

methods, as shown in the following outline, modified from Metcalf et al. (1951).

Inventory of Methods of Applied Insect Control (arranged in approximate order of complexity)

- I. Cultural methods or the use of agronomic practices
 - A. Use of resistant varieties of domestic plants and animals
 - B. Crop rotation
 - C. Crop refuse destruction
 - D. Tillage of soil
 - E. Variation in time of planting or harvesting
 - F. Pruning or thinning
 - G. Fertilization
 - H. Sanitation
 - I. Water management
 - J. Planting of trap crops
- II. Mechanical methods
 - A. Hand destruction
 - B. Exclusion by screens, barriers
 - C. Trapping, suction devices, collecting machines
 - D. Crushing and grinding
- III. Physical methods
 - A. Heat
 - B. Cold
 - C. Humidity
 - D. Energy—light traps, light regulation, irradiation
 - E. Sound
- IV. Biological methods
 - A. Protection and encouragement of natural enemies
 - B. Introduction, artificial increase, and colonization of specific parasitoids and predators
 - C. Propagation and dissemination of specific bacterial, virus, fungus, and protozoan diseases
- V. Chemical methods
 - A. Attractants
 - B. Repellents
 - C. Insecticides
 - D. Sterilants
 - E. Growth inhibitors