



# Pesticide Risk Reduction Education

## Short Course on

# Maui in June 2016

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. It is sponsored in part by 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 examination for *restricted use* pesticide certification. (The 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" study guides, which provide information common to all categories of certification. (But "category-specific" topics such as life cycles of specific pests and specialized equipment and calculations are covered only in the category-specific packets of study guides, not in the short course. So if you plan to take a certification exam, you should also study the "category-specific" study guides.)

Topics to be covered in the short course include:

- Types and formulations of pesticides
- Understanding pesticide labeling & SDSs or 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 common pests
- Common application equipment
- Dilution and dosage calculations
- Pesticide movement and breakdown
- Groundwater and surface water protection
- Endangered species protection
- Carry-over. Resistance. Phytotoxicity.
- Hazards to pesticide handlers
- Protective clothing and safety equipment
- Mixing, loading, and application
- Transport, storage, and disposal

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## Dates & Times

2016

June 14 Tuesday, 8:15AM–4:00PM, and

June 15 Wednesday, 8:15AM–4:00PM.

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

## Location

In Kahului (zip code 96732) on the island of Maui

## Registration & Study Packets

**Deadline** for registration is **May 17**. 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 **May 17**.

**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 packets of study guides, if you need them.)

**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 Hawaii Department of Agriculture's examination for restricted use pesticide certification.)

**\$35** for the printed version of one complete set of study guides. Downloadable versions are available free-of-charge from <http://pestworld.stjohn.hawaii.edu/studypackets/spcatgor.html>. You should get the study guides if you plan to study 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](mailto: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/](http://hdoa.hawaii.gov/pi/pest/pesticide-applicator-certificationrecertification-2/)

## Leaflets 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](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.

You can download another free leaflet, *Practice Analyzing an Insecticide Label*, from [http://pestworld.stjohn.hawaii.edu/studypackets/Practice-Analyzing-Insecticide-Label\\_150202.pdf](http://pestworld.stjohn.hawaii.edu/studypackets/Practice-Analyzing-Insecticide-Label_150202.pdf). Use the examples to boost your label reading skills, which you will need to plan a pesticide treatment or to prepare for the Hawaii Department of Agriculture's certification exam.