

2013 Soybean Top 30 Harvest Report
 Minnesota South Central [MNSC] BIRD ISLAND
 Doug Toreen, Renville County, MN 55310



PREV. CROP/HERB: Corn / Surpass, Roundup
 SOIL DESCRIPTION: Cannistee clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 7.2 pH, 4.8% OM, low SCN
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup (twice)
 SEEDED - RATE - ROW: May 24 154,220 /A 30" Spacing
 HARVESTED - STAND: Oct 10 137,400 /A

Early-Season Test
1.5 - 1.8 Day CRM
 S2013MNSC06a

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
Asgrow	AG1733	RR2Y	1.7	R	ACi	69.5	10.1	0	138.4	\$886
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMBV	67.6	10.6	0	140.3	\$862
Channel	1700R2	RR2Y	1.7	R	ACi	65.7	10.1	0	137.0	\$838
Asgrow	AG1832 §	RR2Y	1.8	MR	ACi	65.4	10.4	0	137.0	\$834
Dyna-Gro	S18RY33	RR2Y	1.8	R	ACi	64.2	10.3	0	135.5	\$819
Stine	16RA02 §	RR2Y	1.6	R	CMB	63.5	10.1	0	138.4	\$810
Stine	16RD02	RR2Y	1.6	R	CMB	63.5	10.4	0	133.6	\$810
Titan Pro	15M22	RR2Y	1.5	R	CMBV	62.7	10.3	0	137.0	\$799
Latham	L1585R2	RR2Y	1.5	R	SS+	62.7	11.0	0	138.4	\$799
NuTech/G2 Gen	7171^	RR	1.7	R	SCE	62.6	10.6	0	138.4	\$798
NK Brand	S18-C2 §	RR2Y	1.8	R	CMBV	62.4	11.1	0	135.0	\$796
Anderson	184R2Y	RR2Y	1.8	R	None	62.2	10.4	0	135.5	\$793
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	61.8	10.5	0	135.5	\$788
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex	61.8	10.8	0	138.9	\$788
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O	61.7	10.5	0	137.0	\$787
Channel	1503R2	RR2Y	1.5	R	ACi	61.3	10.4	0	137.4	\$782
LG Seeds	C1780R2	RR2Y	1.7	R	AC,PV	60.9	10.4	0	137.0	\$776
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV	60.5	10.2	0	140.3	\$771
Anderson	153R2Y	RR2Y	1.5	R	None	60.5	10.8	0	135.5	\$771
NorthStar	NS 1528NR2	RR2Y	1.5	R	ACi	60.0	10.4	0	138.4	\$765
Renk	RS183NR2	RR2Y	1.8	R	CMB,O	60.0	10.5	0	139.4	\$765
Asgrow	AG1431 §	RR2Y	1.4	R	ACi	59.9	10.2	0	136.5	\$764
Latham	L1783R2	RR2Y	1.7	R	SS+	59.9	10.2	0	135.0	\$764
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV	59.7	10.7	0	136.5	\$761
Hefty	H18Y12	RR2Y	1.8	MR	I	59.6	10.2	0	136.0	\$760
NuTech/G2 Gen	7183^	RR	1.8	R	SCE	59.6	10.5	0	137.9	\$760
Dairyland	DSR-1515/R2Y	RR2Y	1.5	MR	CMB,O	59.5	10.1	0	137.9	\$759
Channel	1805R2	RR2Y	1.8	MR	ACi	59.0	10.4	0	135.5	\$752
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV	58.6	10.5	0	136.5	\$747
Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV	57.8	10.2	0	137.0	\$737
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	64.2	10.6	0	140.3	\$819

Test Average = **59.8** **10.4** **0** **137.4** **\$762**
 LSD (0.10) = 5.5 0.5 ns
 C.V. = 6.8 3.3

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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 location missed many of the spring and early summer rains, and remained in a moisture deficit most of the year. A June 5 inch rainfall caused water saturation on part of this site, but otherwise these soybeans were in search of water all through the growing season. Doug noted at harvest that he "didn't know where the yield came from", considering the lack of rainfall.*

† 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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 HARVESTED - STAND: Oct 10 137,400 /A

Full-Season Test
1.9 - 2.2 Day GRM
 S2013MNSC06b

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
Wensman	W 3200NR2	RR2Y	2.0	R	AC,PV	76.3	10.8	0	138.4	\$973
Gold Country	2243	RR2Y	2.2	R	ACi	74.6	10.8	0	137.9	\$951
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	71.6	11.3	0	139.4	\$913
Renk	RS224NR2	RR2Y	2.2	R	None	71.0	10.8	0	134.6	\$905
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	70.1	10.7	0	138.4	\$894
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV	69.3	11.0	0	138.4	\$884
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	68.4	10.9	0	141.3	\$872
Mustang	21993	RR2Y	2.1	R	AC	68.3	10.5	0	137.9	\$871
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi	68.2	10.7	0	133.6	\$870
Jung	1201RR2	RR2Y	2.0	R	None	68.0	11.7	0	138.4	\$867
Jung	1212RR2	RR2Y	2.1	R	None	67.4	10.3	0	138.9	\$859
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	67.4	11.2	0	139.9	\$859
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV	67.1	10.2	0	136.0	\$856
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV	66.7	10.2	0	135.5	\$850
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	CMB,O	66.5	11.2	0	137.5	\$848
Stine	20RD20 §	RR2Y	2.0	R	CMB	66.5	11.7	0	137.5	\$848
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	66.0	10.5	0	141.3	\$842
Anderson	204R2Y	RR2Y	2.0	R	None	65.6	10.3	0	135.0	\$836
Hefty	H21Y11	RR2Y	2.1	MR	I	65.4	10.9	0	136.5	\$834
Prairie Brand	PB-2136R2	RR2Y	2.1	R	CMBV	65.1	10.3	0	138.4	\$830
Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV	65.1	10.6	0	139.9	\$830
Pioneer	92Y22 §	RR	2.2	R	EE,G	64.3	10.5	0	135.5	\$820
Latham	L2084R2	RR2Y	2.0	R	SS+	64.3	11.7	0	134.1	\$820
Channel	2105R2	RR2Y	2.1	MR	ACi	64.2	12.2	0	137.0	\$819
NuTech/G2 Gen	7208 ^	RR	2.0	R	SCE	63.8	10.0	0	139.9	\$813
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	63.8	10.5	0	137.9	\$813
Latham	L1985R2	RR2Y	1.9	R	SS+	62.9	10.3	0	136.0	\$802
NorthStar	NS 2199NR2	RR2Y	2.1	R	ACi	62.9	11.1	0	138.4	\$802
Titan Pro	20M1	RR2Y	2.0	R	CMBV	62.2	10.5	0	139.4	\$793
Stine	19RA02 §	RR2Y	1.9	R	CMB	61.9	10.4	0	136.0	\$789
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	60.4	10.4	0	133.1	\$770

Test Average = **64.3** **10.9** **0** **137.4** **\$820**
 LSD (0.10) = 6.4 0.8 ns
 C.V. = 7.3 5.1

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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

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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. 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® - 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	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.