CITRUS ADVANCED TECHNOLOGY PROGRAM

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

▶ INSTRUCTIONS

(●) *Quarterly Report* ( ) *Annual Report* ( ) *Final*

Required: What is the "headline" for this report (e.g. a one-sentence "newspaper headline" describing what you accomplished)

Service Lab facilitates transgenic solutions to HLB

Proposal Title

Increasing the Capacity of the University of Florida's CREC Core Citrus Transformation Facility (CCTF)

Today's Date	Sponsoring Organization (drop-down)	Category (drop down)
2/8/12	Citrus Research and Development Foundation	Transgenic/Metagenomic Mediation of Resistance

REPORT UPDATE (500 words; summarize your accomplishments)

The Core Citrus Transformation Facility (CCTF) continued to produce transgenic plants at expected rate of about a 100 per quarter. Plants for the following orders were produced:
eight Duncan plants (ELP3 gene); ten Duncan plants (ELP4 gene); 15 Duncan plants (p7 gene); three Duncan plants (p10 gene); three Duncan plants (pWG19-5 vector); three Duncan plants (pWG20-7 vector); five Duncan plants (pWG21-1 vector); 15 Duncan plants (pWG22-1 vector); five Duncan plants (pWG24-13 vector); 12 Duncan plants (pWG25-13 vector); five Duncan plants (pWG27-3 vector); four Hamlin plants (pLC220 vector); eight Duncan plants (p35 gene), 11 Duncan plants (35S-TRX vector), and two Duncan plants (SUC-TRX vector).
CCTF received three new orders in this period.

The decision was made to replace the soil to which plants get transferred to following successful grafting. Use of soil that would get contaminated occasionally resulted in a loss of plants in previous periods. A special, commercially available, foam product is being used instead of commercial potting soil. The problem of loss of plants due to soil contamination has now been remedied.

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Organization Citrus REC

Contract Number 00077978

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

Total Funds (current year) $85,000.00

SUBMIT REPORT

CITRUS RESEARCH AND DEVELOPMENT FOUNDATION, INC.