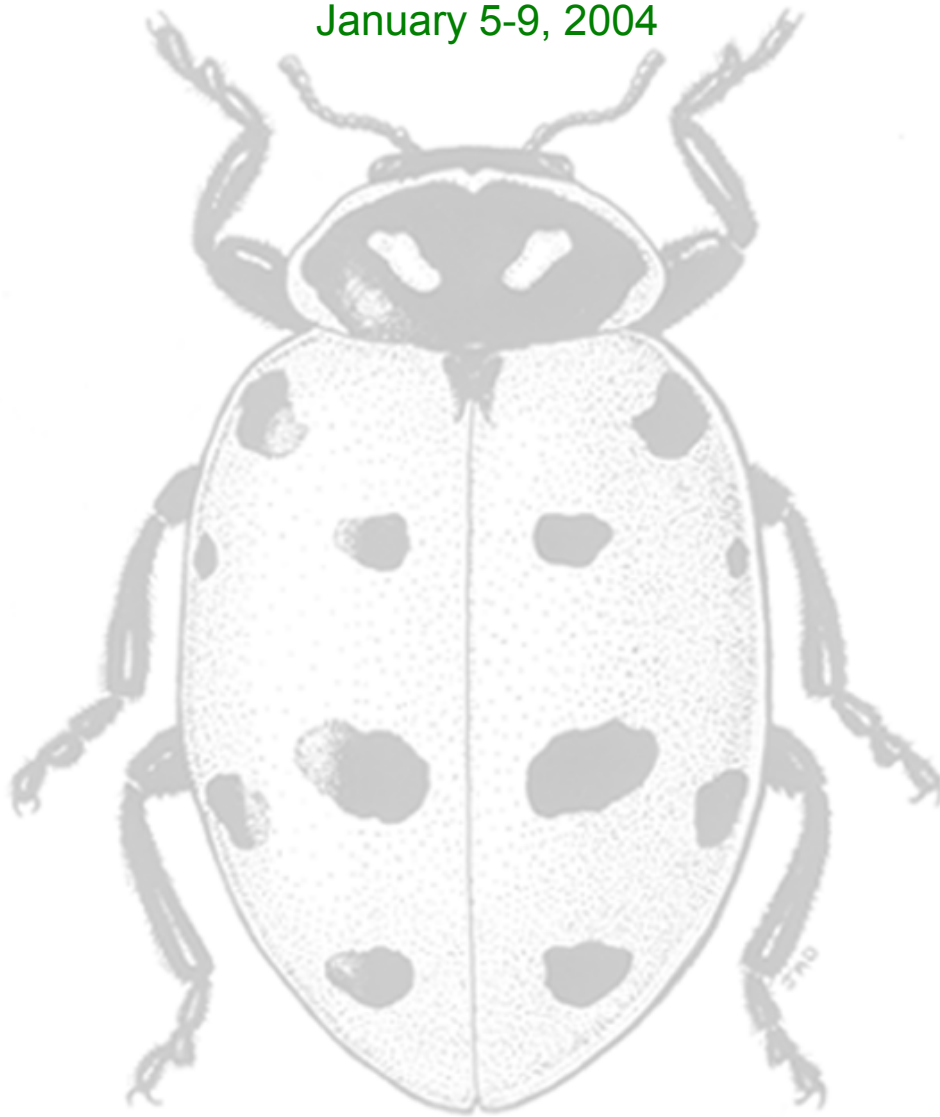


2004 Advanced Landscape Plant IPM PHC Short Course

January 5-9, 2004



For more information, contact:

Ms. Debbie Wilhoit
Entomology Department
University of Maryland
College Park, Maryland 20742
Telephone: 201-405-3913
email: debrar@umd.edu

**2004 Advanced Landscape Plant IPM PHC Short Course
January 5-9, 2004**

GENERAL INFORMATION FOR REGISTRATION

WHERE

The 2004 Advanced Landscape Plant IPM PHC Short Course will be held in the Entomology Department of the Plant Sciences Building on the University of Maryland campus in College Park, MD.

MEALS AND HOTELS

A continental breakfast will be available each morning at 7:30 a.m. in the Plant Sciences Building. Lectures begin at 8:00 a.m. Lunch, dinner and lodging are not included in the registration fee. Meals are available at the nearby Adele Stamp Student Union and are within walking distance at local restaurants along Baltimore Blvd. (Route 1). A map to area restaurants will be provided for those who wish to dine off campus. We have blocked rooms at a discounted rate at the following hotel:

**Comfort Inn & Suites
9020 Baltimore Avenue
College Park, MD 20740
Telephone: 301-441-8110**

**Rate per room (single or double occupancy) per night: \$70.00 plus 10% sales tax
Free Shuttle Service Available**

Reservations must be made with the Comfort Inn & Suites by Thursday, December 4, 2003. When calling in your reservation, please identify yourself as with the "UMD-Advanced Landscape Plant" group. Hotel check-in time is after 3:00 p.m. on Sunday, January 4, 2004. Check-out time is before 12:00 p.m. on Saturday, January 10, 2004.

Below is a list of other hotels/motels in College Park, MD:

**Best Western Maryland Inn and
Fundome
301-474-2800**

**Hampton Inn
301-345-2200**

**Holiday Inn
301-345-6700**

All of the above hotels/motels offer free shuttle service to and from the University of Maryland except the Hampton Inn which does not provide a courtesy shuttle and is also not within walking distance of the University of Maryland.

TRANSPORTATION

If you are flying in, Baltimore Washington International Airport (BWI) is the most convenient airport to use. To get from BWI to the campus you can rent a car, take a cab or use a shuttle service. You can pre-arrange for the shuttle service from most airports over the web at <http://www.SuperShuttle.com>. You may call Super Shuttle at 1-800-258-3826.

REFUND POLICY

The deadline to request a refund is Friday, December 5, 2003. After this date, those who pay but are unable to attend will be sent all appropriate instructional materials.

SNOW DATES

If the University of Maryland, College Park closes due to inclement weather, missed day(s) from the 2004 Advanced Landscape Plant IPM PHC Short Course will be made up during the week of January 19-23, 2004. In case of snow, call 301-405-3913 that morning and a message will be left advising if the course is cancelled for the day or not. Refunds cannot be made.

NOTE: We will mail all course registrants a letter in December reminding them of the course dates, starting time and location. We will also provide detailed information about where to park if you are planning to drive onto campus. A map will be included which will show where the course is to be held, where to park, campus dining facilities and various other places of interest. Included in this mailing will be driving directions from area airports to the Comfort Inn and to the University of Maryland College Park campus and a complete lecture schedule.

LECTURES AND INSTRUCTIONAL MATERIALS PROVIDED TO ALL STUDENTS

- 1. Lectures - Lectures will focus on landscape plant IPM with emphasis on insect pest management. There will be one half day on disease management. Most lectures will be accompanied by slide presentations and handouts of additional information. The 10 lecturers will be faculty members and professionals in the field who have practical experience in designing and implementing successful IPM programs. The lectures will last about 6 hours a day for 5 days and will constitute the core of the course.**
- 2. Syllabus - The three-volume syllabus contains most of the information presented in the lectures. It was designed especially for this course and will greatly reduce the amount of note-taking during class. Many original illustrations and tables are included as an aid to the identification of key pest and beneficial insects. The syllabus is provided only to people attending the short course. It is not for sale to the general public.**
- 3. Texts - Diseases of Trees and Shrubs, (\$50.00) 2nd ed. rev. by Sinclair, Lyon & Johnson; Insects That Feed on Trees and Shrubs, (\$50.00) 2nd ed. rev. by Johnson & Lyon; and Plant Health Care for Woody Ornamentals, (\$30.00) 1997, by the International Society of Arboriculture. These are the latest and largest editions of the best identification texts available and should be in every pest manager's library. If you already own one of these books, you may deduct the price from the registration fee. If you have all books, you may deduct \$130.00 from the registration fee.**

4. **Landscape IPM** - This newly revised publication (2003) contains the latest Maryland Extension Service IPM recommendations for controlling pests that attack trees and shrubs.
5. **Bulletins** - Participants will receive additional publications dealing with disease, scouting, clearwing borer identification, biological control, and pest-resistant ornamental plants.

ADDITIONAL MATERIALS PROVIDED TO STUDENTS TAKING THE LAB OPTION

1. **General Insect Pest Reference Collection** - This will contain species of important insect pests in a durable mount. We believe that these specimens will provide better identification of insect pests than either drawings or photographs. They will be useful to those participants who undertake pest monitoring activities in IPM programs, and who wish to train pest monitors.
2. **General Plant Damage Collection** - This will contain damage symptoms caused by key pests that are used to diagnose pest problems.
3. **Stereoscopic Microscope** - Each lab student will have the use of a quality research microscope and light with which to study actual pest specimens in lab.
4. **Scale Insect Reference Collection** - Several common scale species in a Riker mount.

NOTE: We are requesting recertification credits from Maryland, the District of Columbia, Virginia and New York in the **ornamentals category**.

COURSE OPTIONS

1. **LECTURE ONLY OPTION** - Classes begin Monday, January 5, 2004, from 8:00 a.m. to 3:00 p.m. excluding lunch. The course registration fee for the Lecture Only Option is \$630.00. Included in this fee are the following major lecture topics to be covered in 6 hours per day of illustrated lectures:

<ul style="list-style-type: none"> • Principles of IPM • Program Implementation • Monitoring Techniques • Insect Control • Borers 	<ul style="list-style-type: none"> • Scale Insects • Mites • Defoliators • Stipplers • Disease Control 	<ul style="list-style-type: none"> • Diagnosing Soil Problems • Immature Insect Identification • Alternative Pesticides • Biological Control • Business Aspects of IPM
--	---	---

Also included are the following resource materials:

- The latest editions of *Diseases of Trees and Shrubs* by Sinclair, Lyon and Johnson and *Insects that Feed on Trees and Shrubs* by Johnson and Lyons. (\$50.00 each)
- The latest edition of *Plant Health Care for Woody Ornamentals* by the International Society of Arboriculture. (\$30.00)
- The latest edition of *Landscape IPM* by Davidson and Raupp.
- The three-volume Advanced Landscape Plant IPM PHC Short Course Syllabus.
- Additional bulletins on IPM topics.

Registration for the Lecture Only Option will be limited to the first 75 applications received with payment.

LECTURE/LAB OPTION - Classes begin Monday, January 5, 2004 from 8:00 a.m. to 5:30 p.m. Course registration for the Lecture/Lab Option is \$930.00. This fee will include all of the materials and lectures noted above plus the following:

- **Instruction in the use of the stereo microscope**
- **Two or more hours per day lab work identifying pests and damage from preserved specimens**
- **A mounted collection of general insect pests**
- **A mounted collection of damaged samples**
- **A Riker mount of scale insect pests**

Registration for the Lecture/Lab Option will be limited to the first 26 applications received with payment.

If you have a disability that requires special assistance for your participation in the 2004 Advanced Landscape Plant IPM PHC Short Course, please contact the course coordinator, Ms. Debbie Wilhoit, at 301-405-3913 by Friday, December 5, 2003.