

**2012 BETTER VARIETIES Harvest Report for Minnesota Central [ MNCE ]**  
 Doug Toreen, Renville County, MN 55310 [ BIRD ISLAND ]

**ALL SEASON TEST**  
**1.3 - 2.0 MAT. GROUP**

PREV. CROP/HERB: Corn / Surpass, Roundup  
 SOIL DESCRIPTION: Canisteo clay loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.7 pH, 3.9% OM, Low SCN  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Roundup twice  
 SEEDED - RATE: May 15 140,000 /A  
 HARVESTED - STAND: Oct 3 122,921 /A

S2MNCE01

30" ROW SPACING

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

Company/Brand	Product/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,PV	<b>56.4</b>	7.6	0	126.3	\$846
Stine	19RA02 §	RR2Y	1.9	R	CMB	<b>55.3</b>	7.6	0	120.0	\$830
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	<b>54.5</b>	7.6	0	119.5	\$818
Hefty	H17Y12	RR2Y	1.7	MR	I	<b>53.7</b>	7.7	0	124.4	\$806
Dyna-Gro	S15RY53	RR2Y	1.5	R	Ac	<b>53.6</b>	7.7	0	126.8	\$804
LG Seeds	C2050R2	RR2Y	2.1	R	Ac	<b>53.6</b>	7.7	0	123.9	\$804
Titan Pro	19M42	RR2Y	1.9	R	CMB	<b>53.6</b>	7.7	0	121.0	\$804
Stine	19RA02 (2) §	RR2Y	1.9	R	CMB	<b>53.4</b>	7.7	0	123.9	\$801
Asgrow	AG1832 §	RR2Y	1.8	MR	Ac,PV	52.9	7.7	0	122.0	\$794
Prairie Brand	PB-1566R2	RR2Y	1.5	R	CMB	52.8	7.7	0	122.9	\$792
Channel	1901R2	RR2Y	1.9	R	Ac,PV	52.8	7.6	0	123.4	\$791
Titan Pro	20M1	RR2Y	2.0	R	Am	52.5	7.5	0	124.4	\$788
Kruger	K2-2002	RR2Y	2.0	R	Ac,PV	52.4	7.9	0	125.4	\$786
Channel	1700R2	RR2Y	1.7	R	Ac,PV	52.3	7.9	0	123.9	\$784
Hefty	H16Y11	RR2Y	1.6	MR	I	51.4	7.6	0	123.9	\$771
Anderson	162R2Y	RR2Y	1.6	R	None	51.3	7.5	0	119.5	\$770
Titan Pro	15M22	RR2Y	1.5	R	CMB	51.3	7.8	0	125.4	\$769
Dairyland	DSR-1710R2Y	RR2Y	1.7	R	CMB	51.3	7.7	0	122.0	\$769
Hefty	H20R3	RR2Y	2.0	MR	I	50.5	8.2	0	121.0	\$757
Prairie Brand	PB-1743R2	RR2Y	1.7	R	CMB	50.2	7.7	0	125.8	\$752
Gold Country	1741	RR2Y	1.7	R	Ac	50.1	7.8	0	123.9	\$751
Trelay	20RR43	RR2Y	2.0	R	Ac,Ex	49.9	7.6	0	127.8	\$749
Hefty	H14R3	RR2Y	1.4	MR	I	49.7	7.7	0	122.9	\$746
Prairie Brand	PB-2099NRR2	RR2Y	2.0	R	CMB	49.6	7.8	0	126.3	\$743
Wensman	W 3174NR2	RR2Y	1.7	R	Ac	49.3	7.6	0	122.5	\$740
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	48.7	7.6	0	125.4	\$731
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	48.7	7.7	0	126.8	\$731
Kruger	K2-1902	RR2Y	1.9	R	Ac,PV	48.7	7.5	0	124.4	\$730
Prairie Brand	PB-1823R2	RR2Y	1.8	R	None	48.5	7.6	0	121.0	\$727
Gold Country	1541	RR2Y	1.5	R	Ac	48.4	7.6	0	110.4	\$726
Test Average =						<b>47.6</b>	<b>7.7</b>	<b>0</b>	<b>122.9</b>	<b>\$713</b>
LSD (0.10) =						5.7	0.3	ns		
C.V. =						8.8	2.9			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Planting conditions were very good here, and crop growth was exceptional through June. Lack of rainfall in July and August lowered final yields to more normal numbers. Pest pressure was very low, which allowed the plants to utilize every bit of moisture they could find.*

Lat: 44.673173, Long: -94.823477

Yield &amp; Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$15.00

† See last page for Product/Brand, Technology and Seed Treatment information.

 Results in **bold** are significantly above the test average. **GC** = grower comparison product, **§** = United Soybean Board entry; **ns** = not significantly different

 Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/5/2012 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 Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

### Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonyleurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

### Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaxx®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaxx® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

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