

Title: New York State Home and Grounds Pest Management Recommendations

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Cooperator(s): Sandra Jensen-Tracy, Research Support Specialist, Cornell Plant Pathology Diagnostic Lab

Abstract: Cornell University's "Pest Management around the Home" (Cornell Misc. Bulletin #74) is a well known publication for extension workers. We want to keep up to date with the unbiased current pest management and pesticide information we provide for homeowners and home gardeners, and this revision was a much needed document. This resource is considered a critical need in extension offices across New York State. This resource is also intended to complement the upcoming book "Tackling Trouble, Caring for your Home, Yard and Garden the IPM Way". It can be accessed via the world wide web at:

<http://ipmguidelines.org/> and printed copies are also available for distribution.

Background and Justification: For many years, Cornell University has provided guidance to homeowners and residents through *Pest Management around the Home* (Cornell Misc. Bulletin #74). These guidelines consist of two separate volumes containing the cultural recommendations (Part I) and pesticide information (Part II). Part II has been updated every two years as pesticide information changes frequently, whereas Part I was only updated periodically because cultural recommendations are relatively static. Cornell Cooperative Extension staff and Master Gardeners have long relied on these books for providing legal and accurate advice to NY residents. The books have also been greatly appreciated by citizens who purchase them directly for a reference to have at home.

Over the past three years the principal investigator, along with cooperators throughout the northeast, has been part of a major undertaking to revamp the Cornell's *Pest Management around the Home*. The new book is tentatively titled *Tackling Trouble: Caring for Your Home, Yard, and Garden the IPM Way*. A primary goal of the project is to make the guidelines more useful, appealing and marketable to residents throughout the northeastern U.S. Unfortunately, due to the comprehensive nature of the new guide, frequent updating will not be possible. For that reason, and because the geographic range is being greatly expanded, timely and specific pesticide recommendations cannot be included. Although the new guide will be a more in-depth IPM resource, end users will lose access to reliable, unbiased information on biological, reduced-risk, and more traditional chemical pesticides—also an important aspect of IPM. Cooperative extension staff and master gardeners across the state have already expressed their dire concerns about the loss of access to this information.

We propose to produce a pest management resource that will compliment the comprehensive new book for the northeast, by supplying specific information on

biological, reduced-risk, and traditional chemical pesticides that are legal in New York State. This resource is considered a critical need in extension offices across the state. It will mainly be accessed on the world wide web, through several websites such as PMEP, the Cornell Diagnostic Lab and the NYS IPM Program. However, the document will be formatted for easy printing, and printed copies will be available for distribution.

Objectives & Procedures:

1. *Research pesticides legal for use on pests in an around the home, in New York State.*

The PI will supervise an employee who is knowledgeable about pests of home and gardens and pesticide labeling. The employee will research pesticide active ingredients and products by searching the PIMS database and reading product labels. The PI will further verify the appropriateness of listing each active ingredient or product through her own research and consulting with other faculty members and extension specialists. Sandra Jensen-Tracy, a cooperator on this proposal, will also play a critical role in this verification process.

2. *Create a document listing these pesticides by pest and plant host/setting.*

The employee will assemble the overall document, presenting listings by both pest and plant host or setting.

3. *Make the document accessible in both web and printed formats.*

A computer specialist will be hired to format and post the information in a user-friendly manner for online users, as well as a print friendly version.

4. *Evaluate the need for, and the usefulness of, the resource.*

Track the number of web hits and printed document requests. Also solicit feedback and testimonials from cooperative extension staff and master gardeners.

Results and discussion:

The production of this pest management resource will compliment the new Northeast guide, *Tackling Trouble: Caring for Your Home, Yard, and Garden the IPM Way*, and is expected to impact a few thousand New Yorkers by direct access, and many thousand more through extension staff and master gardeners in County Extension Offices.

What reductions in pesticide use or risk could result from this work? Pesticides are still important tools in the IPM toolbox. Homeowners/residents are often poorly educated about pesticide use and need access to proper information. With unbiased, university-based information, they have access to information about IPM techniques and if a pesticide is needed, guidelines to help them choose a least toxic first when pest problems arise.

This project has been publicized through the CCE system by being marketed directly to CCE educators, especially those having Master Gardener programs and direct consumer horticultural programs. Stakeholders are made aware of updates of these publications directly through the counties:

Resources Developed: A web-based version of this publication has been posted on line In October, 2009 at:

<http://ipmguidelines.org/Home/>

(Be sure to scroll down to Pt. II, 2009-2010 Guidelines)

A hard copy version is available as follows:

The *2009-2010 Pest Management Around the Home - Part II - Pesticide Guidelines* is available and ready for distribution from the Pesticide Management Education Program Educational Resources Distribution Center.

Ordering Information

Item Code: PM-10

List Price: \$21.00 (shipping INCLUDED)

County Extension Office Pouch Mail Price: \$17.00 (free shipping with pouch mail).

County Extension offices and other customers may submit orders directly to me via:

*Phone at (607) 255-7282

*Fax at (607) 255-7311

*E-mail at patorder@cornell.edu

Carolyn Klass 2/15/2010