0	8.3	1.0	114.2	\$484.0
Kruger	K2-2102	RR2Y	2.1	R	AC	43.7	8.6	1.0	118.1	\$480.7
Prairie Brand	PB-1920R2	RR2Y	1.9	S	CM	43.5	8.6	1.0	94.8	\$478.5
Prairie Brand	PB-2544R2	RR2Y	2.5	R	CM	43.4	8.2	1.0	96.8	\$477.4
Mustang	M-27721	RR2Y	2.7	R	AC	43.3	9.7	1.0	117.2	\$476.3
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	43.1	9.1	1.0	113.3	\$474.1
Kruger	K2-2602	RR2Y	2.6	R	AC	43.0	8.9	1.0	117.1	\$473.0
Kruger	K2-2301	RR2Y	2.3	S	AC	42.9	8.4	2.0	113.3	\$471.9
Wensman	W 3200NR2	RR2Y	2.0	R	AC	42.7	7.8	1.0	98.7	\$469.7
Wensman	W 3230R2	RR2Y	2.3	S	AC	42.6	8.1	1.0	118.1	\$468.6
Prairie Brand	PP-213	RR2Y	2.1	R	AM	42.4	8.4	1.0	110.3	\$466.4
Kruger	K2-2601	RR2Y	2.6	R	AC	42.4	9.6	1.0	101.6	\$466.4
Kruger	K2-2001	RR2Y	2.0	R	AC	42.2	8.2	1.0	93.9	\$464.2
Wensman	W 3212NR2	RR2Y	2.1	R	AC	42.0	8.2	1.0	96.8	\$462.0
Kruger	K2-2302	RR2Y	2.3	R	AC	41.9	8.4	1.0	109.4	\$460.9
Prairie Brand	PB-2391R2	RR2Y	2.3	S	CM	41.5	7.8	1.0	111.3	\$456.5
Hefty	H25Y12	RR2Y	2.5	MR	I	41.4	8.6	1.0	120.1	\$455.4
Titan Pro	23M9	RR2Y	2.3	S	CM	41.2	8.4	1.0	101.7	\$453.2
Kruger	K2-2803	RR2Y	2.8	R	AC	41.0	9.6	1.0	97.7	\$451.0
Titan Pro	22M11	RR2Y	2.2	R	AC	40.8	8.4	1.0	117.1	\$448.8
Hefty	H23Y10	RR2Y	2.2	S	I	40.5	8.2	1.0	108.4	\$445.5
Test Average =						41.7	8.6	1.0	110.0	\$458.6
LSD (0.10) =						5.4	0.8	0.4		
C.V. =						9.5	6.6			


 F.I.R.S.T. Manager

TEST COMMENTS: *Very wet spring pushed the planting date into June. Plenty of moisture after planting and we had good emergence. The growing season was very hot and caused some heat stress. We had timely rains in August and the area farmers have been disappointed with bean yields in the 45 bu/acre range. A September frost nipped the top of the beans.*

Lat: N42.96817, Long: W-96.815

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: 10/7/2011 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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