

Wednesday morning, June 27, 2018 at 7:45 AM

The training program will be held at the Dallas B. Townsend Agricultural Center (UF-IFAS Hendry County Extension Office) in LaBelle, Florida.

A Registration Fee of \$20.00 per person will be charged to all participants for the program.

Please RSVP to Debra at 863-674-4092 or [dcabrera@ufl.edu](mailto:dcabrera@ufl.edu)

**PROGRAM AGENDA – Wednesday June 27, 2018**

**COMMERCIAL/PUBLIC TREE CROP APPLICATOR LICENSE TRAINING**

**3 CEUs for Private Applicator or Ag Tree Crop category can also be earned by attending the training**

**Presented by: Dr. Mongi Zekri, Multi-County Citrus Extension Agent IV, Hendry County Extension Office, LaBelle**

**7:45 AM – 8:00 AM, Registration**

8:00 AM – 8:10 AM, Background information on Florida Department of Agriculture and Consumer services, license classification, restricted use pesticide license, examinations, recertification, CEU requirements,

8:10 AM – 8:30 AM, Pests, pest categories, insects, insects of ecological importance, beneficial insects, insect predators, insect parasites, destructive insects, physical characteristics of insects, types of mouthparts of insects, life cycles of insects, metamorphosis, insect-like pests, major nematode species,  
8:30 AM – 8:40 AM, Plant diseases, disease signs, fungi, bacteria and viruses, canker and citrus greening, phytoplasmas, viroids, biotic and abiotic factors,

8:40 AM – 9:00 AM, Weeds, life cycle of plants, weed classification, grasses, sedges, broadleaves, herbicides, vertebrate pests, controlling vertebrates, mechanical control, approaches to pest management, chemical control of pests, effects of water quality on pesticides, pesticide resistance

**9:00 AM – 9:10 AM, BREAK**

9:10 AM – 9:30 AM, The worker protection standard, agricultural worker, definition of calibration, equipment calibration, application equipment for pesticides, nozzles, nozzle selection, chemigation, chemigation safety and posting, Terms to know (drift, volatilization, leaching, adsorption, absorption,  
9:30 AM – 9:50 AM, Soil organic matter, Florida-specific regulated pesticides, Bromacil, records of pesticide applications, reading and understanding the label, Signal words (danger, warning, caution), personnel protective equipment, restricted entry intervals, Terms to know (active ingredient, inert ingredient, brand name, chemical name, common name)

9:50 AM – 10:00 AM, Reading and understanding the label of a pesticide, 10 questions and answers on the label, where to look and find the information on the label

**10:00 AM – 10:10 AM, BREAK**

10:10 AM – 11:00 AM, Formulas and equations, conversion factors, units, 20 examples of math problems on sprayer speed, application rate (gal/min, gal/acre, lb/acre), travel speed, area of rectangular, circular, and triangular sites, volume of a cylinder, amount of herbicide to apply, and nozzle types and sizes.

**11:00 AM – 12:00 Noon, Exam**