



Biotic Lines of Defence for Plant Disease Suppression in Soils

Guest Editor:

Dr. Tony Pattison

Department of Agriculture and
Fisheries, Queensland
Government, South Johnstone,
QLD 4860, Australia

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Message from the Guest Editor

The diversity of soil organisms drives many processes that contribute to healthy, functioning soils. However, soil-borne diseases, caused by bacteria, fungi, oomycetes, viruses, and nematodes, are major factors limiting production and are often difficult to manage. This Special Issue aims to capture advances in soil-borne disease management through specific and general suppression, and through the interactions of plants and microorganisms with soil-borne pathogens. There have been advances in the knowledge of metabolites produced by specific soil organisms to reduce the invasion of plants by pathogens. Furthermore, progress has been made at a sub-cellular level, with an increase in the knowledge that soil organisms have in preparing plant defenses. There is also a growing awareness that soil management practices influence soil organisms and the microbiome, which affect the suppressiveness of soil-borne pathogens and the general health of the soil.





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Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
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Research, Charles Sturt
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2678, Australia

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Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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