

2010 BETTER VARIETIES Harvest Report for South Dakota North East [SDNE]

S0SDNE01

Tim Bjorklund, Brookings County, SD 57212 [ARLINGTON]

PREV. CROP/HERB: Corn / Roundup
 SOIL DESCRIPTION: Poinsett-Buse-Waubay silty clay loam, non-irrigated, mod. poor drained 1.0 - 1.7 MAT. GROUP
 SOIL CONDITIONS: Medium SCN, moderate P, high K, 6.5 pH, 3.8% OM 30" ROW SPACING
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Rascal, Cadet
 SEEDING - RATE: May 28 150,000 /A TOP 30 for YIELD of 34 TESTED
 HARVESTED - STAND: Oct 8 99,200 /A AVERAGE of (1) REPLICATION

Company	Brand	Technol. [†]	Mat.	SCN Resist.	Seed ^{††} Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Asgrow	AG1730 GC	RR2Y	1.7	R	None	52.2	8.2	1.0	90.6	\$527.0
Gold Country	1240	RR2Y	1.2	S	AC	51.9	8.7	1.0	97.6	\$523.5
Prairie Brand	PB-1597RR	RR	1.6	S	T6	49.2	8.5	1.0	90.6	\$496.4
Kruger	K2-1602	RR2Y	1.6	R	AC	49.2	8.9	4.0	94.1	\$496.0
Prairie Brand	PB-1120R2	RR2Y	1.1	S	CM	48.7	8.9	4.0	87.1	\$491.0
Kruger	K2-1501	RR2Y	1.5	R	AC	47.6	9.2	4.0	101.1	\$479.6
Prairie Brand	PB-1410R2	RR2Y	1.4	S	CM	47.3	8.8	1.0	90.6	\$477.0
Kruger	K2-1001	RR2Y	1.0	S	AC	47.2	8.5	4.0	115.0	\$476.2
Kruger	K2-1102	RR2Y	1.1	S	AC	46.9	8.2	4.0	115.0	\$473.5
Wensman	W3131R2	RR2Y	1.3	S	AC	46.8	8.3	9.0	115.0	\$472.4
Croplan	R2C1869 GC	RR2Y	1.8	R	CM	46.6	8.7	4.0	94.1	\$470.0
Kruger	K2-1701	RR2Y	1.7	R	AC	46.3	8.8	4.0	104.5	\$466.9
NuTech	G2 6088 [^]	RR	1.0	S	CM	46.3	9.2	4.0	104.5	\$466.5
Gold Country	1440	RR2Y	1.4	MR	AC	45.7	8.5	4.0	94.1	\$461.1
Channel	1201R2	RR2Y	1.2	S	AM	45.4	9.5	4.0	104.5	\$457.2
Channel	1503R2	RR2Y	1.5	R	AC	45.3	8.3	4.0	97.6	\$457.3
Mustang	M-14441	RR2Y	1.4	S	AC	45.0	8.5	16.0	115.0	\$454.1
Prairie Brand	PB-1499NRR2	RR2Y	1.4	R	CM	44.9	8.6	1.0	94.1	\$453.0
Kruger	K2-1902	RR2Y	1.9	R	AC	44.3	8.8	4.0	101.1	\$446.7
Pioneer	91Y72 GC	RR	1.7	R	None	43.9	8.7	4.0	90.6	\$442.8
Gold Country	1040	RR2Y	1.0	S	AC	43.8	8.3	1.0	104.5	\$442.1
Channel	1400R2	RR2Y	1.4	MR	AC	43.7	8.4	4.0	104.5	\$441.0
NuTech	G2 6159 [^]	RR	1.5	S	CM	43.0	8.5	1.0	101.1	\$433.9
Wensman	W3101R2	RR2Y	1.0	S	AC	42.9	8.2	1.0	104.5	\$433.1
Wensman	W3156NR2	RR2Y	1.5	R	AC	41.7	8.6	1.0	90.6	\$420.7
Wensman	W3114R2	RR2Y	1.1	S	AC	41.5	9.0	4.0	90.6	\$418.3
Gold Country	1640	RR2Y	1.6	MR	AC	41.1	14.3	9.0	101.1	\$409.9
NuTech	G2 7186 [^]	RR	1.8	R	CM	40.4	8.6	4.0	90.6	\$407.6
Kruger	K2-1901	RR2Y	1.9	R	AC	40.0	8.5	1.0	94.1	\$403.6
Gold Country	1644	RR2Y	1.6	R	AC	39.9	8.6	1.0	104.5	\$402.5
Test Average =						44.3	8.8	3.6	99.2	\$446.7
LSD (0.10) =						Not available				
C.V. =						only 1 replication				


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting was delayed this spring as wet weather prevented this no-till ground from drying out. Record setting rainfall this summer caused the back half of the plot to be damaged by standing water. The first replication is of good quality and being presented as a demonstration. This will not be included in the Performance Summary.*

Lat: N44.4786, Long: W97.10753

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$10.00

[†] Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol

^{††} Seed Treatment: AC - Acceleron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excalibre, ES - Escalate, I - Inovate, O - Optimize, T - Trilex, T6 - Trilex 6000

 Results in **bold** are significantly above the test average. GC = grower chosen product, * brands without a seed lot number; ns = not significantly different

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

AgSCI Copyright 2010

Report Date: 10/13/2010 Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2[®] brand seed is distributed by NuTech Seed, LLC. HPT[®] brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM[®] brand seed is distributed by Doebler's PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
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 [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

Trademarks

- Excalibre[™] is a trademark of Advanced Biological Marketing
- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
- Escalate[™] is a trademark of Beck's Superior Hybrids
- 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 Double PRO[™], VT Triple PRO[™], YieldGard[®], YieldGard VT Rootworm/RR2[™], and YieldGard VT Triple[®] are trademarks of Monsanto Technology LLC.
- Agrisure[®], ApronMaxx[®], ApronXL[®], Avicta[®], Cruiser[®], and CruiserMaxx[®] are trademarks of Syngenta.
- Inovate[™] System is a trademark of Valent