

New Technology for Commercial Vegetable and Fruit Production (VIII)

Wednesday, February 26, 2020

County: _____ City: _____ Zip code: _____

Pre-test

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

1. Which do the following have the major influence on yield and quality of vegetables and fruits?

- | | |
|-------------------------|------------------|
| a. Heredity | d. Soil |
| b. Management practices | e. a and b |
| c. Climate | f. All the above |

2. Moderate salinity stress can increase fruit sweetness.

- | | |
|---------|----------|
| a. True | b. False |
|---------|----------|

3. Converting seepage into center pivot irrigation can save _____ irrigation water for Florida's potato production.

- | | |
|-----------|-----------|
| a. 30-40% | c. 40-50% |
| b. 50-60% | d. 70-80% |

4. The traditional granular fertilizer program is not quite suitable for potato production with overhead irrigation and reduces nitrogen use efficiency by _____ through nitrate leaching:

- | | |
|----------|-----------|
| a. 0-5% | c. 15-25% |
| b. 5-15% | d. 25-30% |

5. Using the same amount of fertilizer, potato tuber yield was _____ greater with fertigation than with dry granular fertilization:

- | | |
|-----------|-----------|
| a. 5-15% | c. 25-35% |
| b. 15-25% | d. 35-45% |

6. Somaclonal variation is a process where a variety is put into tissue culture, and a population of plants is regenerated.

- | | |
|---------|----------|
| a. True | b. False |
|---------|----------|

7. What is the most HLB-tolerant citrus variety?

- | | |
|-----------------|------------|
| a. Sugar Belle; | c. a and b |
| b. Sweet orange | d. Neither |

8. HLB causes severe deficiencies of _____ in CLas infected trees?

- a. All the micronutrients
- b. N,P,K
- c. a and b
- d. Neither

9. The treatment interval for pest control is determined by _____:

- a. the number of applications permitted by the insecticide label
- b. the number of days till harvest
- c. the number of days since the last insecticide application
- d. the number of days in the pest's generation time

10. The active ingredient of the insecticide determines:

- a. are effective against the same pests
- b. have the same active ingredient
- c. should be grouped in the same treatment interval
- d. have the same common name

11. Which of the following item needs to be considered o using dormancy breaking agents?

- a. Registration
- b. Application time and rate
- c. Safety for both human and plant
- d. All the above
- e. None of the above

12. Insufficient chill unit cause:

- a. Prolonged bud burst
- b. Abnormal growth
- c. Uneven shoot development
- d. Uneven fruit maturity
- e. All the above

13. What type of workers use the H-2A program?

- a. Domestic agricultural workers
- b. Undocumented agricultural workers
- c. Non-agricultural workers
- d. Foreign agricultural workers temporarily in the US
- e. None of the above

14. Which of the following commodity groups is growing the fastest?

- a. Fruits and tree crops
- b. Feed crops
- c. Food grains
- d. Vegetables
- e. Cotton

15. Which is the largest group of workers in U.S. agriculture?

- a. Domestic agricultural workers
- b. Undocumented agricultural workers
- c. Non-agricultural workers
- d. Foreign agricultural workers temporarily in the US
- e. None of the above