

2010 BETTER VARIETIES Harvest Report for South Dakota South East [SDSE]

S0SDSE09

Jason/Ken Frick, Clay County, SD 57004 [BERESFORD]

PREV. CROP/HERB: Corn / Roundup
 SOIL DESCRIPTION: Clarno silty clay loam, non-irrigated, well drained
 SOIL CONDITIONS: High SCN, moderate P, high K, 5.9 pH, 4.1% OM
 TILLAGE/CULTIVATION: conventional w/o fall till
 PEST MANAGEMENT: Pursuit, Cadet
 SEEDED - RATE: May 22 150,000 /A
 HARVESTED - STAND: Oct 5 95,700 /A

 2.1 - 2.8 MAT. GROUP
 30" ROW SPACING

 TOP 30 for YIELD of 35 TESTED
 AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Kruger	K2-2301	RR2Y	2.3	S	AC	50.5	9.7	1.0	110.4	\$508.3
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	47.3	9.7	1.0	113.3	\$476.1
Mustang	M-23530	RR2Y	2.3	S	AC	47.1	9.7	1.0	92.9	\$474.1
Prairie Brand	PB-1920R2	RR2Y	1.9	S	AC	47.0	10.1	1.0	85.2	\$472.7
Kruger	K2-2802	RR2Y	2.8	R	AC	46.9	10.5	2.0	105.5	\$471.3
NK Brand	S21-N6 GC	RR	2.1	S	None	46.7	9.6	1.0	91.9	\$470.2
Channel	2402R2	RR2Y	2.4	S	AC	46.0	9.4	1.0	96.8	\$463.3
Wensman	W3230R2	RR2Y	2.3	S	AC	45.7	9.4	1.0	96.8	\$460.3
SOI	2769NRR	RR	2.7	R	None	45.3	9.8	1.0	91.0	\$455.9
Kruger	K2-2701	RR2Y	2.7	R	AC	44.9	10.0	2.0	91.9	\$451.7
Prairie Brand	PB-2558NRR	RR	2.5	R	T6	44.7	10.1	1.0	103.6	\$449.6
Prairie Brand	PB-2742R2	RR2Y	2.8	R	AC	44.6	12.1	2.0	88.1	\$446.8
Prairie Brand	PB-2632R2	RR2Y	2.6	R	CM	44.5	11.7	1.0	113.3	\$446.2
Kruger	K2-2703	RR2Y	2.7	R	AC	43.9	7.8	1.0	95.8	\$443.6
Asgrow	AG2430 GC	RR2Y	2.4	R	AC	43.9	9.6	1.0	95.8	\$442.0
Mustang	M-27721	RR2Y	2.7	R	AC	43.9	10.1	1.0	91.9	\$441.5
Prairie Brand	PB-2020R2	RR2Y	2.0	S	CM	43.7	10.0	2.0	107.4	\$439.6
SOI	2716NRR	RR	2.7	MR	None	43.4	9.5	1.0	109.4	\$437.0
Kruger	K2-2101	RR2Y	2.1	R	AC	43.2	10.5	1.0	99.7	\$434.2
Kruger	K2-2803	RR2Y	2.8	R	AC	43.0	11.5	2.0	91.0	\$431.3
Mustang	M-25521	RR2Y	2.5	R	AC	42.9	10.9	1.0	101.6	\$430.8
Latham	L2440R2 GC	RR2Y	2.4	S	AC	42.6	9.4	1.0	104.6	\$429.1
Wensman	W3242NR2	RR2Y	2.4	R	AC	42.0	9.8	1.0	103.5	\$422.7
Kruger	K2-2001	RR2Y	2.0	R	AC	41.9	9.7	2.0	79.4	\$421.8
SOI	2728NRR	RR	2.7	R	None	41.5	10.1	1.0	76.5	\$417.4
Mustang	M-23321	RR2Y	2.3	R	AC	40.7	9.7	1.0	84.2	\$409.7
Kruger	K2-2502	RR2Y	2.5	R	AC	40.7	10.7	1.0	88.1	\$408.9
Prairie Brand	PB-2278RR	RR	2.2	S	CM	40.5	10.1	1.0	122.0	\$407.3
Wensman	W3275R2	RR2Y	2.7	S	AC	40.3	11.7	1.0	100.7	\$404.0
Gold Country	2040	RR2Y	2.0	R	AC	39.9	9.9	1.0	75.5	\$401.5
Test Average =						43.1	10.1	1.2	95.7	\$433.7
LSD (0.10) =						4.0	1.3	0.9		
C.V. =						6.8	9.5			


 F.I.R.S.T. Manager

TEST COMMENTS: *The growing season was dominated by heavy rains and saturated soils this year. This plot was sprayed with conventional herbicides and wet conditions prevented timely application. Some light to moderate grass pressure was evident. This site drained well and had no drowned out spots.*

Lat: N42.96783, Long: W96.81601

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 - 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

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Report Date: 10/7/2010 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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