

2013 Soybean Top 30 Harvest Report
 Minnesota South Central [MNSC] NICOLLET
 Wayne & Dale Bjorklund, Nicollet County, MN 56074



PREV. CROP/HERB: Corn / Harness, Roundup
 SOIL DESCRIPTION: Webster clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 4.2% OM, low SCN
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup (twice), Lorsban
 SEEDED - RATE - ROW: Jun 3 154,220 /A 30" Spacing
 HARVESTED - STAND: Oct 25 137,900 /A

Early-Season Test
1.5 - 1.8 Day CRM
 S2013MNSC08a

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
Latham	L1585R2	RR2Y	1.5	R	SS+	63.7	12.5	0	140.8	\$812
Hefty	H18Y12	RR2Y	1.8	MR	I	63.7	13.0	0	136.9	\$812
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV	63.0	13.1	0	140.4	\$803
Anderson	184R2Y	RR2Y	1.8	R	None	62.0	13.1	0	134.6	\$790
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMBV	61.8	12.8	0	137.4	\$788
LG Seeds	C1530R2	RR2Y	1.5	R	AC,PV	61.2	13.0	0	138.9	\$780
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O	60.6	13.3	0	139.9	\$772
NK Brand	S18-C2 §	RR2Y	1.8	R	CMBV	60.6	13.5	0	132.1	\$772
Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV	60.3	12.9	0	137.0	\$769
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV	60.3	13.2	0	137.9	\$769
Gold Country	1644	RR2Y	1.6	R	ACi	58.8	12.9	0	139.4	\$750
Latham	L1568R2	RR2Y	1.5	R	SS+	58.6	13.4	0	137.9	\$747
Latham	L1783R2	RR2Y	1.7	R	SS+	58.5	12.7	0	137.0	\$746
Anderson	153R2Y	RR2Y	1.5	R	None	58.4	12.7	0	139.4	\$745
Anderson	162R2Y	RR2Y	1.6	R	None	58.3	13.0	0	134.6	\$743
Titan Pro	15M22	RR2Y	1.5	R	CMBV	58.2	12.6	0	138.4	\$742
Renk	RS183NR2	RR2Y	1.8	R	CMB,O	58.1	13.7	0	140.8	\$740
Dyna-Gro	S15RY53	RR2Y	1.5	R	ACi	57.9	13.1	0	134.0	\$738
NorthStar	NS 1528NR2	RR2Y	1.5	R	ACi	57.8	12.8	0	139.4	\$737
Channel	1805R2	RR2Y	1.8	MR	ACi	57.5	12.8	0	140.3	\$733
Dyna-Gro	S18RY33	RR2Y	1.8	R	ACi	57.3	12.9	0	140.3	\$731
Asgrow	AG1733	RR2Y	1.7	R	ACi	57.1	12.7	0	141.3	\$728
Advantage	ADV1811CR2	RR2Y	1.8	R	None	57.0	13.1	0	137.0	\$727
Channel	1700R2	RR2Y	1.7	R	ACi	55.8	12.6	0	137.5	\$711
Asgrow	AG1832 §	RR2Y	1.8	MR	ACi	55.8	13.0	0	139.4	\$711
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex	55.7	12.9	0	139.9	\$710
NuTech/G2 Gen	7171^	RR	1.7	R	SCE	55.2	12.5	0	140.3	\$704
Renk	RS184NR2	RR2Y	1.8	R	None	55.2	13.5	0	141.3	\$703
Stine	16RA02 §	RR2Y	1.6	R	CMB	55.1	12.8	0	138.4	\$703
Mustang	16624	RR2Y	1.6	R	AC	53.7	12.7	0	138.4	\$685
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	56.6	12.7	0	141.3	\$722

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Test Average = **56.7** **13.0** **0** **137.9** **\$723**
 LSD (0.10) = 5.7 0.5 ns
 C.V. = 7.4 3.1

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

TEST COMMENTS: *It was very wet and cool here until the end of June, which delayed planting and hampered early season growth. July and August were quite dry and warm, and plants were tall and healthy at harvest. Yields have been above average here, but the high/low yield range for both soybeans and corn has been more pronounced this year. The Bjorklunds did spray for aphids in August.*

† 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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 SEEDED - RATE - ROW: Jun 3 154,220 /A 30" Spacing
 HARVESTED - STAND: Oct 25 138,100 /A

Full-Season Test
1.9 - 2.2 Day GRM
 S2013MNSC08b

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
Titan Pro	20M1	RR2Y	2.0	R	CMBV	64.9	13.5	0	136.5	\$827
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV	63.8	13.4	0	130.7	\$813
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	63.4	14.2	0	138.9	\$807
Latham	L1985R2	RR2Y	1.9	R	SS+	62.7	13.9	0	137.0	\$798
Jung	1212RR2	RR2Y	2.1	R	None	62.1	13.5	0	140.4	\$791
Stine	19RA02 §	RR2Y	1.9	R	CMB	62.0	13.4	0	135.5	\$790
Wensman	W 3200NR2	RR2Y	2.0	R	AC,PV	61.9	13.9	0	138.4	\$788
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	61.2	13.2	0	139.4	\$780
Gold Country	2040	RR2Y	2.0	R	ACi	61.1	13.3	0	137.5	\$779
Mustang	21993	RR2Y	2.1	R	AC	60.6	13.2	0	136.0	\$772
Anderson	204R2Y	RR2Y	2.0	R	None	60.6	13.5	0	132.6	\$772
Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV	60.6	13.6	0	137.0	\$772
Latham	L2084R2	RR2Y	2.0	R	SS+	60.5	13.8	0	139.9	\$770
Gold Country	2243	RR2Y	2.2	R	ACi	60.4	13.7	0	140.8	\$769
Hefty	H20R3	RR2Y	2.0	MR	I	60.2	13.9	0	139.4	\$766
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	60.0	14.0	0	138.9	\$764
Gold Country	2143	RR2Y	2.1	MR	ACi	59.6	13.7	0	143.3	\$759
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV	59.3	13.0	0	137.0	\$756
Latham	L2253R2	RR2Y	2.2	R	SS+	58.9	13.1	0	139.4	\$751
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi	58.7	13.1	0	136.5	\$748
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	58.5	13.3	0	132.6	\$746
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	CMB,O	58.4	14.0	0	139.4	\$743
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV	58.2	14.7	0	139.9	\$740
Gold Country	1943	RR2Y	1.9	R	ACi	57.9	13.2	0	141.8	\$738
NorthStar	NS 2199NR2	RR2Y	2.1	R	ACi	57.7	13.1	0	132.1	\$736
Stine	20RD20 §	RR2Y	2.0	R	CMB	57.6	13.9	0	137.0	\$733
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	57.5	13.1	0	141.8	\$733
Pioneer	91Y92 §	RR	1.9	R	EE,G	57.4	13.0	0	140.8	\$732
Titan Pro	22M12	RR2Y	2.2	R	CMBV	57.1	13.7	0	140.4	\$727
Latham	L21B53R2	RR2Y	2.1	R	SS+	57.0	13.5	0	137.9	\$726
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	58.5	13.4	0	138.4	\$745

Test Average = **58.3** **13.5** **0** **138.1** **\$743**
 LSD (0.10) = 5.2 0.6 ns
 C.V. = 6.6 3.0

Mark Querna

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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: *It was very wet and cool here until the end of June, which delayed planting and hampered early season growth. July and August were quite dry and warm, and plants were tall and healthy at harvest. Yields have been above average here, but the high/low yield range for both soybeans and corn has been more pronounced this year. The Bjorklunds did spray for aphids in August.*

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Report date: 10/27/2013 Revised:

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.