

2013 Soybean Top 30 Performance Summary for Minnesota South Central [ MNSC ]



Early-Season Test

Maturity Group 1.5 - 1.8

S2013MNSCa

Top 30 of 42

Sorted for YIELD, (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A ↓	Protein % ↓	Oil %	Moisture %	Lodging %	Gross Income	Bird Island			Nicollet	
												Madison Lake	Wabasso			
Channel	1700R2	RR2Y	1.7	R	ACi	<b>63.1</b>	33.2	<b>20.2</b>	11.1	0	\$805	<b>65.7</b>	69.1	55.8	<b>61.7</b>	
Asgrow	AG1733	RR2Y	1.7	R	ACi	61.7	33.8	<b>20.1</b>	11.2	0	\$787	<b>69.5</b>	61.5	57.1	<b>58.7</b>	
Asgrow	AG1832 §	RR2Y	1.8	MR	ACi	61.3	34.9	19.9	11.4	0	\$782	<b>65.4</b>	69.6	55.8	54.2	
NK Brand	S18-C2 §	RR2Y	1.8	R	CMBV	61.3	34.0	19.9	12.0	0	\$782	62.4	64.7	60.6	<b>57.3</b>	
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMBV	60.9	35.0	19.5	11.3	0	\$776	<b>67.6</b>	<b>70.9</b>	61.8	43.4	
Latham	L1585R2	RR2Y	1.5	R	SS+	60.9	<b>35.2</b>	19.8	11.4	0	\$776	62.7	66.0	<b>63.7</b>	51.0	
Anderson	184R2Y	RR2Y	1.8	R	None	60.9	34.1	<b>20.1</b>	11.4	0	\$776	62.2	65.4	62.0	54.1	
Channel	1805R2	RR2Y	1.8	MR	ACi	60.0	34.8	19.5	11.3	0	\$765	59.0	<b>70.0</b>	57.5	53.5	
Dairyland	DSR-1515/R2Y	RR2Y	1.5	MR	CMB,O	59.6	33.6	<b>20.4</b>	11.1	0	\$760	59.5	68.3	52.9	<b>57.7</b>	
Titan Pro	15M22	RR2Y	1.5	R	CMBV	59.3	34.6	<b>20.1</b>	11.3	0	\$756	62.7	69.4	58.2	47.0	
Hefty	H18Y12	RR2Y	1.8	MR	I	59.2	33.9	19.9	11.3	0	\$755	59.6	68.5	<b>63.7</b>	44.9	
Prairie Brand	PB-1566R2	RR2Y	1.6	R	CMBV	59.1	34.8	<b>20.1</b>	11.4	0	\$754	60.5	64.7	<b>63.0</b>	48.0	
Renk	RS183NR2	RR2Y	1.8	R	CMB,O	59.1	34.3	19.6	11.7	0	\$754	60.0	63.2	58.1	<b>55.1</b>	
Stine	16RA02 §	RR2Y	1.6	R	CMB	58.9	35.0	19.7	11.1	0	\$751	63.5	<b>70.3</b>	55.1	46.7	
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	CMB,O	58.8	34.3	19.6	11.6	0	\$750	61.7	66.2	60.6	46.8	
Dyna-Gro	S18RY33	RR2Y	1.8	R	ACi	58.6	35.0	19.4	11.4	0	\$747	64.2	65.5	57.3	47.4	
Wensman	W 3160NR2	RR2Y	1.6	R	AC,PV	58.4	34.8	<b>20.1</b>	11.3	0	\$745	57.8	67.4	60.3	48.2	
NorthStar	NS 1528NR2	RR2Y	1.5	R	ACi	57.7	34.7	<b>20.1</b>	11.4	0	\$736	60.0	64.8	57.8	48.1	
LG Seeds	C1780R2	RR2Y	1.7	R	AC,PV	57.6	35.1	19.5	11.4	0	\$734	60.9	67.6	52.8	48.9	
Viking	1707R2N	RR2Y	1.7	R	ACi,Ex	57.3	34.5	19.5	11.6	0	\$731	61.8	66.5	55.7	45.1	
Advantage	ADV1811CR2	RR2Y	1.8	R	None	57.2	34.7	<b>20.3</b>	11.3	0	\$729	53.9	64.5	57.0	53.2	
Channel	1503R2	RR2Y	1.5	R	ACi	57.2	33.1	<b>20.6</b>	11.6	0	\$729	61.3	68.2	52.0	47.3	
Prairie Brand	PB-1843R2	RR2Y	1.8	R	CMBV	56.7	34.5	19.6	11.6	0	\$723	59.7	63.5	60.3	43.2	
Anderson	153R2Y	RR2Y	1.5	R	None	56.6	34.8	19.8	11.4	0	\$722	60.5	64.2	58.4	43.3	
Titan Pro	TP-18R73	RR2Y	1.8	R	CMBV	56.6	<b>35.7</b>	19.3	11.7	0	\$722	61.8	67.1	53.6	43.9	
LG Seeds	C1530R2	RR2Y	1.5	R	AC,PV	56.4	34.8	20.0	11.5	0	\$719	55.0	64.3	61.2	45.1	
Anderson	162R2Y	RR2Y	1.6	R	None	56.3	<b>35.2</b>	19.2	11.5	0	\$718	52.6	62.2	58.3	52.2	
Prairie Brand	PB-1982R2	RR2Y	1.8	R	CMBV	56.2	<b>35.9</b>	19.2	11.7	0	\$717	58.6	67.1	50.6	48.4	
Dyna-Gro	S15RY53	RR2Y	1.5	R	ACi	56.1	35.1	20.0	11.3	0	\$715	54.3	64.8	57.9	47.3	
Gold Country	1644	RR2Y	1.6	R	ACi	56.0	<b>35.3</b>	19.3	11.3	0	\$714	52.3	64.9	58.8	48.0	
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	61.1	33.9	19.9	11.3	0	\$779	64.2	67.3	56.6	<b>56.4</b>	
Test Average =						<b>57.6</b>	<b>34.6</b>	<b>19.8</b>	<b>11.4</b>	<b>0</b>	<b>\$734</b>	<b>59.8</b>	<b>65.2</b>	<b>56.7</b>	<b>48.4</b>	
LSD (0.10) =						4.5	0.6	0.3	0.2	ns		5.5	4.6	5.7	<b>6.5</b>	

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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

† 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; ‡ = 2 reps.

Report date: 10/29/2013 Revised: 12/18/2013 Protein and oil results added

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2013 Soybean Top 30 Performance Summary for Minnesota South Central [ MNSC ]



Full-Season Test

Maturity Group 1.9 - 2.2

S2013MNSCb

Top 30 of 45

Sorted for YIELD, (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Replication Average			
												Bird Island	Nicollet	Wabasso	
Gold Country	2243	RR2Y	2.2	R	ACi	65.6	35.1	18.7	11.7	0	\$836	74.6	69.1	60.4	58.2
Wensman	W 3200NR2	RR2Y	2.0	R	AC,PV	65.3	34.9	19.7	11.9	0	\$833	76.3	67.5	61.9	55.6
LG Seeds	C2050R2	RR2Y	2.0	R	AC,PV	64.8	35.5	19.5	11.4	0	\$826	66.7	69.2	63.8	59.4
Latham	L1985R2	RR2Y	1.9	R	SS+	64.6	33.5	19.9	11.5	0	\$824	62.9	71.0	62.7	61.7
Titan Pro	20M1	RR2Y	2.0	R	CMBV	64.2	33.3	19.9	11.4	0	\$819	62.2	69.3	64.9	60.3
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	64.2	34.9	18.5	11.5	0	\$819	70.1	64.0	58.5	64.0
Prairie Brand	PB-2024R2	RR2Y	2.0	R	CMBV	64.1	34.0	19.9	12.1	0	\$817	71.6	64.4	60.0	60.5
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	63.8	35.1	18.6	11.7	0	\$813	68.4	65.3	61.2	60.2
Dyna-Gro	S20RY94	RR2Y	2.0	R	ACi	63.6	33.3	19.6	11.7	0	\$811	63.8	67.9	63.4	59.2
Dyna-Gro	S22RY64	RR2Y	2.2	MR	ACi	63.3	34.8	18.6	11.4	0	\$807	68.2	67.1	58.7	59.0
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV	63.1	34.9	18.7	11.6	0	\$805	69.3	66.9	59.3	56.8
Latham	L2084R2	RR2Y	2.0	R	SS+	63.0	35.0	19.6	12.2	0	\$803	64.3	67.3	60.5	59.8
Mustang	21993	RR2Y	2.1	R	AC	62.8	35.3	18.4	11.3	0	\$801	68.3	65.2	60.6	57.0
Stine	20RD20 §	RR2Y	2.0	R	CMB	62.7	34.6	19.8	12.1	0	\$799	66.5	67.4	57.6	59.4
Asgrow	AG2031 §	RR2Y	2.0	R	ACi	62.3	35.1	19.2	11.9	0	\$794	67.4	65.2	56.3	60.3
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	CMB,O	62.1	33.9	19.8	12.2	0	\$792	66.5	65.6	58.4	57.9
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	62.0	34.9	18.6	11.5	0	\$791	66.0	65.8	57.5	58.8
Gold Country	2040	RR2Y	2.0	R	ACi	62.0	34.8	19.6	11.6	0	\$791	60.7	69.6	61.1	56.7
Wensman	W 3222NR2	RR2Y	2.2	R	AC,PV	62.0	34.5	19.6	11.8	0	\$791	60.4	68.9	60.6	58.2
Anderson	204R2Y	RR2Y	2.0	R	None	61.9	34.3	19.0	11.6	0	\$789	65.6	64.2	60.6	57.0
Renk	RS224NR2	RR2Y	2.2	R	None	61.7	35.0	18.8	11.5	0	\$787	71.0	62.2	54.1	59.6
Gold Country	1943	RR2Y	1.9	R	ACi	61.6	33.3	20.0	11.4	0	\$785	59.0	67.5	57.9	61.8
Jung	1212RR2	RR2Y	2.1	R	None	61.6	34.6	18.9	11.5	0	\$785	67.4	62.3	62.1	54.5
Latham	L21B53R2	RR2Y	2.1	R	SS+	61.5	34.5	19.2	11.8	0	\$784	61.9	70.1	57.0	56.8
Wensman	W 3214NR2	RR2Y	2.1	R	AC,PV	61.3	35.2	18.6	11.4	0	\$782	65.1	65.5	55.3	59.4
Stine	19RA02 §	RR2Y	1.9	R	CMB	61.3	33.8	19.8	11.5	0	\$782	61.9	65.9	62.0	55.4
Hefty	H21Y11	RR2Y	2.1	MR	I	61.3	33.9	19.8	12.1	0	\$782	65.4	61.0	55.9	62.8
Jung	1201RR2	RR2Y	2.0	R	None	60.9	34.7	19.7	12.1	0	\$776	68.0	63.9	53.1	58.7
Channel	2105R2	RR2Y	2.1	MR	ACi	60.8	35.3	18.9	12.4	0	\$775	64.2	65.6	55.8	57.6
Gold Country	2143	RR2Y	2.1	MR	ACi	60.7	35.2	19.1	12.8	0	\$774	58.3	66.4	59.6	58.3
Viking	2000R2N CK	RR2Y	2.0	R	ACi,Ex	61.8	33.8	19.8	11.5	0	\$788	60.4	69.1	58.5	59.1

*Mark Querna*

Test Average = **61.4** **34.6** **19.3** **11.7** **0** **\$783** **64.3** **65.9** **58.3** **56.9**  
 LSD (0.10) = 3.8 0.6 0.3 0.4 ns 6.4 3.9 5.2 **5.4**

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**Early-Season Test Products (42 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Company/Brand	Product/Brand	Technol.	Mat.	SCN
Advantage	ADV1811CR2	RR2Y	1.8	R	Prairie Brand	PB-1722R2	RR2Y	1.7	R					
Anderson	153R2Y	RR2Y	1.5	R	Prairie Brand	PB-1843R2	RR2Y	1.8	R					
Anderson	162R2Y	RR2Y	1.6	R	Prairie Brand	PB-1982R2	RR2Y	1.8	R					
Anderson	184R2Y	RR2Y	1.8	R	Renk	RS183NR2	RR2Y	1.8	R					
Asgrow	AG1431 §	RR2Y	1.4	R	Renk	RS184NR2	RR2Y	1.8	R					
Asgrow	AG1733	RR2Y	1.7	R	Stine	16RA02 §	RR2Y	1.6	R					
Asgrow	AG1832 §	RR2Y	1.8	MR	Stine	16RD02	RR2Y	1.6	R					
Channel	1503R2	RR2Y	1.5	R	Titan Pro	15M22	RR2Y	1.5	R					
Channel	1700R2	RR2Y	1.7	R	Titan Pro	TP-18R73	RR2Y	1.8	R					
Channel	1805R2	RR2Y	1.8	MR	Viking	1707R2N	RR2Y	1.7	R					
Dairyland	DSR-1515/R2Y	RR2Y	1.5	MR	Viking	2000R2N CK	RR2Y	2.0	R					
Dairyland	DSR-1808/R2Y	RR2Y	1.8	R	Wensman	W 3160NR2	RR2Y	1.6	R					
Dyna-Gro	S15RY53	RR2Y	1.5	R										
Dyna-Gro	S18RY33	RR2Y	1.8	R										
Gold Country	1644	RR2Y	1.6	R										
Hefty	H16R4	RR2Y	1.6	MR										
Hefty	H18Y12	RR2Y	1.8	MR										
Latham	L1568R2	RR2Y	1.5	R										
Latham	L1585R2	RR2Y	1.5	R										
Latham	L1783R2	RR2Y	1.7	R										
LG Seeds	C1530R2	RR2Y	1.5	R										
LG Seeds	C1780R2	RR2Y	1.7	R										
Mustang	16624	RR2Y	1.6	R										
NK Brand	S18-C2 §	RR2Y	1.8	R										
NorthStar	NS 1528NR2	RR2Y	1.5	R										
NuTech/G2 Gen	7171^	RR	1.7	R										
NuTech/G2 Gen	7183^	RR	1.8	R										
Pfister	15R29	RR2Y	1.5	R										
Pioneer	91Y81 §	RR	1.8	R										
Prairie Brand	PB-1566R2	RR2Y	1.6	R										

2013 Soybean - Minnesota South Central [ MNSC ]



**Full-Season Test Products (45 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Company/Brand	Product/Brand	Technol.	Mat.	SCN
Advantage	ADV2184R1	RR	2.1	S	Pioneer	92Y22 \$	RR	2.2	R					
Anderson	204R2Y	RR2Y	2.0	R	Prairie Brand	PB-2024R2	RR2Y	2.0	R					
Asgrow	AG2031 \$	RR2Y	2.0	R	Prairie Brand	PB-2136R2	RR2Y	2.1	R					
Channel	2105R2	RR2Y	2.1	MR	Prairie Brand	PB-2230R2	RR2Y	2.1	R					
Dairyland	DSR-2105/R2Y	RR2Y	2.1	R	Renk	RS224NR2	RR2Y	2.2	R					
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	Stine	19RA02 \$	RR2Y	1.9	R					
Dyna-Gro	S20RY94	RR2Y	2.0	R	Stine	20RD20 \$	RR2Y	2.0	R					
Dyna-Gro	S22RY64	RR2Y	2.2	MR	Titan Pro	20M1	RR2Y	2.0	R					
Gold Country	1943	RR2Y	1.9	R	Titan Pro	22M12	RR2Y	2.2	R					
Gold Country	2040	RR2Y	2.0	R	Titan Pro	TP-19R23	RR2Y	1.9	MR					
Gold Country	2143	RR2Y	2.1	MR	Titan Pro	TP-21R63	RR2Y	2.1	MR					
Gold Country	2243	RR2Y	2.2	R	Viking	2000R2N CK	RR2Y	2.0	R					
Hefty	H20R3	RR2Y	2.0	MR	Wensman	W 3200NR2	RR2Y	2.0	R					
Hefty	H21Y11	RR2Y	2.1	MR	Wensman	W 3214NR2	RR2Y	2.1	R					
Jung	1201RR2	RR2Y	2.0	R	Wensman	W 3222NR2	RR2Y	2.2	R					
Jung	1212RR2	RR2Y	2.1	R										
Jung	1225RR2	RR2Y	2.2	R										
Latham	L1985R2	RR2Y	1.9	R										
Latham	L2084R2	RR2Y	2.0	R										
Latham	L21B53R2	RR2Y	2.1	R										
Latham	L2253R2	RR2Y	2.2	R										
LG Seeds	C2050R2	RR2Y	2.0	R										
LG Seeds	C2222R2	RR2Y	2.2	R										
Mustang	21993	RR2Y	2.1	R										
NK Brand	S20-T6 \$	RR2Y	2.0	R										
NK Brand	S22-F8 \$	RR2Y	2.2	S										
NorthStar	NS 2199NR2	RR2Y	2.1	R										
NuTech/G2 Gen	7208^	RR	2.0	R										
NuTech/G2 Gen	7213^	RR	2.1	R										
Pioneer	91Y92 \$	RR	1.9	R										

## 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

Conv	Conventional, non-GMO
LL	LibertyLink®
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonyleurea 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	CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
A	Allegiance®	CMBV	CruiserMaxx® Beans with Vibrance	RS	Right Stand™
AC	Acceleron® fungicide products	DPHB	DPH Boost™	SCE	SmartCote™ Extra
ACi	Acceleron® fungicide and insecticide products	EE	Evergol™ Energy	SDPI	Servo DPI
AM	ApronMaxx®	Ex	Excalibre™	SS+	Soyshield Plus™
AP	Apron XL®	G	Gauche®	SStd	SureStand™
AVB	Avicta® Complete Beans	I	Inovate™ System	T	Trilex®
C	Cruiser®	None	untreated		
CC	CurryCoat™	O	Optimize®		

\* Seed treatments may include unspecified plant health promoting components.

