



Center Update

October 4, 2005 - January 20, 2006

FROM THE DIRECTORS

This "Center 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 successes. We hope you will find both of these publications useful to keep you informed of regional IPM programs accomplishments and opportunities. Both are available on our website.

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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.

NC RIPM RFA PRIORITIES FROM STAKEHOLDERS

To improve programmatic coordination of IPM research and extension efforts the NC Region IPM Grants Program has incorporated research and extension priorities as outlined in the IPM Roadmap. In addition, an evaluation and measurement component is required of all projects. To continue to obtain input on priorities from the NC Region stakeholders, an NCIPMC Stakeholder Panel is being assembled based on nominations from NC Region IPM leadership.

2006 (FY2005 funds) RFA. Areas covered in the RFA are IPM implementation, IPM documents (crop profiles and PMSPs, pest alerts and management guides) and Working Groups. These suggested priorities were reviewed by the Directors and Steering Committee and inserted into the RFA for possible funding. The RFA will be released January 20, 2006, with February 17 as the due date for Letters of Intent, and March 17 for the full proposal. Funds available to the NC region this year are \$300,000 for Implementation grants, \$225,000 for Working Groups and \$60,000 for IPM documents.

NC IPM CENTER RFA

Our NC IPM Center Advisory Committee (State Extension IPM Coordinators) and NC Working Group leaders were requested to submit stakeholder identified priority IPM issues to be included in the

STEERING COMMITTEE MET

The Steering Committee met by teleconference on December 5 to discuss the IPM Center RFA. Modifications were recommended and inserted into the RFA to reflect current IPM needs in the region.

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.

WORKING GROUP UPDATES

The NC IPM Center established five multi-disciplinary and multi-state groups Working Groups who will identify and prioritize IPM needs, build partnerships with key stakeholders, increase communication between team members and address the goals of the National Roadmap for IPM including evaluation of IPM successes.

The **Ornamentals Insect Working Group** - No report was submitted for this update.

The **Great Lakes Vegetable Working Group** project group and stakeholders met on October 27-28 in Chesterton IN. IPM surveys were finalized and will be used for growers in the Great Lakes States. The surveys will be put on-line for people to complete. The annual Great Lakes Vegetable Working Group meeting is planned for February 22-23 in Lansing and it looks like there will be as much or more participation than last year. The website <http://glwvg.ag.ohio-state.edu/> is being maintained and the listserve is a very effective tool.

The **Potato Working Group** is continuing on developing regional IPM approaches for potato pest management. Investigating the resistance of early blight to strobilurin fungicides, over 100 disease samples were collected this summer from Michigan and Wisconsin fields. Walt Stevenson's UW laboratory has isolated the DNA from the samples. These isolates will now be sent to the North Dakota laboratory of Neil Gudmestad which will analyze the isolates for the loci that leads to strobilurin resistance. The Working Group will meet March 30 and 31 in Minnesota in conjunction with the NCR 205 Potato Research and Extension Regional Project.

The **Pulse Crops Working Group's** primary activity during the last quarter of 2005 was the Pulse Crops Research Forum. A total of 33 people attended the Research Forum, which was held in Pierre, SD of December 5, 2005. The audience consisted of many producers, seed processors, county Extension Educators and researchers. Seven researchers from across the North Central Region, as well as and ARS researcher from Washington State University and national trade group representative (Todd Scholz of USA Dry Pea and Lentil) presented their

research findings. Future forums are planned, provided adequate funding is received. The pulse crops listserve continues to slowly grow, with 48 members so far, including university research personnel, regulatory officials and producers from SD, ND, NE and WA. The web page for the Working Group is currently being developed by the Ag Communications Group at SDSU. Web page rollout is expected during February, 2006.

The **Evaluation/Measurement Working Group** No report was submitted for this update.

NORTH CENTRAL SOYBEAN APHID SUCTION TRAP MONITORING NETWORK

Dr. David Voegtlin of the Illinois Natural History Survey was awarded a grant from the NC Region IPM Center to create a regional Soybean Aphid Suction Trap Network. This network currently spans six states in the region: Minnesota, Iowa, Wisconsin, Illinois, Michigan, and Indiana. Mike Greifenkamp created an on-line system to upload and view trap data by map locations. See <http://www.ncipmc.org/traps> for more information.

NC RIPM RFA

On August 11, 2005, the FY06 NC RIPM RFA was released and is available at http://www.csrees.usda.gov/funding/rfas/ipm_northcentral.html. Letters of intent and fully developed proposals were required to be submitted electronically through the NC Region IPM Center eGrants on-line system developed by Michael Greifenkamp (<http://www.ncipmc.org/egrants>). Seventy-nine Letters of Intent were submitted via the eGrants system and 52 fully developed proposals were received by October 21, 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.

INFORMATION REQUESTS AND RESPONSES

In the past three months, the NC IPM Center has received three requests for information on all copper compounds, dodine, and dimethoate. Requests are sent to the IPM Coordinators and they in turn, ask their specialists to respond. If needed, the Center calls specialists directly to get information needed to complete the response. The Center pulls these responses into one regional response and sends these to OPMP and the EPA.

POTATO WART RECOVERY PLAN

USDA is providing funds to develop recovery plans for a series of serious plant diseases of national importance. NC IPMC staff at Michigan State University are developing the recovery plan for potato wart (*Synchytrium endobioticum*). The goal of a recovery plan is to review the current status and develop a plan to manage the disease in the event that it enters the United States. This is in response to Homeland Security Presidential Directive No. 9 (HSPD-9). A conference call for the working group has been set up to discuss the recovery plan. Topics covered in the recovery plan will include disease spread, survey and detection methods, economic impact, diagnostic techniques, mitigation, disease management and research priorities.

NCR-046 CORN ROOTWORM PUBLICATION

Drs. Ratcliffe and Gray are collaborating with members of NCR-046 (Development, Optimization and Delivery of Management Strategies for Corn Rootworms) on a corn rootworm publication. The purpose of this project is to gather the expertise for a user-friendly management guide. The printed version will provide a concise summary of corn rootworm IPM strategies and the web version will provide additional links to more detailed information.

SOYBEAN RUST: SCOUT BEFORE YOU SPRAY VIDEO ON CD

A Soybean Rust CD showing proper scouting techniques and fungicide application (if necessary) was produced using footage obtained from a tour of soybean fields in Brazil. The development of this CD was a collaborative effort with USDA CSREES, APHIS, ARS, the IPM Centers, the National Plant Diagnostic Network, the Illinois Farm Bureau and the University of Illinois. One thousand copies of the training video CD have been distributed throughout soybean production areas with the assistance of Land-Grant University soybean research and Extension specialists.

UPDATE ON PEST ALERT AND TRAINING CDs

The development of regional and national pest alerts, in addition to training CDs has continued to address numerous IPM related issues. To date, over 1.3 million copies of these educational materials have been distributed by the NC IPM Center with the assistance of the Land-Grant Universities, the National Plant Diagnostic Network, APHIS, ARS, U.S. Forest Service, the National Plant Health Board, and CSREES. New pest alerts are under development for Tospovirus (national), Cycad Scale (regional), and Woodboring Insects (regional).

5TH NATIONAL IPM SYMPOSIUM

Planning for the plenary and closing sessions is completed. Featured speakers include Mike Fitzner, USDA-CSREES; Mike Gray, NCIPMC; Craig Watson, SYSCO; Jorge Fernandini, IAF del Peru; Ed Rajotte, Penn State; Debbie Raphael, City of San Francisco; Steve Johnson, EPA; Frank Zalom, UC Davis; Peter Kenmore, FAO, Rome; and the Hartman Group. A Call for Posters will be released in the near future. The 5th National IPM Symposium web site can be accessed from the following URL: <http://www.ncipmc.org/symposium>. Currently, sponsors and contributors for the symposium include Agraquest, Crop Life, DelMonte, Gerber, General Mills-Green Giant, NSF Center for IPM, USDA-OPMP, USDA-APHIS, USDA-NASS, USDA Regional IPM Centers, and the U.S Forest Service.

ACCOMPLISHMENTS TOWARDS NORTH CENTRAL IPM CENTER OBJECTIVE 4

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

MID-TERM CENTER REVIEW

Larry Olsen and Sue Ratcliffe are assisting CSREES in planning the mid-term review of each of the Regional IPM Centers which will occur February 13-17. An external review panel will evaluate the programs and accomplishments of each Center, and offer suggestions to increase the effectiveness of each Center. Sue has taken the lead in preparing the NC IPM Center's background document summarizing our efforts

PROJECT ACCOMPLISHMENTS

To communicate the accomplishments generated by the NC RIPM Grants Program with new audiences, a regional publication is under development in cooperation with over 25 Project Directors of recently completed research and extension grant projects

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