2016 Soybean Top 30 Harvest Report

Minnesota West Central [MNWC] BRANDON Don Olson, Douglas County, MN 56315

Oct 14



PREV. CROP/HERB: Corn

SOIL DESCRIPTION: Sinai clay loam, mod. well drained, non-irrigated SOIL CONDITIONS: Moderate P, moderate K, 7.6 pH, 3.9 % OM, no SCN

TILLAGE/CULTIVATION: Conventional w/ fall till

PEST MANAGEMENT: Roundup

HARVESTED - STAND:

SEEDED - RATE - ROW: May 16 140,000 /A 30" Spacing

133,900 /A

Roundup

All-Season Test Maturity Group 0.6 - 1.5

S2016MNWC01

Top 30 of 63

For Gross Income (Sorted by Yield)

Average of (2) Replications

THURSTED STANDS	00111 100,01	00 // (J ()	
				SCN	Seed	Yield	Moisture	Lodging		Gross
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.		◆ Bu/A ◆	%	%	(x 1000)	Income
Dyna-Gro	S09RY64	RR2Y	0.9	R	CCB	62.6	13.8	0	135.8	\$550
Asgrow	AG1435 §	RR2Y	1.4	R	ACi	61.4	13.8	0	90.8	\$539
Anderson	153R2Y	RR2Y	1.5	R	None	60.3	14.2	0	135.8	\$529
Latham	L0982R2	RR2Y	0.9	R	SS+	58.8	13.8	0	135.0	\$516
Latham	L1538R2	RR2Y	1.5	R	CCB,Me	58.7	13.7	0	135.8	\$516
Dairyland	DST15-008/R2Y	RR2Y	1.5	R	CMB	58.6	13.8	0	135.0	\$515
Latham	E1584R2	RR2Y	1.5	R	SS+	58.5	13.8	0	135.0	\$514
Hefty	H13R5	RR2Y	1.3	MR	DST	58.4	14.1	0	134.3	\$513
NorthStar	NS 1528NR2	RR2Y	1.5	R	None	58.3	13.9	0	135.8	\$512
Gold Country	0814 GC	RR2Y	8.0	R	ACi	58.0	14.2	0	135.8	\$509
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CCB,In	57.9	14.4	0	134.3	\$508
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB	57.8	13.9	0	134.3	\$508
Hefty	H12R4	RR2Y	1.2	MR	DST	57.8	14.1	0	134.3	\$507
Pioneer	P15T46R2 §	RR2Y	1.5	R	None	57.7	14.0	0	134.3	\$507
Dyna-Gro	S12RY44	RR2Y	1.2	R	CCB	57.6	14.3	1	133.6	\$505
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	CMB	57.5	13.9	0	135.8	\$505
Hefty	H11R5	RR2Y	1.1	MR	DST	57.1	14.2	0	134.3	\$501
Mustang	13327	RR2Y	1.3	R	ACi	57.0	13.5	0	134.3	\$501
Peterson Seed	15R07N GC	RR2Y	0.7	R	AC	56.9	14.3	0	133.6	\$499
Prairie Brand	PB-1257R2	RR2Y	1.2	R	CCB,In	56.8	14.4	0	134.3	\$498
Latham	L0838R2	RR2Y	8.0	R	SS+	56.7	14.3	0	134.3	\$497
Dyna-Gro	SX16310R	RR2Y	1.0	R	ACi	56.6	13.8	0	135.0	\$497
Hefty	H14R3	RR2Y	1.4	MR	DST	56.4	13.7	0	135.0	\$496
NK Brand	S13-H5 §	RR2Y	1.3	R	CCB,Me	55.9	13.9	0	134.3	\$491
Thunder	3614R2YN	RR2Y	1.4	R	CMB	55.2	13.5	0	135.0	\$485
Asgrow	AG0934 §	RR2Y	0.9	R	ACi	55.0	13.6	0	134.3	\$483
Prairie Brand	PB-1376R2	RR2Y	1.3	R	CCB,In	55.0	13.8	0	133.6	\$483
Stine	13RI32 §	RR2Y	1.3	R	SFI	54.7	13.8	0	134.3	\$480
Hefty	H09R4	RR2Y	0.9	MR	None	54.5	14.3	0	135.0	\$478
Asgrow	AG1431 §	RR2Y	1.4	R	ACi	54.4	14.0	0	133.6	\$478
					A	50.4	44.0		400.0	£400
					Averages =		14.0	0	133.9	\$466
5.5					SD (0.10) = SD (0.25) =		ns	ns		
Ed Dahle							ns	ns		
ed.dahle@firstseedtests.com, (507) 456-6624						9.3	Prev.	years avg	g. yield, 54.0) bu/a, 1 yr

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.80 GMO; \$8.80 non-GMO

TEST COMMENTS: This site had very good planting conditions. Our test cooperator, Don, said there was a dry period in July but rain came in a timely fashion after that. The harvest conditions were very good with dry plant stems and grain. The plant height was in the 36" high range. One replication was removed due to weeds and unexplained areas with variable yield. Results remain a bit variable so use with caution.

† 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: 10/16/2016 Revised:



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
				_	



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.