The completely revised second edition continues the objective of providing a handbook with profiles and full-color photographs of as many examples of biological control organisms from as wide a global area as possible. It is designed to help readers anticipate and recognize specific problems of pest management and then resolve them using the natural enemies of pests—parasites, predators, and pathogens.

The authors first describe the impact of predator-prey relationships on host plant species in arable, orchard, and protected environments. The main sections of the book include profiles of pests, beneficial arthropods (insects and mites), and beneficial pathogens (bacteria, fungi, viruses, and nematodes), featuring a tabular pest identification guide. Descriptions of biocontrol organisms are divided into four sections: species characteristics, lifecycle, crop/pest associations, and influences of growing practices. The text is illustrated throughout with color photographs of the highest quality.

- Includes a chapter on pest biology illustrated with photos of the pest and their damage to help the reader identify friend from foe
- Discusses many naturally occurring beneficial organisms as well as a diverse range of commercially produced organisms
- Details various approaches to biological control and the current state of play
- Contains more than 550 high-resolution color photographs and electron microscope images
- Describes practical methods for establishing and maintaining beneficial organisms
- Offers useful tips on monitoring and taking photographs with a cell/mobile phone
- Presents two new chapters: The practice and application of biological control, Biological control in perspective