



Pesticide Risk Reduction Education

Short Course on

Hawaii island in August 2014

This announcement may be downloaded from <http://pestworld.stjohn.hawaii.edu/pat/schedule.html>.

This in-depth two-day short course is about handling pesticides (including herbicides) in ways that will reduce risks to people and our environment. It will be conducted by an instructor from the Cooperative Extension Service, a part of the College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. The course is co-sponsored with the State of Hawaii Department of Agriculture.

Who would benefit?

This course would benefit people who want to be better informed about handling pesticides properly or prepare for the Hawaii Department of Agriculture's certification exam for restricted use pesticides. (Certification exams will be conducted at separate sessions by Hawaii Department of Agriculture employees.)

Certified applicators will not earn recertification credits by attending this course.

Topics

The instructor will emphasize the study packet's basic or "core" materials, which provide information common to all categories of certification. (However, "category-specific" topics such as life cycles of specific pests and specialized equipment and calculations are covered only in the study packets, not in the short course. So if you plan to take a certification exam, you should study the "category-specific" materials in the study packets.) Topics covered in the short course include:

- Types and formulations of pesticides
- Understanding pesticide labeling & MSDSs
- Laws and regulations about buying, storing, transporting, applying, and disposing of pesticides, plus employee protection
- Integrated pest management (IPM) concepts
- General identification features and life cycles of pests
- Common application equipment
- Dilution and dosage calculations
- Pesticide movement and breakdown
- Groundwater protection
- Endangered species protection
- Carry-over. Resistance. Phytotoxicity.
- Hazards to pesticide handlers
- Protective clothing and equipment
- Safe mixing, loading, and application
- Proper transport, storage, and disposal

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Dates & Times

2014

August 18 Monday 8:15AM–4:00PM, and

August 19 Tuesday, 8:15AM–4:00PM.

Breaks are 50–60 minutes apart. Lunch break (on your own) is 60 minutes.

Location

Honoka'a, zip code 96727, on the island of Hawaii.

Registration & Study Packet

Deadline for registration is **July 18**. Enrollment is limited to 25 people.

If you have a disability and may need accommodations to participate, contact the Agricultural Diagnostic Service Center (Honolulu), (808) 956-6706, by **July 18**.

Registration form is available either from the instructor, or by downloading it from <http://pestworld.stjohn.hawaii.edu/pat/schedule.html>. Use page 1 to register. (Use page 2 to order study packets if necessary.)

Fees **\$100** for the short course. No food or beverages will be provided. (See note in gray box below if you plan to take the examination for restricted use pesticide certification.)

\$35 for one complete packet of the printed version of the study materials. Downloadable versions are available free-of-charge from <http://pestworld.stjohn.hawaii.edu/studypackets/spcatgor.html>. A study packet is recommended if you will be studying for the Hawaii Department of Agriculture's exam for restricted use pesticide certification.

For more information contact the instructor, Charles Nagamine

PHONE **(808) 956-6007** (Honolulu)

EMAIL **cynagami@hawaii.edu**

The \$100 fee for the short course registration does *not* cover the fee for taking the exam for restricted use pesticide certification. Hawaii Department of Agriculture employees will offer the exam in separate sessions. They will collect a \$25 fee before the start of each session. hdoa.hawaii.gov/pi/pest/pesticide-applicator-certificationrecertification-2/

Leaflet available before short course begins

For a free copy of the leaflet, *Test Your Math Skills*, contact the instructor or download it from http://pestworld.stjohn.hawaii.edu/pat/Test_Your_Math_Skills.pdf. The leaflet presents exercises and answers that will help trainees refresh basic math skills needed to understand the instructor's calculation examples. Trainees who find the exercises difficult will get more benefit from the short course if they get tutoring before the course begins.

The exercises review (1) common fractions and their decimal number equivalents, (2) rounding-off, (3) percent, (4) conversions between • seconds and minutes • ounces and pounds • fluid ounces, pints, and gallons • square feet and acres, (5) reading tables, and (6) calculating square feet of rectangular areas. These basic math skills (and more) will help test-takers answer some of the certification exam questions.

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