

2015 Soybean Top 30 Harvest Report

Minnesota South [MNSO] EASTON
Dru Martin, Faribault County, MN 56025



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / Laudis, atrazine, Staunch
SOIL DESCRIPTION: Nicollet-Webster clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.6 pH, 4.2 % OM, low SCN
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Abundit Extra, Trivence, Headline, Asana XL
SEEDED - RATE - ROW: May 6 140,100 /A 30" Spacing
HARVESTED - STAND: Oct 3 131,700 /A

Early-Season Test

1.6 - 2 Day RM
S2015MNSO03a

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	L1858R2	RR2Y	1.80	R	CMB,Ci	75.5	8.7	0	132.0	\$642	
Latham	L1734R2	RR2Y	1.70	MR	CMB,Ci	74.1	8.8	0	131.5	\$630	
Channel	1709R2	RR2Y	1.70	R	ACi	73.8	9.1	0	132.9	\$627	
Mustang	19726	RR2Y	1.90	S	AC,PV	73.4	8.8	0	132.0	\$624	
Croplan	R2C1750	RR2Y	1.70	R	None	73.3	9.2	0	131.5	\$623	
NK Brand	S19-B2 §	RR2Y	1.90	R	CCB	72.8	8.9	0	132.0	\$619	
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV	72.3	9.2	0	132.9	\$615	
Latham	L1968R2	RR2Y	1.90	R	CMB,Ci	71.9	8.8	0	132.0	\$611	
Pioneer	P18T26R2	RR2Y	1.80	R	EE,C,Ci	71.6	8.8	0	132.9	\$609	
NK Brand	S15-P1	RR2Y	1.50	MR	CCB	71.6	9.2	0	133.4	\$609	
Pfister	17R28	RR2Y	1.70	R	CCB	71.1	8.8	0	132.4	\$604	
Hefty	H19R6	RR2Y	1.90	MR	DST	71.1	9.0	0	132.0	\$604	
Pfister	19R24	RR2Y	1.90	R	CCB	71.1	9.6	0	130.1	\$604	
Pioneer	P19T78R	RR	1.90	R	EE,C,Ci	71.0	8.7	0	132.0	\$604	
LG Seeds	C1917R2	RR2Y	1.90	R	AC,PV	71.0	8.8	0	132.4	\$604	
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	71.0	9.0	0	131.0	\$604	
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	70.7	9.0	0	130.6	\$601	
Channel	1808R2	RR2Y	1.80	R	ACi	69.9	8.7	0	130.6	\$594	
Cornelius	CB19R71	RR2Y	1.90	R	CCB	69.9	9.1	0	131.0	\$594	
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	69.5	8.8	0	132.0	\$591	
Prairie Brand	PB-1586R2	RR2Y	1.50	MR	CMBV	69.2	9.4	0	131.0	\$588	
Dyna-Gro	S19RY65	RR2Y	1.90	R	CCB	69.0	9.0	0	130.6	\$587	
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB	68.9	9.0	0	132.0	\$586	
Cornelius	CB19R86	RR2Y	1.90	R	CCB	68.9	9.2	0	131.5	\$586	
Latham	L1673R2	RR2Y	1.60	S	CMB,Ci	68.8	8.7	0	133.4	\$585	
Gold Country	1414	RR2Y	1.40	R	ACi	68.3	9.1	0	132.9	\$581	
Thunder	3619R2YN	RR2Y	1.90	R	CMB	68.1	8.8	0	133.4	\$579	
Renk	RS195NR2	RR2Y	1.90	R	None	67.9	8.7	0	132.0	\$577	
Mustang	16846	RR2Y	1.60	S	AC,PV	67.9	9.1	0	129.6	\$577	
Thunder	3617R2Y	RR2Y	1.70	S	CMB	67.8	9.2	0	131.0	\$576	
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV	70.1	9.0	0	131.5	\$596	
						Averages =	69.1	9.0	0	131.7	\$588
						LSD (0.10) =	4.5	0.4	0		
						LSD (0.25) =	3.1	0.3	0		
						C.V. =	4.8	3.2			

Mark Querna

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

TEST COMMENTS: *The growing season was excellent here, with a few rains being excessive. Vegetative growth was boosted by the plentiful rains and moderate temperatures. Dru reported that aphid pressure was high, but was sprayed with Asana XL. Yields were good here, in spite of light hail that left 2% damage to this site. The foliar applied fungicide boosted yields 7 bushels/acre in this field vs. unsprayed areas.*

† 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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PEST MANAGEMENT: Abundit Extra, Trivence, Headline, Asana XL
SEEDED - RATE - ROW: May 6 140,100 /A 30" Spacing
HARVESTED - STAND: Oct 3 132,300 /A

Full-Season Test
2.1 - 2.3 Day CRM
S2015MNSO03b

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	
Prairie Brand	PB-2156R2	RR2Y	2.10	R	CMBV	72.3	9.2	0	131.5	\$615	
NK Brand	S21-M7 §	RR2Y	2.10	R	CCB	71.8	9.3	0	133.8	\$610	
Latham	L2387R2	RR2Y	2.30	R	CMB,Ci	71.7	10.4	0	132.0	\$609	
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	69.9	8.6	0	131.0	\$594	
Hefty	H21R6	RR2Y	2.10	MR	DST	69.5	9.1	0	132.4	\$591	
Latham	L2084R2	RR2Y	2.00	R	SS+	69.3	9.0	0	132.0	\$589	
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB	69.2	9.4	0	132.4	\$588	
Cornelius	CB22R34	RR2Y	2.20	R	CCB	68.7	8.9	0	131.5	\$584	
Viking	2301R2N	RR2Y	2.30	R	PV,IL	68.6	9.8	0	132.0	\$583	
Titan Pro	20M1	RR2Y	2.00	R	CCB	68.2	9.3	0	131.0	\$580	
Stine	20RD20 §	RR2Y	2.00	R	Sfi	68.0	9.2	0	132.0	\$578	
Asgrow	AG2035 §	RR2Y	2.00	R	ACi	67.7	9.9	0	132.9	\$575	
Renk	RS216NR2	RR2Y	2.10	R	None	67.7	10.0	0	132.4	\$575	
Cornelius	CB20R44	RR2Y	2.00	R	CCB	67.5	8.9	0	132.4	\$574	
Titan Pro	TP-20R25	RR2Y	2.00	R	CCB	67.5	9.0	0	131.5	\$574	
Latham	L2128R2	RR2Y	2.10	R	CMB,Ci	67.5	9.1	0	132.9	\$574	
Dyna-Gro	S20RY94	RR2Y	2.00	R	CCB	67.4	8.7	0	131.5	\$573	
Dairyland	DSR-2330/R2Y	RR2Y	2.30	R	CMB	67.2	9.5	0	133.8	\$571	
Viking	2000R2N	RR2Y	2.00	R	PV,IL	67.0	9.4	0	132.9	\$570	
Asgrow	AG2136 §	RR2Y	2.10	R	ACi	66.9	9.1	0	132.9	\$569	
Gold Country	2114	RR2Y	2.10	R	ACi	66.7	9.0	0	132.9	\$567	
Pfister	21R201	RR2Y	2.10	R	CCB	66.2	9.3	0	133.4	\$563	
Dyna-Gro	S21RY56	RR2Y	2.10	R	CCB	65.7	9.5	0	132.0	\$558	
Stine	22RD00 §	RR2Y	2.20	R	Sfi	65.7	9.7	0	131.0	\$558	
Pioneer	P22T69R §	RR	2.20	R	EE,C,Ci	65.6	10.6	0	133.4	\$558	
Channel	2108R2	RR2Y	2.10	R	ACi	65.5	9.3	0	132.9	\$557	
Viking	2282R2N	RR2Y	2.20	R	PV,IL	65.3	9.0	0	131.0	\$555	
Viking	2055R2N	RR2Y	2.00	R	CMB	65.2	8.6	0	132.9	\$554	
Croplan	R2C2200	RR2Y	2.20	R	None	65.2	9.4	0	132.4	\$554	
Latham	L2228R2	RR2Y	2.20	R	CMB,Ci	65.0	9.1	0	132.9	\$553	
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV	66.8	9.3	0	132.9	\$568	
						Averages =	66.2	9.3	0	132.3	\$563
						LSD (0.10) =	5.2	0.9	0		
						LSD (0.25) =	3.6	0.6	0		
						C.V. =	5.8	7.2			

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Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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	Gaicho®
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.