

LOGIC MODEL: IPM Proposal to Revise PCA Licensing Education Materials

SITUATION	INPUTS	OUTPUTS		OUTCOMES – IMPACT		
		Activities	Participation	Short	Medium	Long Term
<p><i>What is the problem or need?</i> A recent Arizona Dept. of Agriculture (ADA) review revealed that educational materials for the licensing of pest control advisors are out-of-date and need revising. The Arizona Crop Protection Association (ACPA) has approached UA to request assistance in revising and reshaping PCA exam preparation materials, taking a multi-disciplinary systems approach, incorporating integrated pest Management (IPM) and integrated crop management (ICM) elements.</p>	<p><i>What we invest</i> We request \$20k in salary funds for a student project coordinator and partial support of a student worker who will provide web support. There is a potential for leveraged funds through a pending Western Regional IPM Competitive Grant. Faculty will invest time and expertise to review and revise educational materials and Extension publications. Al Fournier will also dedicate time to help coordinate this project, but is not requesting funding.</p>	<p><i>What we do</i> (1) Faculty will evaluate existing education materials (and related extension pubs) and identify needs for revisions and new materials. (2) Tasks will be prioritized and distributed among appropriate faculty with a timeline for completion. (3) Al Fournier will coordinate completion and peer review of materials. (4) Revised publications will be made available and posted on ACIS.</p>	<p><i>Who we reach</i> The target audience for the revised ADA training materials includes crop consultants and pest control advisors (PCAs) working in urban, agricultural, and natural systems. County agents will benefit from the resulting review and revision of Extension publications, as will growers, homeowners, land managers, and other Extension clientele.</p>	<p>The review of available Extension materials will identify gaps and needs in our research and publications and a plan and timetable for addressing those needs. Interactions between faculty and members of the APCA and ADA to accomplish this task will strengthen ties between the university and important stakeholders in the private sector.</p>	<p>Revised and updated PCA license preparation materials. Revised and updated Extension publications. The scope of materials to be revised/created includes information on forage and grain crops, cotton, vegetables, tree crops, urban plant systems and native plants.</p>	<p>The revised ADA training materials will improve the quality of PCA training by incorporating elements of IPM and ICM into a broad systems approach to crop and pest management. This will result in better-educated professionals and improved and more sustainable crop and urban pest management, consistent with IPM goals of economic benefits and reduced health risks and environmental risks.</p>