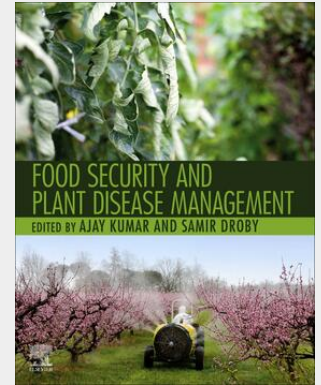


Food Security and Plant Disease Management

Food Security and Plant Disease Management offers a comprehensive exploration of biocontrol, the latest technologies being used in plant health assurance, and resulting impacts on crop production and food security. Discussing both theoretical and practical topics, the book examines basic and advanced applications of biosensor and nano-technologies, introduces plant disease, including modes of action and their transmission in host plants, then covers factors contributing to plant disease and various means of addressing those diseases. This volume is part of the Microorganisms in Agriculture and the Environment series and provides important information for developing new effective plant protection practices. The direct or indirect applications of beneficial microbes in the treatment of plant disease is termed "microbial control" and these methods have increasingly been identified as important options for plant health management. The beneficial microbes as well as recent omic and nano-technologies also reveal important mechanisms that can be utilized in disease management strategies.



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