CITRUS ADVANCED TECHNOLOGY PROGRAM

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

SELECT PERIOD December 2013

(●) *Quarterly Report* ( ) *Final*

Proposal Title

Citrus Genetic Improvement Using Cell-Penetrating Peptides

Today's Date: 1/24/14

Sponsoring Organization (drop-down): Citrus Research and Development Foundation

Category (drop down): Citrus Genomics

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

Work has been continued on the experiments initiated last quarter. Fresh seed has been obtained to generate new citrus seedlings and, as expected, germination rates are much improved. Therefore transient expression assays are being reported with larger numbers of seedlings and our new peptides. This quarter, I have been dividing work among between all of the proposal objectives. Plasmid constructs for a silencing experiment using the citrus analog of NPR1 are being verified and it should be possible to test silencing soon.

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Organization University of Florida

Project Number 752rev

Project Duration (years) 3 *Year of Project* 1

Total Funds (current year) $45,417.00

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

CITRUS RESEARCH AND DEVELOPMENT FOUNDATION, INC.