

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

S0MNSC07

Wayne & Dale Bjorklund, Nicollet County, MN 56074 [NICOLLET]

PREV. CROP/HERB: Corn / Force, Outlook, Laudis, Atrazine
 SOIL DESCRIPTION: Clarion-Canisteo-Webster clay loam, non-irrigated, well drained 1.3 - 2.0 MAT. GROUP
 SOIL CONDITIONS: Low SCN, high P, high K, 5.5 pH, 4.1% OM 30" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup
 SEEDED - RATE: May 18 160,000 /A TOP 30 for YIELD of 63 TESTED
 HARVESTED - STAND: Sep 30 109,200 /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	70.9	9.3	0.0	113.8	\$696.5
Channel	1901R2	RR2Y	1.9	R	AC	70.9	9.9	0.0	109.8	\$695.7
Titan Pro	20M1*	RR2Y	2.0	R	CM	69.5	9.7	0.0	112.7	\$682.2
Gold Country	1644	RR2Y	1.6	R	AC	69.2	9.9	3.0	97.0	\$679.0
Hefty	H187RN	RR	1.8	R	I	68.5	9.4	0.0	107.4	\$672.8
Channel	1700R2	RR2Y	1.7	R	AC	68.5	9.5	0.0	128.9	\$672.7
Titan Pro	20M70	RR2Y	2.0	S	CM	68.4	10.2	9.7	108.6	\$670.7
Wensman	W3180NR2	RR2Y	1.8	R	AC	68.0	9.3	0.0	119.1	\$668.0
Kruger	K2-1902	RR2Y	1.9	R	AC	67.9	9.7	0.0	68.5	\$666.5
Advantage	ADV2013CR*	RR	2.0	MR	None	67.1	9.5	0.0	111.5	\$658.9
Wensman	W3131R2	RR2Y	1.3	S	AC	67.0	9.1	0.0	118.5	\$658.5
NorthStar	NS1716NR2	RR2Y	1.7	R	CM	66.9	9.4	0.0	124.3	\$657.1
Prairie Brand	PB-1722R2	RR2Y	1.7	R	AC	66.9	9.4	0.0	107.5	\$657.1
Hefty	H16Y11	RR2Y	1.6	MR	AC	66.6	9.6	13.7	101.1	\$653.9
Prairie Brand	PB-2142R2	RR2Y	2.0	R	CM	66.6	9.8	3.0	96.4	\$653.6
Anderson	203R2Y	RR2Y	2.0	R	AC	66.5	9.4	6.0	91.2	\$653.2
NuTech	G2 6160^	RR	1.6	S	CM	66.4	9.4	1.3	116.2	\$652.2
Kruger	K2-1501	RR2Y	1.5	R	AC	66.2	9.7	0.0	113.9	\$649.8
Mustang	M-16221	RR2Y	1.6	R	AC	66.0	10.2	8.3	119.0	\$647.2
Anderson	162R2Y	RR2Y	1.6	R	AC	65.7	9.6	2.7	102.2	\$645.0
Jung	1163RR2	RR2Y	1.6	R	AC	65.7	9.6	0.0	124.3	\$645.0
Gold Country	1844	RR2Y	1.8	R	AC	65.7	9.6	0.0	114.4	\$645.0
SOI	STAR 2036RR2Y	RR2Y	2.0	S	CM	65.7	9.9	0.0	109.8	\$644.6
Titan Pro	18M10*	RR2Y	1.8	R	CM	65.6	9.3	0.0	119.6	\$644.5
Kruger	K2-1001	RR2Y	1.0	S	AC	65.5	9.6	6.0	108.0	\$643.1
Prairie Brand	PP-202	RR2Y	2.0	MR	CM	65.5	9.7	0.0	117.3	\$642.9
NorthStar	NS2026NR2	RR2Y	2.0	R	CM	64.8	9.3	8.3	105.1	\$636.6
Titan Pro	15M20	RR2Y	1.5	R	CM	64.8	9.7	0.3	100.5	\$636.1
Kruger	K2-1401	RR2Y	1.4	MR	AC	64.8	9.8	0.0	128.9	\$635.9
Kruger	K2-1602	RR2Y	1.6	R	AC	64.7	9.6	5.3	96.4	\$635.2
Test Average =						64.5	9.6	1.4	109.2	\$633.7
LSD (0.10) =						4.1	0.4	5.1		
C.V. =						4.7	3.4			


 F.I.R.S.T. Manager

TEST COMMENTS: A warm spring got this crop off to a good start. Storms with hail and tornados went through this area in June.

The June hail had little effect on yields here, as plants were tall and full of pods. Wayne and Dale told me they had another field hit by hail in late September, and yields there were devastated. Plants here were healthy at harvest.

Lat: N44.40917, Long: W94.18749

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 - Sulfonyleurea Tol

‡ Seed Treatment: AC - Acceleron, 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: 10/5/2010 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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