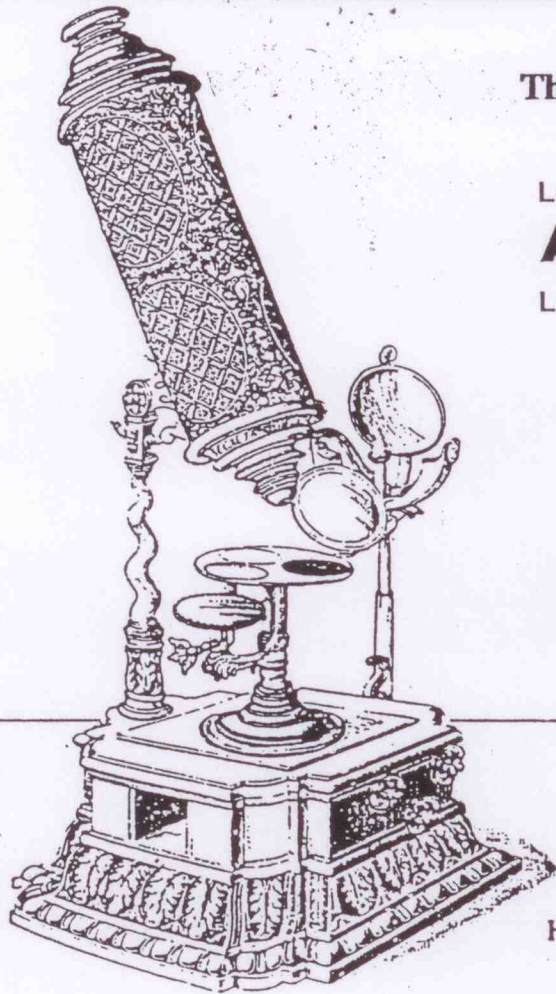


Microbial Pest Control



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Hertel's microscope (1716)

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PREFACE

Federal and state regulations establish general and categorical standards that must be met before you can legally use certain pesticides. This guide contains basic information to help you meet both the general and categorical standards for applicators who need to be certified to use certain antimicrobial agents.

Microorganisms, also known as microbes or "germs," are living cells so small that most can be seen only with a microscope. Algae, fungi, bacteria, and viruses are all microbes. Any substance or mixture of substances that acts against microbes is an antimicrobial agent.

This manual deals with the following types of antimicrobial agents to be used on inanimate objects or fluids to control microorganisms:

- Disinfectants
- Sanitizers
- Bactericides and bacteriostats
- Virucides
- Sterilants
- Algaecides
- Fungicides and fungistats
- Antifoulants
- Preservatives
- Slimicides
- Mildewcides

Antimicrobial agents used to protect and preserve wood products from microorganisms are not included.

For the purposes of this manual, the term "microorganism" will refer only to the bacteria, fungi, algae and viruses.

The final chapter provides definitions of many specialized terms used to describe antimicrobial pesticides and how they work.

Note: To be certified in the category of anti-microbials, you must pass a written exam based on all chapters of this manual with the exception of the chapter on "Equipment, Application Methods, and Chemicals." You are required to study only the section in this chapter applying to your area of work.

