

Statement of Work

The Pesticide Management Education Program (PMEP) at Cornell University has a long tradition of disseminating pesticide and integrated pest management information via many sources. The PMEP (formerly known as the Chemicals-Pesticides Program) was one of the first state pesticide coordinator offices to develop pesticide applicator certification manuals. These manuals are used throughout the Northeast. The program has also maintained an electronic pesticide information network in various application configurations (primarily text-based) since 1982. Last year the program began a major update of its web pages.

In 2007 the Pesticide Management Education Program (PMEP) developed a New York State Information Network for Pesticides and Alternative Strategies to serve as the State Network Project (SNP) designed to gather and disseminate information on pesticides and pest management. The SNP will be maintained by the PMEP at Cornell University. A formal directory, Integrated Pest Management Resources, was added to the existing PMEP website to supply the following types of information: 1) Northeastern IPM Center-Web site for one of several regional IPM centers, containing links to IPM resources available in other states in the northeastern U.S., 2) The New York State Integrated Pest Management Program, 3) Cornell Pest Management Guidelines-Electronic versions of IPM publications from Cornell, 4) National IPM Center Home, 5) The national site for the USDA Regional IPM Centers Information System, 6) Educational Resources for the Safe and Effective Use of Pesticides. Links to information concerning several topics, including understanding some of the risks associated with pesticides, how to select effective pesticides while reducing undesirable side effects, and basic pesticide safety principles, 7) IR-4 Biopesticide and Organic Database for Integrated Pest Management and 8) Pesticide Mailing List-Subscribe to the PMEP mailing list and get the latest information about IPM and other pesticide issues delivered directly via e-mail.

The funds for the SNP will be used to enhance the information currently displayed on our website and promote greater dialogue and information dissemination between staff and targeted audiences. We expect to make the new PMEP web site public in the first quarter of 2009. The new pages can be previewed by linking to <http://pmep.info/>. The funding will also help us maintain the PMEP listserv which is an important component of our outreach providing pertinent regulatory and pest management information to subscribers.

Current PMEP Website Directories

Chemical Information (<http://pmep.cce.cornell.edu/profiles/index.html>) This directory contains pesticide active ingredient information, including Extoxnet pesticide information profiles and Material Safety Data Sheets, information from EPA sources and the Federal Register. Also included are pesticide product registration letters from the NYS Department of Environmental Conservation.

Pesticide active ingredient information is organized by type of pesticide within this directory.

Pesticide Applicator Certification (<http://pmep.cce.cornell.edu/certification/index.html>) Resources are provided for those pesticide applicators requiring certification and those training applicators. This site contains a pesticide training course calendar (<http://pmep.cce.cornell.edu/calendar/>), approved 30-hour certification and re-certification

training courses, and pesticide training resources (<http://pmep.cce.cornell.edu/facts-slides-self/index.html>) and manuals; included in the calendar are the dates, times, and re-certification categories with credits for each course.

Pesticide Regulations, Registrations, and Reporting

(<http://pmep.cce.cornell.edu/regulation/index.html>) This directory contains federal and New York State pesticide regulations, including the following:

-The NYS Pesticide Product, Ingredient, and Manufacturer System (PIMS)

(<http://pmep.cce.cornell.edu/pims>), is a collection of databases for pesticides currently and/or formerly registered for use in New York State. They are searchable by EPA Registration Number, product/label name, active ingredient, and company/distributor. Label images of those labels registered with the NYS Department of Environmental Conservation are provided.

-The New York State Pesticide Sales and Use Reporting

(PSUR) (<http://pmep.cce.cornell.edu/psur>) Database includes links to annual reports of pesticide sales and applications from 1997 to the present reporting year.

-A link is provided to the National State Pesticide Information Retrieval System (NSPIRS) for specialized data searches (sites and pests) for New York State pesticide products that are currently registered with the NYS Department of Environmental Conservation.

Pesticide Use Information for New York State (<http://pmep.cce.cornell.edu/piap/index.html>) This site contains crop profiles specific to New York State and links to other state profiles, including those contained on the USDA website hosted by North Carolina State University. Crop profiles are detailed documents describing the production of a specific commodity, including cultural practices, insect, disease, and weed pests, chemical and non-chemical controls, and alternatives to current controls.

Program Staff (<http://pmep.cce.cornell.edu/staff.html>) Contact information is currently provided for the two groups comprising the Pesticide Management Education Program (Pesticide Safety Education and the Pesticide Sales and Use Reporting (PSUR) database group). The proposed Northeastern IPM Center-related information will have a dedicated directory on our website that will identify the appropriate SNP Coordinator and staff.

PMEP will continue to seek to improve the level of knowledge, awareness, and understanding of local, state, regional, and national pesticide laws and regulations and IPM management practices for stakeholders throughout New York and the entire Northeast. PMEP is the primary source for pesticide information in New York and regularly networks with federal and state pesticide regulatory agencies and other agencies regarding use and application of pesticides. Specifically, PMEP provides on-site pesticide certification training, including IPM information and practices, throughout New York and distributes similar information via certification/recertification manuals that are utilized throughout the Northeast region.

Also, in recent years the PMEP program and other Cornell staff have been actively involved in improving the development and production of Pest Management Guidelines for the major groups of commodities produced within the state and the Northeast. This new system, which is based on

a collection of digital content provides for a much higher level of author collaboration, stakeholder involvement, organization of information, and administrative review. This final collection of digital content can be easily used to generate products for print distribution or to be available electronically on the web.

The goal of our SNP is to provide a combination of pesticide and IPM-related information on our website and listserv that is current, accessible, and timely. The impact will be that applicators will stay in compliance with regulations by knowing which pesticides are registered and those that have been suspended or cancelled. They also, have access to current IPM guidelines that provide information for making better pest management decisions and the selection of appropriate pesticides. Alerting growers to emergency pest problems, pest outbreaks, and where to obtain access to state emergency exemptions and special local need labels is critical and will be facilitated by our listserv.