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	10/15/09

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

Transgenic test site is ready for planting.

TITLE and CONTACT INFORMATION

Proposal Title A secure site for testing transgenic and conventional citrus for HLB and psyllid resistance

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Phone 772-462-5951	*Project Duration (years)* 3+ *Year of Project* 1st
Organization USDA/ARS/USHRL	*Total Direct Funds (current year)* $93,049

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

As proposed, a transgenic test site has been prepared at the USDA/ARS USHRL Picos Farm in Ft. Pierce. A new 8 acre site has been bedded, supplied with irrigation, and a ground cover established. Several acres in the far NE corner have been prepared for Dr. Dawson's proposed field test of modified CTV expression vectors designed to produce anti-microbial peptides in citrus host plants. APHIS specified that Dr. Dawson's site be as far from existing commercial citrus groves as possible, and recommended the NE corner of the Picos Farm.

Answers have been provided to numerous questions from regulators to facilitate field testing approval. Cooperators have been made aware that the site is ready for planting. Dr. Jude Grosser of UF has initiated plans to establish ~1 acre of transgenic plants expressing genes expected to provide HLB/canker resistance. USHRL has filed papers with APHIS to conduct field trials of their transgenic plants at this site.