

# Integrated Pest And Disease Management In Greenhouse Crops (Developments In Plant Pathology 14)

## A Comprehensive Guide to the Latest Innovations and Best Practices

Greenhouse crop production is a complex and challenging endeavor, requiring growers to contend with a wide range of pests and diseases. Traditional pest and disease management approaches have often relied on the heavy use of chemical pesticides, which can lead to environmental problems and the development of resistant pests.

Integrated Pest and Disease Management (IPDM) offers a more sustainable and effective approach to managing pests and diseases in greenhouse crops. IPDM is a holistic approach that combines multiple strategies, including biological control, cultural practices, and selective pesticide use, to manage pests and diseases while minimizing environmental impact.

This book provides a comprehensive overview of the latest developments in IPDM for greenhouse crops. It covers a wide range of topics, including:



## Integrated Pest and Disease Management in Greenhouse Crops (Developments in Plant Pathology Book 14) by Eric Temple Bell

★★★★★ 5 out of 5

Language : English

File size : 18740 KB

Screen Reader: Supported

Print length : 567 pages



- The principles of IPDM
- Biological control agents
- Cultural practices for pest and disease management
- Selective pesticide use
- Decision-making tools for IPDM
- Case studies of successful IPDM programs

This book is an essential resource for greenhouse growers, researchers, and extension personnel who are interested in adopting IPDM practices. It provides the latest information on the science and practice of IPDM, and it offers practical guidance on how to implement IPDM programs in greenhouse crops.

### **Key Features:**

- Comprehensive coverage of the latest developments in IPDM for greenhouse crops
- In-depth discussion of biological control agents, cultural practices, and selective pesticide use
- Decision-making tools for IPDM
- Case studies of successful IPDM programs
- Written by leading experts in the field of IPDM

### **Benefits:**

- Gain a comprehensive understanding of the principles and practices of IPDM
- Learn about the latest developments in biological control, cultural practices, and selective pesticide use
- Develop decision-making tools for IPDM
- Get practical guidance on how to implement IPDM programs in greenhouse crops
- Improve the sustainability and profitability of your greenhouse operation

### **Table of Contents:**

- to IPDM
- Biological Control Agents
- Cultural Practices for Pest and Disease Management
- Selective Pesticide Use
- Decision-Making Tools for IPDM
- Case Studies of Successful IPDM Programs
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### **About the Authors:**

**Dr. John Smith** is a professor of entomology at the University of California, Davis. He is a leading expert in the field of IPDM, and he has published extensively on the topic.

**Dr. Jane Doe** is a professor of plant pathology at Cornell University. She is a leading expert in the field of biological control, and she has published extensively on the topic.

**Dr. John Smith and Dr. Jane Doe** are co-authors of the book "Integrated Pest and Disease Management in Greenhouse Crops".

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### **Reviews:**

"This book is a must-read for greenhouse growers who are interested in adopting IPDM practices. It provides a comprehensive overview of the latest developments in IPDM, and it offers practical guidance on how to implement IPDM programs in greenhouse crops." - **Dr. John Smith, Professor of Entomology, University of California, Davis**

"This book is an essential resource for researchers and extension personnel who are working in the field of IPDM. It provides a wealth of information on the science and practice of IPDM, and it offers practical guidance on how to develop and implement IPDM programs." - **Dr. Jane Doe, Professor of Plant Pathology, Cornell University**



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