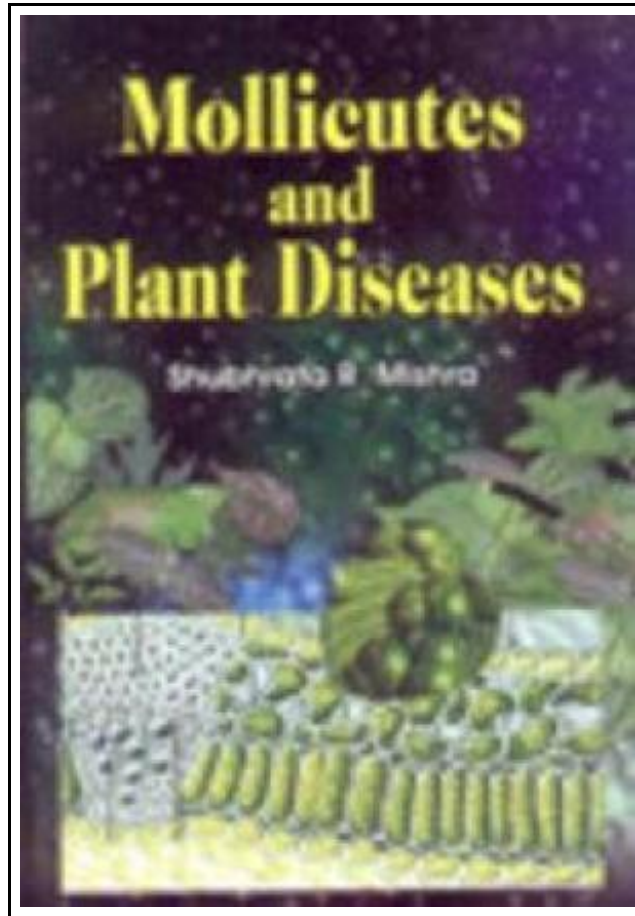# Mollicutes and Plant Diseases

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Reviews

A fresh e book with an all new viewpoint. It is really simplistic but unexpected situations in the 50 % from the book. Once you begin to read the book, it is extremely difficult to leave it before concluding. (Dawn Hane)

MOLLICUTES AND PLANT DISEASES

Discovery Publishing House Pvt. Ltd., 2004. Hardcover. Book Condition: New. The book provides thorough information about Mollicutes and their Plant diseases. It covers up-to-date information on Mollicutes such as Mycoplasma, Spiroplasma, Phytoplasma with their introduction, evolution genomic, and phylogeny. List of names of different genera like Mycoplasma, Ureaplasma, Entomoplasma, Mesoplasma, Spiroplasma, Acholeplasma, Anaeroplasma, Asteroleplasma as well as Candidatus within the genus Mycoplasma and genus Phytoplasma are also given. Detailed information such as general characteristics, structure, important genera, metabolism, cell reproduction cycle, pathogenesis, mechanisms of pathogenicity, different diseases, host defenses, epidemiology, ecology, laboratory diagnosis; control and detecting methods of mollicutes are also given in this book. The book illustrates the information explicit through 39 figures. At the end of the book several references are given for further study. Contents, I. INTRODUCTION : 1. Evolution and Phylogeny of Mollicutes 2. Genomics 3. Noncultivable Mollicutes 4. Plant Pathogenic Mollicutes 5. International Organization for Mycoplasmology (IOM) II. CLASSIFICATION OF MOLLICUTES : 1. Taxonomy of Mollicute 2. Taxa Covered by the ICSP Subcommittee on the Taxonomy of Mollicutes - June 2003 3. Candidatus within the Class Mollicutes 4. The NCBI Taxonomy for Nomenclature or Classification of Mollecutes 5. Class-Mollicutes III. MYCOPLASMA : 1. General Characteristics 2. Structure 3. Metabolism 4. Pathogenesis 5. Mechanisms of Pathogenicity 6. Diseases 7. Nongonococcal Urethritis and Salpingitis 8. AIDS 9. Malignant Transformation 10. Gulf War Syndrome 11. Crohn`s Disease 12. Rheumatoid Arthritis and other Human Arthritides 13. Minocycline in Rheumatoid Arthritis 14. Host Defenses 15. Epidemiology 16. Ecology 17. Laboratory Diagnosis 18. Importance of Measuring IgG and IgM Antibodies against Mycoplasma Fermentans 19. Control and Prevention 20. Treatment 21. Mycoplasmas - Stealth Pathogens 22. Method for Detecting Mycoplasmas IV. PHYTOPLASMA : 1. General Characteristics 2. Biological Properties 3. Molecular Properties 4. Serological Properties 5. Structure 6. Structural Genomics 7. Functional...

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