

IN-SERVICE TRAINING FOR AGRICULTURAL EXTENSION AGENTS

Optimizing efficiency of irrigation and fertilization and evaluation of risks associate with climate for vegetable crops IST#30738



**November, 7th – 1 PM Agricultural and Biological Eng.
Dept. Room 122. Gainesville, FL**

Purpose

Update agents and training on the latest technology of irrigation methods and scheduling, and their integration with the fertilization practices for important commodities in Florida.

This IST aims to bring awareness and solutions for common irrigation management problems associated with fertilize practices, water salinity, and weather risk to improve soil nutrient balance, avoid over irrigation and nutrient leaching, and improve water quality.

Discussion topics

- How to reduce nutrient leaching by simply developing an irrigation-scheduling plan
- Importance of fertilizer nutrient management and soil nutrient balance for crop production
- Salinity impacts on crop production: How to manage soils and irrigation water with high levels of salinity?
- Phosphorus Fertilization: Strategies for improving P use efficiency for commercial vegetable production in Florida.
- How to use climate information to improve irrigation and fertilization practices"

Course Developers and Instructors:

- Lincoln Zotarelli, Irrigation and Nutrient Management, Vegetable Production, Horticultural Sciences Department, Main Campus
- Jeff Ullman, Water Quality, Dept. of Ag and Bio Engineering – Main Campus
- David Liu, Nutrient Management, Horticultural Sciences Department, Main Campus
- Kelly Morgan, Nutrient Management and Irrigation, Soil and Water Science Dept. – Immokalee REC
- Clyde Fraise, Agroclimatology, climate risk and mitigation tools, Dept. of Ag and Bio Engineering – Main Campus

Please Register at: http://pdec.ifas.ufl.edu/inservice_training/
IST# 30738

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