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*	Management	1/19/10

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

Remedy is effective in controlling citrus sprout formation when applied to the remaining stump after tree shearing.

TITLE and CONTACT INFORMATION

Proposal Title Treatment of Citrus Stumps with Herbicides to Minimize Sprout Formation and Determine Greening Status of Citrus Spouts

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Phone 863-956-1151	*Project Duration (years)* 1 *Year of Project* 1
Organization University of Florida	*Total Direct Funds (current year)* $16,000

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

Six months after shearing or clipping citrus trees off above the soil, the study has shown that Remedy is effectively controlling stump sprouts at all treatment times of 0, 24, 48 or 72 hours after shearing the tree off above the soil. However, in a few cases lateral roots did exhibit limited sprout formation even with the stump being treatment with Remedy. Complete and thorough coverage of the cut surface is essential for adequate control.

Sprouts were produced from the untreated stump as well as on limited lateral roots. The size of stump also impacts sprout formation with larger trunks producing more sprouts and quicker after shearing as compared to smaller stumps.

Rootstock also has an impact on sprout formation. Rough lemon rootstock tends to produce more sprouts from the trunk and lateral roots than other rootstocks in this study. However, with limited data the difference between rootstock is not able to be determined.

Sprouts from stumps will be collected and tested for HLB (greening) during the next quarter.