CITRUS ADVANCED TECHNOLOGY PROGRAM

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

SELECT PERIOD September 2014

(●) *Quarterly Report* ( ) *Final*

Proposal Title

A method to monitor for Guignardia citricarpa (Gc) ascospores in Florida groves

Today's Date	Sponsoring Organization (drop-down)	Category (drop down)
1/9/15	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.)

Sept 2015
The objectives of this project are to optimize Guignardia citricarpa ascospore extraction procedures and qPCR with automated extraction system, determine if prototype passive ascospore traps will capture a sufficient number of Guignardia citricarpa ascospores to be an effective monitoring tool and monitor for G. citricarpa ascospores in six locations around state.

We have designed and built prototype spore traps. The first one was placed at CREC near our Burkhard trap so that spore counts could be compared. Once we were satisfied with the design and that we had made them so they would not break, further traps were constructed. Six traps were deployed at different heights (0.5, 1.0, and 1.5 m) near our Burkhard traps in the Immokalee area. We have continued to deploy the slides in the traps but there are very few spores on the Burkhard and new traps to compare counts. This may be time of year.

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Organization CREC - UF

Project Number 919

Project Duration (years) 1 *Year of Project* 1

Total Funds (current year) $42,650.00

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

CITRUS RESEARCH AND DEVELOPMENT FOUNDATION, INC.