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Titolo	Integrated Pest and Disease Management in Greenhouse Crops // edited by Maria Lodovica Gullino, Ramon Albajes, Philippe C. Nicot
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Descrizione fisica	1 online resource (IX, 691 p. 56 illus., 44 illus. in color.)
Collana	Plant Pathology in the 21st Century, , 2512-160X ; ; 9
Disciplina	635.0499
Soggetti	Plant diseases Entomology Agriculture Plant Pathology Control de plagues Hivernacles Agricultura Llibres electrònics
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction . M.L. Gullino, R. Albajes, P. Nicot, J.C. van Lenteren -- Chapter1. Viral diseases. E. Moriones, E. Verdin -- Chapter2. Bacterial diseases. V. Catara, P. Bella -- Chapter3. Fungal diseases. M. Bardin, M. L. Gullino -- Chapter4. Insect and mite pests. M. Knapp, E. Palevsky, C. Rapisarda -- Chapter 5. Nematodes. F.X. Sorribas, C. Djian-Caporalino, T. Mateille -- Chapter6. Integrated Pest Management methods and considerations concerning implementation in greenhouses. J. Van Lenteren, P. Nicot -- Chapter7. 1. Epidemiology and population dynamics: modelisation, monitoring and management. G. Marchand, P. C. Nicot, R. Albajes, O. Carisse -- Chapter8. Diagnostics and identification of diseases, insects and mites. D. Spadaro, N. Agustí, S. F. Ortega, M.A. Hurtado Ruiz -- Chapter9. Host plant resistance to pests and pathogens, the genetic leverage in integrated pest and disease management. V. Lefebvre, N. Boissot, J-L. Gallois -- Chapter10. Cultural methods for greenhouse pest and disease management. M.

Kruidhof, W.H. Elmer -- Chapter11Seed and Propagative material. G. Munkvold, M.L. Gullino -- Chapter12. Soil and substrate health. A. Gamliel -- Chapter13. Biocontrol agents against diseases. M. Bardin, M. Pugliese -- Chapter14. Biological control agents for control of pests in greenhouses. J. Van Lenteren, Ö. Alomar, W. Ravensberg, A. Urbaneja -- Chapter15. Chemical and natural pesticides in IPM: side-effects and application. M.L. Gullino, L. Tavella -- Chapter16. Implementation of IPDM in greenhouses: from research to the consumer. J. Riudavets, E. Moerman, E. Villa -- Chapter17. Tomatoes. C. Castañé, J. Van der Bloom, P.C. Nicot -- Chapter18. Sweet peppers. G. Messelink, R. Labbe, G. Marchand, L. Tavella -- Chapter19. Cucurbits. G. Messelink, F.J. Calvo, F. Marín, D.Janssen -- Chapter20. IPM for protecting leafy vegetables under greenhouses. B. Gard, G. Gilardi -- Chapter21. Implementation of IPDM in strawberries and other berries. S.K. Dara -- Chapter22. Ornamentals. M. Daughthrey, R. Buitenhuis -- Chapter23. Implementation of IPDM in greenhouses: customer value as guideline. J. S. Buurma and N.J.A. van der Velden -- Conclusion.

Sommario/riassunto

This book represents a new, completely updated, version of a book edited by two of the current editors, published with Springer in 1999. It covers pest and disease management of greenhouse crops, providing readers the basic strategies and tactics of integrated control together with its implementation in practice, with case studies with selected crops. The diversity of editors and authors provides readers a complete picture of the world situation of IPM in greenhouse crops. .
