

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: _____

Pre-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. *Neoseiulus californicus*
 - d. *Twospotted 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%

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. CO₂ and corn starch
 - b. CO₂ and H₂O
 - c. H₂O 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