Florida Citrus Advanced Technology Program

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

Instructions Complete the fields based on your project specs. When finished, save the form to your local disk using a unique name. Then, go to **http://research.fcprac.com**, and log in with your user name and password using Researcher Login in the lower left. Find this project title and click on **Submit a Report**. Update your profile information if needed, then upload this report as directed.

2009-2010 REPORT	CATEGORY (drop-down)	TODAY'S DATE (m/d/yr)
(●) *Quarterly Report* ( ) *Annual Report* ( ) *Final*	Genetics	7/17/09

WHAT IS THE "HEADLINE" FOR THIS REPORT (e.g. a one-sentence "newspaper headline" describing what you accomplished)

Production of Transgenic Citrus Plants Being Expanded

TITLE and CONTACT INFORMATION

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

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Phone 863-956-1151	*Project Duration (years)* 3 *Year of Project* 1
Organization CREC-University of Florida/IFAS	*Total Direct Funds (current year)* $85,000.00

REPORT UPDATE (650 words; provide details about your headline)

Since the funding period started, one laboratory technician was added to the staff of CCTF. He was trained in all procedures employed in the lab and presently is capable of performing duties with very little supervision. Organization of the work in the lab was set to allow for higher influx of orders through different assignment of chores.
The list of transgenic plants that were produced and confirmed by the presence of reporter gene and appropriate PCR reaction:
LIMA gene: 3 Flame; LIMA(SN) gene: 5 Flame; CIT108 gene: 12 Valencia; CIT108p gene: 7 Flame; CIT108p3 gene: 14 Flame; CIT108p17 gene: 6 Flame; CL1 gene: 1 Valencia; 2 Duncan;
CL2 gene: 1 Valencia, 1 Duncan; PITA gene: 40 Duncan, 3 Valencia; C5* gene: 3 Duncan;
CN1 gene: 1 Duncan; N1* gene: 2 Duncan; F3* gene: 8 Duncan.

Presently, there are about 90 plants in the soil that were picked as positive for presence of reporter gene but not tested by PCR.