

2013 Soybean Top 30 Harvest Report
 Minnesota South [MNSO] NEW RICHLAND
 Leon Schoenrock, Waseca County, MN 56072



PREV. CROP/HERB: Corn / Durango, Laudis
 SOIL DESCRIPTION: Nicollet-Webster clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.1 pH, 4.9% OM, low SCN
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup PowerMax (twice), Arrow, Silencer
 SEEDED - RATE - ROW: Jun 3 154,220 /A 30" Spacing
 HARVESTED - STAND: Oct 24 133,900 /A

Early-Season Test
1.6 - 1.9 Day CRM
 S2013MNSO10a

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
NK Brand	S17-B3 §	RR2Y	1.7	R	CMBV	74.2	12.8	0	133.6	\$946
Channel	1805R2	RR2Y	1.8	MR	ACi	69.6	13.0	0	134.0	\$887
Gold Country	1943	RR2Y	1.9	R	ACi	69.2	12.6	0	134.5	\$882
SOI	1741NRR2Y	RR2Y	1.7	R	CMB	69.1	12.7	0	133.1	\$881
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMBV	68.6	12.9	0	135.5	\$875
Channel	1503R2	RR2Y	1.5	R	ACi	68.0	13.5	0	133.6	\$866
Stine	16RA02 §	RR2Y	1.6	R	CMB	67.3	12.7	0	134.6	\$858
Asgrow	AG1733 §	RR2Y	1.7	R	ACi	67.3	13.1	0	134.1	\$858
Gold Country	1644	RR2Y	1.6	R	ACi	67.2	12.8	0	133.6	\$857
Pfister	17R27	RR2Y	1.7	R	CMB	67.1	13.1	0	134.1	\$855
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O	66.7	12.7	0	133.6	\$850
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV	66.5	12.9	0	133.1	\$848
Wensman	W 3200NR2	RR2Y	2.0	R	AC,PV	66.4	13.2	0	135.5	\$846
Gold Country	2040	RR2Y	2.0	R	ACi	65.8	12.9	0	134.1	\$839
Viking	1984R2N	RR2Y	1.9	R	ACi,Ex	65.5	13.3	0	134.0	\$835
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex	65.1	12.9	0	134.0	\$830
Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV	65.0	12.9	0	133.6	\$829
Latham	L1948R2	RR2Y	1.9	R	SS+	64.9	12.9	0	135.0	\$827
LG Seeds	C1917R2	RR2Y	1.9	R	AC,PV	64.8	13.5	0	132.6	\$826
Mustang	16624	RR2Y	1.6	R	AC	64.6	12.8	0	133.1	\$824
Renk	RS183NR2	RR2Y	1.8	R	CMB,O	64.6	13.0	0	133.1	\$824
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV	64.6	13.2	0	135.0	\$823
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV	63.9	13.4	0	132.6	\$814
Latham	L1985R2	RR2Y	1.9	R	SS+	63.4	13.1	0	135.5	\$808
Dyna-Gro	S19RY84	RR2Y	1.9	MR	ACi	63.3	12.6	0	135.0	\$807
Titan Pro	TP-19R23	RR2Y	1.9	MR	CMBV	62.8	12.6	0	134.5	\$801
Hefty	H18Y12	RR2Y	1.8	MR	I	62.6	12.7	0	133.6	\$798
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	62.5	13.2	0	134.1	\$797
NuTech/G2 Gen	7171^	RR	1.7	R	SCE	61.7	12.8	0	134.1	\$787
Pioneer	91Y92 §	RR	1.9	R	EE,G	61.1	13.0	0	132.1	\$779
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	66.1	13.0	0	133.6	\$843

Test Average = **64.9** **13.0** **0** **133.9** **\$827**
 LSD (0.10) = 4.8 0.4 ns
 C.V. = 5.5 2.5

Mark Querna

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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: Persistent rains in April, May and June (as well as 12" snow May 2nd) delayed planting here. Despite very moist conditions at planting, this site still showed good early growth. Leon sprayed Silencer for aphids. Receiving 1" of rain in each August and September was just enough to allow these soybeans to yield well. Leon applies some P and K every fall before soybeans to maintain fertility.

† 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 PowerMax (twice), Arrow, Silencer
 SEEDED - RATE - ROW: Jun 3 154,220 /A 30" Spacing
 HARVESTED - STAND: Oct 24 134,100 /A

Full-Season Test
2 - 2.3 Day GRM
 S2013MNSO10b

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
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	73.0	13.0	0	133.6	\$931
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi	71.4	12.9	0	133.6	\$910
Stine	22RD00 §	RR2Y	2.2	MR	CMB	71.4	13.1	0	135.0	\$910
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	70.8	12.9	0	135.0	\$903
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	70.2	13.5	0	134.6	\$894
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	69.4	13.6	0	133.6	\$884
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	68.8	13.0	0	135.0	\$877
Renk	RS213NR2	RR2Y	2.1	R	CMB,O	68.5	13.6	0	134.1	\$873
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV	68.2	13.3	0	133.1	\$869
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	67.9	12.9	0	133.6	\$866
Kruger	K2-2301	RR2Y	2.3	S	ACi	67.6	13.2	0	132.1	\$862
Titan Pro	20M1	RR2Y	2.0	R	CMBV	67.4	13.2	0	134.6	\$859
Mustang	21993	RR2Y	2.1	R	AC	67.3	13.1	0	134.1	\$858
Titan Pro	22M12	RR2Y	2.2	R	CMBV	67.2	13.6	0	134.6	\$856
Gold Country	2143	RR2Y	2.1	MR	ACi	67.0	13.6	0	134.1	\$853
SOI	2013NRR2Y	RR2Y	2.0	R	CMB	66.7	13.0	0	135.0	\$850
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV	66.7	13.0	0	133.1	\$850
Prairie Brand	PB-2136R2	RR2Y	2.1	R	CMBV	66.6	12.7	0	133.6	\$849
Stine	20RD20 §	RR2Y	2.0	R	CMB	66.4	13.8	0	134.1	\$846
NuTech/G2 Gen	7213 ^	RR	2.1	R	SCE	66.2	14.0	0	134.6	\$843
Gold Country	2243	RR2Y	2.2	R	ACi	65.9	12.9	0	132.6	\$840
NK Brand	S20-T6 §	RR2Y	2.0	R	CMBV	65.9	13.1	0	133.1	\$840
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	65.9	13.4	0	134.6	\$840
NorthStar	NS 1916NR2	RR2Y	1.9	R	ACi	65.8	12.8	0	134.6	\$839
Titan Pro	23M9	RR2Y	2.3	S	CMBV	65.8	13.1	0	134.6	\$839
Advantage	ADV2085CR2	RR2Y	1.7	R	None	65.6	13.0	0	135.0	\$836
Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV	65.6	13.1	0	133.6	\$836
Kruger	K2-2303	RR2Y	2.3	MR	ACi	65.4	13.9	0	134.1	\$833
Jung	1225RR2	RR2Y	2.2	R	None	65.3	13.1	0	134.6	\$832
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	CMB,O	65.0	13.3	0	134.1	\$828
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	66.9	12.6	0	133.6	\$853


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Test Average = **65.0** **13.2** **0** **134.1** **\$828**
 LSD (0.10) = 5.2 0.4 ns
 C.V. = 5.9 2.4

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

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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 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.