

Current Research Objectives

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Research topic: Citrus Horticultural Management

Primary Research Objective(s): Management of Root nutritional needs.

Research Goal: Learn when to fertilize and which nutritional elements to add attending root health and tree nutritional status.

Outcomes to date: We have identified a group of proteins that influence root growth and architecture in response to different macro and micronutrients. This is a new project running for 1 year and data collection continues. Knowing which nutrients, in what amount, and when have to be added to the soil, will result in great economic benefit for growers and has a great interest for them. We anticipate that this project will produce data that can be used to develop a model to fine tune nutrition and save money.

Funding source for this objective(s): IFAS new faculty startup funds