Florida Citrus Advanced Technology Program

QUARTERLY & FINAL REPORTS: Control of Citrus Greening, Canker & Emerging Diseases of Citrus

Instructions Complete the fields based on your project specs. When finished, save the form to your local disk using a unique name. Then, go to **http://research.fcprac.com**, and log in with your user name and password using Researcher Login in the lower left. Find this project title and click on **Submit a Report**. Update your profile information if needed, then upload this report as directed.

2009-2010 REPORT	CATEGORY (drop-down)	TODAY'S DATE (m/d/yr)
◉ *Quarterly Report* ○ *Annual Report* ○ *Final*	Management	3/5/10

WHAT IS THE "HEADLINE" FOR THIS REPORT (e.g. a one-sentence "newspaper headline" describing what you accomplished)

Organizing the areawide Asian citrus psyllid management project

TITLE and CONTACT INFORMATION

Proposal Title Validation of Areawide Management of Asian Citrus Psyllid

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Phone 772-559-7134	*Project Duration (years)* 1 *Year of Project* 1
Organization Indian River Citrus League	*Total Direct Funds (current year)* $67,875

REPORT UPDATE (650 words; provide details about your headline)

This report covers the period of July 1, 2009 through September 30, 2009. This project was funded July 1, 2009.

This project was organized and many activities were completed prior to July 1, 2009.

There were four organizational meetings between FDACS, CHRP, USDA, University of Florida, the Indian River Citrus League and consulting personnel. There were 42 organizational meetings of the field personnel. The Indian River Citrus League held three meeting with their board to explain the areawide suppression program and to invite growers to participate. The project was organized into Martin, St. Lucie and Indian River Counties.

Growers were contacted for access to groves, blocks were surveyed for trap placement and trees and blocks were mapped and GPSed. All reports were designed and supplies were ordered. The tracking and analysis of data was organized. Personnel were trained in procedures for trapping and identification of Asian citrus psyllid.

This program cooperated in providing additional materials for aerial application for Asian citrus psyllid and Caribbean fruit fly control. Materials were provided by the pesticide industry and efficacy experiments were designed by the University of Florida. Three large, replicated efficacy experiments were conducted. One additional experiment was designed and organized, but not implemented due to weather. Materials were applied by air with psyllid monitoring before and after applications and comparisons with psyllid numbers in control plots. The efficacy of materials for Caribbean fruit fly control was assessed in the same experiments. Sterile Caribbean fruit flies were released before applications and fly numbers were monitored before and after application. Materials not previously registered are now moving toward label inclusion of aerial application for Asian citrus psyllid and for Caribbean fruit fly.

For the period July 1-Sept 30, 2009: Traps placed by county were: Indian River, 205; St. Lucie, 225; Martin, 72. Trees surveyed were: Indian River, 2,665; St. Lucie, 2925; Martin, 975. Traps set and retrieved were 6,565. Asian citrus psyllids caught were: Indian River, 5,583; St. Lucie, 8,414; Martin, 4,672.

This project was successfully organized and initiated during this period.