

## 2013 Soybean Top 30 Harvest Report

Minnesota West Central [ MNWC ] ROTHSAY  
Kurt Krueger, Wilkin County, MN 56579



PREV. CROP/HERB: Corn / Atrazine  
SOIL DESCRIPTION: Sandy loam, moderately drained, non-irrigated  
SOIL CONDITIONS: Low P, moderate K, 7.6 pH, 2.4% OM,  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Trifluralin, Extreme, Roundup, Arrow  
SEEDED - RATE - ROW: Jun 8 160,000 /A 30" Spacing  
HARVESTED - STAND: Oct 13 137,900 /A

**All-Season Test**  
**0.5 - 1.2 Day CRM**  
S2013MNWC12

### Top 30 of 60

Sorted for YIELD  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Legend	LS-12R24N §	RR2Y	1.2	R	AC	<b>41.9</b>	16.4	0	138.3	\$534
Renk	RS084R2 (2)	RR2Y	0.8	S	None	<b>41.9</b>	16.2	1	146.3	\$534
Rea	71G14	RR2Y	1.1	R	AC	<b>41.3</b>	16.5	0	135.7	\$527
Dyna-Gro	S09RY64	RR2Y	0.9	R	CMB	<b>40.0</b>	15.9	0	141.0	\$510
Mustang	07724	RR2Y	0.7	R	AC	<b>37.7</b>	15.8	0	141.0	\$481
Hefty	H06R4	RR2Y	0.6	MR	I	<b>37.7</b>	15.9	0	138.3	\$481
Mustang	08824 §	RR2Y	0.8	R	AC	<b>37.7</b>	15.9	0	141.0	\$481
Gold Country	1243	RR2Y	1.2	R	ACi	<b>37.4</b>	16.2	0	138.3	\$477
Dyna-Gro	S12RY44	RR2Y	1.2	R	CMB	<b>37.4</b>	16.1	1	141.0	\$477
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CMBV	<b>36.4</b>	16.6	0	141.0	\$464
Rea	69G14	RR2Y	0.9	MR	AC	35.9	15.9	0	138.3	\$458
Hefty	H09R4	RR2Y	0.9	MR	I	35.8	16.6	0	143.6	\$456
Wensman	W 3062NR2	RR2Y	0.6	MR	AC,PV	35.8	16.0	1	141.0	\$456
Proseed	PX06	RR2Y	0.6	MR	AC	35.5	16.0	0	138.3	\$453
Wensman	W 3090NR2	RR2Y	0.8	MR	AC,PV	35.3	15.8	0	141.0	\$450
Legend	LS-08R22N (2) §	RR2Y	0.8	R	AC	35.3	16.0	0	141.0	\$450
Mustang	12224 §	RR2Y	1.2	R	AC	34.6	15.6	0	138.3	\$441
Pioneer	90Y81 §	RR	0.8	R	EE,PV	33.7	15.4	1	135.7	\$430
Dairyland	DSR-0904/R2Y	RR2Y	0.9	MR	CMB	32.4	16.1	0	138.3	\$413
Dairyland	DSR-0606/R2Y	RR2Y	0.6	S	CMB	32.3	15.8	0	141.0	\$412
Prairie Brand	PB-0609R2	RR2Y	0.6	R	CMBV	31.8	15.4	0	141.0	\$405
Legend	LS-08R22N §	RR2Y	0.8	R	AC	31.8	15.8	0	141.0	\$405
Rea	66G14	RR2Y	0.6	R	AC	30.4	16.0	0	135.7	\$388
Curry	1061	RR	0.6	R	None	30.2	15.7	0	130.4	\$385
Hefty	H10R4	RR2Y	1.0	S	I	30.1	15.3	0	138.3	\$384
Prairie Brand	PB-1234R2	RR2Y	1.2	R	CMBV	29.9	15.6	0	141.0	\$381
Proseed	PX12	RR2Y	1.2	MR	AC	29.4	15.4	0	141.0	\$375
Pioneer	90M80 §	RR	0.8	R	None	28.7	15.9	0	135.7	\$366
Prairie Brand	PB-0863R2	RR2Y	0.7	MR	CMBV	28.6	15.9	0	138.3	\$365
Rea	69G13	RR2Y	0.9	S	AC	28.4	15.9	0	133.0	\$362

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Test Average = **28.2** **15.8** **0** **137.9** **\$360**

LSD (0.10) = 7.8 0.5 ns

C.V. = 20.3 2.2

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.000 Price =  $\frac{\$12.75}{n/a}$  Local GMO Non-GMO

**TEST COMMENTS:** Rothsay was the last FIRST plot planted in the area and was set back during pod fill by dry soil conditions. Evident at harvest however was extreme variability in areas that withstood periods of prolonged soil saturation earlier in the season. Also, half of the sixty varieties tested are susceptible to cyst nematode, but only five can be found in the top 30 reported above.

† See last page for additional information. Results in **bold** are significantly above the test average. **CK** = check and **GC** = grower comparison products, **§** = United Soybean Board entry; **ns** = not significantly different.

Additional reports and searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report date: 10/16/2013 Revised:

**All-Season Test Products (60 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG0832 §	RR2Y	0.8	S	ACi	Rea	66G14	RR2Y	0.6	R	AC
Asgrow	AG1132 §	RR2Y	1.1	S	ACi	Rea	66G22	RR2Y	0.6	S	AC
Curry	1061	RR	0.6	R	None	Rea	69G13	RR2Y	0.9	S	AC
Dairyland	DSR-0606/R2Y	RR2Y	0.6	S	CMB	Rea	69G14	RR2Y	0.9	MR	AC
Dairyland	DSR-0904/R2Y	RR2Y	0.9	MR	CMB	Rea	71G14	RR2Y	1.1	R	AC
Dairyland	DSR-1120/R2Y	RR2Y	1.1	S	CMB	Rea	71G20	RR2Y	1.1	S	AC
Dyna-Gro	S09RY64	RR2Y	0.9	R	CMB	Renk	RS082R2	RR2Y	0.7	S	None
Dyna-Gro	S12RY44	RR2Y	1.2	R	CMB	Renk	RS084R2	RR2Y	0.8	S	None
Gold Country	0641	RR2Y	0.6	S	ACi	Renk	RS084R2 (2)	RR2Y	0.8	S	None
Gold Country	0840	RR2Y	0.8	S	ACi	Stine	08RC68 §	RR2Y	0.8	MR	None
Gold Country	1243	RR2Y	1.2	R	ACi	Wensman	W 3050NR2	RR2Y	0.5	MR	AC,PV
Hefty	H05R3	RR2Y	0.5	S	I	Wensman	W 3062NR2	RR2Y	0.6	MR	AC,PV
Hefty	H06R4	RR2Y	0.6	MR	I	Wensman	W 3076R2	RR2Y	0.7	S	AC,PV
Hefty	H09R4	RR2Y	0.9	MR	I	Wensman	W 3090NR2	RR2Y	0.8	MR	AC,PV
Hefty	H10R3	RR2Y	1.0	S	I	Wensman	W 3106R2	RR2Y	1.0	S	AC,PV
Hefty	H10R4	RR2Y	1.0	S	I						
Hefty	H11R3	RR2Y	1.1	S	I						
Kruger	K2-0504	RR2Y	0.5	S	ACi						
Kruger	K2-0901	RR2Y	0.9	S	ACi						
Kruger	K2-1001	RR2Y	1.0	S	ACi						
Kruger	K2-1102	RR2Y	1.1	S	ACi						
Legend	LS-08R22N §	RR2Y	0.8	R	AC						
Legend	LS-08R22N (2) §	RR2Y	0.8	R	AC						
Legend	LS-12R24N §	RR2Y	1.2	R	AC						
Mustang	07724	RR2Y	0.7	R	AC						
Mustang	08824 §	RR2Y	0.8	R	AC						
Mustang	12224 §	RR2Y	1.2	R	AC						
NK Brand	S05-M8 §	RR2Y	0.5	S	CMBV						
NK Brand	S08-G1 §	RR2Y	0.8	S	CMBV						
NK Brand	S10-P9 §	RR2Y	1.0	S	CMBV						
Pioneer	90M80 §	RR	0.8	R	None						
Pioneer	90Y81 §	RR	0.8	R	EE,PV						
Pioneer	91Y01 §	RR	1.1	R	None						
Prairie Brand	PB-0609R2	RR2Y	0.6	R	CMBV						
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CMBV						
Prairie Brand	PB-0863R2	RR2Y	0.7	MR	CMBV						
Prairie Brand	PB-0866R2	RR2Y	0.8	S	CMBV						
Prairie Brand	PB-0991R2	RR2Y	1.0	S	CMBV						
Prairie Brand	PB-1234R2	RR2Y	1.2	R	CMBV						
Proseed	P2 20-70	RR2Y	0.7	S	AC						
Proseed	P2 20-90	RR2Y	0.9	R	AC						
Proseed	PX06	RR2Y	0.6	MR	AC						
Proseed	PX11	RR2Y	1.1	S	AC						
Proseed	PX12	RR2Y	1.2	MR	AC						
Rea	65G22	RR2Y	0.5	S	AC						

## Footnotes and Abbreviation Descriptions

### 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. VPMaxx® 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®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by F.I.R.S.T. when space permits.
§	United Soybean Board sponsored entry

### Soybean Technologies

None	Conventional, non-GMO
LL	LibertyLink®
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonyleurea tolerant soybeans

### Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybean Seed Treatments\*

?	Information not provided	Ex	Excalibre™
A	Allegiance®	G	Gaucho®
AC	Acceleron® fungicide products	I	Inovate™ System
ACi	Acceleron® fungicide and insecticide products	None	untreated
AM	ApronMaxx®	O	Optimize®
AP	Apron XL®	PV	Poncho®/Votivo®
AVB	Avicta® Complete Beans	RS	Right Stand™
C	Cruiser®	SCE	SmartCote™ Extra
CC	CurryCoat™	SDPI	Servo DPI
CMB	CruiserMaxx® Beans	SS+	Soyshield Plus™
CMBV	CruiserMaxx® Beans with Vibrance	SStd	SureStand™
DPHB	DPH Boost™	T	Trilex®
EE	Evergol™ Energy		

\* Seed treatments may include unspecified plant health promoting components.