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Online Training Available

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

Additional Resources

University of Florida
Extension Publications

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

Pest Management in and
Around Structures

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

PMU Focus - Termites

By: Faith Oi

Happy New Year, PMU! Can you believe that this will be our 10th anniversary? It all started with a request from the industry to provide training on termites! It seems fitting to start the year with a PMU Focus on termites. One of the components of successful termite treatments is understanding basic slab types. Can you/your technicians name the following slab types and match them to the correct label rates?

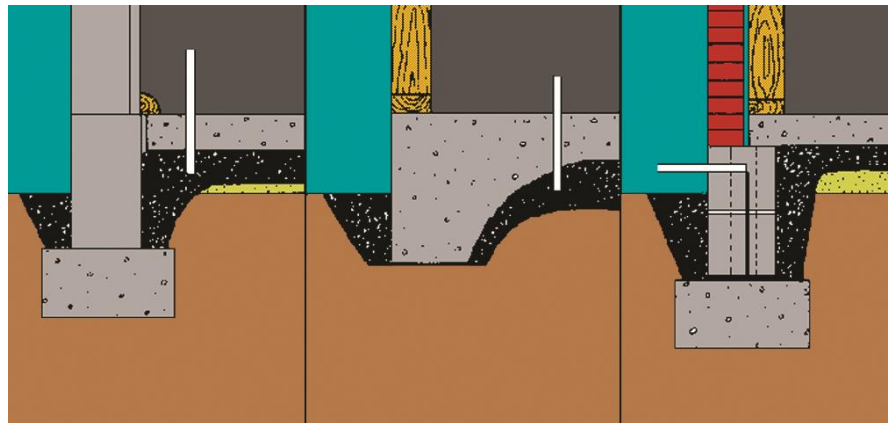


Fig. 1. Common slab types in Florida. (Answers below.)

To what do the following rates correspond? (Check your product label for answers!)

1 gal / 10 square feet? How about 4 gal / 10 linear feet?

- Vertical treatments
- Horizontal treatments
- Hollow block foundations/voids
- Critical areas

Swarms inside a structure can be cause for closer inspection depending on number and location. Figure 2 is a summary of when to expect different termite swarms. UF/IFAS' interactive

termite distribution map can be found here:

<http://flrec.ifas.ufl.edu/termites-in-florida/termite-distribution/>

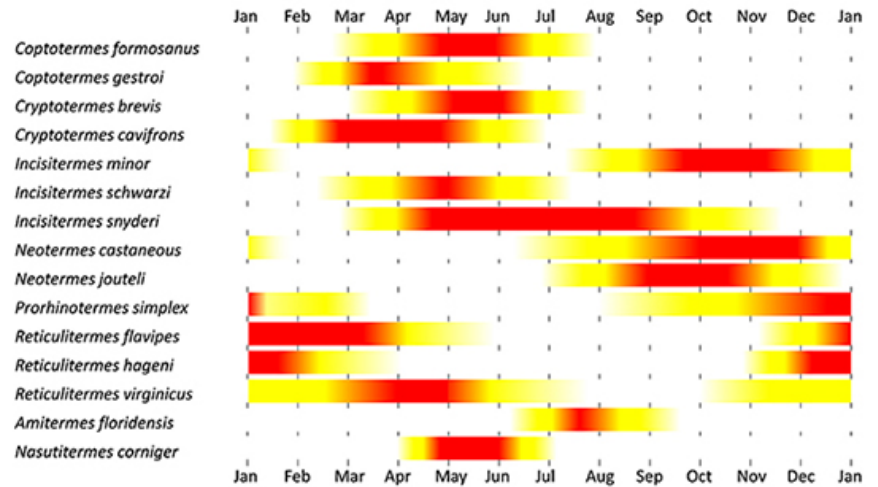


Fig. 2. "Swarming season can be species-dependent. Here is an example of the seasonal swarming activity of some Florida species (Red=high activity, Yellow=medium activity, White=low to no activity)." (From <http://flrec.ifas.ufl.edu/termites-in-florida/swarming-events/>)

One of the few places in the U.S. where you can get regular, up-to-date hands-on training on termites is at PMU. Come to [Termite Foundations](#) to learn more!

(Fig 1 answers from left: floating, monolithic, and suspended concrete slabs. (ENY-210))

We (Still) Need Your Ticks!

- We are continuing our work on the BDT resistance profiling
- Current work is focused on the sodium channel mutation that confers pyrethroid resistance



Figure 1. Engorged female brown dog tick, about the size of a raisin.

WE NEED TICKS!!!

- Email pkaufman@ufl.edu for details and permits (if not in FL).
- 5 blood-fed females
- Shipped live to Kaufman

Upcoming Training Opportunities:

...Did you know that PMU can help you by

- Partially satisfying the 482/5E-14 requirement for initial technician training hours?

Plan to take the state exam with PMU while the information is still fresh in your mind! The state has graciously allowed us to hold the state certified operator examination at the end of each Masters course so plan to attend! We hold optional reviews in the evenings. To qualify, you must:

- Take the Foundations **and** Masters courses for GHP, WDO, or L&O
- Fill out an application package for the certified operator exam either
 - [Online](#); deadline one week before exam

January 2017 Offerings

Foundations of Termite Management 101

Date: Jan 11-13, 2017; W-F

Place: UF/IFAS Apopka MREC

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

Registration fee: \$375

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.

[Register here](#)

Foundations of Lawn and Ornamentals Pest Management 101

Date: Jan 25-27, 2017; W-F

Place: UF/IFAS Apopka MREC

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

Registration fee: \$375

- Learn about the general Florida licensing requirements for technicians and sales staff.
- Be able to pass DACS vehicle inspections, practice doing a spill drill, and learn the best ways to minimize risks before, during, and after an application.
- Learn to identify diseases, insects, and weeds in lawns and ornamentals via classroom and a walking tour as well as best management practices for their control.
- Gain hands on experience reading and understanding pesticide labels, calculating treatment areas, and calibrating application equipment for lawns, shrubs, and other ornamental plants.

[Register here](#)

Foundations of General Pest Management 101

Date: Jan 25-27, 2017; 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

- Study domestic and peridomestic cockroach species and how to control them as well as rodent, small fly, filth fly, mosquitoes, occasional invaders, 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](#)

Click on "Register here" for course descriptions or go to <http://pmu.ifas.ufl.edu/courses> for more information

Learn more from IFAS



- UF/IFAS has Extension Offices in each of Florida's sixty-seven counties. We also have twelve Research and Education Centers (RECs) and Research and Demonstration Sites (RDSs).
- If you need help a great place to start is your local County Extension Office. With an office located in every county it has never been easier to partner with the University of Florida and your local County Government. To find an office near you please visit:
<http://solutionsforyourlife.ufl.edu/map/>