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)

Post-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.