New Technology for Commercial and Fruit Vegetable Production (V)

Conference ID: 7834290

Polycom from 1308 Fifield Hall, Gainesville, Florida to 12 host sites statewide

Wednesday, February 22, 2017

County: ____________________________ City: ____________________________ Zip code: ____________

Pre-test

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

1. The UF Plant Diagnostic Center can receive samples from:
   a. The state of Florida
   b. The continental US
   c. US states and territories
   d. From anywhere in the world
   e. All of the above

2. Which new disease of blueberry was discovered by the UF Plant Diagnostic center in 2016?
   a. Bacterial leaf scorch
   b. Bacterial blight
   c. Bacterial wilt
   d. Xylella
   e. Ripe rot

3. Which of the following is not an appropriate method to help correct for high alkalinity water in hydroponic systems?
   a. Switch to or blend with an alternate water source
   b. Install a water softener
   c. Install a reverse osmosis system
   d. Inject acid into the irrigation water
   e. None of the above

4. Which of the following are typically adjusted over time in the recipe for hydroponic tomatoes:
   a. Phosphorus – decrease concentration over time to reduce phosphorus leaching
   b. Nitrogen – increase concentration over time (starting with low N to push reproductive growth initially)
   c. Calcium and Potassium – increase concentration over time as needed in large quantities by fruit
   d. A and B but not C
   e. A, B, and C
5. What are the limitations for mechanical harvesting of Florida blueberries for fresh markets?
   a. Bruising and reduced postharvest quality
   b. Immature fruit harvest
   c. Equipment costs.
   d. A and C
   e. A, B and C

6. What blueberry cultivar characteristic is not well-suited for mechanical harvest?
   a. Narrow crowns
   b. Dry picking scar
   c. Uniform ripening
   d. Tight fruit clusters
   e. B and D

7. Which of the following are NOT considered when determining an annual crop nutrition program:
   a. IFAS recommendations
   b. Soil and tissue testing
   c. TMDLs and BMAPs
   d. Irrigation management

8. Which of the following describe acceptable fertilizer BMPs for agricultural production
   a. Application of IFAS recommended nitrogen amounts
   b. Soil test index for phosphorus and potassium
   c. Soil pH
   d. A and B but not C

9. What is the ideal pH for peach trees?
   a. 4.5
   b. 5.5
   c. 6.0
   d. 7.5
   e. None of the above

10. The major insect pest in North Central Florida is:
    a. Plum curculio
    b. Brown marmorated stinkbug
    c. Caribbean fruit fly
    d. Thrips
    e. All of the above
    f. None of the above

11. Which of the following are major peach diseases in Florida?
    a. Powdery mildew
    b. Fungal gummosis
    c. Peach leaf rust
    d. a and b
    e. b and c
    f. all of the above