

**2014 Soybean Top 30 Harvest Report**  
 Minnesota South Central [ MNSC ] BIRD ISLAND  
 Doug Toreen, Renville County, MN 55310



PREV. CROP/HERB: Corn / Surpass, Roundup  
 SOIL DESCRIPTION: Cannisteeo clay loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 7.2 pH, 4.8 % OM, medium SCN  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Roundup  
 SEEDED - RATE - ROW: May 16 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 14 128,600 /A

**Early-Season Test**  
**1.5 - 1.8 Day RM**  
 S2014MNSC05a

**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
Anderson	185R2Y	RR2Y	1.80	R	None	<b>41.9</b>	11.5	0	127.5	\$377
NK Brand	S15-P1 §	RR2Y	1.50	MR	CMBV	<b>41.8</b>	11.9	0	133.9	\$376
Channel	1700R2	RR2Y	1.70	R	ACi	<b>41.7</b>	10.8	0	129.3	\$375
Wensman	W 3158NR2	RR2Y	1.50	R	AC,PV	39.3	11.6	0	130.2	\$354
Channel	1808R2	RR2Y	1.80	R	ACi	38.2	11.1	0	127.5	\$344
Anderson	175R2Y	RR2Y	1.70	R	None	37.4	11.5	0	127.5	\$337
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	37.2	10.5	0	131.1	\$335
Channel	1508R2	RR2Y	1.50	R	ACi	37.2	11.2	0	130.3	\$335
Gold Country	1414	RR2Y	1.40	R	ACi	37.1	11.4	0	123.8	\$334
Titan Pro	15M22	RR2Y	1.50	R	CMBV	37.0	11.4	0	127.5	\$333
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV	36.9	11.3	0	124.7	\$332
Gold Country	1814	RR2Y	1.80	MR	ACi	36.6	11.2	0	127.5	\$329
Latham	E1882R2	RR2Y	1.80	R	SS+	36.4	11.3	0	130.3	\$328
Gold Country	1514	RR2Y	1.50	MR	ACi	36.3	11.0	0	131.1	\$327
Asgrow	AG1733 §	RR2Y	1.70	R	ACi	36.3	11.1	0	130.2	\$327
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	36.0	11.0	0	126.6	\$324
Anderson	162R2Y	RR2Y	1.60	R	None	35.9	10.9	0	127.5	\$323
Viking	1522R2N	RR2Y	1.50	R	CMB	35.3	10.8	0	125.7	\$318
Channel	1308R2	RR2Y	1.30	R	ACi	35.2	10.8	0	129.3	\$317
Latham	L1858R2	RR2Y	1.80	R	SS+	35.1	10.8	0	128.4	\$316
Pfister	17R28	RR2Y	1.70	R	CCB	34.8	10.8	0	130.3	\$313
Dairyland	DST15-007/R2Y	RR2Y	1.50	MR	CMB	34.8	10.9	0	130.2	\$313
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV	34.3	10.5	0	126.6	\$309
Prairie Brand	PB-1466R2	RR2Y	1.40	R	CMBV	33.9	10.9	0	128.4	\$305
Pioneer	P19T60R §	RR	1.90	R	None	33.5	11.0	0	122.9	\$302
Renk	RS175NR2	RR2Y	1.70	R	None	33.5	11.5	0	128.4	\$302
Gold Country	1741	RR2Y	1.70	R	ACi	33.2	10.4	0	128.4	\$299
Hefty	H15R5	RR2Y	1.50	MR	DST	32.9	10.6	0	129.3	\$296
Anderson	153R2Y	RR2Y	1.50	R	None	32.9	10.6	0	131.2	\$296
Dyna-Gro	S18RY25	RR2Y	1.80	R	CMBV	32.7	11.2	0	133.0	\$294
Viking	2000R2N CK	RR2Y	2.00	R	CMB	36.4	10.9	0	126.6	\$328

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Test Average =	<b>34.0</b>	<b>10.8</b>	<b>0</b>	<b>128.6</b>	<b>\$306</b>
LSD (0.10) =	6.4	0.8	ns		
LSD (0.25) =	4.4	0.6	ns		
C.V. =	13.8	5.6			

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

**TEST COMMENTS:** *This site demonstrates the fact that soybeans do not like wet feet. Doug states that he received 12 inches of rain in June, and very little the rest of the growing season. Add in heavy SCN pressure, as well as broadleaf weed pressure, and the resulting yield was very low and inconsistent. Use these results with caution. A nearby field that was more intensely pattern tiled averaged 54 bu/acre.*

† 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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Report date: 10/15/2014 Revised:

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 HARVESTED - STAND: Oct 14 129,000 /A

**Full-Season Test**  
**1.9 - 2.2 Day CRM**  
 S2014MNSC05b

**Top 30 of 54**

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
Pioneer	P22T69R §	RR	2.20	R	EE,G	34.7	12.1	0	129.3	\$312
Hefty	H20R5	RR2Y	2.00	MR	DST	34.5	10.5	0	125.6	\$311
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV	34.4	10.9	0	130.2	\$310
Latham	L2253R2	RR2Y	2.20	R	CCB	33.9	9.4	0	127.5	\$305
Stine	22RD00 §	RR2Y	2.20	MR	None	32.7	10.3	0	130.2	\$294
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB	32.1	10.4	0	125.6	\$289
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB	31.9	9.6	0	130.2	\$287
Channel	1901R2	RR2Y	1.90	R	ACi	31.5	10.4	0	128.4	\$284
Gold Country	2114	RR2Y	2.10	MR	ACi	31.5	10.6	0	129.3	\$284
Pfister	22R20	RR2Y	2.20	R	CCB	29.9	10.1	0	131.1	\$269
Dyna-Gro	S20RY94	RR2Y	2.00	R	CMBV	29.7	9.8	0	129.3	\$267
Renk	RS224NR2	RR2Y	2.20	R	None	29.4	10.2	0	124.7	\$265
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV	29.1	10.5	0	130.2	\$262
Viking	1909R2N	RR2Y	1.90	R	None	29.1	10.7	0	126.6	\$262
Stine	19RA02 §	RR2Y	1.90	R	None	28.9	9.7	0	133.0	\$260
Croplan	R2C2263 GC	RR2Y	2.20	R	CMBV	28.9	9.9	0	129.3	\$260
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	28.7	9.9	0	130.2	\$258
Hefty	H21Y11	RR2Y	2.10	R	DST	28.5	10.2	0	129.3	\$257
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB	28.1	9.9	0	135.7	\$253
Asgrow	AG2134 §	RR2Y	2.10	R	ACi	27.8	9.7	0	133.9	\$250
Latham	L1968R2	RR2Y	1.90	R	CCB	27.7	10.1	0	128.4	\$249
Dyna-Gro	S20RY45	RR2Y	2.00	R	CMBV	27.7	10.2	0	128.4	\$249
Pfister	19R24	RR2Y	1.90	R	CCB	27.5	10.2	0	124.7	\$248
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	27.5	10.3	0	126.6	\$248
Gold Country	1943	RR2Y	1.90	MR	ACi	27.3	9.5	0	129.3	\$246
Titan Pro	TP-21R63	RR2Y	2.10	R	CCB	27.3	10.0	0	127.5	\$246
Viking	2144R2N	RR2Y	2.10	R	CMB	26.9	9.7	0	128.4	\$242
Gold Country	2143	RR2Y	2.10	MR	ACi	26.9	10.5	0	130.2	\$242
Channel	2207R2	RR2Y	2.20	R	ACi	26.8	10.2	0	133.0	\$241
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV	26.5	9.8	0	126.6	\$239
Viking	2000R2N CK	RR2Y	2.00	R	CMB	25.6	9.4	0	129.3	\$230

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Test Average =	26.7	9.9	0	129.0	\$240
LSD (0.10) =	6.4	1.2	ns		
LSD (0.25) =	4.5	0.8	ns		
C.V. =	17.8	8.8			

**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 demonstrates the fact that soybeans do not like wet feet. Doug states that he received 12 inches of rain in June, and very little the rest of the growing season. Add in heavy SCN pressure, as well as broadleaf weed pressure, and the resulting yield was very low and inconsistent. Use these results with caution. A nearby field that was more intensely pattern tiled averaged 54 bu/acre.*

† 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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2014 Soybean - Minnesota South Central [ MNSC ]



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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Anderson	153R2Y	RR2Y	1.50	R	None						
Anderson	162R2Y	RR2Y	1.60	R	None						
Anderson	175R2Y	RR2Y	1.70	R	None						
Anderson	185R2Y	RR2Y	1.80	R	None						
Asgrow	AG1733 §	RR2Y	1.70	R	ACi						
Channel	1308R2	RR2Y	1.30	R	ACi						
Channel	1508R2	RR2Y	1.50	R	ACi						
Channel	1700R2	RR2Y	1.70	R	ACi						
Channel	1808R2	RR2Y	1.80	R	ACi						
Dairyland	DSR-1515/R2Y	RR2Y	1.50	MR	CMB						
Dairyland	DST15-007/R2Y	RR2Y	1.50	MR	CMB						
Dyna-Gro	S18RY25	RR2Y	1.80	R	CMBV						
Gold Country	1414	RR2Y	1.40	R	ACi						
Gold Country	1514	RR2Y	1.50	MR	ACi						
Gold Country	1741	RR2Y	1.70	R	ACi						
Gold Country	1814	RR2Y	1.80	MR	ACi						
Hefty	H15R5	RR2Y	1.50	MR	DST						
Hefty	H16R5	RR2Y	1.60	MR	DST						
Hefty	H17R5	RR2Y	1.70	MR	DST						
Hefty	H18R5	RR2Y	1.80	MR	DST						
Latham	E1882R2	RR2Y	1.80	R	SS+						
Latham	L1538R2	RR2Y	1.50	R	CCB						
Latham	L1785R2	RR2Y	1.70	R	CCB						
Latham	L1858R2	RR2Y	1.80	R	SS+						
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV						
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV						
NK Brand	S15-P1 §	RR2Y	1.50	MR	CMBV						
NorthStar	NS 1800NR2	RR2Y	1.80	R	CCB						
Pfister	15R28	RR2Y	1.50	R	CCB						
Pfister	17R28	RR2Y	1.70	R	CCB						
Pioneer	P19T60R §	RR	1.90	R	None						
Prairie Brand	PB-1466R2	RR2Y	1.40	R	CMBV						
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV						
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV						
Renk	RS175NR2	RR2Y	1.70	R	None						
Renk	RS183NR2	RR2Y	1.80	R	None						
Titan Pro	15M22	RR2Y	1.50	R	CMBV						
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB						
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB						
Viking	1522R2N	RR2Y	1.50	R	CMB						
Viking	1707R2N	RR2Y	1.70	R	CMB						
Viking	2000R2N CK	RR2Y	2.00	R	CMB						
Wensman	W 3158NR2	RR2Y	1.50	R	AC,PV						
Wensman	W 3160NR2	RR2Y	1.60	R	AC,PV						
Wensman	W 3170NR2	RR2Y	1.70	R	AC,PV						

2014 Soybean - Minnesota South Central [ MNSC ]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt
Anderson	204R2Y	RR2Y	2.00	R	None		Titan Pro	TP-21R63	RR2Y	2.10	R	CCB	
Anderson	205R2Y	RR2Y	2.00	R	None		Viking	1908CNRR	RR	1.90	R	None	
Asgrow	AG2031 §	RR2Y	2.00	R	ACi		Viking	1909R2N	RR2Y	1.90	R	None	
Asgrow	AG2134 §	RR2Y	2.10	R	ACi		Viking	2000R2N CK	RR2Y	2.00	R	CMB	
Channel	1901R2	RR2Y	1.90	R	ACi		Viking	2144R2N	RR2Y	2.10	R	CMB	
Channel	2108R2	RR2Y	2.10	R	ACi		Wensman	W 3195NR2	RR2Y	1.90	R	AC,PV	
Channel	2207R2	RR2Y	2.20	R	ACi		Wensman	W 3200NR2	RR2Y	2.00	R	AC,PV	
Croplan	R2C2263 GC	RR2Y	2.20	R	CMBV		Wensman	W 3214NR2	RR2Y	2.10	R	AC,PV	
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB		Wensman	W 3228NR2	RR2Y	2.20	R	AC,PV	
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	1943	RR2Y	1.90	MR	ACi								
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								
Latham	L1968R2	RR2Y	1.90	R	CCB								
Latham	L2084R2	RR2Y	2.00	R	CCB								
Latham	L2128R2	RR2Y	2.10	R	CCB								
Latham	L2253R2	RR2Y	2.20	R	CCB								
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								
NorthStar	NS 2199NR2	RR2Y	2.10	R	CCB								
Pfister	19R24	RR2Y	1.90	R	CCB								
Pfister	20R23	RR2Y	2.00	R	CCB								
Pfister	22R20	RR2Y	2.20	R	CCB								
Pioneer	92Y22 §	RR	2.20	R	EE,G								
Pioneer	P19T01R §	RR	1.90	R	None								
Pioneer	P22T69R §	RR	2.20	R	EE,G								
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV								
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV								
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV								
Renk	RS213NR2	RR2Y	2.10	R	CMB								
Renk	RS224NR2	RR2Y	2.20	R	None								
Stine	19RA02 §	RR2Y	1.90	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								
Titan Pro	TP-20R44	RR2Y	2.00	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.