

**2015 Soybean Top 30 Harvest Report**  
 Minnesota South Central [ MNSC ] MADISON LAKE  
 Mike Krenik, Le Sueur County, MN 56063



PREV. CROP/HERB: Corn / Harness, Force, Status, Accent  
 SOIL DESCRIPTION: LeSueur-Cordova clay loam, moderately drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.4 pH, 4.9 % OM, low SCN  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Flexstar GT, Endigo  
 SEEDED - RATE - ROW: May 6 140,100 /A 30" Spacing  
 HARVESTED - STAND: Oct 13 131,300 /A

**Early-Season Test**  
**1.5 - 1.8 Day RM**  
 S2015MNSC05a

**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
Latham	L1734R2	RR2Y	1.70	MR	CMB,CI	68.0	11.0	0	132.0	\$578
Hefty	H16R6	RR2Y	1.60	MR	DST	67.5	11.3	0	131.0	\$574
Federal	F185NRR2Y	RR2Y	1.80	R	CCB	67.2	10.6	0	129.6	\$571
Gold Country	1414 GC	RR2Y	1.40	R	ACi	67.1	11.4	0	130.1	\$570
NK Brand	S13-H5 GC	RR2Y	1.30	R	CCB	67.0	10.9	0	132.9	\$570
Latham	L1858R2	RR2Y	1.80	R	CMB,CI	66.5	10.3	0	130.6	\$565
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV	65.0	11.0	0	132.0	\$553
Latham	L1673R2	RR2Y	1.60	S	CMB,CI	64.7	10.9	0	130.1	\$550
Gold Country	1814	RR2Y	1.80	R	ACi	64.7	11.4	0	131.0	\$550
Dyna-Gro	S17RY06	RR2Y	1.70	MR	CCB	64.3	10.8	0	132.0	\$547
Viking	1522R2N	RR2Y	1.50	R	PV,IL	64.3	10.8	0	130.1	\$547
Pfister	15R202	RR2Y	1.50	R	CCB	64.2	11.2	0	132.0	\$546
Channel	1808R2	RR2Y	1.80	R	ACi	64.2	12.0	0	132.0	\$546
Renk	RS153NR2	RR2Y	1.50	R	None	63.6	12.1	0	128.7	\$541
Titan Pro	15M22	RR2Y	1.50	R	CCB	62.7	11.1	0	132.4	\$533
Mustang	16846	RR2Y	1.60	S	AC,PV	62.6	10.9	0	131.0	\$532
Prairie Brand	PB-1466R2	RR2Y	1.50	R	CMBV	62.4	11.7	0	132.9	\$530
Prairie Brand	PB-1586R2	RR2Y	1.50	MR	CMBV	62.2	10.7	0	132.4	\$529
Thunder	3617R2Y	RR2Y	1.70	S	CMB	62.2	10.7	0	132.9	\$529
Latham	L1882R2	RR2Y	1.80	R	SS+	62.0	11.1	0	132.4	\$527
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB	61.7	11.4	0	130.1	\$524
Channel	1709R2	RR2Y	1.70	R	ACi	61.7	11.0	0	133.4	\$524
Anderson	185R2Y	RR2Y	1.80	R	None	61.4	11.0	0	131.0	\$522
Anderson	153R2Y	RR2Y	1.50	R	None	61.3	11.1	0	132.0	\$521
Hefty	H18R5	RR2Y	1.80	MR	DST	61.1	11.3	0	133.4	\$519
Viking	1776R2N	RR2Y	1.70	R	PV,IL	61.0	11.3	0	131.5	\$519
Pfister	17R28	RR2Y	1.70	R	CCB	61.0	11.7	0	131.0	\$519
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV	60.6	11.3	0	130.6	\$515
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	59.9	11.0	0	131.0	\$509
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	59.6	11.4	0	131.5	\$507
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV	59.2	11.0	0	131.0	\$503

*Mark Querna*  
 Mark Querna

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Averages =	61.9	11.2	0	131.3	\$526
LSD (0.10) =	5.1	0.8	ns		
LSD (0.25) =	3.5	0.6	ns		
C.V. =	6.0	5.5			

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

**TEST COMMENTS:** Cooler than normal spring temps stayed moderate all season, with one week in September being warmer than average. Mike reports that moisture was always plentiful, with rainfall totals as follows: May = 5.69"; June = 5.56"; July = 7.19"; August = 6.4"; and September = 7.76". That totals 32.6" rain. Mike sprayed Endigo for aphids in early August.

† 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: 10/14/2015 Revised: AgSCI Copyright 2015

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 PEST MANAGEMENT: Flexstar GT, Endigo  
 SEEDED - RATE - ROW: May 6 140,100 /A 30" Spacing  
 HARVESTED - STAND: Oct 13 131,100 /A

**Full-Season Test**  
**1.9 - 2.2 Day CRM**  
 S2015MNSC05b

**Top 30 of 48**  
 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
Hefty	H19R6	RR2Y	1.90	MR	DST	67.9	11.4	0	130.6	\$577
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	67.8	10.1	0	132.0	\$576
Stine	20RD20 §	RR2Y	2.00	R	Sfi	66.7	11.5	0	131.5	\$567
Asgrow	AG2136 §	RR2Y	2.10	R	ACi	66.2	11.1	0	131.0	\$563
Latham	L2084R2	RR2Y	2.00	R	SS+	66.0	11.7	0	130.6	\$561
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	65.1	11.2	0	131.0	\$553
Renk	RS213NR2	RR2Y	2.10	R	CMB	63.8	11.7	0	129.2	\$542
Latham	L2128R2	RR2Y	2.10	R	CMB,CI	63.7	11.0	0	129.2	\$541
Prairie Brand	PB-2156R2	RR2Y	2.10	R	CMBV	63.7	11.9	0	131.5	\$541
Federal	F195NRR2Y	RR2Y	1.90	R	None	63.2	11.0	0	130.6	\$537
Hefty	H20R3	RR2Y	2.00	MR	DST	63.0	11.1	0	130.6	\$536
Asgrow	AG2035 §	RR2Y	2.00	R	ACi	62.9	10.9	0	130.1	\$535
Channel	2009R2	RR2Y	2.00	R	ACi	62.8	10.7	0	130.1	\$534
LG Seeds	C1917R2	RR2Y	1.90	R	AC,PV	62.4	12.2	0	131.5	\$530
Renk	RS195NR2	RR2Y	1.90	R	None	62.0	11.9	0	129.6	\$527
Latham	L2228R2	RR2Y	2.20	R	CMB,CI	61.8	10.9	0	130.6	\$525
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB	61.5	10.8	0	132.4	\$523
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV	61.4	11.0	0	130.1	\$522
Asgrow	AG1935 §	RR2Y	1.90	R	ACi	60.8	11.0	0	130.6	\$517
Prairie Brand	PB-2024R2	RR2Y	2.10	R	CMBV	60.8	11.0	0	131.0	\$517
Viking	2000R2N	RR2Y	2.00	R	PV,IL	60.8	11.3	0	133.8	\$517
Channel	2108R2	RR2Y	2.10	R	ACi	59.9	11.3	0	130.6	\$509
Latham	L1968R2	RR2Y	1.90	R	CMB,CI	59.8	11.1	0	131.5	\$508
Stine	22RD00 §	RR2Y	2.20	R	Sfi	59.6	10.9	0	133.8	\$507
Pfister	19R24	RR2Y	1.90	R	CCB	59.5	11.4	0	131.5	\$506
Gold Country	2015	RR2Y	2.00	R	ACi	59.5	11.8	0	131.0	\$506
Viking	2055R2N	RR2Y	2.00	R	CMB	58.8	11.4	0	131.0	\$500
Pfister	21R201	RR2Y	2.10	R	CCB	58.3	10.8	2	131.5	\$496
Titan Pro	TP-20R25	RR2Y	2.00	R	CCB	58.2	11.0	0	131.5	\$495
Dyna-Gro	S20RY45	RR2Y	2.00	R	CCB	58.1	10.8	0	130.1	\$494
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV	57.3	11.4	0	132.9	\$487

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Averages = **60.0** **11.2** **0** **131.1** **\$510**  
 LSD (0.10) = 5.0 ns ns  
 LSD (0.25) = 3.4 ns ns  
 C.V. = 6.1 7.6

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

**TEST COMMENTS:** Cooler than normal spring temps stayed moderate all season, with one week in September being warmer than average. Mike reports that moisture was always plentiful, with rainfall totals as follows: May = 5.69"; June = 5.56"; July = 7.19"; August = 6.4"; and September = 7.76". That totals 32.6" rain. Mike sprayed Endigo for aphids in early August.

† 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: 10/14/2015 Revised:

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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.