

Fruit Trees and Small Fruits

Questions are based upon Michael Janik and Leslie Allen's lecture and associated handouts.

1. According to Michael, which fruit gives the most bang for the buck? (2pts)
2. What is apical dominance? (3pts)
3. How do you use apical dominance to shape fruit trees? (3pts)
4. What are chill hours? (3pts)
5. What is the minimum number of chill hours required for fruit trees to produce in Northern Nevada? (2pts)
6. What do you use to backfill when planting a fruit tree? (3pts)
7. How much fertilizer should you use on fruit tree? (2pts)

8. Name two mineral deficiencies common in our area. (2pts)

9. How do you control aphids? (3pts)

10. What is the most destructive apple and pear pest in our area? (2pts)

11. How many hatches are there per of year of this pest? (2pts)

12. What is the ideal irrigation regime for fruit trees? (3pts)

13. What's the best soil amendment for fruit trees? (3pts)

14. What are the advantages of M26 and B9 dwarfing rootstock? (4pts)

15. What special cultural practices should be used on dwarfing rootstock?
(3pts)

16. What type of rootstock would you use to dwarf a peach tree? (2pts)

17. According to Michael, what's the smartest thing you can tell a customer? (2pts)

18. How do you check the references of an on-line catalog?

19. Strawberries spread with which type of modified stem? (1pt)

20. What are the three strawberry cultivars? (3pts)

21. Which strawberry cultivars are recommended for our area? (2pts)

22. What are the ideal growing conditions for strawberries? (3pts)

23. How can you reduce the risk of Verticillium wilt in small fruit cultivation? (2pts)

Homework

Please PRINT all answers

24. What are the recommended methods for growing strawberries? (2pts)
25. What is the main advantage for growing (any berry) in raised beds? (3pts)
26. What are two methods for pre-planting weed control? (2pts)
27. Give two examples of physical exclusion methods for integrated pest management of small fruit cultivation. (2pts)
28. What is the ideal planting depth for bare root strawberries? (4pts)
29. Describe the first year care of strawberries. (3pts)

Homework

Please PRINT all answers

30. What is the ideal irrigation regime for strawberries? (2pts)

31. How should ripe strawberries be harvested? (2pts)

32. Blueberries require what kind of soil? (2pts)

33. What are the three most common blueberry cultivars? (2pts)

34. What are the ideal growing conditions for blueberries? (6pts)

35. When should bare root blueberry plants be planted? (2pts)

36. What kind of synthetic fertilizer should be used if growing blueberries conventionally? (2pts)

37. Describe the pruning requirements for blueberries? (6pts)

38. What are the general differences between blackberries and strawberries?
(2pts)
39. About how long does it take for raspberries and blackberries to mature?
(2pts)
40. What type of modified stem do blackberries and raspberries produce?
(2pts)
41. What is a primocane? (2pts)
42. What is a florican? (2pts)
43. What are the fruiting differences between summer-bearing raspberries and blackberries and fall-bearing red and yellow raspberries? (4pts)
44. What are the most cold hardy raspberry cultivars? (2pt)

45. What are the ideal site conditions for growing raspberries and blackberries? (4pts)

46. How should bare root raspberries and blackberries be planted? (3pt)

47. How deep should container grown plant be planted? (2 pts)

48. What are three most common types of trellis systems? (3pts)

49. How should the canes be protected for the winter? (2pts)

50. What does deep irrigation after dormancy do for the plant? (3pts)

51. In general, when should raspberries and blackberries be pruned? (2pts)