



Insect Identification IST

What: IST to improve entomological knowledge across extension agents

Where: NFREC, 155 Research Road Quincy, FL

When: March 29 2018

Lead instructor: Xavier Martini

Co-instructors: Ethan Carter, Danielle Sprague

Introduction: This event, is part of a series of IST meetings organized by the NFREC. These ISTs have been developed based on the observation that there was a need of short courses that focus on basic knowledge and skill building in topics were agents had not previously received formal education. Previous modules covered during the first year of this program were plant identification, plant diagnosis, livestock basics, and soils basics. This IST aims to cover basic knowledge in entomology from identification of the main insect families, to the most common sampling methods

Learning objective: to provide the basic knowledge in insect biology and classification. At the end of the training module, participants will be able to identify major insect pests and beneficial occurring in the field and understand basic biology and ecology of agricultural insects.

To register <http://pdec.ifas.ufl.edu/> IST #31543

Draft Agenda

Moderator: Dr. Xavier Martini, Entomologist, University of Florida/IFAS, NFREC, Quincy.

A.M (all times Eastern)

9:00 – 9:45 - **Introduction to Entomology** - Dr. Xavier Martini

9:45 – 10:15 - **Identification and management of pests in row crops** – Ethan Carter, Regional Crop IPM Agent, Jackson County.

10:15 – 10:45– **Identification and management of pests in fruit crops** – Danielle Sprague, Extension agent, Jefferson County.

10:45 – 11:00 BREAK

11:30 – 12:00 **Identification and management of pests in ornamentals** – Dr. Adam Dale, Entomologist, Entomology and nematology department

11:00 – 11: 30 **Identification and management of pests in vegetables** - Dr. Xavier Martini.

PM

12:00 – 12:30 LUNCH

12:30 – 1:00 **Insect collection observation and identification.**

1:00 -2:00 **IPM principles of IPM and study case** - Dr. Xavier Martini; Dr. Joe Funderburk, Entomologist, University of Florida/IFAS, NFREC, Quincy.

2:00 – 3:00 – **Insect sampling demonstrations** - Xavier Martini, Ethan Carter, Danielle Sprague.