Horticulture Green Teams Pesticide Recommendation Taskforce Members: Adam Dale, Fred Fishel (Co-chair), Erin Harlow, Lisa Hickey (Co-chair), Garima Kakkar, Norm Leppla, Chris Marble, Matthew Orwat, Jessica Sullivan

**REQUEST FROM GREEN TEAM**

Provide horticulture Extension agents with efficient ways to effectively assist their clients regarding pesticide recommendations and to provide much needed new resources to our County Faculty to fill information gaps.

Agents should be able to easily access and rely on information derived from the expertise of Specialists and trials conducted to recommend pesticides. Pesticide recommendations are critical information that needs to be included in publications and/or in guides or handbooks that are readily available to Agents.

Statewide Horticulture Green Teams in the Extension districts represent most discipline areas (urban horticulture, commercial landscaping, and nurseries).

**CHARGE FROM DR. MUKHTAR**

Conduct an inventory of UF/IFAS published pesticide recommendations that meet the needs of the statewide Horticulture Green Teams and their clients:

- Investigate and recommend ways to develop/gather pesticide efficacy data for ornamentals and other horticulture crops.
- Conduct an inventory of pesticide recommendations and efficacy data available from other land-grant institutions that may be applicable to Florida.
- Find effective and efficient ways to make data readily available to county and state faculty.
- Provide guidance/suggestions on implementation of taskforce recommendations.

**IPM FLORIDA WEBSITE LINKS**

- Greenhouses (9 links)
- Ornamentals (27 links), Woody Ornamentals (12 links)
- Fruits, Turf and Soil, Turf (1 link)
- Landscape IPM, Landscape Pest Management (10 links)

**LINKS WITH PESTICIDE RECOMMENDATIONS**

- 2017 Southeastern U.S. Pest Control Guide for Nursery Crops & Landscape Plantings (Clemson University, USA, NC351, UK)
- An Ornamental Plant Pest Management Guide and Pesticide Rotation Planning Aid (Clemson University, University of Tennessee)
- Florida Weed Management Guide - EDIS, UF/IFAS
- Insect Management on Ornamentals - EDIS, UF/IFAS
- Integrated Pest Management for Nurseries and Ornamentals - NC351
- Managing Whirlies on Landscape Ornamentals - EDIS, UF/IFAS
- Nursery Management Handbook - EDIS, UF/IFAS
- Nursery Management for Nursery Crops - EDIS, UF/IFAS
- Pest Control Guide for Turfgrass Managers - UF/IFAS
- Professional Disease Management Guide for Ornamental Plants - EDIS, UF/IFAS
- The Insecticide and Miticide Mode of Action Field Guide: A Resource to Assist in Managing Arthropods of Turfgrass and Ornamental Plants - Clemson University, University of Tennessee
- Turfgrass Weed Control for Professional Managers - USA
- University of Florida Homeowners Guide to Turfgrass and Landscape Disease Management - EDIS, UF/IFAS
- Urban Insect Management in Residential Lawns - EDIS, UF/IFAS
- Florida Weed Management Guides in Ornamentals and Turf - EDIS, UF/IFAS
- Insect Pest Management on Turfgrass - EDIS, UF/IFAS

**OTHER HELPFUL RESOURCES**

- EDIS Publications Containing Pesticide Information (compiled by Lisa Hickey):
  - Commodity or Animal (insect) (45 publications)
  - Nursery (100 publications)
  - Golf Courses (18 publications)

- Crop Profiles on Ornamental Plants: Crop profiles are descriptions of crop production and pest management recommendations compiled by state and commodity:
  - Nursery Green Plants (container and field) - GA, KY, ME, NC, TN
  - Greenhouse Ornamental, Nursery Green Plants (container and field) - KY, FL, OK
  - Crop Profile for Landscape Installation and Maintenance in North Carolina

**POSSIBLE FORMATS**

The guide should be formatted with common names of pesticides, along with trade names, and contain evaluations and modes of action to help discriminate between persistence. The following guides have format examples:

- IPM Florida “Growers IPM Guide for Florida Tomato and Pepper Production” (http://edis.ifas.ufl.edu/AGD922)
- UF/IFAS Extension Initiative 1-4 (IPM): Vegetable Production Handbook (http://edis.ifas.ufl.edu/topic_vph)
- UF/IFAS - 2012 Turf Pest Control Guide (http://turf.ifas.ufl.edu)
- UF/IFAS - Pomegranate (http://edis.ifas.ufl.edu/AG608)
- UF/IFAS - Citrus Pest Management (http://edis.ifas.ufl.edu/topic_book_florida_citrus_pest_management_guide)

**FLORIDA HORTICULTURE GREEN TEAMS**

South Central District Horticulture Green Team Members:
- Lisa Hickey (President), Michelle Atkinson (Secretary), Susan Hadlock, Lynne Barber, Nicole Peterson, Shawn Steel, Rob Northrup, Whitney Clowe, Jim Moll, Anne Yasinzio, Julie Schell, Jane Horne, Theresa Badovinac, Brian Niemann, Ralph Mitchell, Tom Becker, Holly Bates, Stephen Brown, Roy Fitzgerald, Doug Caldwell, Isabel Way, Kathy Oliver, Ross Peterson, Martha Glenn, Doris Holstearn, Wilma Holley, Robert Martins, Erin Elsberry, Susan Tyler, and Mary Leck.
- Support specialists: Sydney Park Brown, Ewen Moodie, Garo Toros, Nathan Boyd, and Danhao Deng.

Northeast District Horticulture Green Team Members:
- Jim Feltman, Phyllis Felter, Terry Freeman, Erin Harlow, Terry DelRalle, Marine Hunter, Alicia Lammorn, Michelle Demeter, and Brian Edmeston, and Allie Levis.

Central District Horticulture Green Team Members:

South District Horticulture (as official Green Team):
- Sally Szlavecz, Jeff Massey, Laurie Albutt, Rob Gabe, Deborah Leavon, Bill Schall, Adrian Hasenberg, Mike Orlandano, and Henry Myers.

The safe and effective use of pesticides is complicated by many variables, such as formulation, application timing, crop phology, weather, non-target effects, insect identification of the pest, cost, storage, and so forth. Pest management requires experience with the agricultural or urban system, so recommendations go beyond “what do I spray?” We have faculty members in IFAS with the requisite pest management knowledge for certain crops, landscapes, and other situations.

HTTP://IPM.IFAS.UFL.EDU