CITRUS ADVANCED TECHNOLOGY PROGRAM

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

SELECT PERIOD June 2014

(●) *Quarterly Report* ( ) *Final*

Proposal Title

Continuation of diagnostic service for growers for detection of Huanglongbing in citrus and psyllids to aid in management decisions

Today's Date	Sponsoring Organization (drop-down)	Category (drop down)
8/19/14	Citrus Research and Development Foundation	Pathogen/Disease Detection

REPORT UPDATE (500 words-It is not necessary in this public report to disclose your institution's proprietary information or intellectual property.)

Continuation of diagnostic service for growers for detection of Huanglongbing in citrus and psyllids to aid in management decisions, June 2014.

The lab has been in operation for 7.5 years, and as of August 2014, we have processed more than 68,700 samples. Additionally, more samples have been received for research for the entire period of diagnostic service supported by grant funding of individual researchers. The quarter from April through June 2014 saw a 50% increase in total number of samples processed when compared to the same quarter in 2013. There were 325 growers samples received during that time frame, which is well over double the number seen during the second quarter of the previous year. For the calendar year to date, the HLB Lab has seen a 50% increase in number of growers samples received compared to 2013 numbers. The first two quarters of 2014 saw a 10% increase in the total number of samples processed over January-June 2013.

While overall numbers still reflect a decline when compared to peak sample processing of 2009-2010, there is a slight rebounding trend seen with increasing grower submissions over both 2012 and 2013 levels. Of interesting note is the fact that the number of individual submissions of growers samples in the first 7.5 months of 2014 has already surpassed the total number of submissions from either of the previous two calendar years. This correlates to the smallest average submission size (# of samples received at a time) seen since the all-time low during the lab's first year of operation. These increases in sampling may be attributed to replantings and analysis of new young trees.

The HLB Diagnostic Lab webpage was updated to announce the service of detection of CLas in psyllids as funded in this grant.

PI First Name Pamela

PI Last Name Roberts

Email pdr@ufl.edu

Phone 239-658-3400

Organization SWFREC

Project Number

Project Duration (years) 3 *Year of Project* 2

Total Funds (current year) $280,401.00

Form PR-12 Quarterly Reports **SUBMIT REPORT**

CITRUS RESEARCH AND DEVELOPMENT FOUNDATION, INC.