

**Project Title:** Establishment of a Kentucky State Contact for the Southern Region  
IPM Center

**Principle Investigator** Patricia Lucas [1]

**State:** KY **Organization:** University of Kentucky

**Funding:** \$ 25,000

**Start Date:** Jun-01-2007 **End Date:** May-31-2008

**Summary:** The University of Kentucky seeks funds for the appointment of a State Contact for the Southern Region IPM Center to develop and maintain a communication network between the producers/stakeholders in Kentucky, Extension Specialists and the Southern Region IPM Center. The role and efforts of the State Contact will be as follows: The contact will serve as the primary contact for regulatory questions related to pest management and pesticides. The contact will be responsible for establishing and maintaining electronic listservs to quickly disseminate request for information from the Pest Management Center. The contact will ask University Specialists to provide information for the documentation of activities related to pesticide and pest management inquires from other entities such as USDA and EPA. The contact will work to increase involvement of a stakeholder network and an IPM Advisory Committee and provide documentation and evidence of their involvement in projects and activities. Evidence of stakeholder involvement will be made available on-line, including products derived from individuals and groups that participate in the network. The contact will coordinate the collection of information to establish stakeholder-identified IPM priorities. Working with Extension Specialists to provide subject matter expertise, the contact will develop surveys to identify current and emerging pest problems or concerns, identify needed PMSPs and identify needed Crop Profiles. The contact will make Extension Specialists aware of the need and use of Crop Profiles and Pest Management Strategic Plans (PMSPs) and provide all with the guidelines for preparing a Crop Profile and PMSPs. For those wishing to prepare a Crop Profile or PMSP, the contact will provide assistance with their development and create web documents. A list containing the names of IPM-related experts for research and Extension for the state of Kentucky will be developed. The contact will develop and incorporate a project web site as part of the already existing Kentucky IPM web site. To present project results and to remain up-to-date on regional program efforts, the contact will attend the annual state contact meeting arranged by Southern Region IPM Center.

**Objectives:** 1. Develop systems that allow for the quick dissemination of questions / concerns received from the SRIPMC to persons in Kentucky with expertise and or interest in the area of concern. 2. The contact will provide to the Southern Region IPM Center information for the documentation of activities related to pesticide and pest management inquiries from other entities such as USDA and EPA. 3. The contact will work to increase the involvement of the stakeholder network and the IPM Advisory Committee. 4. The contact will make available to Kentucky clientele information describing the importance, use, and support available for developing Crop Profiles, Pest Management Strategic Plans and Stakeholder-identified IPM Priorities within the state. The contact will serve as the coordination point for the projects and intermediary between groups developing these documents and SRIPMC. 5. The contact will make KY clientele aware of the number, type and date status of existing Crop Profiles and Pest Management Strategic

Plans. The State Contact will establish a prioritized list for updating and developing the documents. 6. A list of IPM-related experts in Kentucky from Extension and Research will be updated. 7. Publications to be created include the development of a web site for the Kentucky branch of the SRIPMC through additions and modifications to the existing Kentucky IPM site, publishing IPM News/Reports quarterly in the newsletter Kentucky Pest News, and developing an annual Kentucky IPM Report highlighting IPM programs and results. 8. The contact will attend and present project results at the annual meeting of the Southern Region IPM Center.

### **Final Report:**

#### **Outcomes**

Extension and research Faculty at the University of Kentucky have an increased knowledge of the role and activities of the Southern IPM Center. They participated in the following IPM activities: establishment of IPM priorities, IPM advisory committee meeting, SRIPM Enhancement Grant competition, the Southern Region IPM Pulling Together Award, and National CSREES Partnership Award for Mission Integration competition.

Extension faculty is aware of the EPA needs and questions and the role played by crop profiles and pest management strategic plans in assisting stakeholders.

Eight requests for pesticide related information were received from 6/1/07 through 5/31/08. Seven requests were through the SRIPM Center and one from the USDA. All requests were forwarded to the appropriate Extension specialist. Requests included:

1. Application for critical use exemption for methyl bromide for cucurbit, pepper and tomato growers to have methyl bromide allotments available for use in 2009 and beyond
2. 2007 Methyl Bromide Critical Use Exemption Application Strawberry Nursery
3. 2007 Methyl Bromide Critical Use Exemption Application for strawberry growers
4. Methyl Bromide Critical Use Exemption Application for Cucurbit, Pepper and Tomato
5. Review of Draft of U.S. Request for Methyl Bromide for Peppers
6. Review of Draft of U.S. Request for Methyl Bromide on Tomatoes
7. Review of Draft of U.S. Request for Methyl Bromide for Cucurbits
8. 2008 RFA for the Methyl Bromide Transitions Competitive Grants Program
9. USDA Office of Pest Management Policy Soil Fumigant Cluster Assessment on time limited registration for Iodomethane.

#### **Prioritization of Crop Profiles and PMSPs (State Contact only, required)**

Existing Crop Profiles need to be updated: Alfalfa, Apples, Cabbage, Cantaloupes, Corn, Corn (Sweet), Muskmelons, Peppers, Pumpkins, Soybeans, Tobacco, Tomatoes and Wheat.

Existing PMSP: Beef Cattle (KY and TN, 1/2005) and Field Corn (North Central Region Publication, 3/2002)

New documents needed: Crop Profiles for Canola and Grain Sorghum and PMSP for Canola

High Priority: 1.) New Crop Profile for Canola and 2.) PMSP for Canola

Medium Priority: 1) Updating of crop profiles for apples and wheat and 2) New Crop Profile for Grain Sorghum

Low Priority: All other existing crop profiles

**Web Site (State Contact only, required)**

The web site for the Kentucky State Network Project has been incorporated into the existing Kentucky IPM site. The Kentucky web site can be found at <http://www.uky.edu/Ag/IPM/ipm.htm>. Links for pages that are a part of the State Network Project are located on the lower left side of the page.

This web site addresses regional priorities established by the Southern Region IPM Center by providing IPM information for homes, gardens, and farms. Educational materials available through the Kentucky IPM web site include information on new and exotic pests, pesticide labels, and materials for use with youth programs.

To the best of our knowledge, the material on this site is compatible with regional and national IPM Center sites and can contribute to regional and national databases.

As a part of this web site, information for contacting the state IPM coordinator and state IPM contact can be found at <http://www.uky.edu/Ag/IPMPrinceton/kysripm/contacts.htm>.

Summaries and annual reports of Kentucky State Contact Projects can be found at <http://www.uky.edu/Ag/IPMPrinceton/kysripm/reports.htm>.

State Network Project web pages comply with Section 508 of the Rehabilitation Act Amendments to the Workforce Investment Act of 1998. At the bottom of each page, the CSS Off - Click again to Turn it On feature can be used to view the page as text only.

A link to the Southern Region IPM Center is located on each page as well sources for pesticide information including the Kentucky Regional Poison center and MSDS and labels.

The Kentucky IPM home page displays the phrase, the Kentucky component of the Southern IPM Center, on the left side of the page above the menu of pages for the State Contact Project. The Southern Region IPM logo and statement, This site is partially funded by the Southern Region IPM, appears prominently on the home page and each of the State Contact Project pages.

The phrase, The Kentucky component of the Southern Region IPM Center, with the words, Southern Region IPM Center, hyperlinked to the Southern Region site appears at the top of all State Contact Project pages. All State Contact Project pages contain the date of the most recent update and a link for Questions and Comments at the bottom of the page. Clicking on the Questions and Comments link will open your e-mail program and give the name and contact information for the web site.

## **Impacts**

Surveys conducted to establish IPM priorities for Kentucky have given IPM stakeholders, University Extension Specialist and researchers a way to view the needs of each group. The list of priorities serves as a guide to extension personnel and researchers in the development of educational and research activities that will better meet the needs of Kentucky.

To increase IPM and SRIPM center recognition, as a part of the State Contact project, one-page flyers were developed for IPM working groups to highlight IPM successes stories. A flyer developed on the UK Wheat Science Group winning the CSREES Partnership Award for Mission Integration award was included in their newsletter and distributed to over 500 stakeholders. See attachments.

## **Discussion (State Contact and IPM Documents, optional)**

The website for the Kentucky State Contact Project was integrated into the existing Kentucky IPM site. Our efforts are to integrate the projects of the SRIPM center into the current Kentucky IPM program so that they can function to compliment each.

## **Report Appendices**

Wheat Science USDA Award

Kentucky Nursery Crops