



University of Arizona Cooperative Extension IPM Program 2008 Call for Proposals

The Arizona Pest Management Center (APMC) announces the availability of funds and this request for Integrated Pest Management (IPM) proposals. This program supports applied research and education to move IPM knowledge and technologies from researchers into the hands of diverse clientele through a wide variety of delivery methods. This is a leveraged resource to help faculty accomplish IPM goals. Seed projects and capstone projects tied to broader IPM program goals and future or past funding sources are strongly encouraged. All interested faculty are invited to submit proposals to address local and statewide IPM Extension needs in applied research and outreach. Funding requests should be for projects that are consistent with the National IPM Program Goals as described below. Projects should relate to one or more of the five focal areas that currently make-up the APMC: Pest Detection & Diagnostics, Agricultural IPM, Community IPM (including natural resources), IPM Assessment, or Pesticide Education (including resistance management). (See APMC organizational chart at <http://ag.arizona.edu/apmc/APMC%20OrgChartv11.pdf>). Projects representing the continuum of IPM research, education, and outreach will be considered for funding, but all supported projects must have an Extension component. All proposals are welcomed, but funding priority will be given to those projects that address specific priority issues identified by the APMC IPM Coordinating Committee (see below).

Approximately \$50,000 is available. There is no maximum award; however, it is expected that 3-10 proposals will be funded under this RFP. **Proposals are due to Al Fournier by Thursday, Jan 31, 2008.** Funds will be distributed shortly after decisions are made by the IPM Coordinating Committee early in 2008. Funds should be expended by September 30, 2008.

National IPM Program Goals

Integrated Pest Management, or IPM, is a long-standing science-based, decision-making process that identifies and reduces economic, environmental or human health risks from pests (arthropods, vertebrates, weeds, and pathogens) and pest management related strategies. The goals of the National IPM Program are to: (1) improve economic benefits related to the adoption of IPM practices; (2) reduce potential human health risks from pests and the use of IPM practices; and (3) minimize adverse environmental effects from pests and the use of IPM practices. The National IPM Program address three environments: (1) production agriculture, (2) natural resources & recreational environments, and (3) residential and public areas. (For more information see <http://www.ipmcenters.org/docs/IPMRoadMap.pdf>).

APMC Goals and Priority Issues

The APMC invites broad membership and input to support the IPM research and outreach goals of Arizona stakeholders and UA faculty. An IPM program consists of the following elements: (1) it integrates multiple tactics and addresses multiple pests; (2) it considers a holistic (ecosystem or landscape-level) context; (3) it accomplishes economic and/or aesthetic objectives; (4) it capitalizes on natural controls and minimizes negative impacts on non-target organisms and the environment; (5) it meets social goals; and (6) it is a localized, adaptive approach.

Successful proposals should explicitly address one or more of the following pest management priorities identified by the IPM Coordinating Committee and/or other IPM stakeholders in Arizona:

- Issues identified at the 2006 Arizona Pest Management Center Summit, available online at <http://ag.arizona.edu/apmc/Summit.html>.
- Priorities identified in Pest Management Strategic Plans (available at the Regional IPM Centers website at <http://www.ipmcenters.org/pmsp/index.cfm>)
- Research and/or educational projects that address the broad pest management needs of pest managers, growers and other clientele and incorporate systems-level approaches.
- Projects that specifically include engagement of stakeholders and clientele to identify program priorities and/or demonstrate IPM outcomes to peers to promote broad adoption of IPM.
- Projects that will support efforts to document IPM program outcomes and develop measures and indicators of IPM program adoption and impacts.
- Projects that will enhance noxious or invasive integrated weed management efforts in the state, particularly those that will increase communication and efficiency among partner organizations involved in weed management and increase our ability to respond to new threats.
- Research and/or outreach projects that address new or emerging pest threats in Arizona.
- Projects that specifically link applied IPM research with statewide outreach will be given priority.

Funded projects from previous years can be viewed on the Arizona Pest Management Center website at <http://cals.arizona.edu/apmc/projects.html>.

Submission Format

Written proposals should be in Word or PDF format, and include a Logic Model worksheet (see <http://ag.arizona.edu/extension/pda/logicmodel/lm.html>) and a narrative that includes the following information (not to exceed 3 pages):

- a. Project title
- b. Project leader and team members
- c. Location for research/extension effort (county-based, multiple counties, statewide)
- d. Critical issue/situation to be addressed (identify stakeholders and how they will benefit from the proposed project; specifically identify national and APMC priorities addressed)
- e. Inputs (what will be invested, including budget details and any leveraged resources)
- f. Outputs, including planned Extension activities (planned activities and target audience)
- g. Expected outcomes and impacts (short-term, medium-term and long-term)
- h. Plan for evaluation (explain how will you measure achievement of desired outcomes)

Evaluation Criteria

The IPM Coordinating Committee will meet in February 2008 to review all proposals. Proposals will be judged by the following criteria:

1. Relevance to the APMC's priorities and the National IPM Program Goals (25 pts).
2. Clarity and appropriateness of the proposal (25 pts).
3. Importance of the project to an identified stakeholder group and potential impact for addressing an important pest management issue (25 pts).

4. Backgrounds and qualifications of project leader and team members in relation to the project objectives and appropriateness and degree of collaboration (10 pts).
5. Feasibility of completing the project within the proposed time frame and budget (10 pts).
6. Logic and feasibility of the plan for project evaluation; does it include measurable indicators of project success? (5 pts)

Final Report

Successful applicants must submit a Final Report to Al Fournier by Nov 30, 2008. This report should indicate progress on achieving project goals, outline project outcomes and impacts using appropriate quantitative and/or qualitative indicators, and quantify any leveraged resources that contributed to the project.