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Nota di contenuto	Chapter 1. Molecular identification of insect pests of horticultural crops -- Chapter 2. Principles and application of nanotechnology in pest management -- Chapter 3. Climate change on insects and their management strategies in Horticultural and Agricultural ecosystems -- Chapter 4. Ecological engineering in pest management in horticultural and agricultural crops -- Chapter 5. Principles and application of remote sensing in crop pest management -- Chapter 6. Biotechnological applications in Horticultural entomology -- Chapter 7. Organic Pest Management in Horticultural Crops -- Chapter 8. Trends in the biological control of horticultural crop pests in India -- Chapter 9. Semiochemicals and their potential use in Horticultural crop pest management -- Chapter 10. Role of botanicals in pest management in horticultural crops. .

## Sommario/riassunto

This edited book highlights the latest information on the use of nanotechnology, satellite technology, and biotechnological tools in pest management. It covers the role of climate change and ecology in managing pests and also their molecular identification. Other methods that the book encompasses are organic pest management, host-plant resistance, semiochemicals, and bio-control technology. The book also covers insect pollinators which play important role for fruits in horticultural crop production. Intensive and extensive cultivation of horticultural crops lead to serious pest problem. Climatic conditions in India and elsewhere due to which new pests have emerged that causes severe damage to the horticultural crops. In response to this, researchers have developed new techniques to fight pests and their growing resistance to pesticides. This book covers the latest information on identity, biology, damage, seasonal development, and pest management of the horticultural crop pests. It serves to be an essential tool for horticultural professionals, including development officers, horticulturists, field-level extension workers, nurserymen, planters, and entomologists, and is a valuable source of reference for relevant researchers, teachers, and students in the region.

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