



Integrated Pest Management

Rookery Bay Research Reserve, 300 Tower Road, Naples, FL 34113

Wednesday, April 26, 2017

Cultural, mechanical and biological techniques that help maintain healthy lawns and landscapes may reduce disease, nematodes, weeds and insects, thereby reducing the need for chemical treatment. Integrated Pest Management (IPM) is a strategy used in the landscape to manage pests by using economically and environmentally sustainable practices. IPM emphasizes selection, integration and implementation of multiple pest control techniques to prevent, reduce, or minimize pest communities. After the training participants will understand the broad concepts of Non-Point Source Pollution, the importance of best management practices to maintain healthy landscapes, and be able to better identify pests to determine the most appropriate IPM practice.

8:45 AM **REGISTRATION**

9.00 AM **Welcome**

Understand how IPM assists in preserving Rookery Bay Reserve and reducing Non-Point Source Pollution.

Cesar Peralta, Project Greenscape Coordinator, Rookery Bay NERR

9.20 AM **Integrated Pest Management in 5 Steps**

Learn the 5 easy steps to manage pests, then employ these 4 methods to prevent pests and reduce damage. Explore Cultural and Physical methods (such as plant selection, fertilization, irrigation, and mowing/pruning) to reduce potential pest damage for turf and landscapes.

Mary Jane Cary, GI-BMP Instructor, UF/ IFAS Collier Extension Master Gardener

10.10 AM **Break**

10.20 AM **Using Alternative Pest Management Strategies in the Landscape**

Explore Biological and Chemical methods as alternatives to managing pests.

Dr. A.D. Ali, Senior Scientist, Davey Institute

11.10 AM **IPM Diagnostics**

Identify key pests and plants, pest's lifecycle and deciding which IPM method is most appropriate.

Doug Caldwell, PhD. UF/ IFAS Collier Extension

12:00 PM **Local Legislation**

Receive current news of local city and Collier County fertilizer ordinances

Monique Barnhart, Natural Resources Administrative Coordinator, City of Naples

12.15 PM **CEUs and ADJOURN**