

2013 Soybean Top 30 Harvest Report

Minnesota South [MNSO] KASSON
 Brian Herbst, Dodge County, MN 55944



PREV. CROP/HERB: Corn / Harness, Glyphosate, Callisto
 SOIL DESCRIPTION: Readlyn silt loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 7.1 pH, 3.8% OM, low SCN
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup (twice)
 SEEDED - RATE - ROW: Jun 3 154,220 /A 30" Spacing
 HARVESTED - STAND: Oct 13 134,900 /A

Early-Season Test
1.6 - 1.9 Day CRM
 S2013MNSO12a

Top 30 of 36
 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	77.5	11.4	0	134.5	\$756
Gold Country	2040	RR2Y	2.0	R	ACi	77.3	11.1	0	134.0	\$754
Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV	76.0	10.8	0	136.5	\$741
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV	75.7	10.9	0	134.5	\$738
Latham	L1948R2	RR2Y	1.9	R	SS+	75.5	10.7	0	134.5	\$736
LG Seeds	C1917R2	RR2Y	1.9	R	AC,PV	75.2	11.1	0	134.1	\$733
Channel	1805R2	RR2Y	1.8	MR	ACi	74.3	10.8	0	136.5	\$724
Hefty	H18Y12	RR2Y	1.8	MR	I	74.3	10.8	0	133.1	\$724
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	74.2	11.3	0	135.0	\$723
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV	73.8	10.8	0	136.0	\$720
Advantage	ADV1811CR2	RR2Y	1.8	R	None	73.6	11.0	0	134.5	\$718
NK Brand	S17-B3 §	RR2Y	1.7	R	CMBV	73.5	11.0	0	136.5	\$717
Pioneer	91Y92 §	RR	1.9	R	EE,G	73.2	11.0	0	136.0	\$714
Dyna-Gro	S19RY84	RR2Y	1.9	MR	ACi	72.5	10.8	0	132.6	\$707
Gold Country	1644	RR2Y	1.6	R	ACi	72.2	10.9	0	135.0	\$704
Renk	RS184NR2	RR2Y	1.8	R	None	72.2	11.1	0	136.0	\$704
SOI	1741NRR2Y	RR2Y	1.7	R	CMB	72.1	10.8	0	135.0	\$703
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex	72.0	10.9	0	135.5	\$702
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV	72.0	11.3	0	134.5	\$702
Latham	L1985R2	RR2Y	1.9	R	SS+	71.4	10.7	0	135.5	\$696
Stine	16RA02 §	RR2Y	1.6	R	CMB	71.2	10.9	0	136.0	\$694
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	70.9	10.5	0	134.1	\$691
Mustang	16624	RR2Y	1.6	R	AC	70.7	10.6	0	134.5	\$689
Pfister	17R27	RR2Y	1.7	R	CMB	70.4	10.8	0	135.0	\$686
Hefty	H16R4	RR2Y	1.6	MR	I	70.2	11.0	0	137.5	\$684
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O	70.1	10.9	0	136.0	\$683
Titan Pro	TP-19R23	RR2Y	1.9	MR	CMBV	70.0	10.7	0	134.1	\$683
Channel	1503R2	RR2Y	1.5	R	ACi	69.3	10.9	0	135.5	\$676
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMBV	68.4	10.7	0	134.1	\$667
Viking	1984R2N	RR2Y	1.9	R	ACi,Ex	68.4	11.3	0	135.0	\$667
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	72.3	10.7	0	134.1	\$705

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Test Average = **71.9** **10.9** **0** **134.9** **\$701**
 LSD (0.10) = 5.3 0.4 ns
 C.V. = 5.4 2.5

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = \$9.75 Local GMO
 n/a Non-GMO

TEST COMMENTS: Both this plot site and the surrounding field were planted June 3rd. Brian told me he invested very little in this field, believing yields would be below average. The 1.5 inches of rain in August, and no frost through harvest, allowed for top-end yields. Brian did spray for aphids in mid-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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 PEST MANAGEMENT: Roundup (twice)
 SEEDED - RATE - ROW: Jun 3 154,220 /A 30" Spacing
 HARVESTED - STAND: Oct 13 135,000 /A

Full-Season Test
2 - 2.3 Day GRM
 S2013MNSO12b

Top 30 of 54
 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
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV	79.9	11.4	0	136.0	\$779
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	73.8	12.2	0	134.6	\$720
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV	73.4	11.2	0	134.6	\$716
Channel	2306R2	RR2Y	2.3	R	ACi	73.4	11.3	0	136.5	\$716
Jung	1212RR2	RR2Y	2.1	R	None	72.8	10.7	0	134.1	\$710
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi	72.8	11.0	0	134.6	\$710
Stine	20RD20 §	RR2Y	2.0	R	CMB	72.8	11.2	0	135.5	\$710
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	72.6	12.6	0	133.6	\$708
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV	72.3	10.5	0	134.6	\$705
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV	71.7	11.5	0	133.6	\$699
Renk	RS213NR2	RR2Y	2.1	R	CMB,O	71.6	11.2	0	136.5	\$698
Renk	RS224NR2	RR2Y	2.2	R	None	71.5	11.2	0	135.5	\$697
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	71.5	11.5	0	132.6	\$697
Pfister	20R23	RR2Y	2.0	R	None	71.3	11.2	0	134.6	\$695
Titan Pro	23M9	RR2Y	2.3	S	CMBV	71.3	11.6	0	136.0	\$695
Channel	2105R2	RR2Y	2.1	MR	ACi	71.3	11.8	0	136.5	\$695
Kruger	K2-2301	RR2Y	2.3	S	ACi	70.9	11.7	0	136.0	\$691
Jung	1201RR2	RR2Y	2.0	R	None	70.8	11.8	0	134.6	\$690
Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV	70.4	10.7	0	134.6	\$686
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	70.4	11.4	0	136.0	\$686
Wensman	W 3256NR2	RR2Y	2.5	MR	AC,PV	70.4	12.0	0	132.6	\$686
Titan Pro	20M1	RR2Y	2.0	R	CMBV	70.3	11.0	0	135.5	\$685
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV	70.1	11.6	0	134.6	\$683
Jung	1225RR2	RR2Y	2.2	R	None	70.0	11.0	0	136.0	\$683
Latham	L2084R2	RR2Y	2.0	R	SS+	69.7	11.9	0	135.0	\$680
Latham	L2185R2	RR2Y	2.1	R	SS+	69.6	12.0	0	135.0	\$679
Gold Country	2243	RR2Y	2.2	R	ACi	69.5	11.4	0	135.5	\$678
Titan Pro	22M12	RR2Y	2.2	R	CMBV	69.1	11.4	0	135.5	\$674
Gold Country	2143	RR2Y	2.1	MR	ACi	69.0	12.0	0	134.6	\$673
Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV	68.8	10.8	0	134.6	\$671
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	72.0	11.1	0	136.0	\$702

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Test Average = **69.3** **11.2** **0** **135.0** **\$676**
 LSD (0.10) = 4.8 0.6 ns
 C.V. = 5.1 4.2

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = \$9.75 Local GMO
 n/a Non-GMO

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Report date: 10/16/2013 Revised:

Early-Season Test Products (36 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						
Asgrow	AG1733 §	RR2Y	1.7	R	ACi						
Channel	1503R2	RR2Y	1.5	R	ACi						
Channel	1805R2	RR2Y	1.8	MR	ACi						
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O						
Dyna-Gro	S19RY84	RR2Y	1.9	MR	ACi						
Gold Country	1644	RR2Y	1.6	R	ACi						
Gold Country	1943	RR2Y	1.9	R	ACi						
Gold Country	2040	RR2Y	2.0	R	ACi						
Hefty	H16R4	RR2Y	1.6	MR	I						
Hefty	H18Y12	RR2Y	1.8	MR	I						
Latham	L1948R2	RR2Y	1.9	R	SS+						
Latham	L1985R2	RR2Y	1.9	R	SS+						
LG Seeds	C1917R2	RR2Y	1.9	R	AC,PV						
Mustang	16624	RR2Y	1.6	R	AC						
NK Brand	S17-B3 §	RR2Y	1.7	R	CMBV						
NuTech/G2 Gen	7171^	RR	1.7	R	SCE						
NuTech/G2 Gen	7183^	RR	1.8	R	SCE						
Pfister	17R27	RR2Y	1.7	R	CMB						
Pioneer	91Y81 §	RR	1.8	R	EE,G						
Pioneer	91Y92 §	RR	1.9	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						
SOI	1741NRR2Y	RR2Y	1.7	R	CMB						
Stine	16RA02 §	RR2Y	1.6	R	CMB						
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV						
Titan Pro	TP-19R23	RR2Y	1.9	MR	CMBV						
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex						
Viking	1984R2N	RR2Y	1.9	R	ACi,Ex						
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex						
Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV						
Wensman	W 3200NR2	RR2Y	2.0	R	AC,PV						

Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Advantage	ADV2085CR2	RR2Y	1.7	R	None	Titan Pro	20M1	RR2Y	2.0	R	CMBV
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	Titan Pro	22M12	RR2Y	2.2	R	CMBV
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	Titan Pro	23M9	RR2Y	2.3	S	CMBV
Channel	2105R2	RR2Y	2.1	MR	ACi	Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV
Channel	2306R2	RR2Y	2.3	R	ACi	Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	CMB,O	Viking	2144R2N	RR2Y	2.1	R	None
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O	Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	Wensman	W 3256NR2	RR2Y	2.5	MR	AC,PV
Dyna-Gro	S22RY64	RR2Y	2.2	MR	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						
Hefty	H23R3	RR2Y	2.3	MR	I						
Jung	1201RR2	RR2Y	2.0	R	None						
Jung	1212RR2	RR2Y	2.1	R	None						
Jung	1225RR2	RR2Y	2.2	R	None						
Kruger	K2-2301	RR2Y	2.3	S	ACi						
Kruger	K2-2303	RR2Y	2.3	MR	ACi						
Latham	L2084R2	RR2Y	2.0	R	SS+						
Latham	L2185R2	RR2Y	2.1	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 1916NR2	RR2Y	1.9	R	ACi						
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						
Pfister	20R23	RR2Y	2.0	R	None						
Pfister	22R20	RR2Y	2.2	R	None						
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						
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV						
Renk	RS213NR2	RR2Y	2.1	R	CMB,O						
Renk	RS224NR2	RR2Y	2.2	R	None						
SOI	2013NRR2Y	RR2Y	2.0	R	CMB						
Stine	20RD20 §	RR2Y	2.0	R	CMB						
Stine	22RD00 §	RR2Y	2.2	MR	CMB						

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 Doeblers 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.