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Eagle Scout Helps “Fight the Bite”

While many of us were relaxing and enjoying the long 4th of July weekend, Taylor Blauer, a member of Boy Scout Troop 1205 in Riverton, Utah, was busy educating his community about West Nile Virus to fulfill his Eagle Scout requirements. Taylor developed and



staffed an educational booth for the Riverton 4th of July celebration. He answered questions and distributed copies of the National Pest Alert on West Nile Virus provided by the North Central IPM Center and displayed posters from the Utah Department of Health “Fight the Bite” Program. On July 6, 2004, Taylor and his fellow scouts delivered copies of the National Pest Alert on West Nile Virus to residents in their neighborhood and “Fight the Bite” posters to local businesses. The North Central IPM Center was pleased to have the opportunity to collaborate with Taylor on this project and wish him luck in his future scouting activities.



On-Line Insect Resistance Management Learning Center

The National Corn Growers’ Association in cooperation with several biotechnology companies developed an on-line Insect Resistance Management Learning Center. The training module includes sections on insect resistance management (IRM), the Compliance Assurance Program (CAP), integrated pest management (IPM), European corn borer and corn rootworm.



Tom Slunecka, National Corn Growers Association, and Susan Ratcliffe, North Central IPM Center, Richard Hellmich, Iowa State University, and Mark Boetel, North Dakota State University coordinated review of the training module by members of the North Central Technical Committees, NC-046 (Development, Optimization and Delivery of Management Strategies for Corn Rootworms) and NC-205 (Ecology and Management of European Corn Borer and Other Stalk-Boring Lepidoptera). The Insect Resistance Management Training modules are available at <http://www.ncga.com/biotechnology/IRMCenter/>.

Dr. Fred Fishel, Missouri’s IPM Coordinator and Pesticide Safety Coordinator, served as Chair of the Planning Committee for the North Central Region Pesticide Education and Certification Workshop that was conducted July 7 – 9, 2004 in St. Louis, Missouri. The event was co-hosted by the University of Missouri and the Missouri Department of Agriculture. For more information about the event and to view selected presentations from the program, please visit:

<http://ipm.missouri.edu/pat/ncrs.asp>

North Central IPM Extension Coordinators



Suzanne M. Bissonnette

Extension Educator, Integrated Pest Management, University of Illinois, E-mail: sbissonn@uiuc.edu

Since 1992, Suzanne has been an Integrated Pest Management Extension Educator with University of Illinois Extension. She is the State IPM Coordinator, co-director of the U of I Extension Online Plant Diagnostic Clinic, editor of the Illinois Pest Management Handbook and Coordinator of the Champaign Extension Center. Suzanne received her B.S. in 1984 in Botany at the University of Minnesota, her M.S. in 1987 and Ph. D. in 1992 in Plant Pathology at the University of Illinois, C-U.

Rick Foster

Extension Entomologist, Department of Entomology, Purdue University, E-mail: rfoster@purdue.edu

Dr. Foster is Extension Entomologist and Professor in the Department of Entomology at Purdue University. Rick has responsibilities for extension and applied research related to arthropod pests of fruits and vegetables. He received his B.A. degree in Biology from Southern Illinois University-Edwardsville, his M.S. in Entomology from the University of Illinois, and his Ph.D. in Entomology from Iowa State University in 1983.



Jerry DeWitt

Coordinator-PME and Sustainable Agriculture, Iowa State University Extension, Iowa State University, E-mail: jdewitt@iastate.edu

Dr. DeWitt coordinates the activities of the ISU Extension Pest Management and the Environment Program, PME (Pesticide Applicator Training/Integrated Pest Management/former Pesticide Impact and Assessment Program), that seeks to reduce health and environmental risk of pesticide applications through research, education, and training. He was born on a farm in Illinois and received a Ph.D. at the University of Illinois. He has been at ISU in Extension since 1972. .



Sharon Dobesh

Pesticide and I.P.M. Coordinator, Department of Entomology, Kansas State University, E-mail: sdobesh@oznet.ksu.edu

Sharon is the Pesticide and IPM Coordinator at Kansas State University. Some of her duties include pesticide applicator training and recertification, as well as serving as the Kansas State IPM Program Coordinator and IPM in Schools Coordinator. Sharon received her B.S. in 1992 from the University of Nebraska, Lincoln, and her M.S. in 1996 from Kansas State University.



Michael Brewer

Integrated Pest Management Coordinator, Michigan State University, E-mail: brewerm@msu.edu

As IPM Coordinator, Michael J. Brewer provides supervision of the outreach and applied research components of the IPM Program. Working with program staff, commodity, university, and other stakeholders, program thrusts are developed to increase development and implementation of IPM programs in Michigan. His research background includes the assessment of pest and natural enemy interactions in agricultural landscapes and compatibility of multiple tactics in pest management systems. His extension interests focus on deployment of IPM tactics in plant-based agricultural industries.



Kenneth Ostlie

Integrated Pest Management Coordinator, University of Minnesota, E-mail: ostli001@tc.umn.edu

Ken coordinates the IPM program at the University of Minnesota. Some of his duties include preparing plan-of-work and annual reports, coordinating MES activities, preparing grants, and maintaining linkages with other agencies. Dr. Ostlie received his B.S. in 1976 from Luther College, his M.S. in 1979 from Utah State University, and his Ph.D. in 1984 in Entomology at Iowa State University.





Fred Fishel

Extension Associate Professor and IPM/PSEP Coordinator, University of Missouri, E-mail: fishelf@missouri.edu

Dr. Fishel coordinates the Integrated Pest Management and Pesticide Safety and Education programs in the Department of Agronomy at the University of Missouri. Additionally, he provides the weed identification service for the MU Extension Plant Diagnostic Clinic. He received both his B.S. and M.S. degrees from North Carolina State University, and his Ph.D. from Mississippi State University.

Robert Wright

Professor of Entomology and Extension Specialist, The University of Nebraska-Lincoln, E-mail: rwright2@unl.edu

Bob Wright is Extension IPM Coordinator for Field Crops at the University of Nebraska-Lincoln. He has been at UNL since 1988 and conducts research and extension programs for Nebraska field crops, with an emphasis on corn and grain sorghum.



Marcia McMullen

Integrated Pest Management Program Coordinator, North Dakota State University, E-mail: mmcmulle@ndsuext.nodak.edu

Marcia McMullen is an Extension plant pathologist at North Dakota State University, Fargo. Her responsibilities include providing management information on cereal diseases and coordination of the NDSU extension IPM program. Her applied research interests include disease survey and chemical and biological control of leaf and head diseases of hard red winter wheat, hard red spring wheat, durum wheat, and spring barley. She has served on the IPM and Extension Committees of APS, and is a member of the executive committee of the U.S. Wheat and Barley Scab Initiative and Feature Editor of Plant Disease. She received her B.S. in Botany and her M.S. in Plant Pathology from Iowa State University, and her Ph.D. in 1983 from North Dakota State University.

Joseph Kovach

Integrated Pest Management Coordinator, The Ohio State University, E-mail: kovach.49@osu.edu

Dr. Kovach is responsible for statewide research and extension efforts that use sound ecological principles to reduce the reliance on pesticides. Joe has conducted research in assessing the environmental impact of pesticides, establishing biological control agents and evaluating organic fruit production methods. His current research activities include the evaluation of organic strawberry production techniques and understanding the biology of the multicolored Asian lady beetle. He received his B.A. from Miami University, and his M.S. and Ph.D. in Entomology from Clemson University.



Darrell Deneke

Extension Integrated Pest Management Coordinator, South Dakota State University, E-mail: deneke.darrell@ces.sdstate.edu

Darrell develops and coordinates a statewide extension IPM program for South Dakota. Some of his other duties include preparing educational materials, visual aids, displays, and fact sheets for pest management for clientele, as well as assisting the extension weed and demonstration program in the area of cereal crops, row crops, oilseed crops, pasture and range, and noxious weeds in cropland and non-crop sites. He received his B.S. in Animal and Dairy Science in 1979 from South Dakota State University.

Bryan Jensen

Outreach Program Manager II, University of Wisconsin-Madison, E-mail: bmjense1@facstaff.wisc.edu

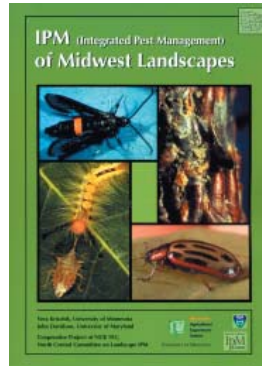
Bryan assists with the applied field crop entomology research program, coordination and instruction for a one credit course "Diagnosis and Monitoring Pest and Nutrient Status of Field Crops" at UW-Madison, River Falls and Stevens Point campuses, and is a member of Wisconsin CCA Board. He also participates in various state and county-based outreach activities.



Future editions of the North Central IPM Center Connection will focus on state IPM program successes.

IPM of Midwest Landscapes Available

Drs. Vera Krischik, University of Minnesota and John Davidson, University of Maryland served as co-editors for the recently released publication *IPM of Midwest Landscapes* developed by the North Central Committee on Landscape IPM (NCR-193). The project was funded in part by a grant from USDA Cooperative State Research, Education, and Extension Service. Dr. Susan Ratcliffe, North Central IPM Center, coordinated marketing and sales of the full color, 316 page publication. The cost of the publication is \$50.00 plus shipping. Master Gardeners may purchase the publication at a special rate of \$40.00 plus shipping. To order, please visit our web site at <http://www.ncipmc.org/bookorder.html>.



NC RIPM Competitive Grants Funded Fall 2003

Drs. Mike Gray and Susan Ratcliffe managed this NC Region IPM competitive grants program as part of their Center responsibilities. The widely circulated RFA requested letters of intent to be submitted by September 19, 2003 and full proposals by October 17, 2003. The nine member Peer Panel met on December 9-10, 2003, in Indianapolis, IN to evaluate each proposal. Each panelist was requested to develop a 1-page summary for each proposal they were assigned. Reviewers evaluated each proposal using the following metrics that were listed in the RFA: 1) the importance and relevance of the topic/program, 2) the appropriateness of objectives and scientific and/or educational merit, 3) the appropriateness of design and methodology, 4) the feasibility of attaining objectives, 5) the involvement of relevant disciplines, agencies, and organizations as appropriate, and 6) the education and experience of the project director. Each proposal was assigned a primary and secondary reviewer within their subject matter expertise.

In all, 85 letters of intent to submit a proposal were received. Seventy-two proposals were received for peer panel consideration. The following research and extension proposals were funded.

| Lead State | Principal Investigator | Title | Total \$ |
|------------|------------------------|--|-----------|
| NE | L. Higley | Development and Delivery of User-Friendly IPM Tools for Use with PC & PDA | \$ 34,000 |
| NE | S. Hygnstrom | Revision, Expansion and Maintenance of the Internet Center for Wildlife Damage Management | \$ 29,430 |
| IA | M. Rice | Insects and Transmitted Pathogens in Soybean: Applied Extension to Manage a Pest Complex | \$ 9,123 |
| IA | B. Hartzler | Influence of Cropping and Weed Management Systems on Weed Communities | \$ 74,262 |
| MN | E. Radcliffe | Reassessment of Crop Borders for Management of Potato Virus Y in Seed Potatoes | \$ 57,252 |
| MI | M. Brewer | Integrating New Natural Enemies into Soybean Aphid Biological Control | \$ 97,997 |
| OH | P. Grewal | Developing an Integrated Pest Management Approach for Lawns | \$ 96,389 |
| NE | G. Hein | Genetic Variability of Field Populations of Wheat Curl Mite and the Impact on Virus Epidemiology | \$ 96,467 |
| IN | B. Johnson | Influence of Winter Weed Management and Cropping System Influences on Weed Growth and Seedbank Dynamics and SCN Population Density | \$ 94,029 |
| IN | R. O'Neil | The Role of Predators on Early Season Soybean Aphid Population Growth | \$ 98,000 |

The North Central Region conducted a regional teleconference training session to address soybean rust issues. Members of the Planning Committee included Dr. Greg Tylka and Mr. Virgil Schmitt, Iowa State University; Drs. Lisa Behnken, Jim Kurle and Seth Naeve, University of Minnesota; Dr. Roger Borges, University of Wisconsin; Dr. Dean Malvick and Mr. Dave Feltes, University of Illinois; and Dr. Susan Ratcliffe, North Central IPM Center. The IPM Extension Coordinators were contacted to determine who should serve as the point of contact for each state as development of the program was shared across the region. The program was conducted on June 29, 2004. Presentations were provided by Drs. Matthew Royer, Animal and Plant Health Inspection Service (APHIS); Glen Hartman and Monte Miles, Agricultural Research Service (ARS); X.B. Yang, Chair of the North Central Technical Committee for Soybean Rust (NC-504); Kent Smith, Office of Pest Management Policy (OPMP); and David Bell, USDA Risk Management Agency (RMA). Eleven states in the north central region coordinated state-based participation with 100 sites across the region. Each state had the opportunity to conduct a state-specific teleconference to discuss their response plan following the regional teleconference. The PowerPoint presentations are available on the web at <http://ncipmc.org/soybeanrust/conference.html>. The regional session was recorded and will be available for download with the PowerPoint presentations in the near future.

