

2011 BETTER VARIETIES Performance Summary for South Dakota South East [SDSE]

2.1 - 2.8 Maturity Group

TOP 30 for YIELD of 45 TESTED
AVERAGE of (12) REPLICATIONS

Company/Brand	Product/Brand	Technol.†	Mat.	SCN Resist.	Seed†† Trmt.	Yield Bu/A	Protein %	Oil %	Moist. %	Lodging %	Gross Income	Beresford	Chancellor	Ethan	Salem
Prairie Brand	PP-213	RR2Y	2.1	R	AM	47.2	34.4	18.2	8.0	3.4	\$519.2	42.4	54.0	37.0	55.3
SOI	2430RR2Y	RR2Y	2.4	S	CM,AP	46.9	34.8	17.5	7.9	3.1	\$515.9	46.6	52.0	35.4	53.5
Hefty	H22Y12	RR2Y	2.2	MR	I	46.5	35.0	17.8	7.9	4.4	\$511.5	38.8	53.2	36.7	57.2
Prairie Brand	PB-2544R2	RR2Y	2.5	R	CM	46.4	34.0	18.0	8.3	3.3	\$510.4	43.4	53.0	34.8	54.2
Kruger	K2-2301	RR2Y	2.3	S	AC	46.4	34.3	17.8	8.1	4.9	\$510.4	42.9	55.2	31.7	55.7
Titan Pro	24M21	RR2Y	2.4	R	AC	46.2	33.8	17.9	8.4	3.5	\$508.2	44.2	52.8	35.0	52.6
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CM	45.7	34.7	17.6	8.1	2.4	\$502.7	46.3	51.7	35.6	49.3
Mustang	M-23530	RR2Y	2.3	MR	AC	45.4	34.5	17.7	8.0	3.3	\$499.4	47.6	46.0	31.1	56.7
Wensman	W 3230R2	RR2Y	2.3	S	AC	45.4	34.6	17.7	7.9	4.2	\$499.4	42.6	53.3	33.1	52.4
Hefty	H23Y10	RR2Y	2.2	S	I	45.3	34.8	17.5	8.0	3.1	\$498.3	40.5	51.5	32.1	57.2
Mustang	M-24322	RR2Y	2.4	R	AC	45.2	34.0	18.0	8.3	4.2	\$497.2	44.0	55.6	32.3	48.8
Kruger	K2-2602	RR2Y	2.6	R	AC	44.9	33.9	17.8	8.3	3.3	\$493.9	43.0	58.3	32.7	45.5
Hefty	H25Y12	RR2Y	2.5	MR	I	44.9	34.6	17.7	8.4	8.4	\$493.9	41.4	52.2	35.7	50.3
Wensman	W 3200NR2	RR2Y	2.0	R	AC	44.8	34.3	18.6	7.9	3.4	\$492.8	42.7	44.8	41.0	50.5
Prairie Brand	PB-2419R2	RR2Y	2.3	S	CM	44.3	34.6	17.6	8.1	2.8	\$487.3	43.1	50.4	31.8	51.7
Kruger	K2-2102	RR2Y	2.1	R	AC	44.3	34.9	17.5	8.1	3.8	\$487.3	43.7	52.2	33.1	48.0
Gold Country	2341	RR2Y	2.3	S	AC	44.1	34.6	17.8	8.0	4.5	\$485.1	38.9	55.5	32.6	49.4
Wensman	W 3212NR2	RR2Y	2.1	R	AC	43.8	34.8	17.6	8.0	3.4	\$481.8	42.0	48.4	33.5	51.1
Wensman	W 3256NR2*	RR2Y	2.5	R	AC	43.8	34.5	17.6	8.5	6.7	\$481.8	36.8	57.8	32.5	48.2
Prairie Brand	PB-2558NRR	RR	2.4	R	CM	43.7	34.7	17.8	8.1	3.7	\$480.7	39.1	53.2	30.8	51.8
Titan Pro	23M9	RR2Y	2.3	S	CM	43.3	34.9	17.6	8.1	4.1	\$476.3	41.2	45.6	32.8	53.4
Mustang	M-27721	RR2Y	2.7	R	AC	43.3	34.5	16.9	8.7	4.5	\$476.3	43.3	51.4	32.6	45.7
Pioneer	92Y51 GC	RR	2.5	R	None	43.2	34.9	17.8	8.2	2.9	\$475.2	44.7	47.4	31.5	49.1
Kruger	K2-2302	RR2Y	2.3	R	AC	42.5	35.1	17.9	8.1	2.7	\$467.5	41.9	44.0	30.4	53.8
Hefty	H27Y11	RR2Y	2.7	MR	I	42.0	34.6	17.2	8.5	3.7	\$462.0	39.1	47.9	34.6	46.4
Titan Pro	28M40*	RR2Y	2.8	R	CM	42.0	35.5	16.9	8.9	6.9	\$462.0	45.2	48.9	31.8	41.9
Hefty	H23Y11	RR2Y	2.3	MR	I	41.6	35.1	17.7	8.0	3.4	\$457.6	44.0	47.6	30.8	44.0
Prairie Brand	PB-2391R2	RR2Y	2.3	S	CM	41.6	34.4	17.9	7.9	3.7	\$457.6	41.5	45.3	31.5	47.9
Gold Country	2140	RR2Y	2.1	R	AC	41.4	34.2	18.4	7.9	4.5	\$455.4	39.5	50.2	32.2	43.7
Prairie Brand	PB-2903R2	RR2Y	2.8	R	CM	41.3	34.1	17.4	8.9	6.2	\$454.3	38.2	56.5	29.1	41.2
Site Averages =						42.9	34.6	17.6	8.2	4.0	\$471.9	41.7	49.6	32.2	48.0
LSD (0.10) =						4.0	0.6	0.4	0.3	ns		5.4	5.8	3.1	4.8


 F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying (\$/pt/bu) = \$0.040 Price (\$/bu) = \$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 test average. GC = grower comparison product; * brands without a seed lot number; # = rejected results, not in summary; ns = not significantly different.

 Complete list of brands tested & searchable database available at www.firstseedtests.com

AgSCI Copyright 2011

Report Date: 10/10/2011 Revised: 12/7/2011 Protein and oil content results added.



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®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent