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	3/22/10

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 Citurus 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 October 1, 2009 through December 31, 2009. This project was funded July 1, 2009.

Five coordinating meetings were held during this period. Seven meetings were held with field personnel to arrange, in particular, intensive trapping experiments.

This program coordinated with the aerial application program through Southeastern Air and the Indian River Citrus League. Pesticide applications were mapped for the Indian River and St. Lucie counties for subsequent for time and space analyses of Asian citrus psyllid populations.

Coordination with citrus growers was increased during this period in order to understand the relationship between grower programs to suppress Asian citrus psyllid populations with pesticide applications by ground and the areawide management program by aerial pesticide application.

Trapping was adjusted by blocks to obtain more control(non-sprayed) areas within the area covered by the areawide aerial program. Traps set by county were: Indian River, 205; St. Lucie, 225; Martin, 72. Total traps set and retrieved during this period were: 7,070. Trees surveyed during this period were: Indian River, 2,870; St. Lucie, 3,150; Martin, 1,050. Total Asian citrus psyllids caught were: Indian River 3,413; St. Lucie, 2,510; Martin, 2,020.

A new intensive trapping program was begun in Indian River County(the Marsh) and in St. Lucie and Okeechobee Counties (McArthur Farms) to provide baseline psyllid population data prior to applying pesticides by air for the areawide program. Citrus growers were contacted, new blocks for sampling were established by GPS and mapping and traps were set in these new areas.

Data sets were now transferred weekly for statistical and other analyses. It is noted that 29 Caribbean fruit flies were caught on the yellow sticky traps in this areawide program during this period.

This period established field procedures through experience and correction and provided a large data set for statistical analyses.