

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 accessible 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.

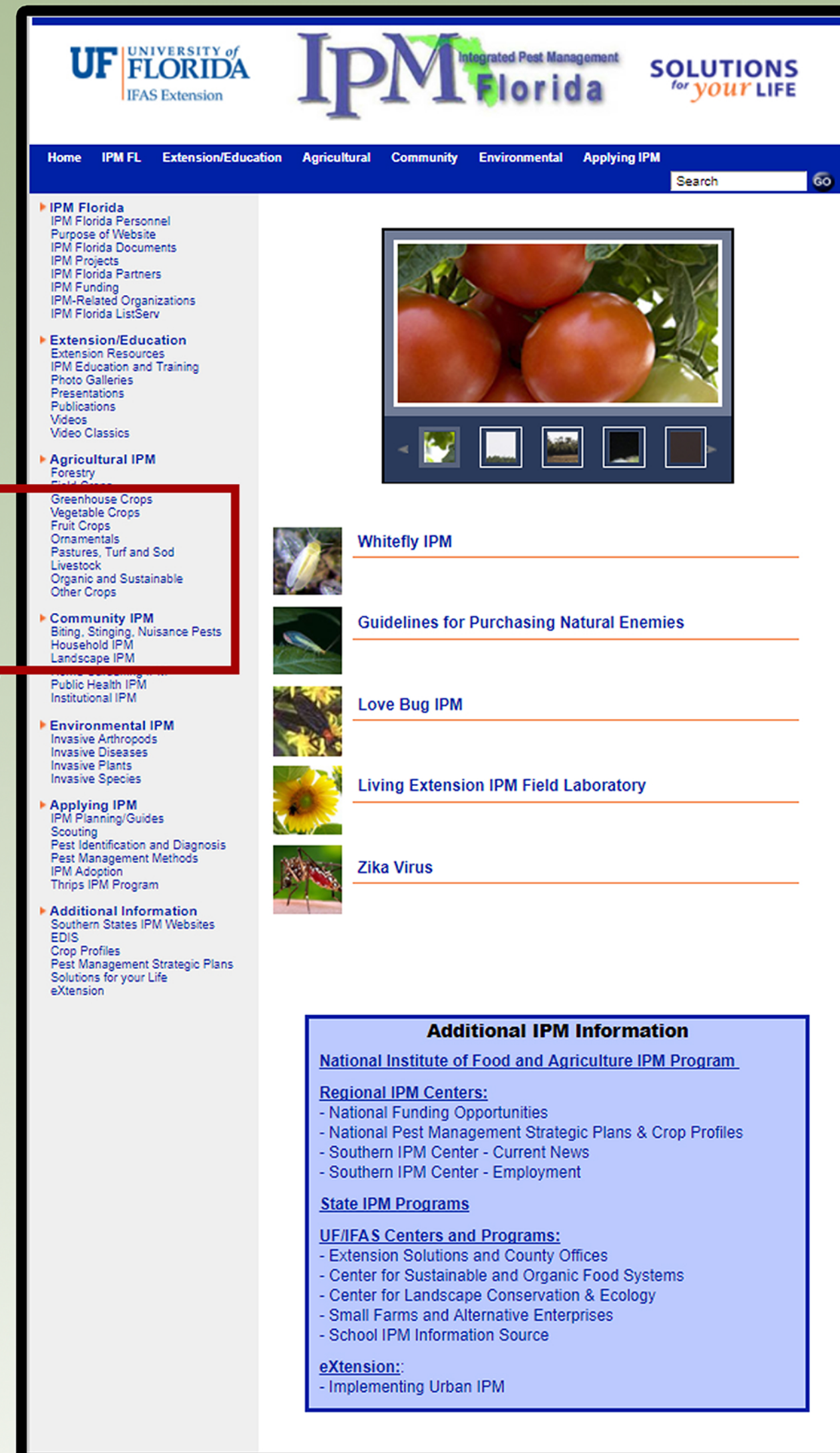
- Investigate and recommend ways to develop/gather pesticide efficacy data for ornamentals and other horticulture crops.
- Conduct an inventory of pesticide recommendations and efficacy data available from other land grant institutions that may be applicable to Florida.
- Find effective and efficient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

IPM FLORIDA WEBSITE LINKS

- Greenhouse Crops (6 links)
- Ornamentals (27 links), Woody Ornamentals (12 links)
- Pastures, Turf and Sod, Turf (5 links)
- Landscape IPM, Landscape Pest Management (30 links)

LINKS WITH PESTICIDE RECOMENDATIONS

- 2017 Southeastern U.S. Pest Control Guide for Nursery Crops & Landscape Plantings Clemson University, UGA, NCSU, 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 - NCSU
- Managing Whiteflies on Landscape Ornamentals - EDIS, UF/IFAS
- Nematode Management Guide Handbook - EDIS, UF/IFAS
- Nematode 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 Arthropod Pests of Turfgrass and Ornamental Plants - Clemson University, University of Tennessee
- Turfgrass Weed Control for Professional Managers - UGA
- Homeowners Guide to Fungicides for Lawn and Landscape Disease Management - EDIS, UF/IFAS
- Nematode Management in Residential Lawns - EDIS, UF/IFAS
- Florida Weed Management Guide in Ornamentals and Turf - EDIS, UF/IFAS
- Insect Pest Management on Turfgrass - EDIS, UF/IFAS



[HTTP://IPM.IFAS.UFL.EDU](http://ipm.ifas.ufl.edu)

The safe and effective use of pesticides is complicated by many variables, such as formulation, application timing, crop phenology, weather, non-target effects, incorrect 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.

OTHER HELPFUL RESOURCES

EDIS Publications Containing Pesticide Information (compiled by Lisa Hickey):

- Commodity or Animal (insect) (45 publications)
- Nursery (106 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 Grown Plants (container and field) - GA, KY, NC, SC, TN
- Greenhouse Ornamental, Nursery Grown Plants (container and field) - NC, FL, OK
- Crop Profile for Landscape Installation and Maintenance in North Carolina

Additional Links and Publications:

- Florida-Friendly Landscaping™ (<http://fyn.ifas.ufl.edu/>)
- IPM Florida (<http://ipm.ifas.ufl.edu>)
- Pest Control Guide for Turfgrass Managers (<http://ipm.ifas.ufl.edu/pdfs/2006TurfPestControlGuide.pdf>)
- The Florida Lawn Handbook: Best Management Practices for Your Home Lawn in Florida, Laurie E. Trenholm and J. Bryan Unruh, University Press of Florida, 2005. (<https://edis.ifas.ufl.edu/features/handbooks/floridalawn.html>)
- Your Florida Landscape: a Complete Guide to Planting and Maintenance, Robert J. Black and Kathleen C. Ruppert, University Press of Florida, 1998.

POSSIBLE FORMATS

The guide should be formatted with common names of pesticides, along with trade names, and contain efficacy evaluations and modes of action to help clientele prevent pest resistance. The following guides have format examples:

- IPM Florida "Growers IPM Guide for Florida Tomato and Pepper Production" (http://ipm.ifas.ufl.edu/Agricultural_IPM/Growers_IPM_Guide_for_Florida_Tomato_and_Pepper_Production.html)
- 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.ufl.edu/>)
- UF/IFAS - Pastures (<http://edis.ifas.ufl.edu/wg006>)
- UF/IFAS - Citrus Pest Management (http://edis.ifas.ufl.edu/topic_book_florida_citrus_pest_management_guide)
- UGA Pest Management Guide (<http://www.caes.uga.edu/departments/entomology/extension/pest-management-handbook.html>)

FLORIDA HORTICULTURE GREEN TEAMS

South Central District Horticulture Green Team Members:

Lisa Hickey (President), Michelle Atkinson (Secretary), Susan Haddock, Lynn Barber, Nicole Pinson, Shawn Steed, Rob Northrup, Whitney Elmore, Jim Moll, Anne Yasalonis, Julie Schelb, Jane Morse, Theresa Badurek, Brian Niemann, Ralph Mitchell, Tom Becker, Holly Bates, Stephen Brown, Roy Fitzgerald, Doug Caldwell, Isabel Way, Kathy Oliver, Ross Peterson, Marth Glenn, Doris Heitzmann, Wilma Holley, Robert Mertens, Erin Elsberry, Susan Tyler, and Mary Lusk. Support specialists: Sydney Park Brown, Esen Momol, Gurpal Toor, Nathan Boyd, and Zhanao Deng.

Northeast District Horticulture Green Team Members:

Jim DeValerio, Prissy Fletcher, Terra Freeman, Erin Harlow, Terry DelValle, Maxine Hunter, Alicia Lamborn, Nichelle Demorest, Barbara Edmonds, and BJ Jarvis.

Central District Horticulture Green Team Members:

Lloyd Singleton (Chair), Jim Davis, Liz Felter, Prissy Fletcher, Maxine Hunter, David Holmes, BJ Jarvis, Jack LeCroy, William Lester, Esen Momol, Eva Pabon, Juanita Popenoe, Grantly Ricketts, Norma Samuel, Joseph Sowards, Karen Stauderman, Taryn Sudol, Edmund Thralls, Richard Tyson, Celeste White, and Hannah Wooten.

South District Horticulturist (no official Green Team):

Sally Scalera, Jeff Wasielewski, Laurie Albrecht, Kim Gabeln, Deborah Levulisin, Bill Schall, Adrian Hansberger, Mike Orfanedes, and Henry Mayer.