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Online Training Available
<https://pmu.ifas.ufl.edu/>
<https://eces.ifas.ufl.edu/>

Additional Resources

University of Florida
Extension Publications
<http://edis.ifas.ufl.edu/>

Pest Management in and

Pest Calendar - Seasonal Ant Activity

By Mike Bentley

February is a good month to solidify your ant management strategies. Pest ants are affected by temperature. Ants, like all insects, are [ectothermic](#) which means their body temperature is controlled by the ambient (air) temperature. When air temperatures get too cold (about $\leq 55^{\circ}\text{F}$), the ant's body temperature falls and ant activity decreases. In Florida, air temperatures are generally warm enough for ants to remain active from early spring through late fall (Fig 1).

	Winter			Spring			Summer			Fall		
Pest	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov
Ants												

Fig 1. Seasonal pest ant activity in Florida. Graphic by: Michael Bentley, University of Florida.

PMU Focus - Ant Management



Fig 2. Dead tawny crazy ant (*Nylanderia fulva*) workers along the foundation of a treated structure. Photo: Michael Bentley, University of Florida.

Ants are social insects that live in colonies like bees, wasps, and termites. There are over 12,000 known ant species worldwide, but only a fraction are pest ants. Ants are considered pests because they infest structures, contaminate foods, and some species can inflict a painful sting. Managing ants can be difficult because eliminating just a few ants in a colony will not resolve an infestation. The IPM approach to managing pest ants combines non-chemical and chemical control methods that

exploit the biology and social behavior of ants. In the next issue we will focus on non-chemical control methods of ants. For a review of ant biology and identification, click [here](#).

Upcoming Training Opportunities:

UNIVERSITY OF FLORIDA & LANDSCAPE MANAGEMENT ASSOCIATION CERTIFICATION CLASS REGISTRATION TIME IS HERE! Click [here](#) for more information.

If you plan on taking the [State Certified Operator examination](#) through PMU, you must take both the Foundations and Masters courses. State examinations will be held on Friday, 1 PM, after the completion of the Termite and GHP Masters courses.

Application packets are due to FDACS on:

- Sept 1 for the WDO exam
- Sept 15 for the GHP exam

Please write "PMU" across the top of your application.

Foundations of General Pest Management 101

Date: February 11-13, 2015; Wed-Fri ([Next GHP Foundations, March 25-27, 2015](#))

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.

- 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](#)

Foundations of Ornamental Plant Pest Management

Date: Feb 18-20, 2015; 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

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 Termite Management 101

Date: Feb 25-27, 2015; 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

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](#)

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

**UNIVERSITY OF FLORIDA & LANDSCAPE
MANAGEMENT ASSOCIATION CERTIFICATION CLASS
REGISTRATION TIME IS HERE!**

Registration is opens March 23rd to enroll in Landscape IPM: Ornamentals and Turf, and take your first steps toward getting a UF Pest Management Certificate or becoming LMA certified!

A three credit/six week course will be offered starting June 29, 2015 at the University of Florida (UF). The course is called "Landscape IPM: Ornamentals and Turf" and is course number IPM 4254. This course will be offered for UF credit and will be available for students that are enrolled at UF or for people outside UF that are interested in the material. UF will offer the

course in summer (2015) and it will be available 100% online. You must have computer and internet access to take this class. This course is for UF juniors and seniors and landscape and pest management supervisors and owners.

This course will be used as a measure for LMA Certification. The LMA will offer students who pass this class (with an A or a B) the opportunity to become LMA Certified without additional testing since they will be tested as part of the course. This course will also count towards a UF Certificate in Landscape Pest Management.

Learn more about the UF distance program, including costs and how to register-

<http://entnemdept.ufl.edu/academics/distance/>

To register for this course please complete a Non-degree Registration Request at the following web-site:

<http://www.isis.ufl.edu/cgi-bin/eaglec?MDASTRAN=nda-intro>

You will need to fill out some personal information on the form and the following course information: * Select Year and Term of Registration: 2015 Summer (June) * College: THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES - Entomology Undergrad Distance Courses * Course Information: Prefix- IPM. Number- 4254.

If you have trouble filling out this form and registering for the course please contact Ms. Ruth Brumbaugh, Entomology and Nematology Department Student Services Coordinator. Phone: 352-273-3912 Email: brumbaugh@ufl.edu

Please let Ms. Brumbaugh know you are attempting to register for the course as a Nondegree seeking student so she knows how to help you.

If you would like more information about the course please contact the course instructor Dr. Jennifer L. Gillett-Kaufman Phone: (352)273-3950 Email: gillett@ufl.edu. She cannot help you with registration and will forward all registration requests to Ms. Brumbaugh.

[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/>