

Accomplishments

Major goals of the project

Objective 1: Evaluate genetic, biological, and ecological parameters of SWD.

- Conduct genomic studies.
- Evaluate biological and ecological parameters.
- Study seasonal phenology.
- Assess host preferences and fruit susceptibility.

Objective 2: Develop a management strategy to minimize infestation and reduce risk.

- 2.1 Optimize monitoring systems.
- 2.2 Develop and validate degree-day model and establish treatment thresholds.
- 2.3 Conduct laboratory assays and replicated field trials for chemical controls.
- 2.4 Determine propensity for insecticide resistance development.
- 2.5 Initiate surveys for natural enemies for long-term biological control.
- 2.6 Explore area-wide sanitation and preventative practices.
- 2.7 Complete economic analysis.

Objective 3: Measure awareness, impact and success.

- 3.1 Conduct stakeholder advisory panel meetings to review accomplishments and guide and direct objectives.
- 3.2 Design evaluation tools that assess biological, economical and social impacts.

Objective 4: Synthesize existing and new information and provide real-time support.

- 4.1 Organize and schedule outreach and education interactions.
- 4.2 Create informational materials.
- 4.3 Develop realtime interactive online information, networking tools and forums.

What was accomplished under your project goals? Find project objectives here:

What opportunities for training and professional development has the project provided?

How have the results been disseminated to communities of interest?

What do you plan to do during the next reporting period to accomplish the goals?

Any changes to the project plan or problems?

Please list products developed, released, or published since 9/1/12 here:

Products or outputs are defined to be audio or video products; curricula; data or databases; equipment or instruments; patent applications; applications for Plant Variety Act protection; models; networks and/or collaborations fostered by the project or activity; physical collections or resources, new animal germplasm, or genetic maps; software; technology, methods, or techniques;

train-the-trainer manuals; website(s) with the appropriate URL(s); information, skills, and technology for individuals, communities, and programs; or students graduated in agricultural sciences.

Please record actual FTE worked under this SCRI grant during the past year, by category. It's clear that NIFA is very interested in student participation in sponsored research.

Actual FTEs for Reporting Period 9/1/12 to 8/31/13				
Role	Faculty and Non-students	Students within Staffing Roles		
		Undergraduate	Graduate	Post-Doctorate
Scientist				
Professional				
Technical				
Administrative				
Other				