



## Pests and Pesticides in Child-serving Facilities: An IPM Newsletter



[http://hotlix.com/insect\\_candy/insect\\_candy.html](http://hotlix.com/insect_candy/insect_candy.html)

### Don't Miss Out on the Edible Insects at UT Extension's School IPM Regional Workshops on May 18, 2012

The University of Tennessee Extension is encouraging all schools in Tennessee to adopt an integrated pest management (IPM) program in accordance with the National PMSP's (Pest Management Strategic Plan) call for all the nation's schools to be using IPM by 2015. IPM is a common sense approach to pest management that emphasizes the use of low risk but effective means to suppress pests. Children are more vulnerable to pesticides because their organ systems have not reached developmental maturity. Because children spend considerable time at school, they increase their risk of pesticide exposure if pesticides have been applied in a manner inconsistent with IPM. Pests pose risks from venomous bites, disease transmission, and allergic responses and may disrupt the learning environment. School IPM programs aim to reduce and balance risks from pests and pesticides to school occupants and the environment.

We would like to invite representatives (director of schools, custodial staff, facilities supervisor, grounds staff, kitchen staff, maintenance supervisors, and the pest management professional) from your school system to attend one of the following workshops:

**Paul Caywood Elementary School**  
162 Monroe Ave., Lexington, TN 38351 on May 18, 2012 at 10:00 AM

Or

**Maury City Elementary School**  
5442 Hwy 88, Maury City, TN 38050 on May 18, 2012 at 2:00 PM

### Special points of interest:

- > West TN School IPM Workshops May 18
- > Webinars—
  - May 10 Fire ants
  - May 17 Ant Management

### National Healthy Schools Day April 24, 2012

[www.nationalhealthyschoolsday.org](http://www.nationalhealthyschoolsday.org)

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The purpose of the workshops will be to showcase these schools as model IPM systems for surrounding counties and to view IPM in action. We will have a short lecture on IPM and demonstrate how to inspect the building and its perimeter. We will provide snacks for all attendees and mileage reimbursement for one vehicle from each school system. Please encourage your school system's pest management professional to attend too.

Save the date to talk to the staff at the pilot school and learn about simple things that you can do to improve pest management. All employees have an effect on their school's IPM program. Even staff with no formal responsibility for pest control can determine the degree of success of an IPM program; every employee has some influence on the school environment. We look forward to seeing you on May 18th. Information about registration and reimbursement for mileage is attached. If you plan to attend, please respond to Pat Barnwell ([pbarnwel@utk.edu](mailto:pbarnwel@utk.edu) or 865-974-2711) by May 14<sup>th</sup> because we wouldn't want to run short on the flavored crickets (salt n'vinegar, bacon & cheese, and sour cream & onion), larvettes (bbq, cheddar cheese and Mexican spice) and the cricket lollipops (strawberry, grape, blueberry and orange flavors).

This announcement and other information on training opportunities will be posted to our web site at <http://schoolipm.utk.edu>

## Upcoming IPM Webinars

**Fire Ant Control Made Easy**, on **Thursday, May 10** from **11 a.m. to 12 p.m. EDT** (10 to 11 a.m. CDT or 8 to 9 a.m. PDT) that is brought to you by the Imported Fire Ant eXtension Community of Practice. [http://www.extension.org/fire\\_ants](http://www.extension.org/fire_ants)

Killing fire ants is actually easier than you think - if you understand how they live. This seminar will help you learn how to apply integrated pest management tactics that are as economical and environmentally friendly as possible. You'll also learn about fire ant biological control agents such as the *Pseudacteon* phorid flies.

### Topics

**How Can You Tell if You Have Fire Ants?** Dr. Jason Oliver, Tennessee State University  
**Understanding the Biology and Behavior of Fire Ants**, Dr. Kathy Flanders, Auburn University  
**Managing Imported Fire Ants**, Dr. Bastiaan Drees, Professor, Texas A&M University  
**Biological Control of Fire Ants**, Dr. Lawrence Graham, Auburn University



To participate, log in as "guest" at <http://connect.extension.iastate.edu/fireant>

If you have specific questions that you want us to address during the webinar, post them to the Imported Fire Ant eXtension Facebook page (Fire Ant Info).

Find more information on fire ants at [www.extension.org/fire+ants](http://www.extension.org/fire+ants) or on Facebook (Fire Ant Info), Twitter (@FireAntInfo), or YouTube (eXfireants).

## Upcoming IPM Webinars, Continued

**Ant Management**, on **Thursday, May 17** from **11 a.m. to 12 p.m.** EDT (10 to 11 a.m. CDT or 8 to 9 a.m. PDT) and brought to you by the Urban Integrated Pest Management eXtension Community of Practice. [http://www.extension.org/urban\\_integrated\\_pest\\_management](http://www.extension.org/urban_integrated_pest_management)

Managing ants is actually easier than you think—if you understand how they live. This seminar will help you learn how to apply integrated pest management tactics that are as economical and environmentally friendly as possible.

### Topics:

- **How Can You Tell if You Have Odorous House Ants?** Dr. Karen Vail, University of Tennessee
- **Understanding the Biology and Behavior of Carpenter Ants**, Dr. Dan Suiter, University of Georgia
- **Managing Problems with Pharaoh Ants**, Dr. Michael Merchant, Texas A&M University

Find more information on Urban Integrated Pest Management at [www.extension.org/urban\\_integrated\\_pest\\_management](http://www.extension.org/urban_integrated_pest_management) or on Facebook ([www.facebook.com/urbanipm.page](http://www.facebook.com/urbanipm.page)), Twitter (@URBANIPMtweets).

To participate, log in as “guest” at <https://connect.extension.iastate.edu/urbancop>

If you have specific questions that you want us to address during the webinar, post them to the Urban Integrated Pest Management eXtension Facebook page (Urban Integrated Pest Management: [www.facebook.com/urbanipm.page](http://www.facebook.com/urbanipm.page))



Watch this seminar to be able to determine which ant in the above images is the odorous house ant, the Pharaoh ant and the black carpenter ant!

Images from:

<http://missisippientomologicalmuseum.org.msstate.edu//Researchtaxapages/Formicidaepages/genericpages/Monomorium.pharaonis.htm>

<http://missisippientomologicalmuseum.org.msstate.edu//Researchtaxapages/Formicidaepages/genericpages/Tapinoma.sessile.htm>

<http://missisippientomologicalmuseum.org.msstate.edu//Researchtaxapages/Formicidaepages/genericpages/Camp.pennsylvanicus.html>

**UT YEAH Contact Information:**

Karen Vail, Ph.D., Professor,  
 Urban IPM Specialist, UT Extension  
 205 Ellington Plant Sciences Bldg.  
 2431 Joe Johnson Drive  
 Knoxville, TN 37996-4560  
 ph: (865) 974-7138  
 fax: (865) 974-4744  
 email: [kvail@utk.edu](mailto:kvail@utk.edu)  
 web: <http://schoolipm.utk.edu>  
<http://eppserver.ag.utk.edu/personnel/Vail/vail.htm>



Martha Keel, Ph.D., Professor  
 Housing & Environmental Health Specialist,  
 UT Extension  
 218 Morgan Hall  
 ph: (865) 974-8197  
 fax: (865) 974-5370  
 email: [mkeel@utk.edu](mailto:mkeel@utk.edu)  
 web <http://utyeah.utk.edu>

**Comments or questions  
 on this newsletter?  
 Contact kvail@utk.edu**

James P. Parkman, Ph.D.  
 Former UTIA IPM Coordinator  
 205 Ellington Plant Sciences Bldg.  
 ph: (865) 974-7135  
 fax: (865) 974-4744  
 email: [jparkman@utk.edu](mailto:jparkman@utk.edu)

Mary Rogge, Ph.D., Assc. Professor  
 UT College of Social Work  
 225 Henson Hall  
 ph: (865) 974-7500  
 fax: (865) 974-4803  
 email: [mrogge@utk.edu](mailto:mrogge@utk.edu)

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**For more information about IPM in Tennessee schools and other facilities, or to view past issues of *Pests and Pesticides in Child-serving Facilities*, please visit [schoolipm.utk.edu](http://schoolipm.utk.edu) or [utyeah.utk.edu](http://utyeah.utk.edu)**

**NATIONAL IPM INFORMATION**  
 eXtension's Pest Management In and Around Structures: Urban Integrated Pest Management  
<http://www.extension.org/Urban%20Integrated%20Pest%20Management>

National School IPM  
[schoolipm.ifas.ufl.edu/](http://schoolipm.ifas.ufl.edu/)

IPM in Schools Texas  
[schoolipm.tamu.edu/resources.htm](http://schoolipm.tamu.edu/resources.htm)

IPM Institute of North America  
[www.ipminstitute.org/](http://www.ipminstitute.org/)

School IPM PMSP—all schools IPM by 2015  
[http://www.ipminstitute.org/school\\_ipm\\_2015.htm](http://www.ipminstitute.org/school_ipm_2015.htm)

National Pest Management Association IPM  
[www.whatisipm.org/](http://www.whatisipm.org/)

EPA schools  
[www.epa.gov/pesticides/ipm/schoolipm/index.html](http://www.epa.gov/pesticides/ipm/schoolipm/index.html)

For further information about the IPM program at your school or in your county, contact your county Extension Agent or the school IPM Coordinator. For county agent contact information, please visit [www.agriculture.utk.edu/personnel/districts\\_counties/default.asp](http://www.agriculture.utk.edu/personnel/districts_counties/default.asp)

**Precautionary Statement**

To protect people and the environment, pesticides should be used safely. This is everyone's responsibility, especially the user. Read and follow label directions carefully before you buy, mix, apply, store or dispose of a pesticide. According to laws regulating pesticides, they must be used only as directed by the label.

**Disclaimer**

This publication contains pesticide recommendations that are subject to change at any time. The recommendations in this publication are provided only as a guide. It is always the pesticide applicator's responsibility, by law, to read and follow all current label directions for the specific pesticide being used. The label always takes precedence over the recommendations found in this publication.

Use of trade or brand names in this publication is for clarity and information; it does not imply approval of the product to the exclusion of others that may be of similar, suitable composition, nor does it guarantee or warrant the standard of the product. The author(s), the University of Tennessee Institute of Agriculture and University of Tennessee Extension assume no liability resulting from the use of these recommendations.

Programs in agriculture and natural resources, 4-H youth development, family and consumer sciences, and resource development. University of Tennessee Institute of Agriculture, U.S. Department of Agriculture and county governments cooperating. UT Extension provides equal opportunities in programs and employment.