Horticulture Class

Objectives and Study Guide for Week 9

Name _____ _____points earned

10 possible points

During this week, you will learn about terms specific to integrated pest management. In addition we will continue to identify/classify plants by common names, continue to identify trees by common and scientific names, work with pest management methods, and identify world regions on their specific horticultural plants. (**Units 16 and 17 of Book**).

Unit 16 Reading -- Record the Page you found the answers on.

1. In a pest control program, what should be considered first before using chemical methods? Why?

2. What does IPM stand for? What advantages does it have?

3. List four types of predators that naturally control plant pests. Explain why these controls are important.

4. Name three plants that provide food sources of nectar and pollen for **parasitic pest control insects.**

5. What is *Bacillus thuringiensis* (Bt)?

6. Give two examples to explain why insect pests don't attack certain varieties of plants.

7. What does VFN resistant stand for?

8. What plant is an example of using endophytes (fungus and bacterium) to protect plants against insects?

9. List six plants that show promise as **natural pesticides**.

10. When should a pest that gets inside a plant be controlled? How should it be done?

11. Name a natural way to control root rot **and** tomato wilt.

12. Why is it important to know the life cycle of a pest in order to effectively control it?

13. What are **chitin inhibitors** and why are they used?

14. Describe four ways biological control agents work.

begin with unit 17 reading **Record the Page you found the answers on.**

15. What does WPS stand for?

16. How can the spread of disease sometimes be halted without chemicals?

17. Discuss the requirements for choosing the correct pesticides.

18. Name the three ways poisons enter the body. Which do you consider the most 'serious' threat to humans and why?

19. Name and explain the four toxicity categories.

20. Describe the four categories of **acute toxicity** and their signal words that appear on labels.

21. Describe **four** safety precautions to follow when using chemicals.

22. Explain what should be done in case of an accidental pesticide spill.