



**TPM/IPM Weekly Report for Arborists,  
Landscape Managers & Nursery Managers  
University of Maryland Cooperative Extension  
Central Maryland Research and Education Center**

**September 23, 2005**

Stanton Gill (Entomologist), Paula Shrewsbury (Entomologist) and Ethel Dutky (Pathologist), Chuck Schuster (Extension Educator), Ginny Rosenkranz (Extension Educator), Suzanne Klick and Shannon Wadkins (Technicians)

**Do you have questions? Give us a call at 301-596-9413**

**October 6, 2005 Better Nursery Container Production Seminar**

**Time: 8:00 a.m. to 4:30 p.m.**

**Location: Randallstown, Maryland**

**Contact: Suzanne Klick, 301-596-9413**

**<http://www.agnr.umd.edu/ipmnet/crses97.htm>**

**Brown marmorated stink bug (*Halyomorpha halys*)**

Jeff Aldrich has found brown marmorated stink bug nymphs in his pheromone trap at USDA in Beltsville.

A nymph caught in a pheromone-baited trap was sent to Richard Hoebeke at Cornell University for verification, and it was *Halyomorpha halys*.

**If you see this bug, send in a sample to an Extension office or to MDA in Annapolis for verification.**



**Poplar Tentmaker, Angle-lined prominent, *Clostera inclusa***

Poplars are being fed on by the poplar tentmaker this week. This caterpillar is also found on willow trees. You can recognize these caterpillars by the black head capsule and the yellow parallel stripes running down the middle of the back.

**Control:** This late in the season control is not necessary



*Thank you to the Maryland Arborist Association, the Landscape Contractors Association of MD, D.C. and VA, Professional Grounds Management Society, Maryland Nursery and Landscape Association and FALCAN for your financial support in making these weekly reports possible. Photographs by Suzanne Klick and Stanton Gill unless otherwise noted.*

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## American Holly Wilting in Southern Maryland

The Home and Garden Information Center received several calls from people in Charles and St. Mary's counties who are noting that with the dry weather native plantings of American holly are wilting this week. Not much can be done until we start getting some decent rain.

## Drought Conditions

Due to the extended drought period we've been experiencing over the last month, we are receiving lots of reports of drought stress symptoms. Trees are dying back and becoming stressed. We are seeing premature leaf drop and fall coloring. White pines are showing scorched symptoms because of their shallow root system. Keep in mind that tree borers are opportunists and we may see borer injury on drought stressed plants.



Effect of 8 weeks of drought stress on maple



## Dogwood Sawfly

Marty Adams with Bartlett Tree Experts reported dogwood sawfly larvae on *Cornus alternifolia* in Cooksville on September 12.

**Control:** This late in the season control is not necessary.

## White Pines – Aphids and Sawfly

Marty Adams is also reported seeing aphids and sawflies on white pine in Columbia on September 13.

**Control:** The sawflies can be controlled with an application of Conserve. The aphids are controlled by a number of labeled materials.

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### Woolly apple aphid

Marty Adams reported woolly apple aphid on hawthorn in Columbia on September 16.

**Control:** Horticultural oil.



Woolly apple aphids covered by wax  
Photo by Joseph Berger, forestryimages.org



Wax removed to reveal aphids  
Photo by Joseph Berger, forestryimages.org

### Hickory horned devil

Louis Schweigman with Akehurst Landscape Services found a hickory horned devil on hickory in Abington on September 16. This is an interesting large caterpillar but control is not necessary.

**You can visit our web site and see an article on giant caterpillars of fall at [www.agnr.umd.edu/ipmnet/topics.htm](http://www.agnr.umd.edu/ipmnet/topics.htm)**

### Leopard moth

Mark Adams with The Brickman Group found an adult leopard moth on the lower trunk of an ash tree in Reisterstown on September 16. He noted that the larval stage has been known to bore into ash trees.

### Degree Day Information (as of September 22, 2005):

Annapolis	3449
College Park	3736
Ellicott City	3572
Frederick	2832
Germantown	3662
Glen Burnie	3230
Rockville	3490
Salisbury	3110
Silver Spring	3895
Waldorf	3824
Washington DC	3772

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## Weed of the Week - Velvetleaf

Velvetleaf, *Abutilon theophrasti*, is an erect summer annual from Asia, that can be found in nurseries and landscapes throughout the United States, and is considered noxious in some states. This broadleaf weed can grow up to seven feet in height, the leaves are heart shaped, alternate, and are two to six inches in diameter. The leaves will be densely covered with hair on both upper and lower surface. The leaf veins will originate from a central common point and radiate outward.

Single flowers are produced on a short stalk between the stems and petioles. These flowers will be from ½ to 1 inch in diameter with orange petals.

Control of Velvetleaf is accomplished early in the season with pre emergent broad leaf herbicides and post emergent with the use of products that include glyphosate.



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