

2013 Soybean Top 30 Harvest Report
 Minnesota West Central [MNWC] WHEATON
 Chester Raguse, Traverse County, MN 56583



PREV. CROP/HERB: Corn / Status
 SOIL DESCRIPTION: Clay loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Low P, moderate K, 7.9 pH, 2.6% OM,
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup
 SEEDED - RATE - ROW: May 29 160,000 /A 30" Spacing
 HARVESTED - STAND: Oct 11 123,800 /A

All-Season Test
0.5 - 1.2 Day CRM
 S2013MNWC10

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
Wensman	W 3062NR2	RR2Y	0.6	MR	AC,PV	54.4	11.7	0	127.7	\$694
Mustang	08824 §	RR2Y	0.8	R	AC	53.8	11.5	0	125.0	\$686
Renk	RS084R2 (2)	RR2Y	0.8	S	None	53.5	12.0	0	138.3	\$682
Legend	LS-12R24N §	RR2Y	1.2	R	AC	50.8	11.7	0	125.0	\$648
Wensman	W 3090NR2	RR2Y	0.8	MR	AC,PV	50.5	11.7	0	130.4	\$644
Rea	71G20	RR2Y	1.1	S	AC	49.9	12.8	0	127.7	\$636
Mustang	12224 §	RR2Y	1.2	R	AC	49.0	11.8	0	119.7	\$625
Prairie Brand	PB-0863R2	RR2Y	0.7	MR	CMBV	48.6	11.5	0	117.0	\$620
Rea	66G14	RR2Y	0.6	R	AC	48.4	11.8	0	119.8	\$617
Gold Country	0641	RR2Y	0.6	S	ACi	48.2	11.4	0	125.0	\$615
Hefty	H09R4	RR2Y	0.9	MR	I	47.8	11.5	0	125.0	\$609
Dairyland	DSR-0904/R2Y	RR2Y	0.9	MR	CMB	47.6	11.4	0	127.7	\$607
Kruger	K2-1001	RR2Y	1.0	S	ACi	47.5	11.6	0	125.0	\$606
Kruger	K2-0901	RR2Y	0.9	S	ACi	47.2	11.5	0	127.7	\$602
Dyna-Gro	S09RY64	RR2Y	0.9	R	CMB	46.8	11.2	0	133.0	\$597
Rea	69G14	RR2Y	0.9	MR	AC	46.8	11.5	0	119.7	\$597
Stine	08RC68 §	RR2Y	0.8	MR	None	46.6	11.3	0	125.0	\$594
Gold Country	0840	RR2Y	0.8	S	ACi	46.4	11.6	0	127.7	\$592
Prairie Brand	PB-1234R2	RR2Y	1.2	R	CMBV	46.4	11.8	0	125.0	\$592
Pioneer	91Y01 §	RR	1.1	R	None	46.4	11.8	3	117.0	\$592
Rea	71G14	RR2Y	1.1	R	AC	46.3	11.7	0	125.0	\$590
Rea	69G13	RR2Y	0.9	S	AC	46.2	11.9	3	109.0	\$589
Asgrow	AG0832 §	RR2Y	0.8	S	ACi	46.1	11.4	0	111.7	\$588
Proseed	PX12	RR2Y	1.2	MR	AC	46.0	11.5	0	127.7	\$587
Dairyland	DSR-0606/R2Y	RR2Y	0.6	S	CMB	45.9	11.4	0	127.7	\$585
Renk	RS082R2	RR2Y	0.7	S	None	45.8	11.4	0	135.7	\$584
Proseed	PX06	RR2Y	0.6	MR	AC	45.7	11.4	0	122.4	\$583
Pioneer	90Y81 §	RR	0.8	R	EE,PV	44.8	11.4	0	119.7	\$571
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CMBV	44.8	11.8	0	130.4	\$571
Asgrow	AG1132 §	RR2Y	1.1	S	ACi	44.7	11.6	0	122.4	\$570

Test Average = **44.4** **11.6** **1** **123.8** **\$567**

LSD (0.10) = 7.1 ns ns

C.V. = 11.8 3.7

kevincoey@firstseedtests.com, (217) 480-5490

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: *The season began cool and moist but dry soil conditions through much of the growing season limited mid-season growth, resulting in moderate plant height at harvest. Yield was also average due to dry and hot weather through pod-fill. Some varieties died down much sooner than others and plant health issues were likely a yield determining factor here this season.*

† 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

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Report date: 10/13/2013 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. 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.
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® - sulfonylurea 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	Gaicho®
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.