

## Current Research Objectives

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**Research topic:** Soil and Nutrient Management

**Primary Research Objective(s):** Identification of ideal suite of nutrients to promote citrus health

**Research Goal:** Optimize tree growth, fruit size, and yield using variable nutrient management strategies, including soil and foliar fertilization

**Outcomes to date:** Foliar fertilization coupled with traditional soil fertilization is helpful to promote tree growth and yield. Certain combinations of foliar treatments enhanced fruit size and yield for grapefruit grown in the Indian River region. In addition, use of zinc and manganese in excess of UF recommended levels tended to enhance optimal growth parameters, but research is still ongoing.

Growers implemented foliar fertilization strategies when appropriate, although most fertilization still occurs through fertigation systems.

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