

2014 Soybean Top 30 Harvest Report
 Minnesota South Central [MNSC] MADISON LAKE
 Mike Krenik, Le Sueur County, MN 56063



Test by: IMQ, LLC, New Richland, MN

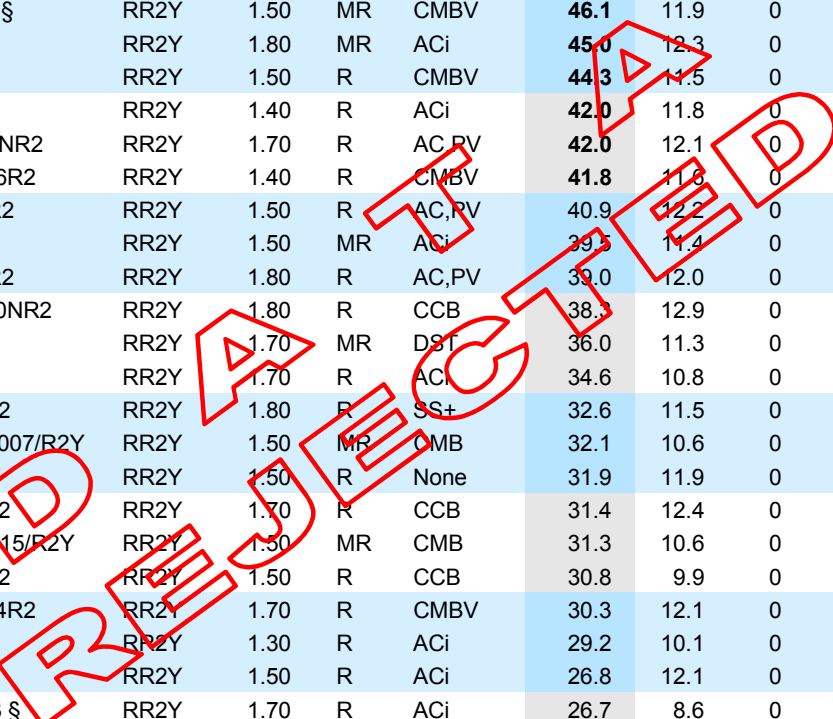
PREV. CROP/HERB: Corn / Steadfast, Callisto
 SOIL DESCRIPTION: LeSuer-Cordova clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 5.2 % OM, no SCN
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Flexstar, Touchdown, Endigo
 SEEDED - RATE - ROW: Jun 5 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 21 79,600 /A

Early-Season Test
1.5 - 1.8 Day RM
 S2014MNSC08a

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
Wensman	W 3160NR2	RR2Y	1.60	R	AC,PV	54.3	11.6	0	129.8	\$489
Viking	1522R2N	RR2Y	1.50	R	CMB	51.8	11.2	0	116.5	\$466
Channel	1808R2	RR2Y	1.80	R	ACi	47.5	11.8	0	120.1	\$428
NK Brand	S15-P1 §	RR2Y	1.50	MR	CMBV	46.1	11.9	0	121.0	\$415
Gold Country	1814	RR2Y	1.80	MR	ACi	45.0	12.3	0	107.7	\$405
Titan Pro	15M22	RR2Y	1.50	R	CMBV	44.3	11.5	0	113.7	\$399
Gold Country	1414	RR2Y	1.40	R	ACi	42.0	11.8	0	101.8	\$378
Wensman	W 3170NR2	RR2Y	1.70	R	AC,PV	42.0	12.1	0	122.9	\$378
Prairie Brand	PB-1466R2	RR2Y	1.40	R	CMBV	41.8	11.8	0	110.0	\$376
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV	40.9	12.2	0	123.4	\$368
Gold Country	1514	RR2Y	1.50	MR	ACi	39.5	11.4	0	112.3	\$356
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	39.0	12.0	0	100.9	\$351
NorthStar	NS 1800NR2	RR2Y	1.80	R	CCB	38.3	12.9	0	119.7	\$345
Hefty	H17R5	RR2Y	1.70	MR	DST	36.0	11.3	0	103.2	\$324
Gold Country	1741	RR2Y	1.70	R	ACi	34.6	10.8	0	84.8	\$311
Latham	L1858R2	RR2Y	1.80	R	SS+	32.6	11.5	0	103.2	\$293
Dairyland	DST15-007/R2Y	RR2Y	1.50	MR	CMB	32.1	10.6	0	87.1	\$289
Anderson	153R2Y	RR2Y	1.50	R	None	31.9	11.9	0	104.1	\$287
Latham	L1785R2	RR2Y	1.70	R	CCB	31.4	12.4	0	94.0	\$283
Dairyland	DSR-1515/R2Y	RR2Y	1.50	MR	CMB	31.3	10.6	0	89.4	\$282
Latham	L1538R2	RR2Y	1.50	R	CCB	30.8	9.9	0	82.5	\$277
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV	30.3	12.1	0	87.1	\$273
Channel	1308R2	RR2Y	1.30	R	ACi	29.2	10.1	0	89.4	\$263
Channel	1508R2	RR2Y	1.50	R	ACi	26.8	12.1	0	91.2	\$241
Asgrow	AG1733 §	RR2Y	1.70	R	ACi	26.7	8.6	0	68.8	\$240
Wensman	W 3158NR2	RR2Y	1.50	R	AC,PV	26.2	11.3	0	67.4	\$236
Hefty	H18R5	RR2Y	1.80	MR	DST	26.0	12.5	0	57.3	\$234
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	25.0	12.3	0	71.1	\$225
Pfister	15R28	RR2Y	1.50	R	CCB	24.4	11.3	0	69.2	\$220
Latham	E1882R2	RR2Y	1.80	R	SS+	24.3	11.3	0	66.5	\$219
Viking	2000R2N CK	RR2Y	2.00	R	CMB	27.3	13.4	0	76.6	\$245



Mark Querna

Mark Querna
 mark.querna@firstseedtests.com, (507) 380-9920

Test Average =	29.6	10.8	0	79.6	\$267
LSD (0.10) =	12.0	3.5	ns		
LSD (0.25) =	8.4	2.5	ns		
C.V. =	29.9	24.0			

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 was wet from early spring through mid-July. Two attempts made by a custom applicator to apply post herbicides to this site proved unsuccessful. Resulting weed escapes severely impacted the yield potential of this site. Several individual plots also had severe stunting and low final stands due to excess moisture all season. These poor quality results are unreliable, thus rejected.*

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

Additional reports available at www.firstseedtests.com

AgSCI Copyright 2014

Report date: 10/22/2014 Revised:

2014 Soybean Top 30 Harvest Report
 Minnesota South Central [MNSC] MADISON LAKE
 Mike Krenik, Le Sueur County, MN 56063



Test by: IMQ, LLC, New Richland, MN

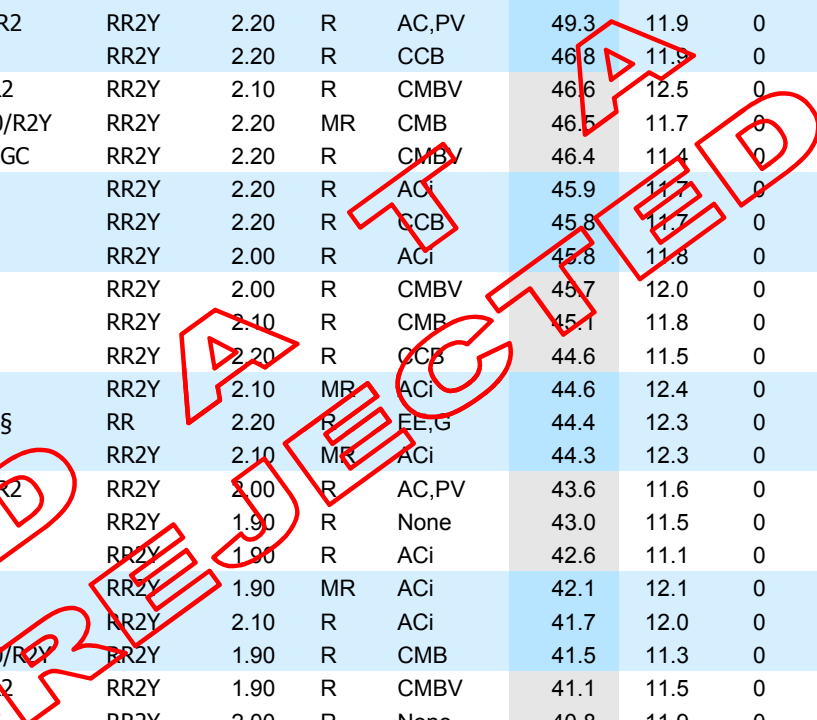
PREV. CROP/HERB: Corn / Steadfast, Callisto
 SOIL DESCRIPTION: LeSuer-Cordova clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 5.2 % OM, no SCN
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Flexstar, Touchdown, Endigo
 SEEDED - RATE - ROW: Jun 5 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 21 111,100 /A

Full-Season Test
1.9 - 2.2 Day CRM
 S2014MNSC08b

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
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	50.4	11.2	0	133.0	\$454
Wensman	W 3195NR2	RR2Y	1.90	R	AC,PV	50.2	11.5	0	130.7	\$452
Latham	L2084R2	RR2Y	2.00	R	CCB	50.0	12.1	0	118.3	\$450
Renk	RS213NR2	RR2Y	2.10	R	CMB	49.6	12.0	0	133.0	\$446
Wensman	W 3228NR2	RR2Y	2.20	R	AC,PV	49.3	11.9	0	123.8	\$444
Titan Pro	22M12	RR2Y	2.20	R	CCB	46.8	11.9	0	121.5	\$421
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	46.6	12.5	0	123.8	\$419
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB	46.5	11.7	0	127.5	\$419
Croplan	R2C2263 GC	RR2Y	2.20	R	CMBV	46.4	11.4	0	116.5	\$418
Channel	2207R2	RR2Y	2.20	R	ACi	45.9	11.7	0	133.0	\$413
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB	45.8	11.7	0	127.0	\$412
Asgrow	AG2031 §	RR2Y	2.00	R	ACi	45.8	11.8	0	114.6	\$412
Dyna-Gro	S20RY45	RR2Y	2.00	R	CMBV	45.7	12.0	0	123.8	\$411
Viking	2144R2N	RR2Y	2.10	R	CMB	45.1	11.8	0	128.4	\$406
Pfister	22R20	RR2Y	2.20	R	CCB	44.6	11.5	0	128.4	\$401
Gold Country	2143	RR2Y	2.10	MR	ACi	44.6	12.4	0	119.7	\$401
Pioneer	P22T69R §	RR	2.20	R	EE,G	44.4	12.3	0	123.8	\$400
Gold Country	2114	RR2Y	2.10	MR	ACi	44.3	12.3	0	121.5	\$399
Wensman	W 3200NR2	RR2Y	2.00	R	AC,PV	43.6	11.6	0	107.3	\$392
Viking	1909R2N	RR2Y	1.90	R	None	43.0	11.5	0	124.7	\$387
Channel	1901R2	RR2Y	1.90	R	ACi	42.6	11.1	0	105.0	\$383
Gold Country	1943	RR2Y	1.90	MR	ACi	42.1	12.1	0	100.9	\$379
Channel	2108R2	RR2Y	2.10	R	ACi	41.7	12.0	0	103.2	\$375
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB	41.5	11.3	0	130.2	\$374
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV	41.1	11.5	0	114.6	\$370
Stine	20RD20 §	RR2Y	2.00	R	None	40.8	11.9	0	120.1	\$367
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV	40.3	11.3	0	117.8	\$363
Titan Pro	TP-20R44	RR2Y	2.00	R	CCB	40.1	11.4	0	98.6	\$361
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV	40.0	10.3	0	104.1	\$360
Dyna-Gro	S20RY94	RR2Y	2.00	R	CMBV	39.4	11.4	0	121.5	\$355
Viking	2000R2N CK	RR2Y	2.00	R	CMB	27.5	11.0	0	87.1	\$248



Mark Querna
 Mark Querna
 mark.querna@firstseedtests.com, (507) 380-9920

Test Average = **40.3** **11.4** **0** **111.1** **\$363**
 LSD (0.10) = 13.5 1.6 ns
 LSD (0.25) = 9.4 1.1 ns
 C.V. = 24.7 10.5

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 wet from early spring through mid-July. Two attempts made by a custom applicator to apply post herbicides to this site proved unsuccessful. Resulting weed escapes severely impacted the yield potential of this site. Several individual plots also had severe stunting and low final stands due to excess moisture all season. These poor quality results are unreliable, thus rejected.*

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

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. VPMa ^x x® 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®, VPMa ^x x® 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	ApronMa ^x x®	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	CruiserMa ^x x® Beans	T	Trilex®
CMBV	CruiserMa ^x x® Beans with Vibrance		

* Seed treatments may include unspecified plant health promoting components.