

2014 Soybean Top 30 Harvest Report
 Minnesota South [MNSO] NEW RICHLAND
 Leon Schoenrock, Waseca County, MN 56072



PREV. CROP/HERB: Corn / Callisto Xtra, Roundup
 SOIL DESCRIPTION: Nicollet-Webster clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 5.9 pH, 2.8 % OM, no SCN
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup PowerMax twice
 SEEDED - RATE - ROW: May 22 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 20 133,300 /A

Early-Season Test

1.6 - 2 Day RM
 S2014MNSO11a

Top 30 of 45

For Gross Income (Sorted by 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	1.70	R	CCB	68.9	13.1	0	133.9	\$620
NK Brand	S19-Z9 §	RR2Y	1.90	R	CCB	68.6	12.8	0	132.1	\$617
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	68.4	12.7	0	133.9	\$616
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV	67.5	13.0	0	133.0	\$608
Renk	RS195NR2 GC	RR2Y	1.90	R	None	67.0	12.0	0	130.2	\$603
Pfister	19R24	RR2Y	1.90	R	CCB	66.5	12.9	0	135.8	\$599
Gold Country	1943	RR2Y	1.90	MR	ACi	66.3	12.0	0	133.0	\$597
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	66.3	12.5	0	132.1	\$597
Gold Country	1814	RR2Y	1.80	MR	ACi	66.3	12.6	0	128.4	\$597
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	66.2	12.4	0	133.9	\$596
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB	65.8	12.9	0	133.9	\$592
Wensman	W 3195NR2	RR2Y	1.90	R	AC,PV	64.6	12.6	0	133.9	\$581
Latham	L1858R2	RR2Y	1.80	R	SS+	64.4	12.4	0	131.1	\$580
Renze	18R85R2cn	RR2Y	1.80	R	CMB	64.3	12.7	0	135.7	\$579
Channel	1808R2	RR2Y	1.80	R	ACi	63.8	12.7	0	131.2	\$574
Channel	1700R2	RR2Y	1.70	R	ACi	63.5	12.1	0	135.7	\$572
Wensman	W 3170NR2	RR2Y	1.70	R	AC,PV	62.8	12.7	0	133.0	\$565
Renk	RS183NR2	RR2Y	1.80	R	None	62.8	12.9	0	133.0	\$565
Latham	L1985R2	RR2Y	1.90	R	CCB	62.7	12.2	0	133.9	\$564
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV	62.7	12.9	0	135.8	\$564
Viking	1909R2N	RR2Y	1.90	R	None	62.5	12.8	0	133.9	\$563
Asgrow	AG1733 §	RR2Y	1.70	R	ACi	62.3	12.7	0	133.0	\$561
Pfister	17R28	RR2Y	1.70	R	CCB	62.3	12.8	0	131.2	\$561
Latham	L1785R2	RR2Y	1.70	R	CCB	61.3	12.6	0	133.9	\$552
Hefty	H16R5	RR2Y	1.60	MR	DST	61.3	12.8	0	133.0	\$552
Wensman	W 3160NR2	RR2Y	1.60	R	AC,PV	61.2	13.0	0	129.3	\$551
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB	61.0	12.6	0	134.8	\$549
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV	60.7	12.9	0	133.9	\$546
Hefty	H18R5	RR2Y	1.80	MR	DST	60.6	12.6	0	135.8	\$545
Latham	L1968R2	RR2Y	1.90	R	CCB	60.6	12.8	0	131.1	\$545
Viking	2000R2N CK	RR2Y	2.00	R	CMB	69.0	12.4	0	133.9	\$621

Mark Querna

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Test Average =	62.3	12.6	0	133.3	\$561
LSD (0.10) =	6.1	0.3	ns		
LSD (0.25) =	4.2	0.2	ns		
C.V. =	7.2	1.9			

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = \$9.00 GMO / \$9.00 Non-GMO

TEST COMMENTS: This site was located on higher ground, in a field that did not have great drainage. However, it weathered almost 12" rain in June without any drownouts, and plants were taller in stature than at most other sites this year. Seed size at harvest is huge. Plant health was good, which goes to prove that soybeans respond best when weather conditions are most variable.

† See last page for abbreviation descriptions. Results in bold are significantly above test average by LSD (0.10). ns = column values not significantly different.

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 SEEDED - RATE - ROW: May 22 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 20 132,400 /A

Full-Season Test
2.1 - 2.3 Day CRM
 S2014MNSO11b

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For Gross Income (Sorted by 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
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	69.4	12.4	0	131.1	\$625
Gold Country	2114	RR2Y	2.10	MR	ACi	67.7	12.6	0	130.7	\$609
Latham	L2058R2	RR2Y	2.00	R	CCB	67.3	12.4	0	130.2	\$606
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV	66.8	12.3	0	134.3	\$601
Hefty	H20Y12	RR2Y	2.00	MR	DST	66.7	11.8	0	131.6	\$600
Latham	L2084R2	RR2Y	2.00	R	CCB	66.7	12.8	0	131.1	\$600
Titan Pro	TP-20R44	RR2Y	2.00	R	CCB	66.7	12.8	0	132.1	\$600
Channel	2108R2	RR2Y	2.10	R	ACi	66.1	12.5	0	134.3	\$595
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	65.8	12.2	0	133.4	\$592
Hefty	H20R5	RR2Y	2.00	MR	DST	65.8	12.4	0	134.8	\$592
Dyna-Gro	S20RY45	RR2Y	2.00	R	CMBV	65.6	12.5	0	133.9	\$590
Channel	2207R2	RR2Y	2.20	R	ACi	65.0	12.4	0	130.7	\$585
Advantage	ADV2014CR2	RR2Y	2.00	MR	None	65.0	12.6	0	131.1	\$585
Renk	RS213NR2	RR2Y	2.10	R	CMB	64.9	12.7	0	136.6	\$584
SOI	2097NRR2Y	RR2Y	2.00	R	None	64.4	12.3	0	132.1	\$580
Hefty	H23R5	RR2Y	2.30	MR	DST	64.2	12.4	0	136.2	\$578
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB	64.2	12.6	0	132.1	\$578
Stine	20RD20 §	RR2Y	2.00	R	None	64.1	12.6	0	131.6	\$577
Latham	L2128R2	RR2Y	2.10	R	CCB	64.0	12.5	0	130.2	\$576
Croplan	R2C2263 GC	RR2Y	2.20	R	CMBV	63.8	12.5	0	129.3	\$574
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV	63.3	12.6	0	132.1	\$570
Titan Pro	20M1	RR2Y	2.00	R	CCB	63.0	12.2	0	133.4	\$567
Anderson	205R2Y	RR2Y	2.00	R	None	62.5	12.8	0	134.3	\$563
Pfister	20R23	RR2Y	2.00	R	CCB	62.4	12.7	0	132.1	\$562
Wensman	W 3200NR2	RR2Y	2.00	R	AC,PV	62.4	12.7	0	131.6	\$562
Anderson	204R2Y	RR2Y	2.00	R	None	62.2	12.0	0	134.8	\$560
Titan Pro	22M12	RR2Y	2.20	R	CCB	62.2	12.7	0	131.1	\$560
Renze	20R04R2cn	RR2Y	2.00	R	CMB	61.9	12.7	0	132.1	\$557
Renze	22R33R2cn	RR2Y	2.20	R	CMB	61.6	11.9	0	133.0	\$554
Wensman	W 3214NR2	RR2Y	2.10	R	AC,PV	61.6	12.1	0	133.4	\$554
Viking	2000R2N CK	RR2Y	2.00	R	CMB	68.7	11.9	0	130.2	\$618

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Test Average =	62.4	12.4	0	132.4	\$562
LSD (0.10) =	6.1	0.4	ns		
LSD (0.25) =	4.3	0.3	ns		
C.V. =	7.2	2.4			

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$9.00 \text{ GMO}}{\$9.00 \text{ Non-GMO}}$

TEST COMMENTS: *This site was located on higher ground, in a field that did not have great drainage. However, it weathered almost 12" rain in June without any drownouts, and plants were taller in stature than at most other sites this year. Seed size at harvest is huge. Plant health was good, which goes to prove that soybeans respond best when weather conditions are most variable.*

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2014 Soybean - Minnesota South [MNSO]



Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Advantage	ADV1760CR2	RR2Y	1.70	MR	None						
Anderson	162R2Y	RR2Y	1.60	R	None						
Anderson	184R2Y	RR2Y	1.80	R	None						
Anderson	185R2Y	RR2Y	1.80	R	None						
Asgrow	AG1733 §	RR2Y	1.70	R	ACi						
Channel	1700R2	RR2Y	1.70	R	ACi						
Channel	1808R2	RR2Y	1.80	R	ACi						
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB						
Dyna-Gro	S18RY25	RR2Y	1.80	R	CMBV						
Dyna-Gro	S19RY84	RR2Y	1.90	MR	CMBV						
Gold Country	1741	RR2Y	1.70	R	ACi						
Gold Country	1814	RR2Y	1.80	MR	ACi						
Gold Country	1943	RR2Y	1.90	MR	ACi						
Hefty	H16R5	RR2Y	1.60	MR	DST						
Hefty	H17R5	RR2Y	1.70	MR	DST						
Hefty	H18R5	RR2Y	1.80	MR	DST						
Latham	L1785R2	RR2Y	1.70	R	CCB						
Latham	L1858R2	RR2Y	1.80	R	SS+						
Latham	L1968R2	RR2Y	1.90	R	CCB						
Latham	L1985R2	RR2Y	1.90	R	CCB						
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV						
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV						
NK Brand	S17-B3 §	RR2Y	1.70	R	CCB						
NK Brand	S19-Z9 §	RR2Y	1.90	R	CCB						
Pfister	17R28	RR2Y	1.70	R	CCB						
Pfister	19R24	RR2Y	1.90	R	CCB						
Pioneer	P19T01R §	RR	1.90	R	None						
Pioneer	P19T60R §	RR	1.90	R	None						
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV						
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV						
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV						
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV						
Renk	RS175NR2	RR2Y	1.70	R	None						
Renk	RS183NR2	RR2Y	1.80	R	None						
Renk	RS195NR2 GC	RR2Y	1.90	R	None						
Renze	18R85R2cn	RR2Y	1.80	R	CMB						
Stine	19RA02 §	RR2Y	1.90	R	None						
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB						
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB						
Viking	1707R2N	RR2Y	1.70	R	CMB						
Viking	1909R2N	RR2Y	1.90	R	None						
Viking	2000R2N CK	RR2Y	2.00	R	CMB						
Wensman	W 3160NR2	RR2Y	1.60	R	AC,PV						
Wensman	W 3170NR2	RR2Y	1.70	R	AC,PV						
Wensman	W 3195NR2	RR2Y	1.90	R	AC,PV						

2014 Soybean - Minnesota South [MNSO]



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	ADV2014CR2	RR2Y	2.00	MR	None		Titan Pro	TP-20R44	RR2Y	2.00	R	CCB	
Advantage	ADV2200CR2	RR2Y	2.20	MR	None		Titan Pro	TP-21R63	RR2Y	2.10	R	CCB	
Advantage	ADV2214R	RR	2.10	S	None		Viking	1908CNRR	RR	1.90	R	None	
Anderson	204R2Y	RR2Y	2.00	R	None		Viking	2000R2N CK	RR2Y	2.00	R	CMB	
Anderson	205R2Y	RR2Y	2.00	R	None		Viking	2144R2N	RR2Y	2.10	R	CMB	
Asgrow	AG2031 §	RR2Y	2.00	R	ACi		Viking	2301R2N	RR2Y	2.30	R	None	
Asgrow	AG2134 §	RR2Y	2.10	R	ACi		Wensman	W 3200NR2	RR2Y	2.00	R	AC,PV	
Channel	2108R2	RR2Y	2.10	R	ACi		Wensman	W 3214NR2	RR2Y	2.10	R	AC,PV	
Channel	2207R2	RR2Y	2.20	R	ACi		Wensman	W 3228NR2	RR2Y	2.20	R	AC,PV	
Channel	2306R2	RR2Y	2.30	R	ACi								
Croplan	R2C2263 GC	RR2Y	2.20	R	CMBV								
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB								
Dyna-Gro	S20RY45	RR2Y	2.00	R	CMBV								
Dyna-Gro	S20RY94	RR2Y	2.00	R	CMBV								
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV								
Gold Country	2114	RR2Y	2.10	MR	ACi								
Gold Country	2143	RR2Y	2.10	MR	ACi								
Hefty	H20R5	RR2Y	2.00	MR	DST								
Hefty	H20Y12	RR2Y	2.00	MR	DST								
Hefty	H21Y11	RR2Y	2.10	R	DST								
Hefty	H23R5	RR2Y	2.30	MR	DST								
Latham	L2058R2	RR2Y	2.00	R	CCB								
Latham	L2084R2	RR2Y	2.00	R	CCB								
Latham	L2128R2	RR2Y	2.10	R	CCB								
Latham	L2384R2	RR2Y	2.30	R	SS+								
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV								
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV								
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB								
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB								
Pfister	20R23	RR2Y	2.00	R	CCB								
Pfister	22R20	RR2Y	2.20	R	CCB								
Pioneer	92Y22 §	RR	2.20	R	EE,G								
Prairie Brand	PB-2024R2	RR2Y	2.00	R	CMBV								
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV								
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV								
Renk	RS213NR2	RR2Y	2.10	R	CMB								
Renk	RS224NR2	RR2Y	2.20	R	None								
Renze	20R04R2cn	RR2Y	2.00	R	CMB								
Renze	22R33R2cn	RR2Y	2.20	R	CMB								
SOI	2013NRR2Y	RR2Y	2.00	R	None								
SOI	2097NRR2Y	RR2Y	2.00	R	None								
Stine	20RD20 §	RR2Y	2.00	R	None								
Stine	22RD00 §	RR2Y	2.20	MR	None								
Titan Pro	20M1	RR2Y	2.00	R	CCB								
Titan Pro	22M12	RR2Y	2.20	R	CCB								

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. VPMmax® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	DST	Dominance ST
A	Allegiance®	EE	Evergol™ Energy
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	I	Inovate™ System
AM	ApronMaxx®	M	Maxim®
AP	Apron XL®	None	untreated
AVB	Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
C	Cruiser®	PV	Poncho®/Votivo®
CCB	Clariva Complete Beans	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

* Seed treatments may include unspecified plant health promoting components.