

2010 BETTER VARIETIES Harvest Report for Minnesota South [MNSO]

S0MNSO10

Tom & Jeff Warmka, Faribault County, MN 56025 [EASTON]

PREV. CROP/HERB: Corn / Roundup, Callisto
 SOIL DESCRIPTION: Nicollet-Webster clay loam, non-irrigated, well drained 1.6 - 2.3 MAT. GROUP
 SOIL CONDITIONS: Low SCN, high P, moderate K, 7.1 pH, 3.9% OM 30" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Optil, Pendant
 SEEDING - RATE: May 17 160,000 /A TOP 30 for YIELD of 81 TESTED
 HARVESTED - STAND: Oct 4 109,000 /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	61.4	8.4	0.0	119.7	\$604.3
NorthStar	NS1916NR2	RR2Y	1.9	R	CM	59.0	8.5	0.0	106.3	\$580.6
Viking	2112R2N	RR2Y	2.1	R	AC	58.6	9.3	0.0	96.4	\$575.7
Titan Pro	23M9*	RR2Y	2.3	S	CM	58.3	8.4	0.0	105.1	\$573.8
Hefty	H23Y10	RR2Y	2.3	S	AC	57.5	10.2	0.0	119.1	\$563.8
Prairie Brand	PP-202	RR2Y	2.0	MR	CM	57.0	8.9	0.0	117.3	\$560.4
Wensman	W3230R2	RR2Y	2.3	S	AC	56.8	8.8	0.0	109.8	\$558.6
Viking	2000R2N	RR2Y	2.0	R	AC	56.7	8.7	0.0	91.7	\$557.7
Prairie Brand	PB-1942R2	RR2Y	1.9	R	CM	56.4	8.8	0.0	106.3	\$554.6
Kruger	K2-1401	RR2Y	1.4	MR	AC	56.3	8.7	0.0	106.3	\$553.8
Kruger	K2-1602	RR2Y	1.6	R	AC	56.0	8.6	0.0	83.6	\$550.9
Gold Country	1644	RR2Y	1.6	R	AC	55.9	8.6	0.0	101.1	\$549.9
Mustang	M-190NRR	RR	1.9	R	T6	55.9	9.2	0.0	86.0	\$549.3
Gold Country	1844	RR2Y	1.8	R	AC	55.9	9.5	0.0	106.8	\$548.9
Jung	1234RR2	RR2Y	2.3	R	AC	55.8	8.7	0.0	102.8	\$548.8
Asgrow	AG2330 GC	RR2Y	2.3	R	AC	55.3	8.7	0.0	112.7	\$543.9
NuTech	7199	RR	1.9	R	CM	55.3	9.2	0.0	102.2	\$543.4
Prairie Brand	PB-1722R2	RR2Y	1.7	R	AC	55.2	8.5	0.0	111.5	\$543.2
Jung	1225RR2	RR2Y	2.2	R	AC	54.9	8.8	0.0	117.3	\$539.9
Channel	1901R2	RR2Y	1.9	R	AC	54.6	8.7	0.0	110.9	\$537.0
Gold Country	2140	RR2Y	2.1	R	AC	54.4	8.6	0.0	109.8	\$535.2
Titan Pro	20M70	RR2Y	2.0	S	CM	54.1	8.9	0.0	124.3	\$531.9
NK Brand	S21-N6 GC	RR	2.1	S	None	54.0	8.3	0.0	105.1	\$531.6
Channel	2300R2	RR2Y	2.3	R	AC	54.0	9.0	0.0	113.3	\$530.8
Mustang	M-20221	RR2Y,STS	2.0	R	AC	53.8	8.9	0.0	121.4	\$529.0
Viking	2294NRR	RR	2.2	R	CM	53.6	10.2	0.0	95.2	\$525.6
Legend	LS-2338LL	LL	2.3	S	T6	53.4	8.8	0.0	124.9	\$525.1
NorthStar	NS2026NR2	RR2Y	2.0	R	CM	53.3	8.5	0.0	118.5	\$524.5
Kruger	K2-1501	RR2Y	1.5	R	AC	53.2	9.5	0.0	96.4	\$522.4
Advantage	ADV2340CR*	RR	2.3	MR	None	53.2	9.6	0.0	110.3	\$522.3
Test Average =						51.8	9.1	0.0	109.0	\$509.2
LSD (0.10) =						5.0	1.3	n.s.		
C.V. =						7.2	10.6			


 F.I.R.S.T. Manager

TEST COMMENTS: *Favorable temperatures and too much rain all summer allowed these soybeans to grow taller than in recent years.*
However, some individual plots were shorter in height, indicating a wet soil profile. The field site is tilled for drainage, but the heavy clay loam retained a lot of water, causing variability in yields.

Lat: N43.74582, Long: W93.5239

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 - 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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