

# Agenda

- Opening remarks
- FDACS-AES project updates
- FY 2023-24 funding update
- PNOC past, present, and future
- **Input on:** Communications strategy
- **Input on:** What an IFAS recommendation should look like
- Vegetable research update
- Items from the floor

# FDACS-AES projects (January – March)

- Field activity continues: tomato, potato, snap bean, citrus
- New field activity: cotton, corn, snap bean, watermelon, peach, hemp
- Events and findings:
  - Investigators shared info at extension events
  - 240 lbs N/acre on corn might not be enough to achieve yield potential
  - Tomato/bean yield responded to P fertilizer where soil test P was “High”
  - P fertilizer source (liquid vs. dry) affected bean response
  - Correlation coefficients for public vs. private lab soil test P: 0.47 to 0.89
    - IFAS and Waters: 0.81; IFAS and Waypoint: 0.77; IFAS and CFSL: 0.47
- These projects wrap up at the end of August.

# FDACS-AES projects (new funding)

- Continue tomato, potato, snap bean, citrus, cotton, corn, peach, hemp
- Add sod production, blueberry, lettuce, and site-specific
- Less emphasis on equipment in new budgets
- Challenges
  - Finding and hiring people
  - Year-to-year funding
- Plans of work:
  - How will you keep growers and other stakeholders informed?
  - Research info we can use for site-specific recommendations
  - Research aspects that will help describe the environmental fate of N or P

# PNOC in the last 12 months

- Restructured in May 2022
- Recommendations considered and approved:
  - Carrot N fertilizer management.
  - Secondary and micronutrient applications to citrus.
  - Sugarcane:
    - Soil test-based calcium silicate rates.
    - Soil test-based P and K fertilizer rates.
    - N, P, Si fertilizer rates for transitional soils and S fertilizer for sands.
  - Provisional P fertilizer recommendation for potato.
  - Strawberry N fertilizer management.
  - Turfgrass lawn N and P recommendations.

# **PNOOC future business**

- Provisional P recommendation for tomato?
- Fate of provisional P recommendation for potato.
- Framework/format for an IFAS recommendation.
- Broader involvement with FDACS and FDEP.
- Whatever else faculty want to bring. (Corn?)
- Urban landscape fertilization?

# PNOC communications strategy

(Tom Obreza, Darryl Palmer, Chris Vivian, Mary Ann Hooks, Christopher Hodge, Terry Moore)

- Timely recommendation updates
- Clear language and messaging
- Create easily-accessed communication channels
- Faculty aware first
- Single source for information
- Distinguish between IFAS recommendations and BMPs
- Transparency about research and recommendation process
- Anticipate and address public concerns
- Unbiased, science-based
- **Nutrient Mgt communications specialist to be hired in FY 2023-24**

# [bmp.ifas.ufl.edu](http://bmp.ifas.ufl.edu)

- FDACS-AES funded projects
- Fertilizer recommendations by crop
- BMPs
- FAQs
- News, updates, events
- Resources
- Two-way interaction

# The IFAS nutrient management recommendation

Individual crop fact sheets? Web-based? App?

## 5Rs concept by commodity:

- General information
- Fertilizer rates
- Fertilizer timing and placement
- Fertilizer sources
- Water management
- References/other resources