

AGENDA



General Household Pest in-depth training

June 29, 2021

8:30 AM – 4:30 PM

Speakers

Dr. Santos Portugal, Travis Gates, Dr. Christopher Bibbs, Janet Hurley

This one-day course will be an introduction to entomology, integrated pest management and pesticides, this class is ideally suited for apprentices, technicians, certified applicators, registered sanitarians. This course will cover an in-depth look at some of the more common insects that are found in kitchens, pantries, and homes. Hands-on activities include use of various sprayers and dusters, bait applications and situational problem solving. In addition, we will use microscopes to look at different life stages and species of stored product pests, flies, cockroaches, bed bugs and more. There will be special combined session on insecticide classes – the session will part lecture and part hands on understanding on how to read a label and SDS documents to know what type of product you are using.

8:00 – 8:30 AM

Registration – check in

8:30 – 9:30

Introduction to general insect pests – Part 1

Biology of common cockroaches and flies

CEU = 1 Pest

Speaker: Travis Gates, B.C.E, RS, Training Manager, ABC Home & Commercial Services, Dallas, TX

Water

Education

Bldg.

9:45 – 10:45

Introduction to general insect pests – Part 2

Biology of stored product and fabric pests including carpet beetles, clothes moths, Indian meal moth, cigarette beetle, saw-toothed grain beetle

CEU = 1 Pest

Speaker: J. Santos Portugal III, Ph.D., B.C.E., Technical Director, ABC Home & Commercial Services/ Chem-free Organic Pest & Lawn Services, Austin, TX

Water

Education

Bldg.

11: 00 – noon

Integrated Pest Management

Breaking down the steps of IPM so that you understand products including non-chemical control and how baiting options play a role in insect monitoring.

CEU = 1 IPM

Speaker: Janet Hurley, ACE, Extension Program Specialist – III, Texas A&M AgriLife Extension Service

Water

Education

Bldg.

Noon – 12:45 PM

Lunch provided

12:45 – 1:45	Insecticides Understanding the science behind the insecticide classes – what is a green pesticide. What is IRAC and why do you need to know this. Speaker: Christopher Bibbs Ph.D., Product Development Specialist – Entomologist, Central Life Sciences	Water Education Bldg.
CEU = 1 Laws & Rules		
2:00 – 3:00	Hands on Demonstrations <ul style="list-style-type: none"> a. Rotation 1: Liquid sprays <ul style="list-style-type: none"> i. Sprayers and spray droplet size. Choosing the right nozzle ii. Estimating quantities and costs of a perimeter spray RX b. Rotation 2: Baits and dusts <ul style="list-style-type: none"> i. Proper dust applications ii. Proper gel bait applications c. Rotation 3: IPM Inspection Reports <ul style="list-style-type: none"> i. Conduct an initial IPM inspection at residence noting all pest problems 	IPM House
3:00 – 4:15	Lab exercise: Identifying Insects and their Damage/Evidence Using microscopes each class participant will view a variety of pests at various stages in life cycle as well as see types of damage Speakers: All	Water Ed Bldg. and IPM House
4:15 – 4:30	Wrap Up Review of hands-on worksheets, evaluation, and certificates	Water Ed Bldg.

Additional Instruction:

Certified applicators will receive 4 SPCS CEU credit, technicians, apprentices will receive 6 hours of classroom training.

Registered Sanitarians and Code Enforcement Officers will receive 6 hours of classroom training.

All class participants will receive a voucher code to one of the A&M online courses {Fleas & Ticks, Bed Bugs, Ants, Bats, or Residential IPM} to allow them to learn another topic in-depth at their own pace.

Participants should dress to be outside for a portion of the day, this means closed toe shoes and insect repellent.