

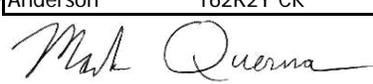
**2012 BETTER VARIETIES Harvest Report for Minnesota South Central [ MNSC ]**

Mike Krenik, Le Sueur County, MN 56063 [ MADISON LAKE ]

**EARLY SEASON TEST**
**1.5 - 1.8 MAT. GROUP**

PREV. CROP/HERB: Corn / Surpass, Glyphosate S2MNSC08a  
 SOIL DESCRIPTION: Le Sueur-Cordova clay loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 5.8 pH, 3.1% OM, low SCN 30" ROW SPACING  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Roundup (twice)  
 SEEDED - RATE: May 13 140,000 /A TOP 30 for YIELD of 42 TESTED  
 HARVESTED - STAND: Sep 30 123,086 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income	
Stine	16RA02 §	RR2Y	1.6	R	None	57.7	7.6	0	128.3	\$866	
Jung	1170RR2	RR2Y	1.7	R	Ac,O	56.8	7.7	0	126.8	\$852	
Trelay	15RR51	RR2Y	1.5	R	Ac,Ex	53.7	7.8	0	122.0	\$806	
Hefty	H16Y11	RR2Y	1.6	MR	I	53.3	7.6	0	123.4	\$799	
Hefty	H18Y12	RR2Y	1.8	MR	I	53.1	7.7	0	123.9	\$797	
Renk	RS172NR2	RR2Y	1.7	R	None	53.0	7.8	0	123.4	\$796	
Dairyland	DSR-1808R2Y	RR2Y	1.8	R	CMB	52.9	7.7	0	125.8	\$793	
Anderson	163R2Y	RR2Y	1.6	R	None	52.1	7.6	0	119.1	\$781	
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	52.0	7.7	0	123.4	\$780	
Anderson	184R2Y	RR2Y	1.8	R	None	51.8	7.6	0	125.4	\$777	
LG Seeds	C1780R2	RR2Y	1.7	R	Ac	51.6	7.5	0	124.9	\$774	
Titan Pro	18M10	RR2Y	1.8	R	CMB	51.5	7.7	0	124.9	\$772	
NK Brand	S17-G8 §	RR2Y	1.7	R	CMB	51.4	7.6	0	120.5	\$771	
Kruger	K2-1402	RR2Y	1.5	R	Ac,PV	51.3	7.7	0	122.9	\$770	
Asgrow	AG1832 §	RR2Y	1.8	MR	Ac,PV	51.1	7.7	0	121.5	\$767	
Dairyland	DSR-1710R2Y	RR2Y	1.7	R	CMB	50.8	7.6	0	121.5	\$762	
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMB	50.7	7.6	0	111.8	\$761	
Wensman	W 3160NR2	RR2Y	1.6	R	Ac	50.2	7.7	0	127.3	\$754	
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	49.9	7.6	0	120.5	\$748	
Gold Country	1541	RR2Y	1.5	R	Ac	48.8	7.6	0	122.9	\$732	
Renk	RS183NR2	RR2Y	1.8	R	None	48.6	7.5	0	125.4	\$729	
Prairie Brand	PB-1637R2	RR2Y	1.6	R	CMB	48.5	7.7	0	121.5	\$728	
Hefty	H17Y12	RR2Y	1.7	MR	I	48.1	7.8	0	125.8	\$722	
Viking	1522R2N	RR2Y	1.5	R	None	47.7	7.7	0	120.0	\$716	
Gold Country	1741	RR2Y	1.7	R	Ac	47.2	7.8	0	123.4	\$708	
Viking	1707R2N	RR2Y	1.7	R	Ac	47.0	7.7	0	124.4	\$705	
Channel	1606R2	RR2Y	1.6	R	Ac,PV	46.6	7.7	0	122.5	\$698	
Kruger	K2-1702	RR2Y	1.7	R	Ac,PV	46.4	7.6	0	119.5	\$695	
Prairie Brand	PB-1566R2	RR2Y	1.5	R	CMB	46.3	7.6	0	122.9	\$695	
Prairie Brand	PB-1743R2	RR2Y	1.7	R	CMB	46.1	7.5	0	123.4	\$692	
Anderson	162R2Y CK	RR2Y	1.6	R	None	51.9	7.6	0	122.0	\$778	
						Test Average =	48.6	7.7	0	123.1	\$729
						LSD (0.10) =	5.9	0.2	ns		
						C.V. =	9.0	2.1			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** A dry, snowless winter left the soil low on moisture this year. May brought 6" of rain, which was less than many areas of southern MN. Mike states that he missed the June hail that passed north of his farm, but he also missed most of the moisture. June brought 1", and July and August each received 1" rain. These soybeans showed signs of pod shatter. Lat: 44.275863, Long: -93.867471

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.  
 → Identifies the check brand included in early- and full-season tests. Results in **bold** are significantly above test average.  
**GC** = grower comparison product, **§** = United Soybean Board entry; **ns** = not significantly different

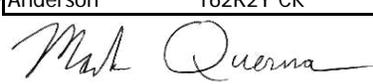
**2012 BETTER VARIETIES Harvest Report for Minnesota South Central [ MNSC ]**

Mike Krenik, Le Sueur County, MN 56063 [ MADISON LAKE ]

**FULL SEASON TEST**
**1.9 - 2.2 MAT. GROUP**

PREV. CROP/HERB: Corn / Surpass, Glyphosate S2MNSC08b  
 SOIL DESCRIPTION: Le Sueur-Cordova clay loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 5.8 pH, 3.1% OM, low SCN 30" ROW SPACING  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Roundup (twice)  
 SEEDED - RATE: May 13 140,000 /A TOP 30 for YIELD of 54 TESTED  
 HARVESTED - STAND: Sep 30 122,793 /A 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	58.1	7.6	0	123.9	\$872
NorthStar	NS 1916NR2	RR2Y	1.9	R	Ac	57.2	7.8	0	126.3	\$858
Viking	2000R2N	RR2Y	2.0	R	Ac	55.9	7.9	0	127.8	\$838
Latham	L1985R2	RR2Y	1.9	R	CMB	53.9	7.7	0	121.0	\$809
Titan Pro	20M1	RR2Y	2.0	R	Am	53.4	7.8	0	122.9	\$801
Trelay	19RR59	RR2Y	1.9	R	Ac,Ex	53.2	7.9	0	120.5	\$799
Hefty	H21R3	RR2Y	2.1	S	I	53.0	8.0	0	123.9	\$794
Prairie Brand	PB-2366R2	RR2Y	2.2	R	CMB	52.9	7.8	0	123.9	\$794
Mustang	M-20823	RR2Y	2.0	R	Ac	52.8	7.9	0	125.8	\$792
Latham	L2148R2	RR2Y	2.1	R	CMB	52.6	7.9	0	123.4	\$789
Latham	L2253R2	RR2Y	2.2	S	CMB	52.2	7.7	0	117.1	\$783
Prairie Brand	PB-2143R2	RR2Y	2.0	R	CMB	52.1	7.7	0	119.1	\$781
Channel	2200R2	RR2Y	2.2	R	Ac,PV	51.7	7.8	0	120.0	\$775
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	51.4	8.0	0	123.4	\$772
Latham	L2183R2	RR2Y	2.1	R	CMB	50.9	7.9	0	125.8	\$764
Channel	1901R2	RR2Y	1.9	R	Ac,PV	50.9	7.9	0	124.9	\$763
Wensman	W 3222NR2	RR2Y	2.2	R	Ac	50.4	7.9	0	125.4	\$756
Wensman	W 3210NR2	RR2Y	2.1	R	Ac	50.2	7.9	0	122.9	\$752
Trelay	21RR37	RR2Y	2.1	MR	Ac,Ex	50.1	8.0	0	122.5	\$752
Anderson	204R2Y	RR2Y	2.0	R	None	49.0	7.8	0	121.5	\$735
LG Seeds	C1917R2	RR2Y	1.9	R	Ac	48.2	7.9	0	123.4	\$722
Kruger	K2-2002	RR2Y	2.0	R	Ac,PV	47.9	7.9	0	122.9	\$719
Hefty	H20R3	RR2Y	2.0	MR	I	47.3	8.0	0	121.0	\$709
Gold Country	2142	RR2Y	2.1	R	Ac	47.3	7.8	0	123.4	\$709
Pioneer	92Y11 §	RR	2.1	R	None	47.0	8.0	0	122.9	\$705
Asgrow	AG1931 §	RR2Y	1.9	R	Ac,PV	46.8	7.7	0	123.9	\$702
Stine	20RC32 §	RR2Y	2.0	R	CMB	46.1	7.9	0	121.5	\$692
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	45.9	7.8	0	119.1	\$688
Dairyland	DSR-2190R2Y	RR2Y	2.1	S	CMB	45.7	8.0	0	124.4	\$686
Latham	L2086R2	RR2Y	2.0	R	SS+	45.6	7.6	0	125.8	\$685
Anderson	162R2Y CK	RR2Y	1.6	R	None	49.6	7.8	0	116.6	\$744
Test Average =						47.4	7.9	0	122.8	\$712
LSD (0.10) =						7.4	0.2	ns		
C.V. =						11.5	1.8			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** A dry, snowless winter left the soil low on moisture this year. May brought 6" of rain, which was less than many areas of southern MN. Mike states that he missed the June hail that passed north of his farm, but he also missed most of the moisture. June brought 1", and July and August each received 1" rain. These soybeans showed signs of pod shatter. Lat: 44.275863, Long: -93.867471

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## 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

### Trademarks

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