

**2010 BETTER VARIETIES Harvest Report for South Dakota East Central [ SDEC ]**

S0SDEC07

Greg Bich, Beadle County, SD 57324 [ CAVOUR ]

PREV. CROP/HERB: Corn / Balance Pro, Roundup  
 SOIL DESCRIPTION: Houdek-Prosper sandy loam, non-irrigated, poor drained 1.6 - 2.3 MAT. GROUP  
 SOIL CONDITIONS: Low SCN, mod. low P, mod. low K, 6.6 pH, 5.2% OM 30" ROW SPACING  
 TILLAGE/CULTIVATION: no-till  
 PEST MANAGEMENT: Roundup  
 SEEDED - RATE: May 18 150,000 /A TOP 30 for YIELD of 35 TESTED  
 HARVESTED - STAND: Oct 7 76,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Wensman	W3230R2	RR2Y	2.3	S	AC	<b>35.5</b>	12.1	1.0	109.2	\$355.6
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	<b>33.7</b>	9.9	1.0	89.4	\$339.1
Prairie Brand	PB-2278RR	RR	2.2	S	CM	<b>29.9</b>	10.8	1.0	75.5	\$300.3
Wensman	W3180NR2	RR2Y	1.8	R	AC	29.3	9.4	1.0	94.1	\$295.1
Channel	2300R2	RR2Y	2.3	R	AC	28.8	12.4	1.0	62.7	\$288.3
Kruger	K2-2101	RR2Y	2.1	R	AC	28.6	12.0	1.0	67.4	\$286.6
NK Brand	S21-N6 GC	RR	2.1	S	None	26.6	8.9	1.0	83.6	\$268.2
Mustang	M-21421	RR2Y	2.1	R	AC	26.6	10.0	1.0	80.1	\$267.6
Prairie Brand	PB-2020R2	RR2Y	2.0	S	CM	26.5	9.2	1.0	84.8	\$267.0
Prairie Brand	PB-1722R2*	RR2Y	1.7	R	CM	26.2	9.4	1.0	83.6	\$263.9
Gold Country	2140	RR2Y	2.1	R	AC	26.1	10.9	1.0	75.5	\$262.1
Kruger	K2-2301	RR2Y	2.3	S	AC	26.1	11.8	1.0	68.5	\$261.6
Mustang	M-23530	RR2Y	2.3	S	AC	25.3	10.0	1.0	80.1	\$254.5
Gold Country	1844	RR2Y	1.8	R	AC	25.2	12.4	1.0	80.2	\$252.3
Mustang	M-190NRR	RR	1.9	R	T6	23.4	9.9	1.0	88.3	\$235.5
Prairie Brand	PB-2058NRR	RR	2.0	R	T6	23.4	9.7	1.0	74.3	\$235.5
Kruger	K2-1901	RR2Y	1.9	R	AC	22.8	7.3	1.0	80.2	\$230.6
Mustang	M-20221	RR2Y,STS	2.0	R	AC	22.8	7.7	1.0	74.3	\$230.4
Gold Country	1640	RR2Y	1.6	MR	AC	22.6	9.1	1.0	89.4	\$227.8
NK Brand	S21-B1 GC	RR	2.1	R	None	22.1	5.3	1.0	90.6	\$224.4
Pioneer	92Y30 GC	RR	2.3	R	None	21.6	8.3	1.0	92.9	\$218.0
Prairie Brand	PB-1920R2	RR2Y	1.9	S	AC	20.6	13.0	1.0	65.1	\$206.0
Kruger	K2-1602	RR2Y	1.6	R	AC	20.3	10.9	1.0	68.5	\$203.9
Kruger	K2-1501	RR2Y	1.5	R	AC	20.0	9.8	1.0	70.9	\$201.3
Gold Country	2040	RR2Y	2.0	R	AC	19.9	5.5	1.0	70.8	\$202.0
Wensman	W3200NR2	RR2Y	2.0	R	AC	19.2	11.0	1.0	70.9	\$192.8
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CM	18.4	8.7	1.0	69.7	\$185.6
Gold Country	1644	RR2Y	1.6	R	AC	17.9	6.8	1.0	65.1	\$181.2
Mustang	M-21320	RR2Y	2.1	R	AC	17.4	2.0	1.0	62.7	\$177.8
Channel	1901R2	RR2Y	1.9	R	AC	17.3	6.3	1.0	74.4	\$175.3
Test Average =						<b>22.7</b>	<b>9.4</b>	<b>1.0</b>	<b>76.5</b>	<b>\$228.8</b>
LSD (0.10) =						7.0	4.2	n.s.		
C.V. =						22.6	32.4			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** This area was hit with some major rain events this growing season. After planting, this site was damaged by overly saturated soils for long periods. Any plants that survived got doused with big rains in July, further damaging plant vigor. A strange year, as farmers in the area are used to battling drought conditions. Data Rejected.

Lat: N44.3778, Long: W98.05233

Yield &amp; 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 - Accelaron, 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](http://www.firstseedtests.com)

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Report Date: 10/13/2010 Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

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

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

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

### Trademarks

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- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
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