Record Nr. UNINA9910583025803321 **Titolo** Sustainable management of arthropod pests of tomato / / edited by Waqas Wakil, Gerald E. Brust, Thomas M. Perring Pubbl/distr/stampa London, England:,: Academic Press,, 2018 ©2018 **ISBN** 0-12-813508-5 0-12-802441-0 1 online resource (355 pages): illustrations (some color) Descrizione fisica Disciplina 635.64293 Soggetti Tomatoes - Diseases and pests Arthropoda - Control Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Nota di contenuto Section I: Introduction 1. Tomato and Management Associated Arthropod Pests -- Past, Present and Future Section II: Global Pests of Tomato 2. Aphids: Biology, ecology and management 3. Thrips: Biology, ecology, and management 4. Whiteflies: Biology, ecology and management 5. Mites: Biology, ecology, and management 6. Lepidopterous pests: Biology, ecology, and management 7. Psyllids: Biology, ecology, and management 8. Minor pests Section III: Integrated Pest Management of Tomato Pests 9. Host plant resistance in tomato 10. Engineering insect resistance in tomato by transgenic approaches 11. Biological control in tomato production systems: theory and practice 12. Entomopathogenic nematodes in biological control agents of tomato pests 13. Applications and trends in commercial biological control for arthropod pests of tomato 14. Protection of tomatoes using bagging technology and its role in IPM of arthropod pests 15. Integrated pest management strategies for tomato under protected structures 16. Integrated pest management strategies for field-grown tomatoes 17. Agricultural pesticide registration in the United States