CITRUS ADVANCED TECHNOLOGY PROGRAM

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

SELECT PERIOD June 2015

(●) *Quarterly Report* ( ) *Final*

Proposal Title

Zinkicide: A novel therapeutic zinc particulate based formulation for preventing citrus canker and HLB

Today's Date	Sponsoring Organization (drop-down)	Category (drop down)
9/23/15	Citrus Research and Development Foundation	Epidemiology and Cultural Control

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

The canker field trial of Zinkicide compared to industry standard management on grapefruit showed better control of canker on fruit than all other treatments. We also observed control of some fungal pathogens. A second year of this field trial to confirm the results and test the consistency of control is well underway. Rainfall through the beginning of the summer at the field trial site was minimal. Without further rain later in the season there could be insufficient disease pressure to assess canker control.

Dr. Santra's group has improved synthesis of Zinkicide to reduce the amount of some ingredients needed for synthesis while maintaining efficacy. This improvement is aimed at reducing cost of production. He has also begun investigating possible registration and commercial production.

PI First Name Evan

PI Last Name Johnson

Email egjohnson@ufl.edu

Phone 863-956-8649

Organization University of Florida, CREC

Project Number 907

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

Total Funds (current year) $203,744.00

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

CITRUS RESEARCH AND DEVELOPMENT FOUNDATION, INC.