New Technology for Commercial and Fruit Vegetable Production (VI)

Meeting ID: 480 115 633

Wednesday, February 28, 2018

County: ____________________________ City: ____________________________ Zip code: __________

Post-test

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

1. Chloropicrin:
   a. May promote nutsedge tuber sprouting
   b. Is effective on nematodes
   c. Enhances Paladin efficacy on nutsedge
   d. All of the above

2. Herbicide persistence when applied under plastic in vegetables
   a. Is shorter than when applied to bare ground
   b. Tends to be longer than when applied to be bare ground
   c. Varies with herbicide chemistry
   d. B and C

3. What is machine vision?
   a. Technology that can be used to view the interior components of farm equipment
   b. A camera-based system that can be used to identify and locate pests
   c. Ocular implants for people with damaged vision
   d. None of the above

4. What agricultural production tools are available to improve the nutritional quality of food crops?
   a. Fertilizer practices
   b. Cropping systems
   c. Soil amendments
   d. All the above

5. What strategies can be used to biofortify food crops?
   a. Fertilizers
   b. Plant breeding
   c. Genetic engineering.
   d. All the above

6. What is the root cause of malnutrition globally?
   a. Low income
   b. Poor government support for nutrition education
   c. Agricultural systems not designed to improve nutrition and health
   d. Poor food transportation networks
   e. None of the above
7. Which crop(s) is (are) high in antioxidants?
   a. Artichoke
   b. Blackberry
   c. Pomegranate
   d. All of the above
   e. None of the above

8. Which plant hormone can overcome chilling requirements in artichoke and blackberry?
   a. Auxin
   b. Abscisic acid
   c. Gibberellic acid
   d. Ethylene
   e. Cytokinin

9. Which crop is sensitive to photoperiod (day length) for flower initiation?
   a. Artichoke
   b. Blackberry
   c. Pomegranate
   d. Hops
   e. All of the above
   f. None of the above

10. What are the factors used to choose the peach varieties to grow in a location?
    a. Chill requirement
    b. Rootstock disease resistance/susceptibility
    c. Rootstock/scion combination
    d. All of the above

11. When major pruning should be done in fruit trees?
    a. Summer, when fruit is still on the tree.
    b. Fall, after fruit was harvested and leaves are still on the tree
    c. Winter, when the trees are dormant
    d. None of the above

12. When do you collect soil samples to identify the major types of nematodes affecting fruit trees?
    a. February – April and September – October
    b. January
    c. June – July
    d. May
    e. None of the above

13. Why is fruit thinning important for fruit trees?
    a. Obtain optimal fruit size and yield.
    b. Maintain weed control
    c. Reduce canopy growth
    d. Insect and disease control
    e. None of the above

14. Plastic products labeled as “biodegradable” are all compostable.
    a. True
    b. False

15. Only about 10% of recyclable plastic products are recycled. Why?
    a. The cost of recycling is prohibitive.
    b. There is lack of demand for products made from recycled plastics
    c. The quality of recycled plastics is inferior to “virgin” plastics
    d. None of the above

16. Modified atmosphere packaging (MAP)...
    a. Supplements good temperature control.
    b. Reduces the rate of metabolic reactions
    c. Is used for virtually all fresh-cut products
    d. All of the above