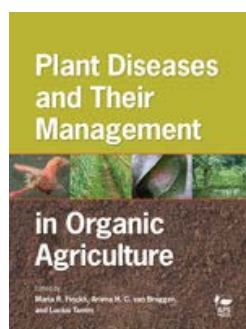



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Edited by Maria R. Finckh, Ariena H. C. van Bruggen, and Lucius Tamm


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The First Book to Fully Address the Systems Approach to Disease Management of Organic Crops

Managing diseases in organic cropping systems is a major challenge to growers in every country who must meet rigorous restrictions. And depending on the crop and climatic region, organic production methods can vary greatly.

Plant Diseases and Their Management in Organic Agriculture is the first comprehensive book that fully addresses the systems approach to organic plant disease management and is a must for any researcher, student, or practitioner involved in organics research, organics production, or regulation. And it is truly an international collaboration with contributing scientists from North America, the West Indies, Europe, and Africa.

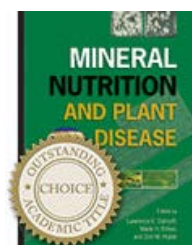
The editors have assembled an expert team of authors who:

- Define many terms of the organic arena, as well as trends, regulations, and the many practices in organic agriculture throughout the world.
- Offer an overview of organic production methods, principles, and the various farming systems that affect microbial habitat conditions and, in turn, pathogen fitness and plant resistance. Systems and methods cover rotations, irrigation, resistance breeding, diversification strategies, and more.
- Explain the role of diseases in organic systems and how they are affected by the system itself, particularly in terms of bacterial and fungal pathogens (air- and soilborne), nematodes and viruses.
- Cover the general approaches and methods used for plant disease management in organic agriculture, including rotations, irrigation, resistance breeding, diversification strategies, seed health, direct control of airborne and soil borne pathogens, and chain management.
- Present nine case studies to illustrate the many management methods available in real-world agricultural settings. These case studies feature cropping systems for potatoes, small grains cereals, rice, leguminous crops, vegetables, apples, grapes, bananas and coffee.

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Plant Diseases and Their Management in Organic Agriculture is written by researchers and

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