Controlling Invertebrate Pests in Agriculture

As a study guide by aspiring agricultural pest control advisors, this publication covers the identification and management of insect, mite, and other invertebrate pests in agriculture. It discusses advances in understanding species and landscape ecology on which IPM is founded, as well as advances in cultural, physical and biological control. It explains how pathogens and parasitoids may be used to control pests. The book is designed to help farmers control pests without harming beneficial organisms. It provides a wealth of information on the biology, behavior, and management of invertebrate pests, including how to identify and control them. It also covers aspects of sustainable agriculture and the role of biodiversity in pest control. The book is a valuable resource for farmers, Extension agents, researchers, and students in the field of pest control. It is also useful for anyone interested in the environment and natural resources. The book is divided into four parts: Identification, biology, management, and control of invertebrate pests. Part 1: Identification includes descriptions of pests, their behaviors, and the effects of pests on crops. Part 2: Biology covers the life cycles of pests, their interactions with the environment, and the role of biodiversity in pest control. Part 3: Management and control includes pest control strategies, including biological, cultural, and chemical control. Part 4: Environment and sustainability discusses the role of biodiversity in pest control and the importance of sustainable agriculture.

To order this book, please visit the website of the publisher, or contact your local agricultural extension office.