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)

More field trials to begin in spring '11

Proposal Title

Effects of nutrition and host plant on biology and behavior of the Asian citrus psyllid and implications for managing psyllid populations

Today's Date	Sponsoring Organization (drop-down)	Category (drop down)
10/15/10	Citrus Research and Development Foundation	Vector Management

REPORT UPDATE (500 words; summarize your accomplishments)

No progress in the field trials has been made since the October update. Currently we are planning multiple field trials to begin in spring 2011 that will validate the greenhouse studies on the effects of altering host plant nutrition on psyllid population dynamics. These trials will evaluate use of differing nutrient strategies to help manage psyllid populations using certain nutrients applied at rates that would be feasible for commercial citrus production without undue harm to the overall grove production or tree health. We are also in the process of propagating more ACP resistant and susceptible Cleo hybrids for more in depth studies on the mechanism of resistance to ACP observed in some Cleo plants in the greenhouse and field trials.

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Organization UF/IFAS/CREC

Contract Number 00078502

Project Duration (years) 2 *Year of Project* 3

Total Funds (current year) $87,607.00

SUBMIT REPORT

CITRUS RESEARCH AND DEVELOPMENT FOUNDATION, INC.