

2015 Soybean Top 30 Harvest Report
 Minnesota South Central [MNSC] WINTHROP
 Brian Pettis, Sibley County, MN 55396



PREV. CROP/HERB: Corn / TripleFlex, Roundup
 SOIL DESCRIPTION: Clarion-Cannistee-Webster clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.7 pH, 6.2 % OM, low SCN
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup twice
 SEEDED - RATE - ROW: May 13 140,100 /A 30" Spacing
 HARVESTED - STAND: Oct 12 130,500 /A

Early-Season Test
1.5 - 1.8 Day RM
 S2015MNSC06a

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	67.3	9.3	0	130.1	\$572
Anderson	175R2Y	RR2Y	1.70	R	None	65.5	9.4	0	131.5	\$557
Hefty	H16R6	RR2Y	1.60	MR	DST	61.7	9.4	0	131.0	\$524
Dyna-Gro	S18RY25	RR2Y	1.80	R	CCB	60.4	9.4	0	127.8	\$513
NK Brand	S13-H5 GC	RR2Y	1.30	R	CCB	60.0	9.9	0	130.1	\$510
Federal	F185NRR2Y	RR2Y	1.80	R	CCB	59.9	9.4	0	130.6	\$509
NK Brand	S15-P1 §	RR2Y	1.50	MR	CCB	59.9	9.8	0	128.7	\$509
Gold Country	1814	RR2Y	1.80	R	ACi	59.3	9.4	0	131.5	\$504
Renk	RS166NR2	RR2Y	1.60	R	None	59.0	9.5	0	130.1	\$502
Channel	1709R2	RR2Y	1.70	R	ACi	58.8	9.4	0	130.6	\$500
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	58.8	9.4	0	129.6	\$500
NK Brand	S15-P1 GC	RR2Y	1.50	MR	CCB	58.7	9.4	0	131.5	\$499
Pfister	17R28	RR2Y	1.70	R	CCB	58.6	9.4	0	128.7	\$498
Hefty	H18R5	RR2Y	1.80	MR	DST	58.5	9.4	0	129.2	\$497
Titan Pro	15M22	RR2Y	1.50	R	CCB	58.5	9.8	0	129.6	\$497
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV	58.1	9.6	0	131.0	\$494
Anderson	153R2Y	RR2Y	1.50	R	None	58.0	9.4	0	129.6	\$493
Renk	RS153NR2	RR2Y	1.50	R	None	57.8	9.4	0	130.6	\$491
Latham	L1673R2	RR2Y	1.60	S	CMB,CI	57.6	9.4	0	128.7	\$490
Channel	1808R2	RR2Y	1.80	R	ACi	57.5	9.4	0	130.1	\$489
Mustang	16846	RR2Y	1.60	S	AC,PV	57.5	9.4	0	131.0	\$489
Latham	L1882R2	RR2Y	1.80	R	SS+	56.9	9.4	0	129.2	\$484
Viking	1522R2N	RR2Y	1.50	R	PV,IL	56.5	9.3	0	129.2	\$480
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	55.7	9.4	0	131.5	\$473
Thunder	3617R2Y	RR2Y	1.70	S	CMB	55.7	9.4	0	129.2	\$473
Dyna-Gro	S17RY06	RR2Y	1.70	MR	CCB	55.6	9.4	0	128.7	\$473
Anderson	185R2Y	RR2Y	1.80	R	None	55.2	9.4	0	132.0	\$469
Viking	1776R2N	RR2Y	1.70	R	PV,IL	55.1	9.5	0	132.9	\$468
Renk	RS175NR2	RR2Y	1.70	R	None	54.9	9.4	0	131.0	\$467
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV	54.6	9.4	0	135.7	\$464
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV	56.9	9.4	0	132.4	\$484

Mark Querna

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Averages = **56.6** **9.4** **0** **130.5** **\$482**
 LSD (0.10) = 5.8 ns ns
 LSD (0.25) = 4.0 ns ns
 C.V. = 7.5 2.6

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

TEST COMMENTS: *Planting conditions were good, after delays for wet weather. Plants showed above average vegetative growth, with tall plants at harvest. Brian was pleased with yields, considering the cooler than normal summer weather. 85 degree temps the day before harvest, then 40 mph wind with temps of 53 degrees while harvesting here made moistures very uniform in these beans.*

† 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 12 130,400 /A

Full-Season Test
1.9 - 2.2 Day CRM
 S2015MNSC06b

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	
Dyna-Gro	S20RY45	RR2Y	2.00	R	CCB	61.8	9.4	0	129.2	\$525	
Asgrow	AG1935 §	RR2Y	1.90	R	ACi	61.3	9.4	0	131.0	\$521	
Pioneer	P19T78R	RR	1.90	R	EE,C,CI	60.9	9.4	0	129.2	\$518	
Latham	L2228R2	RR2Y	2.20	R	CMB,CI	60.7	9.4	0	132.4	\$516	
NK Brand	S19-B2 §	RR2Y	1.90	R	CCB	60.6	9.4	0	130.1	\$515	
Pfister	19R24	RR2Y	1.90	R	CCB	59.8	9.4	0	131.0	\$508	
Latham	L2084R2	RR2Y	2.00	R	SS+	59.7	9.4	0	130.6	\$507	
Dairyland	DSR-1990/R2Y	RR2Y	1.90	R	CMB	59.2	9.4	0	131.5	\$503	
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	59.0	9.4	0	128.7	\$502	
Hefty	H19R6	RR2Y	1.90	MR	DST	58.8	9.4	0	129.2	\$500	
Renk	RS213NR2	RR2Y	2.10	R	CMB	58.4	9.4	0	128.7	\$496	
Dairyland	DSR-2110/R2Y	RR2Y	2.10	R	CMB	58.4	9.4	0	130.1	\$496	
Latham	L2128R2	RR2Y	2.10	R	CMB,CI	58.3	9.3	0	129.2	\$496	
Viking	2055R2N	RR2Y	2.00	R	CMB	58.2	9.3	0	130.6	\$495	
Federal	F195NRR2Y	RR2Y	1.90	R	None	58.2	9.4	0	130.1	\$495	
Channel	2108R2	RR2Y	2.10	R	ACi	57.8	9.5	0	130.6	\$491	
Federal	F215NRR2Y	RR2Y	2.10	R	CMB	57.4	9.4	0	128.7	\$488	
Channel	2009R2	RR2Y	2.00	R	ACi	57.3	9.4	0	131.0	\$487	
Stine	20RD20 §	RR2Y	2.00	R	Sfi	57.3	9.4	0	131.5	\$487	
Stine	22RD00 §	RR2Y	2.20	R	Sfi	57.1	9.3	0	129.6	\$485	
Stine	20RF23 §	RR2Y	2.00	R	Sfi	57.1	9.4	0	130.1	\$485	
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	57.0	9.3	0	129.6	\$485	
Dyna-Gro	S20RY94	RR2Y	2.00	R	CCB	57.0	9.4	0	129.2	\$485	
Gold Country	2015	RR2Y	2.00	R	ACi	56.7	9.5	0	128.7	\$482	
Dyna-Gro	S21RY56	RR2Y	2.10	R	CCB	56.5	9.4	0	131.0	\$480	
Asgrow	AG2035 §	RR2Y	2.00	R	ACi	56.3	9.3	0	129.6	\$479	
Titan Pro	TP-21R55	RR2Y	2.10	R	CCB	56.3	9.4	0	131.0	\$479	
Hefty	H21R6	RR2Y	2.10	MR	DST	56.2	9.4	0	131.0	\$478	
Hefty	H20R3	RR2Y	2.00	MR	DST	56.1	9.4	0	132.0	\$477	
Pfister	21R201	RR2Y	2.10	R	CCB	56.0	10.7	0	131.0	\$476	
Prairie Brand	PB-1956R2 CK	RR2Y	1.90	R	CMBV	61.7	9.3	0	131.5	\$524	
						Averages =	57.0	9.4	0	130.4	\$485
						LSD (0.10) =	4.2	ns	ns		
						LSD (0.25) =	2.9	ns	ns		
						C.V. =	5.4	3.6			

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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 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.