New title information

Improving integrated pest management in horticulture

Edited by: Professor Rosemary Collier, Warwick University, UK

Endorsement:

"This new book is both timely and important for the continued development, improvement and uptake of IPM for horticultural crop. With increasing global pressure to produce sustainable food and to achieve pest suppression using ecologically sensitive methods, this book provides not only the latest research but also practical solutions for key vegetable pests, via relevant case studies. I recommend this book to students and practitioners of IPM in horticulture."
Emeritus Prof. Nick Birch, formerly James Hutton Institute, UK

Description:

Pests and diseases remain a significant threat to crop yields worldwide. With concerns about the environmental impact of synthetic pesticides, there remains a need to develop more environmentally-friendly biological methods of control that can be combined synergistically within integrated pest management (IPM) strategies.

Improving integrated pest management (IPM) in horticulture provides a comprehensive review of the recent developments in integrated pest management (IPM) for horticultural crops. The collection builds on the wealth of research on insect and disease control in horticulture using IPM strategies, with dedicated parts to the alternative control methods, such as biological, technological and physical, as well as examples of practical implementation of these methods.

Edited by **Professor Rosemary Collier**, Warwick University, UK, *Improving integrated pest management (IPM) in horticulture* will be a standard reference for researchers in IPM in horticultural science departments, entomologists, manufacturers/suppliers of pesticides and crop pest management products, as well as government agencies monitoring and regulating pest management in agriculture.

Key features:

- Reviews the latest research on the advances in IPM strategies for insect and disease control in horticultural crops
- Highlights the challenges of using alternative methods of control successfully in IPM programmes (e.g. biopesticides, bioprotectants, biostimulants)
- Provides examples of the practical implementation of IPM strategies to an array of horticultural crops (cucurbits, tomatoes, potatoes, cabbage, cauliflower) in differing environments (greenhouses, protected cultivation)

Audience:

Researchers in IPM in horticultural science departments, entomologists, manufacturers/suppliers of pesticides and crop pest management products, government agencies monitoring and regulating pest management in agriculture

Editor details:

Dr Rosemary Collier is a Professor in the School of Life Sciences and Research Director of the Crop Centre at the University of Warwick, UK. A leading authority in integrated pest management (IPM) in horticulture, Professor Collier is Coordinator of the IPM Working Group in the European Vegetable Research Institutes Network (EUVRIN) and has coordinated a number of EU IPM research projects such as FlyIPM. Professor Collier has been awarded the Royal Horticultural Society Veitch Memorial Medal for her outstanding contribution to horticultural science.

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