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	1/15/10

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

Citrus Greening Bibliographic Database: a highly accessed source of information for researchers and growers

TITLE and CONTACT INFORMATION

Proposal Title Creation and maintenance of the online citrus greening database

Principal Investigator Stansly., P. A.	*PI Last Name* Stansly
Email pstansly@ufl.edu	*FDACS Contract Number* 004
Phone 239-658-3400	*Project Duration (years)* 1 *Year of Project* 1
Organization SWFREC- University of Florida	*Total Direct Funds (current year)* $25,153

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

The Citrus Greening Bibliographical Database [http://swfrec.ifas.ufl.edu/hlb/database/] is managed by the Entomology group at the University of Florida-IFAS in Immokalee, in collaboration with the Center for Library Automation at the University of Florida in Gainesville. The database was constructed from the ground up, and after less than a year contains 1,770 references, 880 of which are linked to original sources. With the help of our users, we are continually searching for new information, cross-referencing existing data for accuracy, and updating the database regularly. Ninety percent of the entries are in English, with the remaining 10% in Spanish, Portuguese, Afrikaans, Japanese, Chinese, French, German, Vietnamese, Dutch, Farsi, Arabic, Czech and Hebrew. The database includes references from refereed and non-refereed research and extension publications, presentations, websites, proceedings, grant reports, periodicals, dissertations, book chapters and complete books. Entries are the product research worldwide on the various aspects of Huanglongbing (HLB): the associated bacteria (Candidatus Liberibacter spp.), vectors [Diaphorina citri Kuwayama and Trioza erytrea (Del Guercio)], plant and vector effects of the disease, and management tactics. The database was designed as a tool for growers, researchers, and students to access HLB related information. It is also readily accessible to the general public through a user-friendly interface. This project has been promoted in presentations at several national and international meetings in the U.S and Mexico to invite researchers to use the database and to contribute to it by submitting their publications. We have received a positive response from many researchers attending these meetings, and several have sent us their presentations and publications to be included in the database. During 2009, the database received close to 5,000 visits. The majority of those connecting to the Internet Protocol (IP) addresses are from Florida and California. However, we have also received visits from IPs located in several other countries such as China, Mexico, Colombia, and Brazil. These results indicate that the database is becoming an integral source of information for a growing number of researchers, growers, and the citrus community. Pending continued funding, unfortunately not requested in the original proposal, our goal for the second year of the project is to continue providing this service by including the most current information as it becomes available, increasing the number of linked documents, and creating an interactive forum in which researchers and growers can exchange HLB related information.

Presentations related to the citrus greening database database:

- Arevalo, H. A., A. B. Fraulo, and P. A. Stansly. 2009. Update on the Citrus Greening Bibliographical Database. (Poster). HLB/ ZC meeting, McAllen Texas
- Arevalo. H. A. and P. A. Stansly. 2009. Monitoreando el Psillydis Asiatico de los Citricos en el Campo y el Internet (Monitoring the Asian Citrus Psyllid in the field and the Internet). XIII Simposio Internacional de Citricultura. CD Victoria, Tamaulipas, Mexico.
- Arevalo, H. A., A. B. Fraulo, and P. A. Stansly. 2009. Update on the Citrus Greening Bibliographical Database. (Poster). Florida Entomological Society Annual Meeting. Ft. Myers, FL July 2009
- Arevalo, H. A., G. Snyder, and P. A. Stansly. 2008. The citrus greening Bibliographical Database, a New Tool for Researchers, Students and Growers. (Poster). International Research Conference on Huanglongbing. Orlando, FL December 1-5, 2008