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Sent: Tuesday, September 04, 2007 1:31 PM
Subject: New IPM Projects Funded in the Northeast (revised)

Please disregard previous posting of same title.

Posting to Northeastern Integrated Pest Management Center (NE IPMC) listserv courtesy of Elizabeth Myers, NEIPM Center. Contact information for Liz: <mailto:ebm24@cornell.edu>; phone: 315-251-0713; fax: 607-255-1720; mailing address: Northeastern IPM Center, Insectary Building, Cornell University, Ithaca NY 14853. Awards to New Jersey Principal Investigators are in fuschia type.

NEW IPM RESEARCH AND EXTENSION PROJECTS FUNDED IN THE NORTHEAST

The **Northeastern IPM Center** recently awarded 29 grants through the Northeast Regional IPM Competitive Grants Program and the IPM Partnership Grants Program, totaling more than \$1 million. Both programs focus on addressing real-world IPM challenges through research, outreach, and education.

Northeast Regional IPM Competitive Grants Program

The Northeast Regional IPM Competitive Grants Program supports projects that develop individual pest control tactics, integrate tactics into IPM systems, or develop and implement extension and education programs. The program favors projects that address IPM stakeholder priorities, benefit the northeastern region, involve environmental stewardship, and show a high likelihood of success. In fiscal year 2007, the program has awarded approximately \$575,000 to support seven projects (project leaders and institutions shown parenthetically).

- Predicting Inoculum Availability for Peach Scab: Development and Validation of a Forecasting Model (Norman Lalancette, Rutgers Univ.)
- Development and Implementation of Novel Trapping Systems for Monitoring Cranberry Fruitworm and Cranberry Weevil Populations (Cesar Rodriguez-Saona, Rutgers Univ.)
- Integrated Management and Resistance Management of Annual Bluegrass Weevil on Golf Course Turf (Richard Cowles, Connecticut Ag. Experiment Sta.)
- Integrated Pest Management to Control Vector Ticks on Public Lands (George Hamilton, Rutgers Univ.)
- Immune Status of Lambs, Born of Protein-Supplemented Periparturient Ewes and Creep-Grazed in Spring, Against *Haemonchus contortus* (William Bryan, West Virginia Univ.)
- Developing a Decision Framework that Optimizes Cover Crop Integration for Weed Suppression in Northeast Cropping Systems (William Curran, Penn State Univ.)
- An Integrated Approach for Enhanced Soil Fertility, Improved Plant Health and Suppression of Plant Diseases and Pests (Stellos Tavantzis, Univ. of Maine)

IPM Partnership Grants Program

The IPM Partnership Grants Program helps the Northeastern IPM Center serve as a regional focal point for collaboration, communication, and stakeholder participation in fostering the development and adoption of IPM. In fiscal year 2007, this program has awarded more than \$500,000 in grants to 22 project directors. Some of these grant recipients are carrying out multiple projects, with a total of 27 funded projects falling into six project types that address or identify regional IPM priorities in different

ways.

IPM Working Groups identify and prioritize IPM needs relating to specific crop types or IPM settings:

- Community IPM Working Group (Lynn Braband, Cornell Univ., with Mary Kay Malinoski, Univ. of Maryland)
- Red Tomato IPM Working Group: Communicating IPM Benefits to Consumers (Michael Rozyne, Red Tomato, Inc.)
- Vegetable IPM Working Group (Ruth Hazzard, Univ. of Massachusetts)

IPM Priorities projects address important IPM research or extension issues identified throughout the region:

- A Partnership for Developing IPM Protocols for Bed Bug Management (Jody Gangloff-Kaufmann, Cornell Univ.)
- Guardian Plant Systems for Greenhouse Integrated Pest Management (Carol Glenister, IPM Laboratories, Inc.)
- Fostering IPM as a Resource Conservation Practice in Collaboration with the Natural Resources Conservation Service (Ruth Hazzard, Univ. of Massachusetts)

Regional IPM Publications promote IPM implementation by sharing information:

- Developing a Fungicide Resistance Management Guide for Vegetable Growers in the Mid-Atlantic Region (Andy Wyenandt, Rutgers Univ.)
- Web-based Vegetable IPM Resource Database; Northeast Vegetable and Strawberry Pest Identification Supplement (Ruth Hazzard, Univ. of Massachusetts)
- Production of IPM In and Around the Home — Northeast Guidelines (Jennifer Grant, Cornell Univ.)
- Development of a Pest Identification and IPM Manual for Christmas Tree Growers and Conifer Producers in New York and New England (Elizabeth Lamb, Cornell Univ.)
- Web-Based IPM Insect Guide for Arborists (Christopher M. Donnelly, Connecticut Ag. Expt. Station)

IPM Planning and Assessment Documents help agencies and IPM practitioners assess the status of pest management for a given crop or setting and describe practices that growers and others can follow to implement IPM.

- IPM Tactics Survey for Ornamentals; Ongoing Crop Profile Updates; Green Pepper Pest Management Strategic Plan (PMSP) for Delaware, Eastern Shore Maryland, and New Jersey (Susan Whitney King, Univ. of Delaware)
- IPM Tactics Survey for Christmas Tree; Peppers PMSP for New England (James Dill, Univ. of Maine)
- Raspberry Crop Profile for New England (Sonia Schloemann, Univ. of Massachusetts)

State Network Projects inform federal and state regulatory agencies about IPM tactics used in each state, and maintain websites and advisory committees to provide links among IPM-related groups in their states. Seven state networks were funded, covering all 12 states in the region: New England (James Dill, Univ. of Maine), Delaware (Susan Whitney King, Univ. of Delaware), Maryland (Amy Brown, Univ. of Maryland), New Jersey (George Hamilton, Rutgers Univ.), New York (Harvey Reissig, Cornell Univ.), Pennsylvania (Kerry Hoffman-Richards, Pennsylvania State Univ.), and West Virginia (John Baniecki, West Virginia Univ.). Links to each of these networks can be found online at <http://northeastipm.org/about.cfm#program>.

IPM Minigrants provide funds for brief IPM tasks and projects that fit the mission of the Northeastern IPM Center:

- Surveying and Identifying Thrips Species in Vegetable Crops Throughout the Mid-Atlantic Region (Gerald Brust, Univ. of Maryland)
- Holding a Working Group Meeting for Setting Objectives for Wireworm IPM in the Mid-Atlantic States (George Hamilton, Rutgers Univ.)
- IPM Education and Outreach in a Latino Urban Community (Anne Rahn, The Preschool Project: An Early Childhood Resource Center [PA])

- Season-long Use of Horticultural Oil on Vinifera Grapevines (Alice Wise, Cornell Cooperative Extension, Suffolk County)
- Lily Host Resistance to Lily Leaf Beetle, *Lilioceris lili* (Eleanor Groden, Univ. of Maine)
- Dissemination and Vectors of the Fire Blight Pathogen (*Erwinia amylovora*) by Potato Leafhopper (*Empoasca fabae*) (Kathleen Leahy, Polaris Orchard Management [MA])
- Identification Guide to Crane Fly (Insecta: Diptera: Tipulidae) Pests of Turfgrass in the Eastern U.S. (Jon Gelhaus, Academy of Natural Sciences of Philadelphia)

More details about these grants programs and specific projects will be available on the <http://NortheastIPM.org> website. The Northeastern IPM Center will release the Requests for Applications for 2008 grants programs this fall.

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