

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

S0SDEC05

Stuart Benson, Moody County, SD 57028 [FLANDREAU]

 PREV. CROP/HERB: Corn / Harness Xtra, Roundup
 SOIL DESCRIPTION: Moody clay loam, non-irrigated, mod. well drained
 SOIL CONDITIONS: Medium SCN, moderate P, moderate K, 6.5 pH, 4.1% OM

 1.6 - 2.3 MAT. GROUP
 30" ROW SPACING

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

 SEEDED - RATE: May 17 150,000 /A
 HARVESTED - STAND: Oct 4 108,400 /A

 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
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	59.5	10.7	4.0	128.5	\$597.7
Mustang	M-23530	RR2Y	2.3	S	AC	59.4	10.6	6.3	103.0	\$596.9
Wensman	W3180NR2	RR2Y	1.8	R	AC	58.1	10.3	5.7	122.4	\$584.1
Prairie Brand	PB-2020R2	RR2Y	2.0	S	CM	56.8	10.3	5.7	121.2	\$571.1
Prairie Brand	PB-2278RR	RR	2.2	S	CM	56.4	11.2	9.7	124.8	\$566.0
Pioneer	92Y30 GC	RR	2.3	R	None	56.2	10.6	5.7	117.6	\$564.7
NK Brand	S21-N6 GC	RR	2.1	S	None	56.1	10.4	4.0	106.7	\$563.9
Kruger	K2-2101	RR2Y	2.1	R	AC	56.0	11.8	11.3	110.3	\$561.3
Mustang	M-21320	RR2Y	2.1	R	AC	55.3	10.3	4.0	122.4	\$556.0
Wensman	W3230R2	RR2Y	2.3	S	AC	55.0	10.4	7.3	112.7	\$552.9
Kruger	K2-2301	RR2Y	2.3	S	AC	54.9	10.5	5.7	111.5	\$551.7
Kruger	K2-1901	RR2Y	1.9	R	AC	54.4	10.0	11.0	130.9	\$547.3
Mustang	M-20221	RR2Y,STS	2.0	R	AC	54.4	10.1	9.7	109.1	\$547.2
Gold Country	1844	RR2Y	1.8	R	AC	54.3	10.3	9.0	109.1	\$545.9
Mustang	M-21421	RR2Y	2.1	R	AC	54.3	10.3	9.7	116.4	\$545.9
Prairie Brand	PB-2058NRR	RR	2.0	R	T6	54.3	10.5	4.0	122.4	\$545.7
Gold Country	2140	RR2Y	2.1	R	AC	54.1	10.4	4.0	98.2	\$543.8
Kruger	K2-2001	RR2Y	2.0	R	AC	54.0	10.5	9.7	98.2	\$542.7
Channel	2300R2	RR2Y	2.3	R	AC	53.3	10.5	9.0	127.3	\$535.7
Gold Country	1644	RR2Y	1.6	R	AC	53.1	10.1	7.3	92.1	\$534.1
Prairie Brand	PB-1722R2*	RR2Y	1.7	R	CM	52.8	10.1	3.0	120.0	\$531.1
Channel	1901R2	RR2Y	1.9	R	AC	52.5	10.2	4.0	111.5	\$527.9
Prairie Brand	PB-2142R2	RR2Y	2.0	R	CM	52.5	10.6	9.0	92.1	\$527.5
Kruger	K2-1501	RR2Y	1.5	R	AC	52.1	10.2	3.0	116.3	\$523.9
Prairie Brand	PB-1920R2	RR2Y	1.9	S	AC	51.2	11.1	7.3	110.3	\$513.9
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CM	51.1	10.3	5.7	97.0	\$513.8
Mustang	M-190NRR	RR	1.9	R	T6	50.8	10.0	9.0	103.0	\$511.0
Wensman	W3200NR2	RR2Y	2.0	R	AC	50.2	10.2	4.0	93.3	\$504.8
Kruger	K2-1602	RR2Y	1.6	R	AC	50.1	10.3	7.3	90.9	\$503.7
NK Brand	S21-B1 GC	RR	2.1	R	None	49.9	10.3	7.3	93.3	\$501.7
Test Average =						53.3	10.4	6.9	108.4	\$535.9
LSD (0.10) =						3.1	0.2	5.1		
C.V. =						4.3	1.6			


 F.I.R.S.T. Manager

TEST COMMENTS: *Despite the heavy rains this year this site drained well and produced some nice yields. Stuart sprayed for aphids in August. Plot was very uniform with most plants 36 inches or higher. Most of the plots filled in nicely and compensated for any emergence issues.*

Lat: N43.94958, Long: W96.59737

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

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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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