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	9/30/10

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

Organizing and monitoring an areawide management program for Asian citrus psyllid

TITLE and CONTACT INFORMATION

Proposal Title Validation of Areawide Management of Asian Citrus Psyllid

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Email info@ircitrusleague.org	*FDACS Contract Number* 014796
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 April 1 through June 30, 2010. This project was funded July 1, 2009.

A no-cost extension of this project was applied for in June 2010 and was granted during this reporting period.

Two coordinating meetings were held during this period. The field personnel, in particular, closely coordinated their activities with the personnel analyzing data.

Coordination with the aerial application program through Southeastern Air and the Indian River Citrus league continued as did the mapping of data for subsequent time and space analyses of Asian citrus psyllid populations.

Due to the massive amount of data being collected in the field, four Garmin GPS units and five laptop computers were purchased during this reporting period. The Garmin units were delivered on June 25, 2010..

This program increased its monitoring activities by increasing the number of tap samples. There were 730 tap sample sites: Indian River 265, St. Lucie 315, and Martin 150.

1. 4040 traps were set and retrieved during this reporting period: Indian River 1,325, St. Lucie 1,575 and Martin 750.

2. Trapping locations by county: Indian River 205; St. Lucie, 225; Martin 75.

3. There were 9,845 psyllids caught in traps duirng this reporting period: Indian River 5,433, St. Lucie3,672 and Martin 740.

Over 12,000 miles were driven by field personnel during this period.

The data have been analyzed by time and space by Drs. Hall and Gottwald(USDA) and hot spots identified.

In our previous report we stated that the data analyses from the first aerial application were inconclusive. The data from the second application in Feb-Mar 2010 also led to an inconclusive conclusion. The second application was made over a period of one month and the lengthy application period appears to be the reason for this result. The one month application period was the result of adverse weather and interference with harvesting.