York County Master Gardener Review 2

Due back in Class on May 16

This review is open book take home and you may discuss the questions with your fellow Master Gardeners.

Note: Please print NEATLY or use a word version from the blog and do it on your computer.

Name: ____________________________________________

Small Fruit

1. Please describe renovating a matted row system of strawberry production. When would you do it? What steps would you take, etc.?

2. Why, when and how do you mulch strawberries for the winter, and when would you remove it?

3. What pH range is best for growing strawberries?

4. List 2 benefits and 2 detriments to growing strawberries on raised beds:

5. The least expensive way to purchase new raspberry plants would be to purchase and plant (dormant canes/tissue culture plugs/potted plants)

6. Why is the newly arrived in Maine fruit fly, Spotted Wing Drosophila, a particularly difficult management problem for home gardeners and farmers?

7. What pH range do highbush blueberries grow best in?

8. Why do we recommend removing flower blossoms from newly planted highbush blueberries?

9. What types of grape varieties are hardiest for producing wine in Maine?
Tree Fruit and Pruning

10. You decide to have a career change and become a commercial orchardist in York County and begin to undertake the search for the perfect site to locate your new agriculture endeavor. Please describe the ideal characteristics you are looking for in the site of your new orchard:

11. What apple variety might you choose to make sure your McIntosh apple tree will be pollinated:

12. What cultural practices (list 2) might you perform in your orchard as a non-pesticide approaches to controlling apple scab?

13. What cultural practices (list 2) might you perform in your orchard as a non-pesticide approaches to controlling brown rot of stone fruit

14. What cultural practice (list 1) might you perform in your orchard as a non-pesticide approaches to controlling black rot of plum?

15. What is the primary reason fruit trees are grafted and not grown from seed?

16. Name 3 reasons why you should prune fruit trees?

17. The two main types of pruning cuts are called a __________ cut and a ____________ cut.
18. Please diagram a 1-2-3 cut that you would use to remove large heavy branches.

Use bulletin from your manual:
publication # 1269 Pruning Woody Landscape Plants: http://umaine.edu/publications/2169e/

**Good Agricultural Practices**

19. What are the general guidelines in adding manure to a home garden?

20. List some important practices in harvesting and preparing garden produce with food safety in mind:

**Pesticide Safety**

21. True or False: This corn gluten meal which is used as a natural control for prevention of crabgrass is not considered a Pesticide.

22. True or False: Between 1995 and 2007 the number of pounds of home pesticides used by homeowners in Maine went up more than 8 times.

23. Which two types of pesticides would have the lowest exposure potential?
   - Granular
   - Ready to Use Baits, Gels or Liquids
   - Dust
   - Aerosol
   - Wettable Powder
   - Liquid Concentrate

**Pest Management – Insects and Diseases**

24. List 3 non-pesticide approaches to preventing diseases in the home garden:
25. The three distinct body regions of an insect are called:

26. Aphids have: a) chewing  b) sucking  c) sponging mouthparts.

27. Name three types of **biological** pest control. (hint: biological indicates living organisms)

Extra Credit

An old timer York County farmer decided to expand his chicken production operation. He took an egg brought it out into his well maintained organic garden, dug a hole and planted the egg. He watered, mulched and did everything in his vast years of experience to create the right conditions for germination. Weeks went by and nothing happened. He decided to call his county office of University of Maine Cooperative Extension and ask his trusty educator what he was doing wrong.

The Extension Educator – Frank I think his name was, asked him a lot of questions about his practices up to that point. Frank thought for a second and replied – “oh that’s easy” you forgot to:

Note: I’ll tell you my answer after I see yours. There is more than one correct answer 😊