

Center Update

September 16, 2004 - February 1, 2005



FROM THE DIRECTORS

This Update reports the activities and programs of the NC IPM Center, based upon the center's objectives, to the National IPM Center Steering Committee, the other Regional IPM Center Directors and National Program staff from USDA and EPA. Our companion publication 'NC IPM Center Connection' provides updates on IPM state programs and their programs and successes. We hope you will find both of these publications useful to keep you informed of regional IPM programs accomplishments and opportunities.

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ACCOMPLISHMENTS TOWARDS NORTH CENTRAL IPM CENTER OBJECTIVE 1

Establish and facilitate a regionally based process for stakeholder identification and prioritization of emerging pest management issues and research, extension and outreach needs to respond to economic, human health, environmental and safety concerns related to pest management practices.

NORTH CENTRAL IPM EXTENSION COORDINATORS SERVE AS STATE CONTACTS

The NC IPM Extension Coordinators agreed (April 2004) to assume the responsibilities of the State Contacts. It was recommended by the Steering Committee that the new State Contacts (NC IPM Extension Coordinators Technical Committee) also serve as the NC IPM Center Advisory Committee. These individuals will meet as a group for one day and then meet with the NC IPM Center personnel the following day on an annual basis. The Extension IPM Coordinators work closely with numerous groups and agencies within their states. They have the knowledge and ability to provide recommendations and priorities for regional IPM programming.

NORTH CENTRAL IPM CENTER STEERING COMMITTEE MEETS IN INDIANAPOLIS

The North Central IPM Center Steering Committee (Janet Andersen, Chuck Curtis, Elbert Dickey, Al Jennings, William Ravlin, Ann Sorensen, Wendy Wintersteen) attended a two day meeting in Indianapolis, Indiana on Nov 4-5, 2004 to discuss Year Two of the NC IPM Center proposal, funding issues, the Advisory Committee, PMAP transition, and the mid-term review of the Centers. They suggested several changes in the management of the centers and dispersal of funds that have been implemented.

ACCOMPLISHMENTS TOWARDS NORTH CENTRAL IPM CENTER OBJECTIVE 2

Serve as a focal point for collaborative team building to develop, improve, maintain and expand IPM practices in the North Central Region.

NCR-IPM GRANTS PROGRAM

The Regional IPM Competitive Grants Program supports projects that develop individual pest control tactics, integrate individual tactics into an IPM system, and develop and implement extension education programs. Mike Gray, University of Illinois, serves as panel manager for this competitive grants program. The most significant change in 2004 involved moving the submission and review process to an electronic web-based format with the cooperation of Michael Greifenkamp, North Central Region IPM Center webmaster. Letters of Intent (66 received) were due October 4, 2004 and fully developed proposals (49 received) were due October 22, 2004. All proposals from applicants and reviews of panelists were submitted electronically. The peer panel met in St. Louis on December 2-3, 2004. Each panelist was provided a CD that contained all proposals and primary/secondary reviews. Proposals were submitted for research only projects (33 received, 6 recommended for funding), research/extension projects (13 received, 1 recommended for funding), or extension/education projects (3 received, 1 recommended for funding). In FY 2005, it is anticipated that approximately \$762,472 will be

available to support IPM research and extension programs in the North Central Region. If you have questions regarding the RFA, please contact Mike Gray at megray@uiuc.edu or Susan Ratcliffe at sratclif@uiuc.edu. Proposals that have been recommended for funding (FY05) include:

- 1) Food Grains Ozonation – A New Stored Product IPM Pest Control Technology
- 2) Resistance to Mefenoxam in *Phytophthora erythroseptica* and Identification of Alternative Inoculum Sources in Potato Production Areas
- 3) New Strategies for Management of Anthracnose Fruit Rot of Strawberry
- 4) In-Field Decision-Making Tool for Site-Specific Weed Management
- 5) Is Biological Control of Thrips by Predatory Mite Effective in Preventing Spread of Tomato Spotted Wilt Virus in Greenhouse-Grown Tomatoes?
- 6) A Winter Cover Crop for Integrating Suppression of Soybean Cyst Nematode and its Winter Annual Weed Hosts
- 7) Glyphosate-Tolerant Weeds: Distribution, Management and Grower Education
- 8) Development and Delivery of User Friendly IPM Tools for Use with PC and PDA

IPM IMPLEMENTATION GRANTS

The North Central IPM Center announced the availability of \$350,000 for this new IPM extension and education granting program. The purpose of these regional funds was to provide a significant increase in support for the continuum of IPM demonstration and implementation projects or measurement of adoption of new IPM tactics and systems. Twenty four proposals have been received requesting over \$1.8 million by the grant manager (Larry Olsen) at Michigan State University. The peer review panel will meet soon to determine which proposals will be funded to increase the implementation of IPM in the NC region.

IR-4 COORDINATION

The NC IPM Center continues to interact and participate with the NC Region IR-4 Center. Co-Director Larry Olsen will attend the IR-4 Strategic Planning Conference on Feb 15-16 representing the NC IPM Center. We continue to provide our priorities for minor crop pesticides needs to the IR-4 program through input gathered from the Pest Management Strategic Planning meetings.

ACCOMPLISHMENTS TOWARDS NORTH CENTRAL IPM CENTER OBJECTIVE 2 (CONTINUED)

WORKING GROUP RFA AND FORMATION

The NC IPM Center has established five Working Groups that are multi-disciplinary and multi-state groups that will meet to identify and prioritize IPM needs, build partnerships with key stakeholders and address the goals of the National Roadmap for IPM including evaluation of IPM successes.

The Working Groups are:

- ~ Developing Standardized Measurement Tools for Program Evaluation led by Carol Pilcher at Iowa State University
- ~ Implementing IPM for Insect Pests on Ornamental Crops Under Commercial Greenhouse and Nursery Production led by Dave Margolies at Kansas State University
- ~ Great Lakes Vegetable Production led by Jim Jasinski at The Ohio State University
- ~ Pulse Crops Production lead by Brad Ruden at South Dakota State University
- ~ Potato IPM lead by Jeff Wyman at the University of Wisconsin

If you are interested in participating in one of these Working Groups, please contact the WG leaders. The WG leaders will meet for a planning session in St. Louis in early April 2005.

5TH NATIONAL IPM SYMPOSIUM

“Delivering on a Promise” is the theme of the 5th National IPM Symposium that will be held April 4-6, 2006 in St. Louis, Missouri. The symposium will start and end with plenary sessions focusing on the promise of IPM. The program format will include mini-symposia, workshops, round table discussions and poster sessions. Susan Ratcliffe serves as co-chair for this symposium.

Mini-symposia should have a broad interest with estimated audiences of 150-200 individuals. Workshop sessions will be more focused with estimated audiences of 25-75 individuals. Roundtable discussions will likely be very topic specific attracting 15-25 individuals. Mini-symposia, workshops and roundtable discussions will each be approximately two hours in duration.

The number of each type of session will be limited, as will the number of accepted posters due to space issues. Due to the facility space limitations, the program planning committee will review all proposals and try to accommodate as many proposals as possible. Session proposals must be submitted on-line through this web site by April 1, 2005. The Call for Program Proposals for the 5th National IPM Symposium were released in late January, 2005.

ACCOMPLISHMENTS TOWARDS NORTH CENTRAL IPM CENTER OBJECTIVE 3

Enhance the ability of the land-grant system and USDA to provide IPM users, researchers, governmental agencies, and the public with the information and knowledge they need to increase IPM adoption and reduce unreasonable adverse environmental effects from pests and the use of pest management practices.

THE NORTH CENTRAL IPM CENTER CONNECTION NEWSLETTER

The monthly newsletter produced by the North Central IPM Center has been well received by the IPM community. Each month, a feature story highlights IPM state-based interest stories. In addition, information regarding IPM training, educational materials and IPM related programs are included in each issue.

PMSP, CROP PROFILES

The Michigan Onion PMSP was submitted to USDA OPMP for review, was passed along to Ron Stinner for web publication, and is now available on the web site. The NC IPM Center Steering Committee decided to put money aside in the year three budget to provide incentive to get more Crop Profiles and PMSPs completed and updated. This RFA has not yet been released.

ACCOMPLISHMENTS TOWARDS NORTH CENTRAL IPM CENTER OBJECTIVE 3 (CONTINUED)

EPA ASSESSMENTS

In the past three months, the NC IPM Center has received four requests for information concerning pesticide related issues from Washington. The requests for information have been for agricultural pesticide handler data, carbaryl, chlorsulfuron and cycloate. Requests are sent to the State Contacts and IPM Coordinators and they in turn, ask their specialists to respond. The Center pulls these responses into one regional response and sends these to OPMP and the EPA.

SUDDEN OAK DEATH – PRED PROGRAM

The National Plant Diagnostic Network, the National Plant Board, the USDA Forest Service, USDA-APHIS, and the IPM Centers coordinated the October 26, 2004 National Training - *Phytophthora ramorum* Educate to Detect (PRED) Program. Forty states participated in this program and directed the training to master gardeners, extension and regulatory personnel and diagnosticians.

SOYBEAN RUST

Since the confirmation of soybean rust in the continental United States, 60,000 pest alerts have been distributed and an additional 100,000 have been printed in English. In October, 2004 a Spanish version was produced. To date, a total of 375,000 National Pest Alerts for Soybean Rust have been printed (350,000 in English and 25,000 in Spanish). The North Central and Southern IPM Centers are coordinating USDA-CSREES sponsorship of six individuals who will participate in the Brazil Soybean Rust Workshop in February. The North Central IPM Center will work with these participants and the media personnel from Illinois Farm Bureau (also participating in the Brazil Workshop) to develop and deliver additional training for a national audience.

ACCOMPLISHMENTS TOWARDS NORTH CENTRAL IPM CENTER OBJECTIVE 4

Ensure accountability and leadership for proper management and distribution of Center resources.

NATIONAL SYMPOSIUM ON INCREASING IPM ADOPTION

A symposium focusing on the role of IPM Centers in increasing IPM adoption was held at the 2004 Annual Meeting of the Entomological Society of America in Salt Lake City, Utah. The symposium was entitled "Increasing IPM Adoption with IPM Centers: Mission Impossible?" and fell under Section E of the ESA topics. Co-organizers of the session were Susan Ratcliffe, Michael Gray and Larry Olsen.

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