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## Past Issues

### Online Training Available:

<https://eces.ifas.ufl.edu/>

### Pest Management in and Around Structures:

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

### Contact Us:

<http://schoolipm.ifas.ufl.edu/>

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## School IPM Focus- Bed Bugs

The kids have been back in school for about 3 weeks now and it's time to start looking for bed bugs. Why is 3 weeks the magic number? Because it takes about 6 to 17 days for eggs to hatch, depending on temperature; and a remarkably short 21 days to go from egg to adult if the temperatures are warm (about 86°F).

So, if a gravid (pregnant) female bed bug is allowed to go undetected, she can lay between 1-12 eggs a day for an average of a couple of hundred eggs and up to 500 eggs in her life time. In about 3 weeks, you will see her offspring either as nymphs or adults in the tens to hundreds—which should be detectable at this point. Depending on availability of food (blood), bed bugs can spend several weeks as nymphs and live as long as 12-18 months as adults.

An INFESTATION of bed bugs in school should be a rare event. Help prevent infestations by recognizing the signs of a bed bug infestation. Please use our bed bug [information for schools](#).

Also, as part of the Statewide Bed Bug Work Group, we've launched a [new comprehensive website](#) for the State.

You may also access University of Florida bed bug information, including our article [What NOT to Do for Bed Bugs](#), on [EDIS](#), type "bed bugs" in the search box for even more results.

As always for more information on pests or on developing an IPM program please visit our [website](#).

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## Know the Facts: Signs of a Bed Bug Infestation

- Blood stains that may be rusty in color from smashed bed bugs
- Cast skins from bed bugs that have molted
- Musty odor that some characterize as "sweet" and others as offensive if infestations are large
- Can you recognize the different stages of bed bugs? See some photos below to help you in identification:



Nymph emerging from egg



Blood engorged nymph



Empty egg cases and blood spots



Engorged adult with pencil tip for scale



Unengorged adult

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## Last Call for this Training Opportunity

Don't miss out on the **only Master of Termite Management for 2012!**

**Date:** Sept. 26-28, 2012; W-F

**Place:** UF/IFAS Apopka MREC

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

**Cost:** \$350

**Registration will close on Sept 21, 2012; Friday.** (Note: Registration deadlines are earlier than most CEU classes because each class is tailored for the folks enrolled, so we require time to print the material that will be distributed for each class and gather supplies for the hands-on training.)

### Registration Form

Hear about the top 10 reasons that certified operators get in trouble and how to avoid them from Mark Ruff, industry attorney. Learn about borate treatments, baits and how termiticides work in this class. We review termite biology and discuss beetles and wood-decay fungi. Find

out what DACS is looking for on a properly filled out 13645 and why this inspection is different than an annual renewal inspection. Play with the Bayer University termite toys and more!

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## 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. This newsletter will be published as content arrives, please keep the information flowing! Please send news items to **Jennifer Gillett-Kaufman**.

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!