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Past Issues

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Pest Management in and Around Structures:

<http://www.eXtension.org/>

Celebrate National Healthy Schools Day!

April 8 is National Healthy Schools Day! Thanks to the thousands of you to who work tirelessly and quietly to create healthy environments for our kids! While many may not realize it, by eliminating pests from the learning environment, a distraction has been eliminated, which is particularly important with FCATs coming up.

All Florida schools should have IPM as the method of pest control according to SREF, Chapter 5:

"(e) Board Policies. The Board's policies and procedures for maintenance, casualty safety, sanitation and housekeeping shall cover both existing and new facilities. These policies and procedures shall provide for program organization, financing, fiscal control, staffing, scheduling of work, and evaluation, including the following:

(5) Operating pest management programs in accordance with the EPA's Integrated Pest Management in Schools guidelines (<http://schoolipm.ifas.ufl.edu/>), which employ the use of effective measures to prevent harborage, propagation, or infestations of rodents, flies, cockroaches, and other insects on school premises.

The Florida School IPM Best Management Practices are posted at: <http://schoolipm.ifas.ufl.edu/Florida/Floridaipmbmp2012.pdf> . Other resources can be found at: Florida's School IPM website (<http://schoolipm.ifas.ufl.edu/>) and EPA's on Health School Environments site (<http://www.epa.gov/schools/>).

Interested in starting an IPM program? It can be as simple as fixing door sweeps! See our continuing series on Fixing the Building Envelope.

School IPM Focus-Fix the Building Envelope

Message from Faith: If you are a school district (or school) willing to make a commitment to fix the door sweeps on external doors, as progress toward sustainable IPM, please let me (foi@ufl.edu) know so we can highlight your commitment.

State Requirements
for Educational Facilities

2012



Kudos! On March 10, I heard from Brian Bettis (IPM Coordinator) that "The Lewisville ISD (Texas) IPM department has replaced the sweeps on 72 of our 76 buildings since January 15th. We will finish them shortly. Has really helped with rodent exclusion."



Building Envelope: Doors and Windows

Keeping doors and windows sealed properly can:

- Prevent the introduction of pests into the structure
- Improve indoor air quality by reducing the introduction of air-borne allergens from the outside
- Improve energy efficiency by minimizing loss of conditioned air
- Reduce the likelihood of moisture intrusion

Pests That Can Be Prevented by Fixing the Building Envelope: Flies

Filth flies are pests that can originate from the outdoors and become indoor problems. Filth flies include house flies, bottle flies and phorid flies (Fig 1 a-c). It is important to prevent and control filth flies because they can carry disease-causing organisms that may come from the garbage that these flies frequent in search of food and breeding media. These flies also can cause considerable disruption to class and meal times.

Sealing windows and doors tightly can easily prevent filth flies and other flying pests. Pest prevention is always preferred to controlling an active infestation. Habitat destruction is the most effective method of control for a breeding population of flies. Once established, many filth flies can be a challenge to manage in commercial and institutional accounts because finding the breeding media is not always obvious. Below are some exclusion and sanitation tips for preventing and controlling filth flies and other flying insect pests within structures.



Fig 1. Filth flies commonly are encountered as indoor pests that originate from the outside. A: House Fly, B: Blow fly, C: Phorid fly. Photo A and B credit: Dr. J. F. Butler. Photo C Credit: <http://edis.ifas.ufl.edu/ig091>.

Exclusion and Sanitation Tips:

- Ensure screens, doors, and weather stripping are properly maintained to eliminate entry points for flying pests (Fig 2).

- Cover trash cans and dumpsters securely
- Keep exterior trash receptacles away from entry points such as doors and windows. (We recommend at least 30 feet.)
- Eliminate food that can attract flies and serve as breeding sites by disposing of unwanted material or sealing food to deny flies access



Fig 2. Damaged screen that can create an easy access point for flying pests to enter a structure. Photo credit: Kudzu.com.

For additional information regarding filth fly prevention click [here](#).

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Want to hear short updates from us in between newsletters? “Like” us on Facebook and “follow” us on Twitter!

 [Facebook](#)

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Upcoming Training Opportunities

If you plan on taking the [State Certified Operator examination](#) through PMU, please submit your applications by:

Sept 8 for the Oct 17 PMU [State Exam](#) for Termite and WDO

(Write “**PMU NOV WDO**” on the top line of the state application)

Oct 1 for the Nov 7 PMU [State Exam](#) for GHP

(Write “**PMU OCT GHP**” on the top line of the state application)

April Offerings

Foundations of Turf Management (CANCELLED)

Date: April 9-11, 2014

Time: 8 AM-5 PM (W, TH); 8 AM-12 PM (F)

Place: UF/IFAS Apopka MREC, 2725 S. Binion Rd, Apopka, FL 32703-8504

May Offerings

Foundations of Ornamentals Management (NEW!)

Date: May 14-16, 2014

Time: 8 AM-5 PM (W, TH); 8 AM-12 PM (F)

Place: UF/IFAS Apopka MREC, 2725 S. Binion Rd, Apopka, FL 32703-8504

Registration fee: \$375

Learn how to properly ID common southern trees and shrubs, monitor and diagnose pest and maintenance problems, ID beneficials, calibrate and operate different pesticide application equipment, and impress your instructors with your landscape IPM expertise.

[Register here](#)

Foundations of General Household Pest Management

Date: May 28-30, 2014; Wed-Fri

Time: 8 AM-5 PM (W, TH); 8 AM-12 PM (F)

Place: UF/IFAS Apopka MREC, 2725 S. Binion Rd, Apopka, FL 32703-8504

Registration fee: \$375

Pest control matters. Cockroach allergen mitigation can be achieved with IPM. Class duration: 2.5 days.

- Study domestic and peridomestic cockroach species and how to control them as well as rodent, small fly, filth fly, fire ant and nuisance ant management.
- Review the labels of commonly used GHP products, practice pest inspections at PMU's house and develop treatment strategies focused on IPM.
- Do a vehicle inspection and spill drill with Paul Mitola from DACS.

[Register here](#)

June Offering

Foundations of Termite Management

Date: June 18-20, 2014

Time: 8 AM-5 PM (W, TH); 8 AM-12 PM (F)

Place: UF/IFAS Apopka MREC, 2725 S. Binion Rd, Apopka, FL 32703-8504

Learn how termites exploit over 50 building construction elements and how to treat them in a hands-on environment in 2-days instead of 2 years.

- Practice doing a DACS vehicle inspection and spill drill with Paul Mitola from DACS before a crisis occurs.
- Hear about the top 10 reasons technicians get in trouble and how to avoid them from Mark Ruff, industry attorney.
- Get more in-depth information on termite biology and behavior as well as product label navigation. Class duration: 2.5 days.

[Register here](#)

ADDITIONAL COURSES

Click on links for course descriptions or go to <http://pmu.ifas.ufl.edu/courses>

WDO category

July 30, 2014, [Termite Basics](#). Anyone in sales, office management, or brand new to the industry, this is the course for you.

Oct 15-17, 2014, [Termite Masters](#), **must** have taken Foundations

Dec 3-5, 2014, [Termite Expert](#), **must** have taken Foundations and Masters

GHP Category

July 31, 2014, [GHP Basics](#) . Anyone in sales, office management, or brand new to the industry, this is the course for you

Nov 5-7, 2014, [GHP Masters](#), **must** have taken Foundations

L&O Category

Please contact Dr. Eileen Buss (eabuss@ufl.edu, (352) 273-3976) directly with questions concerning these courses.

Sept 24-26, 2014, [Turf Foundations. Doing turf work? This is a must have course.](#)

News!



We hope you will submit news items and would be happy to help you write a story if you have an idea but don't have the time to write up the information. We like to share news and video when it happens using our social media outlets- **Twitter**, **Facebook** and **YouTube**. When you send news we will post it on one or more of these sites and again in the monthly newsletter. Feel free to send news or announcements as soon as they happen and we will post them. We hope this will get you more visibility. Please send news items to **Michael Bentley**.

Visit our website for back issues of **Florida School IPM News**. You can scan the QR code on the right with your smart phone or tablet to get there faster. You will need a QR code reader!