

2014 Soybean Top 30 Performance Summary for Minnesota South [MNSO]



Early-Season Test
Maturity Group 1.6 - 2.0

S2014MNSOa

Top 30 of 45
For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A ↓	Protein % ↓	Oil %	Moisture %	Lodging %	Gross Income	Easton		
												Jeffers	Kasson	New Richland
NK Brand	S17-B3 §	RR2Y	1.70	R	CCB	64.5	34.9	18.4	12.7	0	\$581	72.7	51.9	68.9
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV	63.3	35.3	18.5	12.7	0	\$570	70.0	52.5	67.5
Channel	1808R2	RR2Y	1.80	R	ACi	62.0	34.5	18.8	12.4	0	\$558	69.0	53.3	63.8
Gold Country	1814	RR2Y	1.80	MR	ACi	61.6	34.9	18.6	12.5	0	\$554	68.2	50.4	66.3
NK Brand	S19-Z9 §	RR2Y	1.90	R	CCB	61.6	34.9	18.3	13.0	0	\$554	65.5	50.7	68.6
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	61.4	34.9	18.5	12.1	0	\$553	68.2	49.8	66.3
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB	61.2	35.1	18.7	12.5	0	\$551	65.4	52.5	65.8
Latham	L1968R2	RR2Y	1.90	R	CCB	61.1	34.8	18.7	12.5	0	\$550	64.4	58.2	60.6
Latham	L1858R2	RR2Y	1.80	R	SS+	61.0	34.4	18.6	12.2	0	\$549	68.5	50.1	64.4
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	60.9	34.7	18.4	12.5	0	\$548	69.2	45.2	68.4
Wensman	W 3195NR2	RR2Y	1.90	R	AC,PV	60.5	34.9	18.2	12.5	0	\$545	68.5	48.3	64.6
Renk	RS195NR2 GC	RR2Y	1.90	R	None	60.4	35.1	18.4	12.1	0	\$544	65.1	49.1	67.0
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	60.3	34.6	18.5	12.4	0	\$543	67.8	46.8	66.2
Pfister	19R24	RR2Y	1.90	R	CCB	60.1	35.2	18.5	12.6	0	\$541	65.5	48.2	66.5
Viking	1909R2N	RR2Y	1.90	R	None	59.9	35.6	18.6	12.7	0	\$539	65.0	52.2	62.5
Hefty	H18R5	RR2Y	1.80	MR	DST	59.8	34.9	18.2	12.3	0	\$538	68.1	50.7	60.6
Anderson	185R2Y	RR2Y	1.80	R	None	58.6	34.6	18.5	12.4	0	\$527	67.1	51.9	56.7
Channel	1700R2	RR2Y	1.70	R	ACi	58.1	34.4	18.6	11.9	0	\$523	65.9	44.9	63.5
Renze	18R85R2cn	RR2Y	1.80	R	CMB	58.0	35.3	18.4	12.6	0	\$522	67.5	42.2	64.3
Latham	L1785R2	RR2Y	1.70	R	CCB	57.6	35.1	18.7	12.4	0	\$518	65.5	45.9	61.3
Gold Country	1943	RR2Y	1.90	MR	ACi	57.5	34.6	18.6	11.9	0	\$518	65.0	41.3	66.3
Latham	L1985R2	RR2Y	1.90	R	CCB	57.2	34.7	18.5	12.1	0	\$515	62.3	46.6	62.7
Pfister	17R28	RR2Y	1.70	R	CCB	56.9	34.8	18.6	12.6	0	\$512	67.4	41.0	62.3
Renk	RS175NR2	RR2Y	1.70	R	None	56.9	35.6	18.4	12.6	0	\$512	63.7	48.6	58.3
Asgrow	AG1733 §	RR2Y	1.70	R	ACi	56.0	34.8	18.9	12.5	0	\$504	60.5	45.1	62.3
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV	55.7	34.6	18.5	12.5	0	\$501	65.0	43.5	58.6
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV	55.6	35.1	18.9	12.7	0	\$500	64.1	41.9	60.7
Stine	19RA02 §	RR2Y	1.90	R	None	55.4	34.7	18.5	12.1	0	\$499	61.1	46.2	59.0
Wensman	W 3160NR2	RR2Y	1.60	R	AC,PV	55.4	35.2	19.1	12.7	0	\$499	64.7	40.3	61.2
Anderson	184R2Y	RR2Y	1.80	R	None	55.2	34.4	18.8	12.5	0	\$497	61.6	47.8	56.1
Viking	2000R2N CK	RR2Y	2.00	R	CMB	57.7	34.8	18.5	12.1	0	\$519	63.8	40.4	69.0

Test lost to severe hail damage

Mark Querna
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Test Average =	57.3	35.0	18.5	12.4	0	\$516	65.0	44.6	62.3
LSD (0.10) =	4.9	0.5	0.3	0.2	ns		4.0	8.3	6.1
LSD (0.25) =	3.4	0.4	0.2	0.2	ns		2.8	5.8	4.2

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = 0.020 Price = \$9.00 Local GMO \$9.00 Non-GMO
† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

2014 Soybean Top 30 Performance Summary for Minnesota South [MNSO]



Full-Season Test

Maturity Group 2.1 - 2.3

S2014MNSOb

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For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Easton		
												Jeffers	Kasson	New Richland
Gold Country	2114	RR2Y	2.10	MR	ACi	64.5	36.2	18.2	12.0	0	\$581	65.6	60.1	67.7
Dyna-Gro	S20RY45	RR2Y	2.00	R	CMBV	62.8	35.3	18.5	12.2	0	\$565	67.3	55.4	65.6
Channel	2108R2	RR2Y	2.10	R	ACi	62.6	35.6	18.5	11.8	0	\$563	64.6	57.0	66.1
Renk	RS213NR2	RR2Y	2.10	R	CMB	62.5	35.4	18.5	11.9	0	\$563	67.6	55.0	64.9
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	61.8	35.1	18.1	11.9	0	\$556	62.8	53.2	69.4
Titan Pro	TP-20R44	RR2Y	2.00	R	CCB	61.8	35.8	18.3	12.0	0	\$556	61.8	56.9	66.7
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	61.4	35.7	18.5	11.6	0	\$553	68.4	50.1	65.8
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB	61.1	35.0	18.1	11.9	0	\$550	66.6	52.5	64.2
Stine	20RD20 §	RR2Y	2.00	R	None	61.1	35.6	18.5	12.3	0	\$550	64.7	54.4	64.1
Latham	L2128R2	RR2Y	2.10	R	CCB	60.9	35.3	17.7	11.8	0	\$548	65.8	52.8	64.0
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV	60.4	35.2	18.6	11.9	0	\$544	65.5	54.6	61.0
Latham	L2084R2	RR2Y	2.00	R	CCB	60.2	35.4	18.6	12.2	0	\$542	63.8	50.2	66.7
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV	60.1	35.5	17.9	11.7	0	\$541	63.2	50.4	66.8
Anderson	205R2Y	RR2Y	2.00	R	None	60.0	35.8	18.4	10.8	0	\$540	67.1	50.3	62.5
Advantage	ADV2014CR2	RR2Y	2.00	MR	None	59.7	35.5	18.6	12.0	0	\$537	61.4	52.6	65.0
Pfister	20R23	RR2Y	2.00	R	CCB	59.6	35.5	18.4	12.2	0	\$536	61.0	55.5	62.4
Croplan	R2C2263 GC	RR2Y	2.20	R	CMBV	59.3	35.2	17.9	11.9	0	\$534	64.3	49.7	63.8
Hefty	H20Y12	RR2Y	2.00	MR	DST	59.1	35.4	17.4	11.3	0	\$532	63.5	47.2	66.7
Pfister	22R20	RR2Y	2.20	R	CCB	59.1	35.6	17.5	11.5	0	\$532	68.3	47.6	61.4
Hefty	H20R5	RR2Y	2.00	MR	DST	59.1	35.0	17.8	11.9	0	\$532	66.3	45.1	65.8
Dyna-Gro	S20RY94	RR2Y	2.00	R	CMBV	58.9	34.8	18.3	11.7	0	\$530	63.4	53.8	59.4
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV	58.8	36.1	17.2	11.8	0	\$529	64.2	49.0	63.3
Stine	22RD00 §	RR2Y	2.20	MR	None	58.7	35.7	17.5	11.9	0	\$528	64.6	51.5	59.9
Wensman	W 3200NR2	RR2Y	2.00	R	AC,PV	58.7	35.8	18.5	12.1	0	\$528	61.0	52.8	62.4
Renze	22R33R2cn	RR2Y	2.20	R	CMB	58.4	35.7	17.3	11.6	0	\$526	66.7	46.9	61.6
Prairie Brand	PB-2024R2	RR2Y	2.00	R	CMBV	58.4	35.4	18.5	11.9	0	\$526	64.2	51.0	59.9
Viking	2301R2N	RR2Y	2.30	R	None	57.8	34.2	18.8	11.6	0	\$520	67.0	46.0	60.4
Channel	2207R2	RR2Y	2.20	R	ACi	57.8	35.1	18.1	12.0	0	\$520	63.1	45.2	65.0
SOI	2013NRR2Y	RR2Y	2.00	R	None	57.7	34.6	18.4	11.6	0	\$519	65.7	46.9	60.5
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB	57.7	35.8	17.4	11.8	0	\$519	64.0	48.4	60.7
Viking	2000R2N CK	RR2Y	2.00	R	CMB	58.9	34.9	18.4	11.4	0	\$530	60.8	47.1	68.7

Test lost to severe hail damage

Mark Querna

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Test Average =	58.0	35.3	18.1	11.9	0	\$522	63.6	47.8	62.4
LSD (0.10) =	4.9	0.6	0.4	0.5	0		3.9	8.9	6.1
LSD (0.25) =	3.4	0.4	0.3	0.3	0		2.7	6.2	4.3

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = 0.020 Price = \$9.00 Local GMO \$9.00 Non-GMO
 † See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

Report date: 10/21/2014 Revised: 11/10/2014 Protein and oil composition results added

Additional reports available at www.firstseedtests.com.

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2014 Soybean - Minnesota South [MNSO]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN
Advantage	ADV2014CR2	RR2Y	2.00	MR
Advantage	ADV2200CR2	RR2Y	2.20	MR
Advantage	ADV2214R	RR	2.10	S
Anderson	204R2Y	RR2Y	2.00	R
Anderson	205R2Y	RR2Y	2.00	R
Asgrow	AG2031 §	RR2Y	2.00	R
Asgrow	AG2134 §	RR2Y	2.10	R
Channel	2108R2	RR2Y	2.10	R
Channel	2207R2	RR2Y	2.20	R
Channel	2306R2	RR2Y	2.30	R
Croplan	R2C2263 GC	RR2Y	2.20	R
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR
Dyna-Gro	S20RY45	RR2Y	2.00	R
Dyna-Gro	S20RY94	RR2Y	2.00	R
Dyna-Gro	S22RY64	RR2Y	2.20	MR
Gold Country	2114	RR2Y	2.10	MR
Gold Country	2143	RR2Y	2.10	MR
Hefty	H20R5	RR2Y	2.00	MR
Hefty	H20Y12	RR2Y	2.00	MR
Hefty	H21Y11	RR2Y	2.10	R
Hefty	H23R5	RR2Y	2.30	MR
Latham	L2058R2	RR2Y	2.00	R
Latham	L2084R2	RR2Y	2.00	R
Latham	L2128R2	RR2Y	2.10	R
Latham	L2384R2	RR2Y	2.30	R
LG Seeds	C2020R2	RR2Y	2.00	R
LG Seeds	C2222R2	RR2Y	2.20	R
NK Brand	S20-T6 §	RR2Y	2.00	MR
NK Brand	S22-S1 §	RR2Y	2.20	R
Pfister	20R23	RR2Y	2.00	R

Company/Brand	Product/Brand	Technol.	Mat.	SCN
Pfister	22R20	RR2Y	2.20	R
Pioneer	92Y22 §	RR	2.20	R
Prairie Brand	PB-2024R2	RR2Y	2.00	R
Prairie Brand	PB-2188R2	RR2Y	2.10	R
Prairie Brand	PB-2230R2	RR2Y	2.20	R
Renk	RS213NR2	RR2Y	2.10	R
Renk	RS224NR2	RR2Y	2.20	R
Renze	20R04R2cn	RR2Y	2.00	R
Renze	22R33R2cn	RR2Y	2.20	R
SOI	2013NRR2Y	RR2Y	2.00	R
SOI	2097NRR2Y	RR2Y	2.00	R
Stine	20RD20 §	RR2Y	2.00	R
Stine	22RD00 §	RR2Y	2.20	MR
Titan Pro	20M1	RR2Y	2.00	R
Titan Pro	22M12	RR2Y	2.20	R
Titan Pro	TP-20R44	RR2Y	2.00	R
Titan Pro	TP-21R63	RR2Y	2.10	R
Viking	1908CNRR	RR	1.90	R
Viking	2000R2N CK	RR2Y	2.00	R
Viking	2144R2N	RR2Y	2.10	R
Viking	2301R2N	RR2Y	2.30	R
Wensman	W 3200NR2	RR2Y	2.00	R
Wensman	W 3214NR2	RR2Y	2.10	R
Wensman	W 3228NR2	RR2Y	2.20	R

Company/Brand	Product/Brand	Technol.	Mat.	SCN

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. VPMa ^x x® 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®, VPMa ^x x® 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

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	C	Cruiser®	I	Inovate™ System
A	Allegiance®	CCB	Clariva Complete Beans	M	Maxim®
AC	Acceleron® fungicide products	CMB	CruiserMa ^x x® Beans	None	untreated
ACi	Acceleron® fungicide and insecticide products	CMBV	CruiserMa ^x x® Beans with Vibrance	PS	ProShield™ (Mid-Atlantic Seed)
AM	ApronMa ^x x®	DST	Dominance ST	PV	Poncho®/Votivo®
AP	Apron XL®	EE	Evergol™ Energy	SS+	Soyshield Plus™
AVB	Avicta® Complete Beans	G	Gaucho®	T	Trilex®

* Seed treatments may include unspecified plant health promoting components.