

Unit 13- Biological Control Study Guide

Unit Objectives

1. Relate 4 major events in the history of pest control.
2. Describe the major types of insecticides and give an example of each.
3. Describe in detail how organophosphates and carbamates interfere with the normal functioning of the nervous system.
4. Describe how toxicity of insecticides is measured.
5. Discuss the advantages and disadvantages of insecticides.

Define

Insecticide

Pesticide

Silent Spring

DDT

LD₅₀

Toxicity



If you had been one of Napoleon's soldiers, how would you probably have died?

What are some of the modes of entry for chemical controls?

What are some of the modes of action of chemical controls?

What is the difference between a trade name and a chemical name and a common name of a chemical?

What are the different classifications of pesticides, and how are they ranked? Why is it important to understand an insecticide's label?

When is a good time for a farmer to treat a field?

How did you do on the toxicity quiz? Were you surprised at the results?

How are different types of insecticides classified?

Why are organochlorines no longer used?

Why would you not want to use a carbamate in your garden?

What are IGRs? How do they work? Why are they considered safe?

What are some other ways to control pest insects other than with insecticides?

What is pesticide resistance?

What are some of the disadvantages of using insecticides?