

2015 Soybean Top 30 Harvest Report

Minnesota South Central [MNSC] TRACY
Brian Hicks, Lyon County, MN 56175



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / Harness, Force, Halex
SOIL DESCRIPTION: Canisteo-Letri silty clay loam, well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.7 pH, 4 % OM, medium SCN
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Authority First, Roundup PowerMax, Roundup, Flexstar, Fusilade, Lorsban
SEEDED - RATE - ROW: May 13 140,100 /A 30" Spacing
HARVESTED - STAND: Oct 9 130,900 /A

Early-Season Test

1.5 - 1.8 Day RM

S2015MNSC08a

Top 30 of 42

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
Viking	1776R2N	RR2Y	1.70	R	PV,IL	69.1	9.3	0	133.8	\$587
Hefty	H18R5	RR2Y	1.80	MR	DST	68.6	9.2	0	131.0	\$583
Pioneer	P18T26R2 §	RR2Y	1.80	R	EE,C,CI	68.3	9.1	0	132.0	\$581
Anderson	175R2Y	RR2Y	1.70	R	None	68.0	9.2	0	131.0	\$578
Latham	L1858R2	RR2Y	1.80	R	CMB,CI	67.5	9.1	0	130.6	\$574
Renk	RS166NR2	RR2Y	1.60	R	None	66.3	9.2	0	129.6	\$564
Latham	L1882R2	RR2Y	1.80	R	SS+	66.3	9.3	0	131.5	\$564
Renk	RS153NR2	RR2Y	1.50	R	None	66.2	9.2	0	130.1	\$563
NK Brand	S13-H5 GC	RR2Y	1.30	R	CCB	66.0	9.2	0	129.6	\$561
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB	66.0	9.3	0	129.6	\$561
Channel	1808R2	RR2Y	1.80	R	ACi	65.9	9.2	0	130.1	\$560
Federal	F185NRR2Y	RR2Y	1.80	R	CCB	65.8	9.3	0	130.6	\$559
Anderson	185R2Y	RR2Y	1.80	R	None	65.6	9.2	0	129.2	\$558
Gold Country	1814	RR2Y	1.80	R	ACi	65.6	9.3	0	129.2	\$558
Hefty	H16R6	RR2Y	1.60	MR	DST	65.5	9.2	0	131.0	\$557
Channel	1709R2	RR2Y	1.70	R	ACi	65.4	9.1	0	130.6	\$556
Gold Country	1414 GC	RR2Y	1.40	R	ACi	65.2	9.4	0	131.5	\$554
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV	65.0	9.3	0	130.6	\$553
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	64.8	9.2	0	130.6	\$551
NK Brand	S15-P1 §	RR2Y	1.50	MR	CCB	64.8	9.5	0	129.6	\$551
Pfister	17R28	RR2Y	1.70	R	CCB	64.2	9.1	0	128.7	\$546
NK Brand	S15-P1 GC	RR2Y	1.50	MR	CCB	64.1	9.5	0	131.0	\$545
Titan Pro	15M22	RR2Y	1.50	R	CCB	63.9	9.2	0	131.5	\$543
Pfister	15R202	RR2Y	1.50	R	CCB	63.8	9.3	0	130.1	\$542
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	63.7	9.2	0	133.4	\$541
Dairyland	DSR-1721/R2Y	RR2Y	1.70	R	CMB	63.7	9.2	0	130.1	\$541
Latham	L1734R2	RR2Y	1.70	MR	CMB,CI	63.3	9.2	0	130.1	\$538
Thunder	3617R2Y	RR2Y	1.70	S	CMB	62.5	9.2	0	133.8	\$531
Viking	1522R2N	RR2Y	1.50	R	PV,IL	62.5	9.3	0	129.6	\$531
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV	62.3	9.2	0	131.5	\$530
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV	64.0	9.4	0	130.1	\$544

Averages = **63.6** **9.3** **0** **130.9** **\$541**
LSD (0.10) = 4.6 ns ns
LSD (0.25) = 3.2 ns ns
C.V. = 5.3 2.8

Mark Querna

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

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.50 GMO; \$8.50 non-GMO

TEST COMMENTS: *The weather was cool early, slowing early growth, but plants were not stressed all season. Brian sprayed Lorsban for aphids in early August. Plants were tall and healthy at harvest. This test reflects the excellent yields that Brian has seen across all his fields this season.*

† 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 13 140,100 /A 30" Spacing
HARVESTED - STAND: Oct 9 131,100 /A

Full-Season Test

1.9 - 2.2 Day CRM

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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
Pioneer	P19T78R	RR	1.90	R	EE,C,CI	73.5	9.2	0	131.0	\$625
Gold Country	2015	RR2Y	2.00	R	ACi	73.2	9.3	0	132.4	\$622
Latham	L2228R2	RR2Y	2.20	R	CMB,CI	72.3	9.7	0	129.2	\$615
Hefty	H19R6	RR2Y	1.90	MR	DST	71.4	9.2	0	132.0	\$607
Channel	2009R2	RR2Y	2.00	R	ACi	71.4	9.2	0	127.3	\$607
Anderson	205R2Y	RR2Y	2.00	R	None	71.4	9.5	0	132.4	\$607
Renk	RS195NR2	RR2Y	1.90	R	None	71.4	10.1	0	131.5	\$607
Latham	L1968R2	RR2Y	1.90	R	CMB,CI	70.7	9.2	0	133.4	\$601
Latham	L2084R2	RR2Y	2.00	R	SS+	70.7	9.7	0	129.2	\$601
Renk	RS216NR2	RR2Y	2.10	R	None	70.1	10.0	0	133.4	\$596
NK Brand	S19-B2 §	RR2Y	1.90	R	CCB	68.9	9.3	0	129.6	\$586
Anderson	206R2Y	RR2Y	2.00	R	None	68.9	9.5	0	130.6	\$586
Titan Pro	TP-20R25	RR2Y	2.00	R	CCB	68.3	9.3	0	134.3	\$581
Latham	L2128R2	RR2Y	2.10	R	CMB,CI	68.1	9.4	0	131.0	\$579
Channel	2108R2	RR2Y	2.10	R	ACi	67.5	9.4	0	132.0	\$574
Federal	F195NRR2Y	RR2Y	1.90	R	None	67.4	9.3	0	128.2	\$573
Pfister	19R24	RR2Y	1.90	R	CCB	67.4	9.6	0	132.0	\$573
Federal	F215NRR2Y	RR2Y	2.10	R	CMB	67.3	9.4	0	132.4	\$572
Renk	RS213NR2	RR2Y	2.10	R	CMB	67.2	9.4	0	131.0	\$571
Asgrow	AG1935 §	RR2Y	1.90	R	ACi	67.1	9.4	0	131.5	\$570
LG Seeds	C1917R2	RR2Y	1.90	R	AC,PV	66.9	9.6	0	132.9	\$569
Asgrow	AG2035 §	RR2Y	2.00	R	ACi	66.5	9.9	0	131.5	\$565
Asgrow	AG2136 §	RR2Y	2.10	R	ACi	66.4	9.5	0	132.4	\$564
Viking	2055R2N	RR2Y	2.00	R	CMB	66.0	9.4	0	130.1	\$561
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	65.9	9.2	0	134.3	\$560
Viking	2000R2N	RR2Y	2.00	R	PV,IL	65.7	10.8	0	132.9	\$558
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV	65.5	9.5	0	132.4	\$557
Titan Pro	20M1	RR2Y	2.00	R	CCB	65.2	9.3	0	129.6	\$554
Prairie Brand	PB-2024R2	RR2Y	2.10	R	CMBV	65.2	9.4	0	129.2	\$554
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB	65.2	9.5	0	129.6	\$554
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV	64.4	9.7	0	131.5	\$547

Averages = **66.3** **9.6** **0** **131.1** **\$564**
LSD (0.10) = 6.2 ns ns
LSD (0.25) = 4.3 0.6 ns
C.V. = 6.8 6.1

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2015 Soybean - Minnesota South Central [MNSC]

Early-Season Test Products (42 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	175R2Y	RR2Y	1.70	R	None						
Anderson	185R2Y	RR2Y	1.80	R	None						
Channel	1709R2	RR2Y	1.70	R	ACi						
Channel	1808R2	RR2Y	1.80	R	ACi						
Dairyland	DSR-1721/R2Y	RR2Y	1.70	R	CMB						
Dyna-Gro	S17RY06	RR2Y	1.70	MR	CCB						
Dyna-Gro	S18RY25	RR2Y	1.80	R	CCB						
Federal	F185NRR2Y	RR2Y	1.80	R	CCB						
Gold Country	1414 GC	RR2Y	1.40	R	ACi						
Gold Country	1814	RR2Y	1.80	R	ACi						
Hefty	H16R6	RR2Y	1.60	MR	DST						
Hefty	H18R5	RR2Y	1.80	MR	DST						
Latham	L1673R2	RR2Y	1.60	S	CMB,Ci						
Latham	L1734R2	RR2Y	1.70	MR	CMB,Ci						
Latham	L1858R2	RR2Y	1.80	R	CMB,Ci						
Latham	L1882R2	RR2Y	1.80	R	SS+						
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV						
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV						
Mustang	16846	RR2Y	1.60	S	AC,PV						
NK Brand	S13-H5 GC	RR2Y	1.30	R	CCB						
NK Brand	S15-P1 §	RR2Y	1.50	MR	CCB						
NK Brand	S15-P1 GC	RR2Y	1.50	MR	CCB						
Pfister	15R202	RR2Y	1.50	R	CCB						
Pfister	17R28	RR2Y	1.70	R	CCB						
Pioneer	P15T83R §	RR	1.50	R	EE,C,Ci						
Pioneer	P16T04R §	RR	1.60	S	EE,C,Ci						
Pioneer	P18T26R2 §	RR2Y	1.80	R	EE,C,Ci						
Prairie Brand	PB-1466R2	RR2Y	1.50	R	CMBV						
Prairie Brand	PB-1586R2	RR2Y	1.50	MR	CMBV						
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV						
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV						
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV						
Renk	RS153NR2	RR2Y	1.50	R	None						
Renk	RS166NR2	RR2Y	1.60	R	None						
Renk	RS175NR2	RR2Y	1.70	R	None						
Thunder	3617R2Y	RR2Y	1.70	S	CMB						
Titan Pro	15M22	RR2Y	1.50	R	CCB						
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB						
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB						
Viking	1522R2N	RR2Y	1.50	R	PV,IL						
Viking	1776R2N	RR2Y	1.70	R	PV,IL						

2015 Soybean - Minnesota South Central [MNSC]



Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Anderson	205R2Y	RR2Y	2.00	R	None	Viking	2000R2N	RR2Y	2.00	R	PV,IL
Anderson	206R2Y	RR2Y	2.00	R	None	Viking	2055R2N	RR2Y	2.00	R	CMB
Asgrow	AG1935 §	RR2Y	1.90	R	ACi	Viking	2282R2N	RR2Y	2.20	R	PV,IL
Asgrow	AG2035 §	RR2Y	2.00	R	ACi						
Asgrow	AG2136 §	RR2Y	2.10	R	ACi						
Channel	2009R2	RR2Y	2.00	R	ACi						
Channel	2108R2	RR2Y	2.10	R	ACi						
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB						
Dairyland	DSR-2110/R2Y	RR2Y	2.10	R	CMB						
Dyna-Gro	S20RY45	RR2Y	2.00	R	CCB						
Dyna-Gro	S20RY94	RR2Y	2.00	R	CCB						
Dyna-Gro	S21RY56	RR2Y	2.10	R	CCB						
Federal	F195NRR2Y	RR2Y	1.90	R	None						
Federal	F205NRR2Y	RR2Y	2.00	R	CCB						
Federal	F215NRR2Y	RR2Y	2.10	R	CMB						
Federal	F226NRR2Y	RR2Y	2.20	R	CMB						
Gold Country	2015	RR2Y	2.00	R	ACi						
Hefty	H19R6	RR2Y	1.90	MR	DST						
Hefty	H20R3	RR2Y	2.00	MR	DST						
Hefty	H21R6	RR2Y	2.10	MR	DST						
Latham	L1968R2	RR2Y	1.90	R	CMB,Ci						
Latham	L2084R2	RR2Y	2.00	R	SS+						
Latham	L2128R2	RR2Y	2.10	R	CMB,Ci						
Latham	L2228R2	RR2Y	2.20	R	CMB,Ci						
LG Seeds	C1917R2	RR2Y	1.90	R	AC,PV						
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV						
NK Brand	S19-B2 §	RR2Y	1.90	R	CCB						
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB						
Pfister	19R24	RR2Y	1.90	R	CCB						
Pfister	21R201	RR2Y	2.10	R	CCB						
Pioneer	P19T78R	RR	1.90	R	EE,C,Ci						
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV						
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV						
Prairie Brand	PB-2024R2	RR2Y	2.10	R	CMBV						
Prairie Brand	PB-2156R2	RR2Y	2.10	R	CMBV						
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV						
Renk	RS195NR2	RR2Y	1.90	R	None						
Renk	RS213NR2	RR2Y	2.10	R	CMB						
Renk	RS216NR2	RR2Y	2.10	R	None						
Stine	20RD20 §	RR2Y	2.00	R	Sfi						
Stine	20RF23 §	RR2Y	2.00	R	Sfi						
Stine	22RD00 §	RR2Y	2.20	R	Sfi						
Titan Pro	20M1	RR2Y	2.00	R	CCB						
Titan Pro	TP-20R25	RR2Y	2.00	R	CCB						
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. 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® 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 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
?	info unavailable

Soybean Seed Treatments*

?	Information not provided	En	Encase®
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	Gr	Great Start™ Max
AV	Avicta®	IL	ILeVO®
AVB	Avicta® Complete Beans	IS	Intego™ Suite
C	Cruiser®	None	untreated
CC	Curry® Coat	PS	MAS ProShield™ QV
CCB	Clariva™ Complete Beans	PV	Poncho®/Votivo®
CI	Clariva™ pn	Ri	Rizolex™
CMB	CruiserMaxx® Beans	Sfi	Stine fungicide & insecticide products
CMBV	CruiserMaxx® Beans with Vibrance	SS+	Soyshield Plus™
DPHB	DPH Boost®	T	Trilex®
DST	Dominance™ ST	TE	Trius Elite
Ec	Eclipse™ IM	TT	Turbo Treat™
EE	Evergol™ Energy	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.