

In-Service Training ([IST#: 32369](#))/CEU Roundup ([FDACS Program # 39061](#))/

CCA CEU Tracking #: [FL 54737 thru FL 54742](#)

New Technology for Commercial Vegetable and Fruit Production (XIII)

Wednesday, February 26, 2025, from 8:45 to 4:00 PM

Blueberry classroom 154 (behind Fifield) & via Canvas

County: _____ City: _____ Zip code: _____

Name: _____ (Use the **same** name or symbol for pre- and post-tests)

Pre-test

Presentation Title:

Nutrient Management in Greenhouse Hydroponic Vegetable Production

Presenter: Dr. Pavlos Tsouvaltzis (239-658-3410) ptsouv@ufl.edu

1. **Two of the disadvantages of vegetables production in hydroponic are:**
 - A: The elimination of weeds from the crop.
 - B: The automation and mechanization of cultivation operations.
 - C: The cost of the initial installation of a hydroponic unit.
 - D: The complexity in the handling of water and nutrient solutions.

2. **In an open hydroponic system, the common practice is the use of:**
 - A: two containers (A & B) for water-soluble fertilizers and a third one (C) for the acid.
 - B: one container (A) for water-soluble fertilizers and a second one (B) for the acid.
 - C: one container (A) for water-soluble fertilizers and two more (B & C) for an acid and a base, respectively.
 - D: two containers (A and B) for water-soluble fertilizers and two more (B & C) for an acid and a base, respectively.

3. **During the preparation of the nutrient solutions, the grower should regularly monitor:**
 - A: the color of the solution.
 - B: the pH of the solution.
 - C: the electrical conductivity of the solution.
 - D: the temperature of the solution.

4. **Soilless cultivations are usually irrigated:**
 - A: once per day, usually in the morning before sunrise.
 - B: once per day, usually during the night after the sunset.
 - C: once every other day.
 - D: multiple times during the day.