

## New Technology for Commercial Vegetable and Fruit Production (VIII)

Wednesday, February 26, 2020

County: \_\_\_\_\_ City: \_\_\_\_\_ Zip code: \_\_\_\_\_

### Post-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. None of the above

**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