



Mollicutes and Plant Diseases

By Shubhrata R. Mishra

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 Mollicutes 5. Class-Mollicutes III. MYCOPLASMA : 1. General Characteristics...

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