## CITRUS ADVANCED TECHNOLOGY PROGRAM

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

SELECT PERIOD

Proposal Title
Strigolactones types of growth regulator to combat HLB in Florida

| Today's Date | Sponsoring Organization (drop-down) |  |
| :--- | :--- | :--- |
|  | 12/5/2016 | Citrus Research and Development Foundation |

## Category (drop down) <br> Infection Consequences

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

The period between June and September 2016 was mostly spent on manuscript preparation, making presentations and preparing for the next series of objectives to be commenced in Nov, 2016. In the meantime a replacement scientist was sought given the departure of the previous Post Doc.

In preparation for the next objectives, we proceeded to purchase healthy trees to be used as controls, pots and other needed greenhouse materials. We also re-designed the irrigation lines to conform with the new experimental design and modified the greenhouse benches.

The objectives to be addresses are:
III: Effect of SL + Fungicides on Phytophthora growth in HLB-infected trees.
IV: Effect of SL on the growth of beneficial mychorriza.
V: Effect of spray application of SL + other promising compounds on citrus in groves. Additional natural organic such as organic acids, sugars, amino acids, and few other compounds will be applied on potted trees.

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Organization UF-CREC

## Project Number 899

Project Duration (years) $3 \quad$ Year of Project 2
Total Funds (current year) 347,426

