

**2011 BETTER VARIETIES Harvest Report for Mid-Atlantic [ MIDA ]**  
 Dave Smith, Lebanon County, PA 17042 [ LEBANON ]

S1MIDA04

PREV. CROP/HERB: Corn / Lumax  
 SOIL DESCRIPTION: clay loam, mod. well drained, non-irrigated 3.4 - 4.1 MAT. GROUP  
 SOIL CONDITIONS: mod. high P, moderate K, 6.4 pH, 3.7% OM 15" ROW SPACING  
 TILLAGE/CULTIVATION: no-till  
 PEST MANAGEMENT: Credit Extra  
 SEEDED - RATE: Jun 2 162,000 /A TOP 24 for YIELD of 24 TESTED  
 HARVESTED - STAND: Nov 14 155,900 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technol. <sup>†</sup>	Mat.	SCN Resist.	Seed <sup>††</sup> Trmt.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Mid-Atlantic Seed	MAS3802NRR*	RR	3.8	MR	AC	<b>61.5</b>	12.0	5.7	158.0	\$762.0
Hubner	H39-12R2	RR2Y	3.9	R	AC,E	<b>60.7</b>	14.5	12.7	153.3	\$750.3
Channel	4102R2	RR2Y	4.1	R	AC	<b>59.8</b>	14.2	3.0	158.0	\$739.5
Channel	3905R2	RR2Y	3.9	R	AC	<b>59.1</b>	14.8	7.3	158.0	\$730.1
Dyna-Gro	34RY36	RR2Y	3.6	R	AC	<b>58.9</b>	15.0	5.7	162.6	\$727.4
Channel	3402R2	RR2Y	3.4	R	AC	<b>58.2</b>	14.9	6.3	151.0	\$718.9
Doebler's	RPM DB3809RR^	RR	3.8	R	A,G	<b>57.4</b>	14.4	6.0	162.6	\$709.6
TA Seeds	TS4129R2	RR2Y	4.1	R	A,G	<b>57.3</b>	15.2	14.3	146.4	\$707.4
Pioneer	93Y91 GC	RR	3.9	R	AC,E	<b>57.0</b>	14.3	27.7	144.0	\$704.7
TA Seeds	TS3989RS	RR,STS	3.9	R	A,G	<b>56.9</b>	15.1	9.7	160.3	\$702.6
Hubner	H34-12R2	RR2Y	3.4	R	AC,E	<b>56.1</b>	14.8	7.0	153.3	\$693.1
Hubner	H34-11R2	RR2Y	3.4	R	AC,E	<b>55.6</b>	14.7	7.3	151.0	\$687.0
Dyna-Gro	37RY39	RR2Y	3.9	R	AC	<b>55.2</b>	14.1	40.7	160.3	\$682.7
Hubner	H36-12R2	RR2Y	3.6	R	AC,E	<b>55.2</b>	14.2	7.3	158.0	\$682.6
Channel	3701R2	RR2Y	3.7	R	AC	<b>54.0</b>	14.6	9.7	164.9	\$667.3
Dyna-Gro	36RY38	RR2Y	3.8	R	AC	<b>53.8</b>	12.5	8.0	160.3	\$666.6
NK Brand	S36-B6 GC	RR	3.6	S	CM	<b>53.4</b>	14.2	46.0	151.0	\$660.3
TA Seeds	TS3829R2	RR2Y	3.8	R	A,G	<b>53.2</b>	15.0	9.0	148.7	\$657.0
Doebler's	RPM DB3509RR^	RR	3.5	R	A,G	<b>52.7</b>	14.6	41.7	151.0	\$651.3
Mid-Atlantic Seed	MAS3781NRR	RR	3.7	R	AC	<b>51.7</b>	14.5	20.3	155.7	\$639.0
TA Seeds	TS3619RS	RR,STS	3.6	MR	A,G	<b>51.6</b>	14.8	54.7	148.7	\$637.5
Doebler's	RPM DB3309RR^	RR	3.3	MR	A,G	<b>50.7</b>	14.9	54.0	165.0	\$626.2
TA Seeds	TS4299RS	RR,STS	4.2	R	A,G	<b>50.1</b>	14.1	13.7	160.3	\$619.6
Mid-Atlantic Seed	MAS3955RR	RR	3.9	R	AC	<b>49.5</b>	15.3	13.7	158.0	\$611.0
Test Average =						<b>55.4</b>	<b>14.4</b>	<b>18.0</b>	<b>155.9</b>	<b>\$684.7</b>
LSD (0.10) =						3.7	1.9	15.4		
C.V. =						4.9	9.8			

  
 Robin Kauffman  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Excellent year for rainfall amounts. Heavy rains before leaf drop caused some varieties to lodge severely, yields for those severely lodged plots were only slightly lowered. Excellent plot to assess stalk/root strength and yield across these soybean varieties.*

Lat: N40.29092, Long: W-76.36652

Yield &amp; Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$12.39

<sup>†</sup> Technology: RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol

<sup>††</sup> Seed Treatment: A - Allegiance, AC - Acceleron, AM - ApronMaxx, AP - Apron XL, AV - Avicta, CM - CruiserMaxx, E - Excalibre, I - Inovate, G - Gaucho, O - Optimize, T - Trilex, T2 - Trilex 2000, T6 - Trilex 6000, V - Votivo

 Results in **bold** are significantly above the test average. GC = grower comparison product, \* brands without a seed lot number; ns = not significantly different

 Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 11/15/2011 Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^ G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

### Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

### Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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