

2010 BETTER VARIETIES Harvest Report for Minnesota South Central [MNSC]

S0MNSC06

Leon Plaetz, Redwood County, MN 56293 [WABASSO]

 PREV. CROP/HERB: Corn / Harness, Callisto
 SOIL DESCRIPTION: Canisteo clay loam, non-irrigated, well drained
 SOIL CONDITIONS: Medium SCN, high P, high K, 6.8 pH, 4.6% OM
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup
 SEEDING - RATE: May 19 160,000 /A
 HARVESTED - STAND: Oct 7 111,600 /A

 1.3 - 2.0 MAT. GROUP
 30" ROW SPACING

 TOP 30 for YIELD of 63 TESTED
 AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Hefty	H16Y11	RR2Y	1.6	MR	AC	61.7	8.2	0.0	98.7	\$607.5
Anderson	203R2Y	RR2Y	2.0	R	AC	61.2	8.1	0.0	119.1	\$602.7
Mustang	M-20221	RR2Y,STS	2.0	R	AC	61.2	8.2	0.0	102.2	\$602.6
Advantage	ADV2021CR2*	RR2Y	2.0	MR	AC	61.1	8.0	0.0	110.4	\$601.8
Titan Pro	20M1*	RR2Y	2.0	R	CM	60.7	8.1	0.0	128.4	\$597.8
Hefty	H19Y11	RR2Y	1.9	MR	CM	60.6	8.2	0.0	110.3	\$596.7
Anderson	153CNR	RR	1.5	R	None	60.4	8.1	0.0	119.6	\$594.8
Gold Country	1644	RR2Y	1.6	R	AC	60.4	8.2	0.0	94.7	\$594.7
Kruger	K2-1901	RR2Y	1.9	R	AC	60.2	8.2	0.0	125.5	\$592.7
NorthStar	NS2026NR2	RR2Y	2.0	R	CM	59.7	8.1	0.0	113.8	\$587.9
Channel	1700R2	RR2Y	1.7	R	AC	59.5	8.1	0.0	115.0	\$586.0
Kruger	K2-1501	RR2Y	1.5	R	AC	59.5	8.2	0.0	122.0	\$585.8
Anderson	162R2Y	RR2Y	1.6	R	AC	59.5	8.2	0.0	113.8	\$585.8
Kruger	K2-1602	RR2Y	1.6	R	AC	59.3	8.2	0.0	109.2	\$583.9
Titan Pro	18M10*	RR2Y	1.8	R	CM	59.1	8.1	0.0	119.0	\$582.0
Kruger	K2-1401	RR2Y	1.4	MR	AC	58.6	8.2	0.0	121.4	\$577.0
Mustang	M-16221	RR2Y	1.6	R	AC	58.6	8.3	0.0	114.4	\$576.9
Titan Pro	15M20	RR2Y	1.5	R	CM	58.4	8.3	0.0	127.8	\$574.9
Gold Country	1844	RR2Y	1.8	R	AC	58.4	8.3	0.0	130.7	\$574.9
Hefty	H168R	RR	1.6	S	I	58.0	8.1	0.0	111.0	\$571.2
Prairie Brand	PB-1722R2	RR2Y	1.7	R	AC	57.7	8.3	0.0	109.8	\$568.0
Jung	1141RR2	RR2Y	1.4	R	AC	57.3	8.2	0.0	127.8	\$564.2
Prairie Brand	PB-2058NRR	RR	2.0	R	T6	57.3	8.2	0.0	105.1	\$564.2
Mustang	M-190NRR	RR	1.9	R	T6	57.2	8.1	0.0	120.8	\$563.3
SOI	2038NRR	RR	2.0	R	None	57.1	8.2	0.0	122.0	\$562.2
NorthStar	NS1716NR2	RR2Y	1.7	R	CM	57.0	8.2	0.0	112.1	\$561.2
Wensman	W3180NR2	RR2Y	1.8	R	AC	57.0	8.3	0.0	120.2	\$561.1
Anderson	191CNR	RR	1.9	R	None	56.5	8.2	0.0	125.5	\$556.3
Gold Country	1444	RR2Y	1.4	R	AC	56.3	8.5	0.0	99.3	\$554.0
Prairie Brand	PB-2142R2	RR2Y	2.0	R	CM	56.1	8.3	0.0	91.2	\$552.2
Test Average =						55.7	8.2	0.0	111.6	\$548.1
LSD (0.10) =						4.1	0.2	n.s.		
C.V. =						5.4	1.8			


 F.I.R.S.T. Manager

TEST COMMENTS: Summer temperatures were warm, but not extreme. Rainfall was a bit too plentiful, so the roots never went deep for nutrients. While this site did not have any water ponding issues, this heavy soil likely held a bit too much water in the profile for top-end yields to be realized. No lodging was apparent at harvest, and the beans were dry.

Lat: N44.40656, Long: W95.14701

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$9.75

† 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: 10/12/2010 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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