

2011 BETTER VARIETIES Harvest Report for South Dakota South East [SDSE]
 Lewis Bainbridge, Davison County, SD 57334 [ETHAN]

S1SDSE03

PREV. CROP/HERB: Corn / Roundup, Harness Xtra
 SOIL DESCRIPTION: Houdek-Prosper loam, well drained, non-irrigated 2.1 - 2.8 MAT. GROUP
 SOIL CONDITIONS: Low SCN, moderate P, high K, 6.2 pH, 2.9% OM 30" ROW SPACING
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Roundup, Silencer
 SEEDED - RATE: Jun 5 160,000 /A TOP 30 for YIELD of 45 TESTED
 HARVESTED - STAND: Oct 7 101,200 /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
Wensman	W 3200NR2	RR2Y	2.0	R	AC	41.0	7.7	1.0	104.5	\$451.0
Prairie Brand	PP-213	RR2Y	2.1	R	AM	37.0	7.5	1.0	99.7	\$407.0
Hefty	H22Y12	RR2Y	2.2	MR	I	36.7	7.3	1.0	91.0	\$403.7
Hefty	H25Y12	RR2Y	2.5	MR	I	35.7	8.0	1.0	91.9	\$392.7
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CM	35.6	7.8	1.0	91.9	\$391.6
SOI	2430RR2Y	RR2Y	2.4	S	CM,AP	35.4	7.6	1.0	105.5	\$389.4
Titan Pro	24M21	RR2Y	2.4	R	AC	35.0	8.1	1.0	111.3	\$385.0
Prairie Brand	PB-2544R2	RR2Y	2.5	R	CM	34.8	7.9	1.0	112.3	\$382.8
Hefty	H27Y11	RR2Y	2.7	MR	I	34.6	7.9	1.0	101.6	\$380.6
Wensman	W 3212NR2	RR2Y	2.1	R	AC	33.5	7.6	1.0	96.8	\$368.5
Prairie Brand	PB-1920R2	RR2Y	1.9	S	CM	33.1	7.9	1.0	105.5	\$364.1
Kruger	K2-2102	RR2Y	2.1	R	AC	33.1	7.7	2.0	107.4	\$364.1
Wensman	W 3230R2	RR2Y	2.3	S	AC	33.1	7.7	2.0	92.9	\$364.1
SOI	2211NRR2Y	RR2Y	2.3	R	CM,AP	32.9	7.9	1.0	80.3	\$361.9
Titan Pro	23M9	RR2Y	2.3	S	CM	32.8	7.8	1.0	98.7	\$360.8
Kruger	K2-2602	RR2Y	2.6	R	AC	32.7	7.9	1.0	96.8	\$359.7
Gold Country	2341	RR2Y	2.3	S	AC	32.6	7.8	1.0	91.0	\$358.6
Mustang	M-27721	RR2Y	2.7	R	AC	32.6	8.0	1.0	114.2	\$358.6
Kruger	K2-2001	RR2Y	2.0	R	AC	32.5	7.6	1.0	100.7	\$357.5
Wensman	W 3256NR2*	RR2Y	2.5	R	AC	32.5	8.1	1.0	102.6	\$357.5
Mustang	M-24322	RR2Y	2.4	R	AC	32.3	7.9	1.0	92.9	\$355.3
Gold Country	2140	RR2Y	2.1	R	AC	32.2	7.5	1.0	118.1	\$354.2
Hefty	H23Y10	RR2Y	2.2	S	I	32.1	7.8	1.0	96.8	\$353.1
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	31.8	7.7	1.0	100.6	\$349.8
Titan Pro	28M40*	RR2Y	2.8	R	CM	31.8	8.5	1.0	104.6	\$349.8
Kruger	K2-2301	RR2Y	2.3	S	AC	31.7	7.8	1.0	96.8	\$348.7
Prairie Brand	PB-2391R2	RR2Y	2.3	S	CM	31.5	7.9	1.0	104.5	\$346.5
Pioneer	92Y51 GC	RR	2.5	R	None	31.5	8.0	1.0	92.9	\$346.5
SOI	2716NRR	RR	2.7	R	CM,AP	31.4	7.9	1.0	92.9	\$345.4
Kruger	K2-2601	RR2Y	2.6	R	AC	31.2	7.8	1.0	92.9	\$343.2
Test Average =						32.2	7.8	1.0	101.2	\$353.7
LSD (0.10) =						3.1	0.3	0.5		
C.V. =						7.1	2.4			


 F.I.R.S.T. Manager

TEST COMMENTS: *A wet spring pushed the planting date into June. July weather turned hot and dry and August had only one major rain of four tenths of an inch. Many of the pods had only two beans with an aborted third bean. The field around the plot yielded less than 30 bu/acre. A September frost also reduced the yield potential.*

Lat: N43.58531, Long: W-98.12534

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: 10/9/2011 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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