F.I.R.S.T.®
Farmer's Independent Research of Seed Technologies

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

S0SDNE04

Greg Lanners, Deuel County, SD 57226 [CLEAR LAKE]

PREV. CROP/HERB: Corn / Balance Pro, Roundup
SOIL DESCRIPTION: Vienna-Brookings silty clay loam, non-irrigated, well drained — 1.0 - 1.7 MAT. GROUP
SOIL CONDITIONS: Medium SCN, moderate P, moderate K, 6.6 pH, 4.1% OM — 30" ROW SPACING

TILLAGE/CULTIVATION: conventional w/ fall till
PEST MANAGEMENT: Roundup, Silencer, Whirlwind

SEEDED - RATE: May 18 150,000 /A
HARVESTED - STAND: Oct 8 90,700 /A

TOP **30** for **YIELD** of **34** TESTED
AVERAGE of (**3**) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed†† Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Gold Country	1040	RR2Y	1.0	S	AC	**55.3**	9.3	3.0	97.7	$557.1
Croplan	R2C1869 GC	RR2Y	1.8	R	CM	**54.2**	9.2	5.7	107.5	$546.1
Gold Country	1640	RR2Y	1.6	MR	AC	53.0	9.4	8.0	89.0	$533.8
Asgrow	AG1730 GC	RR2Y	1.7	R	None	52.8	9.8	4.0	95.8	$531.4
Prairie Brand	PB-1597RR	RR	1.6	S	T6	52.7	9.3	3.0	108.4	$530.9
Kruger	K2-1001	RR2Y	1.0	S	AC	51.8	9.9	4.0	101.6	$521.2
Kruger	K2-1901	RR2Y	1.9	R	AC	51.8	10.7	4.0	88.1	$520.4
Prairie Brand	PB-1120R2	RR2Y	1.1	S	CM	51.6	9.8	3.0	88.1	$519.3
Wensman	W3096R2	RR2Y	0.9	S	AC	51.5	9.7	4.0	84.2	$518.4
Mustang	M-14441	RR2Y	1.4	S	AC	51.1	9.7	4.0	91.0	$514.4
Wensman	W3131R2	RR2Y	1.3	S	AC	51.1	10.2	4.0	91.9	$513.9
Kruger	K2-1102	RR2Y	1.1	S	AC	50.9	9.3	4.0	99.7	$512.8
Kruger	K2-1501	RR2Y	1.5	R	AC	50.5	9.7	3.0	91.0	$508.3
Mustang	M-16221	RR2Y	1.6	R	AC	50.2	9.5	4.0	90.0	$505.5
Gold Country	1644	RR2Y	1.6	R	AC	49.9	9.8	3.0	82.3	$502.2
Gold Country	1240	RR2Y	1.2	S	AC	49.8	9.9	4.7	89.0	$501.1
Gold Country	1440	RR2Y	1.4	MR	AC	49.7	9.0	4.0	97.8	$501.0
Wensman	W3114R2	RR2Y	1.1	S	AC	49.2	9.8	3.0	86.1	$495.1
Prairie Brand	PB-1499NRR2	RR2Y	1.4	R	CM	49.0	9.2	4.0	88.1	$493.7
Prairie Brand	PB-1410R2	RR2Y	1.4	S	CM	49.0	9.6	4.0	88.1	$493.3
Wensman	W3156NR2	RR2Y	1.5	R	AC	48.8	9.5	2.0	84.2	$491.4
NuTech	G2 6088^	RR	1.0	S	CM	47.9	9.1	5.7	98.7	$482.7
NuTech	G2 6159^	RR	1.5	S	CM	47.9	10.8	5.7	102.6	$481.1
Kruger	K2-1401	RR2Y	1.4	MR	AC	47.4	9.3	4.0	96.8	$477.5
Channel	1503R2	RR2Y	1.5	R	AC	46.4	10.4	3.0	88.1	$466.4
Kruger	K2-1701	RR2Y	1.7	R	AC	46.1	9.5	3.0	79.4	$464.2
Wensman	W3101R2	RR2Y	1.0	S	AC	45.9	9.3	4.0	83.2	$462.4
Channel	1201R2	RR2Y	1.2	S	AM	45.9	9.4	4.0	84.2	$462.3
Kruger	K2-1902	RR2Y	1.9	R	AC	45.4	9.5	4.0	77.4	$457.2
Pioneer	91Y72 GC	RR	1.7	R	None	45.2	10.2	4.0	87.1	$454.5
					Test Average =	**48.9**	**9.7**	**4.1**	**90.7**	**$492.1**
					LSD (0.10) =	4.2	1.0	2.9		
					C.V. =	6.4	7.8			

F.I.R.S.T. Manager

TEST COMMENTS: *Another area with excessive moisture in June and July. The beans handled the wet conditions well and had a very uniform stand. Some volunteer corn was present and affected moisture levels on some of the bean samples. Greg was real happy with bean yield in the field around the plot, it was above average.*

Lat: N44.77755, Long: W96.84475

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** - Sulfonylurea 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**

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Report Date: 10/12/2010 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™

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