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In-Service Training (IST#: 31110)/CEU Roundup (FDACS Program # 20920)

CCA Tracking #: FL 52403 (AM session) and FL 52402 (PM session)

New Technology for Commercial and Fruit Vegetable Production (IV)

Conference ID: 7834010

Polycom from 1306 Fifield Hall, Gainesville, Florida to 8 host sites statewide

Wednesday, February 24, 2016

County:_____City:_____Zip code:_____

Post-test

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

1. The most sustainable predatory mite to control twospotted spider mites in strawberry in Florida is:
   a. *Phytoseiulus persimilis*
   b. *Phytoseiulus acari*
   c. *Neoseuilus californicus*
   d. *Twopotted spider mite*

2. Site specific pest management is an effective strategy (Select **all** that is correct)
   a. Can be used effectively against pests that have a clumped distribution
   b. Can be used effectively against very mobile pests
   c. Is a good way to save on chemical inputs
   d. Requires more sampling than whole plot

3. Converting seepage into center pivot irrigation can save_____irrigation water.
   a. 30-40%
   b. 50-60%
   c. 40-50%
   d. 70-80%

4. The traditional fertilizer program is not quite suitable for overhead irrigation and reduces N use efficiency by_____:
   a. 0-5%
   b. 5-15%
   c. 15-25%
   d. 25-30%

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5. Life cycle assessment is a research tool to determine environmental impact of interrelated input components and processes for a product or practice. Which of the following statements about LCA is false?
    a. The first step is a life cycle inventory.
    b. A LCA model can be used to query the impact of system components and possible modifications of those components.
    c. Has shown that a 2-in caliper tree has a larger carbon footprint than Timberland winter boots.
    d. None of the above.

6. Ecosystem services can be defined or characterized as…
    a. Benefits provided to humans from ecosystems
    b. Landscape plants provided regulating ecosystem services
    c. Landscape plants provided cultural ecosystem services
    d. A and B but not C
    e. A, B and C

7. Profitability in a high tunnel depends on:
    a. Grower expertise
    b. Market
    c. Soil fertility
    d. Weather patterns
    e. All of the above

8. Complete biodegradation refers to the oxidation of the compound to:
    a. CO_2 and corn starch
    b. CO_2 and H_2O
    c. H_2O and corn starch
    d. Corn starch and microbes
    e. Microbes and plastic

9. Which of the following are outcomes of nutrient best management practices?
    a. Increased crop plant growth and yield
    b. Reduced nutrient leaching
    c. Potential for reduced disease and irrigation water use
    d. All of the above

10. Which of the following are NOT objectives of soil sampling?
    a. Provide an index of nutrient availability for plant growth
    b. Predict the probability of obtaining profitable response to fertilizer application
    c. Potential maximum yield
    d. Provide a basis for recommendations on the amount of fertilizer to apply