

North Carolina Pest Management Information Program Activities in 2005

Maintenance of a Pest Management Information Program

The North Carolina Pest Management Information Program (NC PMIP) was maintained during 2005 with support from the Southern Region IPM Center at North Carolina State University. Leadership for the NC PMIP is provided by the Project Leader (Steve Toth), who serves as the contact person for the Southern Region IPM Center and coordinates the informational and communication activities.

Maintenance of a Program Web Site

A web site for the NC PMIP was maintained in 2005. The site contains information on program personnel, objectives, activities, and publications, as well as linkages to the Southern Region IPM Center, USDA Crop Database, USDA Pest Management Strategic Plan Database, and other IPM sites. The NC PMIP web site is available at <http://ipm.ncsu.edu/ncpmip/>.

Serving as Resource for Pest Management Information

The NC PMIP serves as an information resource for the Southern Region IPM Center and the public and private sectors on current pest management practices, problems and issues affecting agricultural commodities produced in North Carolina. The NC PMIP serves as a contact point for the resources and expertise available through the on-campus faculty (Extension specialists and researchers) and field faculty (i.e., county Extension agents) at North Carolina State University. In 2005, North Carolina State University faculty responded to information requests from the Southern Region IPM Center regarding 2,4-D, PCNB, malathion, azinphos-methyl, EBDC fungicides, chlorosulfuron, dimethipin, streptomycin/oxytetracycline, ferbam, mancozeb, napropamide, aldicarb and copper. They also provided information for methyl bromide critical use exemption requests for cucurbits, peppers, strawberries (field, nursery) and tomatoes in the Southern U. S.

Communication of Pest Management Information

The NC PMIP supports the communication of pest management information generated in North Carolina. Pertinent and timely pest management information is provided to commodity organizations, growers, county Extension personnel, university Extension specialists and researchers, North Carolina Department of Agriculture and Consumer Services personnel, pesticide dealers and industry representatives, agricultural consultants, and other stakeholders via newsletters, fact sheets, news releases, electronic mail, and the Internet. This information is available through NC PMIP web site at <http://ipm.ncsu.edu/ncpmip/>. Recent pest management materials produced by the NC PMIP include:

Newsletters:

Toth, S. J., Jr., ed. North Carolina Pest News, Departments of Entomology and Plant Pathology, North Carolina State University, Raleigh. Volume 20, Numbers 1-22.

Toth, S. J., Jr. and W. G. Buhler. Pesticide Broadcast, Departments of Entomology and Horticultural Science, North Carolina State University, Raleigh. Volume 15, Numbers 1-5.

Establishment of an Advisory Committee

An advisory committee for the NC PMIP composed of pest managers, producers, commodity groups and other stakeholders representative of the diversity of capabilities, institutions and pest management issues found in North Carolina was established in 2002.

Production of Crop Profiles and Pest Management Strategic Plans

The following crop profiles were completed and submitted for inclusion in the USDA Crop Profile Database during 2005:

Baker, J. R., S. B. Bambara, S. J. Toth, Jr., D. M. Benson, T. E. Bilderback, and B. E. Whipker. 2005. Crop Profile for Landscape Installation and Maintenance in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 32 pp.
(<http://www.ipmcenters.org/cropprofiles/docs/NClandscape.html>)

Baker, J. R., S. R. Koenning, J. W. Van Duyn, A. C. York, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Soybeans in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 37 pp.
(<http://www.ipmcenters.org/cropprofiles/docs/NCsoybeans.html>)

Cline, W. O., J. R. Meyer, D. W. Monks, K. A. Sorensen, K. M. Jennings, J. R. Ballington, S. Rooks, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Blueberries in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 14 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCblueberries.html>)

Sorensen, K. A., D. W. Monks, M. A. Cubeta, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Cabbage in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 14 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCcabbage.html>)

Van Duyn, J. W., R. W. Heiniger, S. R. Koenning, A. C. York, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Field Corn in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 26 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCfieldcorn.html>)

Bachelor, J. S., K. L. Edmisten, S. R. Koenning, A. C. York, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Cotton in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 28 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCcotton.html>)

Holmes, G. J., D. W. Monks, J. R. Schultheis, K. A. Sorensen, A. C. Thornton, and S. J. Toth, Jr.

(ed.). 2005. Crop Profile for Cucumbers in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 13 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCcucumbers.html>)

Cline, W. O., J. R. Meyer, D. W. Monks, W. E. Mitchem, E. B. Poling, K. A. Sorensen, T. B. Sutton and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Grapes in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 13 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCgrapes.html>)

Ritchie, D. F., M. L. Parker, K. A. Sorensen, J. R. Meyer, W. E. Mitchem and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Peaches in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 14 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCpeaches.html>)

Brandenburg, R. L., D. L. Jordan, B. B. Shew, J. W. Wilcut, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Peanuts in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 33 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCpeanuts.html>)

Parker, M. L., W. E. Mitchem, K. A. Sorensen, B. Bunn, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Pecans in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 11 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCpecans.html>)

Louws, F. J., D. W. Monks, K. A. Sorensen, D. C. Sanders, W. R. Jester, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Peppers in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 14 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCpeppers.html>)

Stringham, S. M., D. W. Watson, D. K. Carver and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Poultry in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 12 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCpoultry.html>)

Waldvogel, M. G., C. Falco, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Residential and Industrial Pests in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 9 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCresidentialandindustrial.html>)

Schultheis, J. R., K. A. Sorensen, D. W. Monks, G. J. Holmes, A. C. Thornton, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Sweetpotatoes in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 14 pp. Revised.
(<http://www.ipmcenters.org/cropprofiles/docs/NCsweetpotatoes.html>)

Walgenbach, J. F., K. L. Ivors, J. M. Davis, D. W. Monks, and S. J. Toth, Jr. (ed.). 2005. Crop

Profile for Tomatoes in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 25 pp. Revised.

(<http://www.ipmcenters.org/cropprofiles/docs/NCtomatoes.html>)

Holmes, G. J., D. W. Monks, J. R. Schultheis, K. A. Sorensen, A. C. Thornton, and S. J. Toth, Jr. (ed.). 2005. Crop Profile for Watermelons in North Carolina. North Carolina Cooperative Extension Service, North Carolina State University, Raleigh. 12 pp. Revised.

(<http://www.ipmcenters.org/cropprofiles/docs/NCwatermelons.html>)

The following pest management strategic plan workshops were held in 2005: tobacco (burley and flue-cured) production in North Carolina and Virginia on March 23 in Raleigh, North Carolina; snap bean production in Delaware, North Carolina and Virginia on April 6 in Exmore, Virginia; and tomato production in Delaware, North Carolina and Virginia on April 5 in Exmore, Virginia.

Strengthening Connections With Pest Management Programs & Stakeholders

The Principal Investigator has worked to strengthen the connection between pest management programs (i.e., Pest Management Information, Integrated Pest Management, Interregional Project 4, Pesticide Safety Education) in North Carolina through continued service on the North Carolina Cooperative Extension Service's Integrated Pest Management Committee and Pesticide Education Advisory Committee. These committees serve an advisory function to the Integrated Pest Management and Pesticide Safety Education Programs at North Carolina State University.

The Project Leader participated in the Pesticide Safety Education Program during 2005 by:

1) providing instruction and developing materials for training commercial pesticide applicators seeking licensing/certification in the Agricultural Pest Control - Plant category in North Carolina; and 2) maintaining a web site for the North Carolina Pesticide Safety Education Program

(<http://ipm.ncsu.edu/pesticidesafety/>).

The Project Leader participated in the Southern Region Pesticide Safety Education Center at North Carolina State University by: 1) maintaining a web site (<http://ipm.ncsu.edu/srpsec/>); and 2) participating in a training workshop conducted on September 19-21, 2005 in Raleigh.

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