

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

S0SDEC06

John Feller, Miner County, SD 57349 [HOWARD]

PREV. CROP/HERB: Corn / Roundup

SOIL DESCRIPTION: Clarno-Bonilla loam, non-irrigated, well drained

1.6 - 2.3 MAT. GROUP

SOIL CONDITIONS: Low SCN, moderate P, moderate K, 6.1 pH, 4% OM

30" ROW SPACING

TILLAGE/CULTIVATION: no-till

PEST MANAGEMENT: Roundup

SEEDED - RATE: May 17 150,000 /A

TOP 30 for YIELD of 35 TESTED

HARVESTED - STAND: Oct 6 102,800 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technol. [†]	Mat.	SCN Resist.	Seed ^{††} Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Kruger	K2-1901	RR2Y	1.9	R	AC	63.6	9.1	5.7	117.3	\$641.0
Kruger	K2-2301	RR2Y	2.3	S	AC	63.0	9.1	9.7	110.3	\$634.9
Wensman	W3230R2	RR2Y	2.3	S	AC	61.2	9.1	8.0	108.0	\$616.8
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	59.4	9.2	4.7	117.3	\$598.5
Prairie Brand	PB-2278RR	RR	2.2	S	CM	59.4	9.5	16.7	106.9	\$598.2
Mustang	M-23530	RR2Y	2.3	S	AC	58.5	9.2	6.3	98.7	\$589.4
Channel	2300R2	RR2Y	2.3	R	AC	58.1	9.3	2.0	102.2	\$585.3
Mustang	M-21421	RR2Y	2.1	R	AC	57.8	9.2	9.7	105.7	\$582.4
Kruger	K2-2101	RR2Y	2.1	R	AC	57.4	9.5	5.7	97.6	\$578.0
Pioneer	92Y30 GC	RR	2.3	R	None	57.0	9.2	7.3	106.9	\$574.3
Kruger	K2-1501	RR2Y	1.5	R	AC	56.7	9.2	4.0	103.4	\$571.3
Prairie Brand	PB-1722R2*	RR2Y	1.7	R	CM	56.6	9.1	5.7	105.7	\$570.4
Prairie Brand	PB-2142R2	RR2Y	2.0	R	CM	56.5	9.2	9.0	95.2	\$569.3
Prairie Brand	PB-2020R2	RR2Y	2.0	S	CM	56.1	9.1	7.3	113.9	\$565.4
Gold Country	2140	RR2Y	2.1	R	AC	56.0	9.1	4.0	108.6	\$564.4
Gold Country	1844	RR2Y	1.8	R	AC	55.8	9.1	4.0	98.7	\$562.4
Wensman	W3180NR2	RR2Y	1.8	R	AC	55.3	9.1	9.0	125.5	\$557.3
Prairie Brand	PB-1920R2	RR2Y	1.9	S	AC	54.8	9.3	7.3	108.0	\$552.1
Gold Country	2040	RR2Y	2.0	R	AC	54.6	9.3	9.0	97.6	\$550.0
Wensman	W3200NR2	RR2Y	2.0	R	AC	54.5	9.3	5.7	92.9	\$549.0
Gold Country	1640	RR2Y	1.6	MR	AC	54.3	9.2	5.7	90.6	\$547.1
Mustang	M-21320	RR2Y	2.1	R	AC	53.9	9.4	4.0	101.1	\$542.9
Channel	1901R2	RR2Y	1.9	R	AC	53.7	9.2	12.0	108.0	\$541.1
Kruger	K2-2001	RR2Y	2.0	R	AC	53.7	9.3	7.3	91.8	\$541.0
Prairie Brand	PB-2058NRR	RR	2.0	R	T6	53.4	9.1	5.7	120.8	\$538.2
Gold Country	1644	RR2Y	1.6	R	AC	53.3	9.1	14.3	98.7	\$537.2
NK Brand	S21-B1 GC	RR	2.1	R	None	53.2	9.2	9.7	105.7	\$536.0
Mustang	M-190NRR	RR	1.9	R	T6	53.1	9.1	5.7	92.9	\$535.1
NK Brand	S21-N6 GC	RR	2.1	S	None	53.1	9.2	9.0	113.8	\$535.0
Mustang	M-20221	RR2Y,STS	2.0	R	AC	52.8	9.1	7.3	98.7	\$532.1
Test Average =						55.3	9.2	7.7	102.8	\$557.3
LSD (0.10) =						4.5	0.1	5.9		
C.V. =						5.9	1.2			



F.I.R.S.T. Manager

TEST COMMENTS: *This was an excellent plot site this year. A well drained spot helped keep these beans uniform in the heavy rains this summer which caused many drow out spots in surrounding fields. We planted into no-till corn ground with very little residue on top which helped make for a good seed bed in a wet spring. Excellent harvesting conditions.*

Lat: N44.10528, Long: W97.41023

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 - 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

AgSCI Copyright 2010

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 [™]

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