

## 2013 Soybean Top 30 Harvest Report

Minnesota South Central [ MNSC ] WABASSO  
Leon Plaetz, Redwood County, MN 56293



PREV. CROP/HERB: Corn / Harness, Glyphosate, Callisto  
SOIL DESCRIPTION: Normania-Webster clay loam, well drained, non-irrigated  
SOIL CONDITIONS: High P, high K, 6.5 pH, 3.4% OM, low SCN  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Roundup WeatherMax (twice), Warrior  
SEEDED - RATE - ROW: May 18 154,220 /A 30" Spacing  
HARVESTED - STAND: Oct 27 137,800 /A

### Early-Season Test

1.5 - 1.8 Day CRM  
S2013MNSC05a

### Top 30 of 42

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
Channel	1700R2	RR2Y	1.7	R	ACi	61.7	10.2	0	138.4	\$787
Asgrow	AG1733	RR2Y	1.7	R	ACi	58.7	10.3	0	138.9	\$748
Dairyland	DSR-1515/R2Y	RR2Y	1.5	MR	CMB,O	57.7	10.2	0	137.0	\$736
NK Brand	S18-C2 §	RR2Y	1.8	R	CMBV	57.3	11.2	0	139.4	\$731
Renk	RS183NR2	RR2Y	1.8	R	CMB,O	55.1	10.7	0	135.5	\$703
Asgrow	AG1832 §	RR2Y	1.8	MR	ACi	54.2	10.6	0	138.4	\$691
Anderson	184R2Y	RR2Y	1.8	R	None	54.1	10.8	0	136.0	\$690
Channel	1805R2	RR2Y	1.8	MR	ACi	53.5	10.4	0	135.5	\$682
Advantage	ADV1811CR2	RR2Y	1.8	R	None	53.2	10.4	0	137.9	\$678
Anderson	162R2Y	RR2Y	1.6	R	None	52.2	10.4	0	136.5	\$666
Latham	L1585R2	RR2Y	1.5	R	SS+	51.0	10.7	0	133.6	\$650
Hefty	H16R4	RR2Y	1.6	MR	I	49.5	10.6	0	138.9	\$631
Pioneer	91Y81 §	RR	1.8	R	EE,G	49.2	10.5	0	135.0	\$627
LG Seeds	C1780R2	RR2Y	1.7	R	AC,PV	48.9	10.6	0	139.4	\$623
NuTech/G2 Gen	7183^	RR	1.8	R	SCE	48.7	10.5	0	139.4	\$621
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV	48.4	11.1	0	138.9	\$617
Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV	48.2	10.4	0	136.5	\$615
NorthStar	NS 1528NR2	RR2Y	1.5	R	ACi	48.1	10.8	0	138.9	\$613
Gold Country	1644	RR2Y	1.6	R	ACi	48.0	10.2	0	136.9	\$612
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV	48.0	10.7	0	137.5	\$612
Dyna-Gro	S18RY33	RR2Y	1.8	R	ACi	47.4	10.7	0	138.4	\$604
Dyna-Gro	S15RY53	RR2Y	1.5	R	ACi	47.3	10.4	0	139.4	\$603
Channel	1503R2	RR2Y	1.5	R	ACi	47.3	10.6	0	137.5	\$603
Renk	RS184NR2	RR2Y	1.8	R	None	47.1	10.5	0	139.9	\$601
Titan Pro	15M22	RR2Y	1.5	R	CMBV	47.0	10.9	0	135.5	\$599
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O	46.8	10.8	0	138.9	\$597
Stine	16RA02 §	RR2Y	1.6	R	CMB	46.7	10.3	0	137.0	\$595
Latham	L1568R2	RR2Y	1.5	R	SS+	45.6	10.6	0	138.9	\$581
LG Seeds	C1530R2	RR2Y	1.5	R	AC,PV	45.1	10.8	0	139.4	\$575
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex	45.1	10.9	0	135.5	\$575
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	56.4	10.4	0	141.8	\$719

*Mark Querna*

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Test Average = **48.4** **10.6** **0** **137.8** **\$617**  
LSD (0.10) = 6.5 0.4 ns  
C.V. = 9.9 2.4

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = \$12.75 Local GMO  
n/a Non-GMO

**TEST COMMENTS:** *This site was planted right before a May rainy period. The early-season test had a replication with less drainage (this year anyway). Soybeans in this rep were very short, lower yielding and a bit variable. Otherwise, soybeans yielded well, in spite of dry weather July through August. Leon sprayed for aphids in August. He told me that yields were all over the place this year, soybean & corn.*

† 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.

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Report date: 10/29/2013 Revised:

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 SEEDED - RATE - ROW: May 18 154,220 /A 30" Spacing  
 HARVESTED - STAND: Oct 27 138,100 /A

**Full-Season Test**  
**1.9 - 2.2 Day GRM**  
 S2013MNSC05b

**Top 30 of 45**  
 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
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	64.0	10.5	0	138.4	\$816
Hefty	H21Y11	RR2Y	2.1	MR	I	62.8	11.3	0	136.0	\$801
Gold Country	1943	RR2Y	1.9	R	ACi	61.8	10.4	0	140.8	\$788
Latham	L1985R2	RR2Y	1.9	R	SS+	61.7	10.1	0	137.9	\$787
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	60.5	11.0	0	140.8	\$771
Titan Pro	20M1	RR2Y	2.0	R	CMBV	60.3	10.1	0	137.9	\$769
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	60.3	10.6	0	137.0	\$769
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	60.2	11.0	0	137.0	\$768
Latham	L2084R2	RR2Y	2.0	R	SS+	59.8	11.2	0	138.4	\$762
Renk	RS224NR2	RR2Y	2.2	R	None	59.6	10.7	0	138.4	\$760
Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV	59.4	10.4	0	136.0	\$757
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV	59.4	10.5	0	138.9	\$757
Stine	20RD20 §	RR2Y	2.0	R	CMB	59.4	10.9	0	136.0	\$757
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	59.2	10.5	0	137.0	\$755
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi	59.0	10.3	0	137.0	\$752
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	58.8	11.0	0	140.8	\$750
Jung	1201RR2	RR2Y	2.0	R	None	58.7	10.8	0	137.5	\$748
Gold Country	2143	RR2Y	2.1	MR	ACi	58.3	11.1	0	140.4	\$743
Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV	58.2	10.8	0	139.4	\$742
Gold Country	2243	RR2Y	2.2	R	ACi	58.2	10.9	0	139.9	\$742
Titan Pro	22M12	RR2Y	2.2	R	CMBV	58.0	10.7	0	134.1	\$740
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	CMB,O	57.9	11.4	0	140.4	\$738
Channel	2105R2	RR2Y	2.1	MR	ACi	57.6	11.0	0	137.5	\$734
Mustang	21993	RR2Y	2.1	R	AC	57.0	10.0	0	138.4	\$727
Anderson	204R2Y	RR2Y	2.0	R	None	57.0	10.8	0	137.5	\$727
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV	56.8	10.9	0	135.0	\$724
Latham	L21B53R2	RR2Y	2.1	R	SS+	56.8	11.0	0	140.4	\$724
Gold Country	2040	RR2Y	2.0	R	ACi	56.7	10.3	0	134.1	\$723
Pioneer	92Y22 §	RR	2.2	R	EE,G	56.5	10.7	0	136.0	\$720
Latham	L2253R2	RR2Y	2.2	R	SS+	56.2	10.8	0	135.5	\$717
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	59.1	10.3	0	139.4	\$754

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Test Average = **56.9** **10.7** **0** **138.1** **\$726**  
 LSD (0.10) = 5.4 0.7 ns  
 C.V. = 7.0 5.0

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price =  $\frac{\$12.75}{n/a}$  Local GMO Non-GMO

**TEST COMMENTS:** *This site was planted right before a May rainy period. The early-season test had a replication with less drainage (this year anyway). Soybeans in this rep were very short, lower yielding and a bit variable. Otherwise, soybeans yielded well, in spite of dry weather July through August. Leon sprayed for aphids in August. He told me that yields were all over the place this year, soybean & corn.*

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**Early-Season Test Products (42 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Advantage	ADV1811CR2	RR2Y	1.8	R	None						
Anderson	153R2Y	RR2Y	1.5	R	None						
Anderson	162R2Y	RR2Y	1.6	R	None						
Anderson	184R2Y	RR2Y	1.8	R	None						
Asgrow	AG1431 §	RR2Y	1.4	R	ACi						
Asgrow	AG1733	RR2Y	1.7	R	ACi						
Asgrow	AG1832 §	RR2Y	1.8	MR	ACi						
Channel	1503R2	RR2Y	1.5	R	ACi						
Channel	1700R2	RR2Y	1.7	R	ACi						
Channel	1805R2	RR2Y	1.8	MR	ACi						
Dairyland	DSR-1515/R2Y	RR2Y	1.5	MR	CMB,O						
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O						
Dyna-Gro	S15RY53	RR2Y	1.5	R	ACi						
Dyna-Gro	S18RY33	RR2Y	1.8	R	ACi						
Gold Country	1644	RR2Y	1.6	R	ACi						
Hefty	H16R4	RR2Y	1.6	MR	I						
Hefty	H18Y12	RR2Y	1.8	MR	I						
Latham	L1568R2	RR2Y	1.5	R	SS+						
Latham	L1585R2	RR2Y	1.5	R	SS+						
Latham	L1783R2	RR2Y	1.7	R	SS+						
LG Seeds	C1530R2	RR2Y	1.5	R	AC,PV						
LG Seeds	C1780R2	RR2Y	1.7	R	AC,PV						
Mustang	16624	RR2Y	1.6	R	AC						
NK Brand	S18-C2 §	RR2Y	1.8	R	CMBV						
NorthStar	NS 1528NR2	RR2Y	1.5	R	ACi						
NuTech/G2 Gen	7171^	RR	1.7	R	SCE						
NuTech/G2 Gen	7183^	RR	1.8	R	SCE						
Pfister	15R29	RR2Y	1.5	R	CMB						
Pioneer	91Y81 §	RR	1.8	R	EE,G						
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV						
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMBV						
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV						
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV						
Renk	RS183NR2	RR2Y	1.8	R	CMB,O						
Renk	RS184NR2	RR2Y	1.8	R	None						
Stine	16RA02 §	RR2Y	1.6	R	CMB						
Stine	16RD02	RR2Y	1.6	R	CMB						
Titan Pro	15M22	RR2Y	1.5	R	CMBV						
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV						
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex						
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex						
Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV						

**Full-Season Test Products (45 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Advantage	ADV2184R1	RR	2.1	S	None						
Anderson	204R2Y	RR2Y	2.0	R	None						
Asgrow	AG2031 §	RR2Y	2.0	R	ACi						
Channel	2105R2	RR2Y	2.1	MR	ACi						
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	CMB,O						
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O						
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi						
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi						
Gold Country	1943	RR2Y	1.9	R	ACi						
Gold Country	2040	RR2Y	2.0	R	ACi						
Gold Country	2143	RR2Y	2.1	MR	ACi						
Gold Country	2243	RR2Y	2.2	R	ACi						
Hefty	H20R3	RR2Y	2.0	MR	I						
Hefty	H21Y11	RR2Y	2.1	MR	I						
Jung	1201RR2	RR2Y	2.0	R	None						
Jung	1212RR2	RR2Y	2.1	R	None						
Jung	1225RR2	RR2Y	2.2	R	None						
Latham	L1985R2	RR2Y	1.9	R	SS+						
Latham	L2084R2	RR2Y	2.0	R	SS+						
Latham	L21B53R2	RR2Y	2.1	R	SS+						
Latham	L2253R2	RR2Y	2.2	R	SS+						
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV						
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV						
Mustang	21993	RR2Y	2.1	R	AC						
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV						
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV						
NorthStar	NS 2199NR2	RR2Y	2.1	R	ACi						
NuTech/G2 Gen	7208^	RR	2.0	R	SCE						
NuTech/G2 Gen	7213^	RR	2.1	R	SCE						
Pioneer	91Y92 §	RR	1.9	R	EE,G						
Pioneer	92Y22 §	RR	2.2	R	EE,G						
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV						
Prairie Brand	PB-2136R2	RR2Y	2.1	R	CMBV						
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV						
Renk	RS224NR2	RR2Y	2.2	R	None						
Stine	19RA02 §	RR2Y	1.9	R	CMB						
Stine	20RD20 §	RR2Y	2.0	R	CMB						
Titan Pro	20M1	RR2Y	2.0	R	CMBV						
Titan Pro	22M12	RR2Y	2.2	R	CMBV						
Titan Pro	TP-19R23	RR2Y	1.9	MR	CMBV						
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV						
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex						
Wensman	W 3200NR2	RR2Y	2.0	R	AC,PV						
Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV						
Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV						

## 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.