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Nota di contenuto	<p>1. Insecticide Use and Application in Cameroon -- 2. Use of Insecticides in Nepal, Its Impact and Alternatives of Insecticides for Nepalese Farmers -- 3. Chemical Pesticides and Food Safety -- 4. Insecticide's Disappearance after Field Treatment and during Processing into Byproducts -- 5. An Overview of the Biochemical and Histopathological Effects of Insecticides -- 6. Review on the Impact of Insecticides Utilization in Crop Ecosystem: Their Prosperity and Threats -- 7. Role of Microbial Biopesticides as an Alternative to Insecticides in Integrated Pest Management of Cotton Pests -- 8. Biological Control of Agricultural Insect Pests -- 9. Biological Control of Tetranychidae by Considering the Effect of Insecticides -- 10. Effect of Insecticides on Natural-Enemies -- 11. Revolutionizing Integrated Pest Management Using Nanobiotechnology: A Novel Approach to Curb Overuse of Synthetic Insecticides -- 12. Integrated Management of the Cattle Tick <i>Rhipicephalus (Boophilus) microplus</i> (Acari: Ixodidae) and the Acaricide Resistance Mitigation -- 13. Effect of Biodegradable Multiple Pesticides on Aquatic Biospecies -- 14. The Effect of Neonicotinoid Insecticides on the Structure and Stability of Bio-Macromolecules -- 15. Valorization of Olive Mill Wastewater in the Control of <i>Aphis pomi</i> De Geer 1773 (Hemiptera, Aphididae) Infesting Apple Plants in Nurseries -- 16. Insecticide Resistance in Vectors of Medically Important Parasitic Infections -- 17. Determination of Pesticides Residues in Bee Products: An Overview of the Current Analytical Methods -- 18. Review of</p>

Insecticide Resistance and Its Underlying Mechanisms in *Tribolium castaneum* -- 19. Insecticide Resistance in Whiteflies *Bemisia tabaci* (Gennadius): Current Global Status -- 20. Insect Resistance to Neonicotinoids - Current Status, Mechanism and Management Strategies -- 21. Nano-Biopesticides as an Emerging Technology for Pest Management.

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Sommario/riassunto

This book deals with all aspects of chemical pest control, such as the different groups of insecticides and their modes of action, problems caused by insecticides to the environment, the resistance of pests to insecticides, and problems and legislation of different countries regarding the application of these products. It also addresses aspects of the problems caused by insecticides in fresh and marine water, as well as presents research methodologies and protocols.

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