CITRUS ADVANCED TECHNOLOGY PROGRAM

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

▶ SELECT PERIOD December 2012

(●) *Quarterly Report* ( ) *Final*

Proposal Title

Transmission of the emerging citrus pathogen cytoplasmic citrus leprosis virus by endemic mites

Today's Date

Sponsoring Organization (drop-down)

Citrus Research and Development Foundation

Category (drop down)

Infection Consequences

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

Transmission tests using endemic healthy Brevivalpus phoenicis mites from Florida were done in quarantine at the USDA, ARS, Foreign Disease and Weed Science Research Unit, Ft. Detrick, MD. Cytoplasmic citrus leprosis infected samples were sent under permit from Colombia to the USDA, APHIS, PPQ quarantine facility at Beltsville, MD and then shipped under permit to the Ft. Detrick lab. The leprosis materials arrived in excellent condition as compared with previous samples that were detained in customs. Mite transmission tests were also done at the same time by our cooperator in Colombia. Results of both transmission tests are pending. The manuscript describing the new cytoplasmic citrus leprosis virus from Colombia ("A Novel Virus of the Genus Cilevirus Causing Symptoms Similar to Citrus Leprosis) was accepted for publication in Phytopathology) Contacts have been made with Mexico where another type of citrus leprosis has been detected.

PI First Name

PI Last Name

Email

Phone

Organization

Project Number

Project Duration (years)

Year of Project

Total Funds (current year)

Form PR-12 Quarterly Reports

SUBMIT REPORT

CITRUS RESEARCH AND DEVELOPMENT FOUNDATION, INC.