

**2010 BETTER VARIETIES Harvest Report for Minnesota South [ MNSO ]**

S0MNSO09

Rick Quade, Cottonwood County, MN 56083 [ JEFFERS ]

 PREV. CROP/HERB: Corn / Surpass, Roundup  
 SOIL DESCRIPTION: Wilmington clay loam, non-irrigated, well drained  
 SOIL CONDITIONS: Low SCN, moderate P, high K, 6.7 pH, 4.4% OM  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Optil, Pendant, Raptor  
 SEEDING - RATE: May 20 160,000 /A  
 HARVESTED - STAND: Oct 6 112,800 /A

 1.6 - 2.3 MAT. GROUP  
 30" ROW SPACING

 TOP 30 for YIELD of 81 TESTED  
 AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Wensman	W3230R2	RR2Y	2.3	S	AC	<b>55.4</b>	7.3	0.0	120.8	\$546.5
NuTech	7199	RR	1.9	R	CM	<b>53.9</b>	7.0	0.0	127.2	\$532.0
Kruger	K2-2101	RR2Y	2.1	R	AC	<b>53.9</b>	9.0	0.0	97.6	\$529.8
Mustang	M-190NRR	RR	1.9	R	T6	<b>53.0</b>	6.8	0.0	114.4	\$523.3
Wensman	W3212NR2	RR2Y	2.1	R	AC	51.9	7.0	0.0	124.9	\$512.3
Hefty	H23Y10	RR2Y	2.3	S	AC	51.1	7.3	0.0	123.7	\$504.1
Wensman	W3180NR2	RR2Y	1.8	R	AC	50.5	6.8	0.0	110.9	\$498.6
NorthStar	NS1916NR2	RR2Y	1.9	R	CM	50.1	6.8	0.0	103.4	\$494.7
Kruger	K2-1901	RR2Y	1.9	R	AC	50.0	7.6	0.0	104.0	\$492.9
Jung	1234RR2	RR2Y	2.3	R	AC	49.8	7.0	0.0	122.0	\$491.5
Mustang	M-20221	RR2Y,STS	2.0	R	AC	49.2	8.0	0.0	128.9	\$484.6
NuTech	3229L	LL	2.2	R	CM	49.0	8.3	0.0	131.8	\$482.4
Viking	2112R2N	RR2Y	2.1	R	AC	48.9	7.1	0.0	109.2	\$482.5
NorthStar	NS2026NR2	RR2Y	2.0	R	CM	48.9	7.2	0.0	119.6	\$482.4
Titan Pro	23M9*	RR2Y	2.3	S	CM	48.8	8.6	0.0	119.0	\$480.1
Titan Pro	20B20*	LL	2.0	R	CM	48.6	7.6	0.0	138.2	\$479.1
Kruger	K2-1501	RR2Y	1.5	R	AC	48.4	7.4	0.0	90.0	\$477.3
Channel	2300R2	RR2Y	2.3	R	AC	48.1	7.4	0.0	118.5	\$474.4
Pioneer	92Y30 GC	RR	2.3	R	None	48.1	8.7	0.0	110.9	\$473.1
Hefty	H19Y11	RR2Y	1.9	MR	CM	48.0	7.1	0.0	109.8	\$473.7
Legend	LS-2338LL	LL	2.3	S	T6	48.0	8.8	0.0	120.8	\$472.0
Prairie Brand	PB-2207NRR	RR	2.2	R	T6	47.5	7.6	0.0	113.3	\$468.3
Advantage	ADV2101CR*	RR	2.1	MR	None	47.3	7.3	0.0	128.4	\$466.6
Prairie Brand	PB-1722R2	RR2Y	1.7	R	AC	47.3	7.6	0.0	88.3	\$466.3
Mustang	M-23321	RR2Y	2.3	R	AC	47.1	7.2	0.0	127.8	\$464.7
Viking	L200N	LL	2.0	R	CM	46.9	7.2	0.0	113.3	\$462.7
Prairie Brand	PB-1942R2	RR2Y	1.9	R	CM	46.9	7.8	0.0	116.7	\$462.2
Gold Country	1844	RR2Y	1.8	R	AC	46.7	7.0	0.0	119.7	\$460.9
Asgrow	AG2330 GC	RR2Y	2.3	R	AC	46.4	8.2	0.0	127.2	\$456.9
Titan Pro	20M70	RR2Y	2.0	S	CM	46.3	7.7	0.0	117.9	\$456.3
Test Average =						<b>44.2</b>	<b>7.5</b>	<b>0.0</b>	<b>112.8</b>	<b>\$435.7</b>
LSD (0.10) =						8.5	1.2	n.s.		
C.V. =						14.3	11.9			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** Growing conditions were quite good here, with warm temps and a bit too much rain all summer. This site was sprayed conventionally, and DID NOT get early control of waterhemp. Those weeds were hand-pulled twice, with over 120 man hours of labor. The first replication was clean and averaged 52 bpa, but the other 2 reps were very weedy. Lat: N44.07411, Long: W95.20015

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				



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

AC	Acceleron <sup>®</sup>
AM	ApronMaxx <sup>®</sup>
AP	Apron XL <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn
C	Cruiser <sup>®</sup>
CM	CruiserMaxx <sup>®</sup>
E	Excalibre <sup>™</sup>
ES	Escalate <sup>™</sup>
I	Inovate <sup>™</sup> System
O	Optimize <sup>®</sup>
P	Poncho <sup>®</sup>
T	Trilex <sup>®</sup>
T6	Trilex <sup>®</sup> 6000
V	Votivo <sup>™</sup>

### Trademarks

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