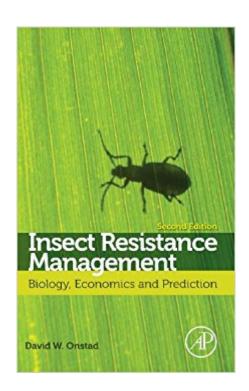
## The book was found

# Insect Resistance Management, Second Edition: Biology, Economics, And Prediction





## **Synopsis**

Neither pest management nor resistance management can occur with only an understanding of pest biology. For years, entomologists have understood, with their use of economic thresholds, that at least a minimal use of economics was necessary for proper integrated pest management. IRM is even more complicated and dependent on understanding and using socioeconomic factors. The new edition of Insect Resistance Management addresses these issues and much more. Many new ideas, facts and case studies have been developed since the previous edition of Insect Resistance Management published. With a new chapter focusing on Resistance Mechanisms Related to Plant-incorporated Toxins and heavily expanded revisions of several existing chapters, this new volume will be an invaluable resource for IRM researchers, practitioners, professors and advanced students. Authors in this edition include professors at major universities, leaders in the chemical and seed industry, evolutionary biologists and active IRM practitioners. This revision also contains more information about IRM outside North America, and a modeling chapter contains a large new section on uncertainty analysis, a subject recently emphasized by the U.S. Environmental Protection Agency. The final chapter contains a section on insecticidal seed treatments. No other book has the breadth of coverage of Insect Resistance Management, 2e. It not only covers molecular to economic issues, but also transgenic crops, seed treatments and other pest management tactics such as crop rotation. Major themes continuing from the first edition include the importance of using IRM in the integrated pest management paradigm, the need to study and account for pest behavior, and the influence of human behavior and decision making in IRM. Provides insights from the history of insect resistance management (IRM) to the latest scienceIncludes contributions from experts on ecological aspects of IRM, molecular and population genetics, economics, and IRM social issuesOffers biochemistry and molecular genetics of insecticides presented with an emphasis on recent research Encourages scientists and stakeholders to implement and coordinate strategies based on local social conditions

# **Book Information**

Hardcover: 560 pages

Publisher: Academic Press; 2 edition (December 24, 2013)

Language: English

ISBN-10: 0123969557

ISBN-13: 978-0123969552

Product Dimensions: 6 x 1.2 x 9 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,916,752 in Books (See Top 100 in Books) #59 in Books > Engineering &
Transportation > Engineering > Civil & Environmental > Environmental > Insecticides & Pesticides
#833 in Books > Science & Math > Biological Sciences > Biology > Entomology #1055 in Books
> Science & Math > Biological Sciences > Plants > Trees

### Download to continue reading...

Insect Resistance Management, Second Edition: Biology, Economics, and Prediction Biology: The Ultimate Self Teaching Guide - Introduction to the Wonderful World of Biology - 3rd Edition (Biology, Biology Guide, Biology For Beginners, Biology For Dummies, Biology Books) Homemade Repellents: 21 Natural Homemade Insect Repellents for Mosquitos, Ants, Flys and all the other Pests(Travel Insect Repellent, Organic Insect Repellent, ... Homemade Repellents, Natural Repellents) Biodiversity and Insect Pests: Key Issues for Sustainable Management Tropical Forest Insect Pests: Ecology, Impact, and Management Vegetable Insect Management: With Emphasis on the Midwest Leptin Resistance: The Leptin Reset: Discover How To Fix Your Fat Hormones And Reboot Your Fat Burning Engine Into First Gear Again (Leptin resistance, ... all grain, ketogenic diet, Atkins Diet) A Train in Winter: An Extraordinary Story of Women, Friendship, and Resistance in Occupied France (The Resistance Trilogy) Wetland Economics, 1989-1993: A Selected, Annotated Bibliography (Bibliographies and Indexes in Economics and Economic History) Insulin Resistance Diet: Top 50 Insulin Resistance Meals-Loss Fat By Increasing Insulin Sensitivity Insulin Resistance Diet: Your Step By Step Guide to Cure Diabetes & Prevent Weight Gain© Over 365+ Delicious Recipes & One Full Month Meal Plan (Insulin Resistance Cookbook, Balance Your Blood-Sugar) Stochastic Methods in Economics and Finance, Volume 17 (Advanced Textbooks in Economics) Failure of Materials in Mechanical Design: Analysis, Prediction, Prevention, 2nd Edition Adaptive Filtering Prediction and Control (Dover Books on Electrical Engineering) Earthquake Prediction (Mcgraw Hill Horizons of Science Series) Professional Roulette Prediction: Volume 1 - Basic Methods Practical I-Ching: ancient Eastern prediction science to modern life application Economics and Financial Management for Nurses and Nurse Leaders: Second Edition Exotic Pests and Diseases: Biology and Economics for Biosecurity Big Collection Of Essential Oils: Amazing DIY Recipes Of Essential Oils Blends, Soap Making And Repellents: (Diffuser Recipes and Blends, Skin So Soft Insect ... (Natural Remedies, Essential oils)

### **Dmca**