

2014 Soybean Top 30 Harvest Report
 Minnesota South Central [MNSC] WABASSO
 Leon Plaetz, Redwood County, MN 56293



PREV. CROP/HERB: Corn / TripleFLEX, Roundup, Laudis
 SOIL DESCRIPTION: Normania-Webster clay loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 3.4 % OM, medium SCN
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup twice, Warrior
 SEEDED - RATE - ROW: May 21 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 15 129,300 /A

Early-Season Test
1.5 - 1.8 Day RM
 S2014MNSC06a

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
Latham	L1858R2	RR2Y	1.80	R	SS+	74.2	12.4	0	130.7	\$668
Gold Country	1814	RR2Y	1.80	MR	ACi	65.4	12.2	0	130.2	\$589
NK Brand	S15-P1 §	RR2Y	1.50	MR	CMBV	64.0	12.2	0	130.7	\$576
Hefty	H18R5	RR2Y	1.80	MR	DST	63.9	12.1	0	129.8	\$575
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	63.4	12.0	0	127.5	\$571
Channel	1808R2	RR2Y	1.80	R	ACi	63.3	12.0	0	128.4	\$570
Gold Country	1741	RR2Y	1.70	R	ACi	63.1	12.1	0	128.4	\$568
Channel	1700R2	RR2Y	1.70	R	ACi	62.7	11.6	0	129.8	\$564
Renk	RS183NR2	RR2Y	1.80	R	None	62.4	11.5	0	127.9	\$562
Prairie Brand	PB-1822R2	RR2Y	1.80	R	CMBV	62.1	11.6	0	129.3	\$559
Latham	E1882R2	RR2Y	1.80	R	SS+	62.0	12.3	0	131.2	\$558
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	61.3	11.7	0	127.5	\$552
Anderson	185R2Y	RR2Y	1.80	R	None	61.0	11.9	0	130.7	\$549
Dyna-Gro	S18RY25	RR2Y	1.80	R	CMBV	60.8	12.1	0	129.7	\$547
Titan Pro	TP-17R54	RR2Y	1.70	R	CCB	59.0	12.1	0	128.9	\$531
Hefty	H15R5	RR2Y	1.50	MR	DST	58.4	12.4	0	130.2	\$526
Channel	1508R2	RR2Y	1.50	R	ACi	57.6	11.8	0	128.9	\$518
Wensman	W 3170NR2	RR2Y	1.70	R	AC,PV	57.3	12.4	0	130.7	\$516
Viking	1522R2N	RR2Y	1.50	R	CMB	57.2	12.0	0	128.9	\$515
NorthStar	NS 1800NR2	RR2Y	1.80	R	CCB	57.2	13.0	0	130.2	\$515
Pfister	15R28	RR2Y	1.50	R	CCB	57.0	11.8	0	129.3	\$513
Prairie Brand	PB-1794R2	RR2Y	1.70	R	CMBV	57.0	12.2	0	128.4	\$513
Wensman	W 3158NR2	RR2Y	1.50	R	AC,PV	56.3	12.1	0	128.9	\$507
Pfister	17R28	RR2Y	1.70	R	CCB	56.3	12.1	0	128.4	\$507
Dairyland	DST15-007/R2Y	RR2Y	1.50	MR	CMB	55.5	11.8	0	128.4	\$500
Hefty	H17R5	RR2Y	1.70	MR	DST	55.4	12.3	0	130.7	\$499
LG Seeds	C1530R2	RR2Y	1.50	R	AC,PV	55.1	12.2	0	128.4	\$496
Anderson	153R2Y	RR2Y	1.50	R	None	54.9	12.6	0	130.7	\$494
Gold Country	1514	RR2Y	1.50	MR	ACi	54.8	11.7	0	126.6	\$493
Channel	1308R2	RR2Y	1.30	R	ACi	54.8	12.9	0	131.2	\$493
Viking	2000R2N CK	RR2Y	2.00	R	CMB	62.1	11.7	0	130.7	\$559

Mark Querna

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Test Average =	57.3	12.1	0	129.3	\$515
LSD (0.10) =	6.2	0.6	ns		
LSD (0.25) =	4.3	0.4	ns		
C.V. =	8.0	3.8			

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$9.00}{\$9.00}$ GMO Non-GMO

TEST COMMENTS: Yields here were quite good, considering the wet early season conditions. SCN levels of 1,028 eggs/100 cc were detected here, which affected some plots. Leon said that 12" of rain fell here in June, and "then it just shut off." He noted how yields have been spotty across fields. Soybean yields ranged from upper 40 to mid-50 bpa, while corn yields ranged from 140 to 210 bpa in a field.

† 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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 HARVESTED - STAND: Oct 15 129,300 /A

Full-Season Test
1.9 - 2.2 Day CRM
 S2014MNSC06b

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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
Pfister	19R24	RR2Y	1.90	R	CCB	71.6	12.8	0	129.8	\$644
Latham	L1968R2	RR2Y	1.90	R	CCB	68.5	13.0	0	130.2	\$617
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV	68.0	12.1	0	129.3	\$612
Pioneer	P22T69R §	RR	2.20	R	EE,G	67.4	11.5	0	129.8	\$607
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV	67.0	12.5	0	126.1	\$603
Latham	L2128R2	RR2Y	2.10	R	CCB	66.7	12.3	0	127.0	\$600
Latham	L2084R2	RR2Y	2.00	R	CCB	66.3	12.1	0	130.2	\$597
Stine	22RD00 §	RR2Y	2.20	MR	None	66.2	12.5	0	130.2	\$596
Stine	20RD20 §	RR2Y	2.00	R	None	65.3	12.6	0	129.3	\$588
NorthStar	NS 2199NR2	RR2Y	2.10	R	CCB	64.9	11.9	0	130.2	\$584
Gold Country	2114	RR2Y	2.10	MR	ACi	64.4	12.3	0	130.2	\$580
Pfister	22R20	RR2Y	2.20	R	CCB	64.3	12.0	0	129.8	\$579
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	64.2	12.0	0	130.2	\$578
Channel	2108R2	RR2Y	2.10	R	ACi	64.2	12.2	0	131.1	\$578
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB	64.2	12.3	0	127.5	\$578
Wensman	W 3214NR2	RR2Y	2.10	R	AC,PV	63.7	12.3	0	129.8	\$573
Titan Pro	TP-20R44	RR2Y	2.00	R	CCB	63.5	12.2	0	128.4	\$572
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV	63.5	12.4	0	130.2	\$572
Wensman	W 3228NR2	RR2Y	2.20	R	AC,PV	63.4	12.3	0	128.8	\$571
Gold Country	2143	RR2Y	2.10	MR	ACi	63.4	13.2	0	128.4	\$570
Viking	2144R2N	RR2Y	2.10	R	CMB	63.3	11.9	0	129.3	\$570
Anderson	205R2Y	RR2Y	2.00	R	None	63.1	12.0	0	128.8	\$568
Hefty	H20R5	RR2Y	2.00	MR	DST	62.9	12.3	0	129.8	\$566
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV	62.7	12.7	0	128.8	\$564
Renk	RS213NR2	RR2Y	2.10	R	CMB	62.2	13.2	0	128.8	\$560
Dyna-Gro	S20RY45	RR2Y	2.00	R	CMBV	62.1	11.8	0	128.4	\$559
Stine	19RA02 §	RR2Y	1.90	R	None	62.0	11.8	0	128.8	\$558
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	61.6	12.1	0	130.2	\$554
Latham	L2253R2	RR2Y	2.20	R	CCB	61.6	12.1	0	128.8	\$554
Asgrow	AG2031 §	RR2Y	2.00	R	ACi	61.4	12.2	0	131.1	\$553
Viking	2000R2N CK	RR2Y	2.00	R	CMB	61.8	12.5	0	128.4	\$556

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Test Average =	62.1	12.3	0	129.3	\$559
LSD (0.10) =	6.1	1.0	ns		
LSD (0.25) =	4.3	0.7	ns		
C.V. =	7.3	5.7			

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: *Yields here were quite good, considering the wet early season conditions. SCN levels of 1,028 eggs/100 cc were detected here, which affected some plots. Leon said that 12" of rain fell here in June, and "then it just shut off." He noted how yields have been spotty across fields. Soybean yields ranged from upper 40 to mid-50 bpa, while corn yields ranged from 140 to 210 bpa in a field.*

† 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	ApronMaxx®	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	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

* Seed treatments may include unspecified plant health promoting components.