2016 Soybean Top 30 Harvest Report

Minnesota West Central [MNWC] FOLEY Milo Katke, Benton County, MN 56329



PREV. CROP/HERB: Corn / Roundup, SureStart

SOIL DESCRIPTION: Mora sandy loam, mod. poor drained, non-irrigated

SOIL CONDITIONS: High P, high K, 5.5 pH, 1.4 % OM, no SCN

TILLAGE/CULTIVATION: Conventional w/o fall till PEST MANAGEMENT: Roundup, Flexstar

SEEDED - RATE - ROW: May 17 140,000 /A 30" Spacing

Nov 5 134,400 /A HARVESTED - STAND:

All-Season Test Maturity Group 0.6 - 1.5

S2016MNWC02

Top 30 of 63

For Gross Income (Sorted by Yield) Average of (3) Replications

HARVESTED - STAND.	1107 5 134	,400 /A						71101	uge or (3) i	српсасіоно
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	Trt.†	◆ Bu/A ◆	%	%	(x 1000)	Income
Thunder	3614R2YN	RR2Y	1.4	R	CMB	68.1	14.7	0	135.0	\$611
Asgrow	AG1431 §	RR2Y	1.4	R	ACi	65.4	14.7	0	134.6	\$586
Anderson	153R2Y	RR2Y	1.5	R	None	65.1	14.8	3	135.0	\$584
NK Brand	S13-H5 §	RR2Y	1.3	R	CCB,Me	64.3	15.0	1	135.0	\$576
Renk	RS096NR2	RR2Y	0.9	R	CMBV	64.1	15.4	1	134.6	\$574
NK Brand	S14-A6 §	RR2Y	1.4	MR	CCB,Me	64.0	14.7	0	134.1	\$574
Latham	E1584R2	RR2Y	1.5	R	SS+	63.9	14.5	1	134.6	\$573
Mustang	13327	RR2Y	1.3	R	ACi	63.9	14.7	3	134.6	\$573
Dairyland	DST15-008/R2Y	RR2Y	1.5	R	CMB	63.4	14.8	11	134.6	\$568
NorthStar	NS 1528NR2	RR2Y	1.5	R	None	63.1	14.5	0	134.6	\$566
Stine	13RI32 §	RR2Y	1.3	R	SFI	63.0	14.6	0	133.6	\$565
Dyna-Gro	S12RY44	RR2Y	1.2	R	CCB	62.9	14.9	0	135.0	\$564
Latham	L0982R2	RR2Y	0.9	R	SS+	62.4	14.6	1	134.6	\$560
Pfister	14R203	RR2Y	1.4	R	CCB	62.2	14.8	1	135.5	\$558
Hefty	H14R3	RR2Y	1.4	MR	DST	62.1	14.8	1	135.0	\$557
NorthStar	NS 0839NR2	RR2Y	8.0	R	None	61.7	14.8	0	134.6	\$553
Renk	RS147NR2	RR2Y	1.4	R	CMBV	61.4	14.7	1	134.6	\$551
Latham	L1438R2	RR2Y	1.4	R	CCB,Me	61.0	14.7	0	135.0	\$547
Thunder	3511R2YN	RR2Y	1.1	R	CMB	61.0	14.8	22	134.6	\$547
Renk	RS084NR2	RR2Y	8.0	R	CMB	60.9	15.1	0	136.0	\$546
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	CMB	60.8	14.8	7	134.1	\$545
Thunder	3408R2YN	RR2Y	8.0	R	CMB	60.6	15.0	0	135.0	\$543
Gold Country	1414 GC	RR2Y	1.4	R	ACi	60.4	15.0	2	134.6	\$541
Stine	10RD03 §	RR2Y	1.0	S	SFI	60.2	14.5	1	133.1	\$540
Prairie Brand	PB-1466R2	RR2Y	1.4	R	CCB,In	59.3	15.0	1	134.6	\$531
Latham	E0884R2	RR2Y	8.0	R	SS+	59.1	14.8	4	134.1	\$530
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CCB,In	58.6	14.8	2	134.6	\$525
Asgrow	AG1135 §	RR2Y	1.1	R	ACi	58.6	14.8	20	134.6	\$525
Pioneer	P15T46R2 §	RR2Y	1.5	R	None	58.5	15.3	13	133.6	\$524
Prairie Brand	PB-1257R2	RR2Y	1.2	R	CCB,In	58.4	15.1	3	134.6	\$523
					Averages =	58.3	14.8	4	134.4	\$522
					Averages = SD (0.10) =		0.4	11	104.4	ΨυΖΖ
Ed Dable					SD(0.10) = SD(0.25) =		0.4	8		
Ed Dahle	ed.dahle@firstseedtests.com, (507) 456-6624						0.3		et site, no v	ield history
eu.uanie@iiisiseed	iesis.com, (307) 436-0	024			C.V. =	1.1]	ivew (e	st site, no y	ieiu ilistory

Yield & Income Factors: Base Moisture = 13.0% Prices = \$9.00 GMO; \$9.00 non-GMO Shrink = 1.3Drying = \$0.020

TEST COMMENTS: $The \ planting \ conditions \ were \ very \ good \ here \ on \ this \ very \ level \ site. \ Milo, \ our \ farmer \ cooperator \ here, \ said \ that \ the$ area was very dry until August. Then there was an 8" rain event and it has been wet from that day forward. The soil conditions were wet and very soft at harvest, which made for a very long day. The plants were short but packed with pods.

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Additional reports available at www.firstseedtests.com Report Date: 11/06/2016 Revised:

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2016 Soybean - Minnesota West Central [MNWC]

All-Season Test Products (63 Total)

Product/Brand	Technol.	Mat.	SCN	Seed Trt
08E5RR^	RR	0.8	S	IS
09E1RR^	RR	0.9	R	IS
10H7R2 [^]	RR2Y	1.0	S	CMBV
153R2Y	RR2Y	1.5	R	None
AG0934 §	RR2Y	0.9	R	ACi
AG1135 §	RR2Y	1.1	R	ACi
AG1431 §	RR2Y	1.4	R	ACi
AG1435 §	RR2Y	1.4	R	ACi
1308R2 §	RR2Y	1.3	R	ACi
DSR-1313/R2Y	RR2Y	1.3	R	CMB
DSR-1526/R2Y	RR2Y	1.5	R	CMB
DST15-008/R2Y	RR2Y	1.5	R	CMB
S09RY64	RR2Y	0.9	R	ССВ
S12RY44	RR2Y	1.2	R	CCB
S14RY95	RR2Y	1.4	R	CCB
SX16310R	RR2Y	1.0	R	ACi
	RR2Y		R	ACi
	RR2Y		R	ACi
H09R4		0.9		None
H11R5	RR2Y	1.1	MR	DST
		1.2	MR	DST
		1.3	MR	DST
H14R3	RR2Y	1.4	MR	DST
E0884R2	RR2Y	0.8	R	SS+
E1348R2	RR2Y	1.3	R	SS+
	RR2Y		R	SS+
L0685R2	RR2Y	0.6	R	SS+
L0838R2	RR2Y	0.8	R	SS+
L0982R2	RR2Y	0.9	R	SS+
		1.4	R	CCB,Me
L1538R2	RR2Y	1.5	R	CCB,Me
C1428R2	RR2Y		R	CCB
				NCFI
			R	ACi
			R	CCB,Me
•				CCB,Me
				CCB,Me
-				None
				None
				AC
				AC
				AC
				CCB
				None
101701123	INIXI	1.0	11	110110
	08E5RR^ 09E1RR^ 10H7R2^ 153R2Y AG0934 § AG1135 § AG1431 § AG1435 § 1308R2 § DSR-1313/R2Y DSR-1526/R2Y DST15-008/R2Y S09RY64 S12RY44 S14RY95 SX16310R 0814 GC 1414 GC H09R4 H11R5 H12R4 H13R5 H14R3 E0884R2 E1348R2 E1584R2 L0685R2 L082R2 L1438R2 L1538R2	08E5RR^ RR 09E1RR^ RR 10H7R2^ RR2Y 153R2Y RR2Y AG0934 § RR2Y AG1431 § RR2Y AG1431 § RR2Y AG1435 § RR2Y 1308R2 § RR2Y DSR-1313/R2Y RR2Y DSR-1526/R2Y RR2Y DSR-1526/R2Y RR2Y S09RY64 RR2Y S12RY44 RR2Y S14RY95 RR2Y SX16310R RR2Y U814 GC RR2Y H11R5 RR2Y H12R4 RR2Y H13R5 RR2Y H14R3 RR2Y E1348R2 RR2Y E1584R2 RR2Y L0685R2 RR2Y L0838R2 RR2Y L1438R2 RR2Y L1538R2 RR2Y C1428R2 RR2Y S15-P1 § RR2Y S15-P1 § RR2Y S15-P1 § RR2Y <td>08E5RR^ RR 0.8 09E1RR^ RR 0.9 10H7R2^ RR2Y 1.0 153R2Y RR2Y 1.5 AG0934 § RR2Y 0.9 AG1135 § RR2Y 1.4 AG1431 § RR2Y 1.4 AG1435 § RR2Y 1.4 1308R2 § RR2Y 1.3 DSR-1313/R2Y RR2Y 1.5 DSR-1526/R2Y RR2Y 1.5 S09RY64 RR2Y 0.9 S12RY44 RR2Y 1.2 SX16310R RR2Y 1.4 SX16310R RR2Y 1.0 0814 GC RR2Y 1.4 H09R4 RR2Y 0.9 H11R5 RR2Y 1.4 H12R4 RR2Y 1.2 H13R5 RR2Y 1.3 H14R3 RR2Y 1.4 E0884R2 RR2Y 1.5 L0685R2 RR2Y 0.6 L0838R2</td> <td>08E5RR^ RR 0.8 S 09E1RR^ RR 0.9 R 10H7R2^ RR2Y 1.0 S 153R2Y RR2Y 1.5 R AG0934 § RR2Y 0.9 R AG1135 § RR2Y 1.1 R AG1431 § RR2Y 1.4 R AG1435 § RR2Y 1.4 R 1308R2 § RR2Y 1.3 R DSR-1313/R2Y RR2Y 1.3 R DSR-1526/R2Y RR2Y 1.5 R DSR-155008/R2Y RR2Y 1.5 R SO9RY64 RR2Y 0.9 R S14RY95 RR2Y 1.4 R SX16310R RR2Y 1.0 R SX16310R RR2Y 1.4 R H09R4 RR2Y 0.9 MR H11R5 RR2Y 1.1 MR H12R4 RR2Y 1.2 MR</td>	08E5RR^ RR 0.8 09E1RR^ RR 0.9 10H7R2^ RR2Y 1.0 153R2Y RR2Y 1.5 AG0934 § RR2Y 0.9 AG1135 § RR2Y 1.4 AG1431 § RR2Y 1.4 AG1435 § RR2Y 1.4 1308R2 § RR2Y 1.3 DSR-1313/R2Y RR2Y 1.5 DSR-1526/R2Y RR2Y 1.5 S09RY64 RR2Y 0.9 S12RY44 RR2Y 1.2 SX16310R RR2Y 1.4 SX16310R RR2Y 1.0 0814 GC RR2Y 1.4 H09R4 RR2Y 0.9 H11R5 RR2Y 1.4 H12R4 RR2Y 1.2 H13R5 RR2Y 1.3 H14R3 RR2Y 1.4 E0884R2 RR2Y 1.5 L0685R2 RR2Y 0.6 L0838R2	08E5RR^ RR 0.8 S 09E1RR^ RR 0.9 R 10H7R2^ RR2Y 1.0 S 153R2Y RR2Y 1.5 R AG0934 § RR2Y 0.9 R AG1135 § RR2Y 1.1 R AG1431 § RR2Y 1.4 R AG1435 § RR2Y 1.4 R 1308R2 § RR2Y 1.3 R DSR-1313/R2Y RR2Y 1.3 R DSR-1526/R2Y RR2Y 1.5 R DSR-155008/R2Y RR2Y 1.5 R SO9RY64 RR2Y 0.9 R S14RY95 RR2Y 1.4 R SX16310R RR2Y 1.0 R SX16310R RR2Y 1.4 R H09R4 RR2Y 0.9 MR H11R5 RR2Y 1.1 MR H12R4 RR2Y 1.2 MR

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Prairie Brand	PB-1257R2	RR2Y	1.2	R	CCB,In
Prairie Brand	PB-1376R2	RR2Y	1.3	R	CCB,In
Prairie Brand	PB-1466R2	RR2Y	1.4	R	CCB,In
Renk	RS067NR2	RR2Y	0.6	R	CMB
Renk	RS084NR2	RR2Y	8.0	R	CMB
Renk	RS096NR2	RR2Y	0.9	R	CMBV
Renk	RS147NR2	RR2Y	1.4	R	CMBV
Stine	08RI02 §	RR2Y	8.0	R	SFI
Stine	10RD03 §	RR2Y	1.0	S	SFI
Stine	13RI32 §	RR2Y	1.3	R	SFI
Stine	14RD62 §	RR2Y	1.4	R	SFI
Thunder	3408R2YN	RR2Y	8.0	R	CMB
Thunder	3511R2YN	RR2Y	1.1	R	CMB
Thunder	3606R2YN	RR2Y	0.6	R	CMB
Thunder	3614R2YN	RR2Y	1.4	R	CMB
Titan Pro	TP-06R56	RR2Y	0.6	R	None
Titan Pro	TP-09R45	RR2Y	0.9	R	None
Titan Pro	TP-11R33	RR2Y	1.1	R	IS
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Footnotes and Abbreviation Descriptions

Brand Footnotes

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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
Р	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
Cl	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

 $[\]ensuremath{^{*}}$ Seed treatments may include unspecified plant health promoting components.