

1. Record Nr.	UNINA9910450726103321
Titolo	Biotic interactions in plant-pathogen associations [[electronic resource] /] / edited for the British Society for Plant Pathology by M.J. Jeger and N. J. Spence
Pubbl/distr/stampa	New York, NY, : CABI Pub., c2001
ISBN	1-280-90825-4 9786610908257 1-84593-319-2
Descrizione fisica	1 online resource (365 p.)
Altri autori (Persone)	JegerMichael J SpenceN. J (Nicola J.)
Disciplina	632/.3
Soggetti	Plant-pathogen relationships Biotic communities Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Biotic Interactions in Plant-Pathogen Associations; Contents; Contributors; Preface; 1. Biotic Interactions and Plant-Pathogen Associations; 2. Virus-Vector Interactions in Plant Virus DiseaseTransmission and Epidemiology; 3. Functional Consequences and Maintenance of Vegetative Incompatibility in Fungal Populations; 4. Fungal Endophytes and Nematodes of Agricultural and Amenity Grasses; 5. Feeding on Plant-pathogenic Fungi by Invertebrates: Comparison with Saprotrophic and Mycorrhizal Systems; 6. Plant Interactions with Endophytic Bacteria 7. Are Chitinolytic Rhizosphere Bacteria Really Beneficial to Plants?8. Diversity and Interactions Among Strains of Fusarium oxysporum: Application to Biological Control; 9. The Use of Avirulent Mutants of Ralstonia solanacearum to Control Bacterial Wilt Disease; 10. Cross-protection: Interactions Between Strains Exploited to Control Plant Virus Diseases; 11. Plant Pathogen-Herbivore Interactions and Their Effects on Weeds; 12. The Role of Hyperparasites in Host Plant-Parasitic Fungi Relationships; 13. Mutualism and Antagonism: Ecological Interactions

Among Bark Beetles, Mites and Fungi

14. The Implications for Plant Health of Nematode-Fungal Interactions in the Root Zone
15. Interactions of Plants, Soil Pathogens and Their Antagonists in Natural Ecosystems;
16. Development of Methods and Models and Their Application to Disease Problems in the Perennial Citrus Crop System;
17. Observation and Theory of Whitefly-borne Virus Disease Epidemics;
Index

Sommario/riassunto

Based on a similarly named meeting in December 1999 organized by the British Society for Plant Pathology, this book considers the biology of interactions between host plants and the pathogens that infect them.