



Microbial-Based Solutions for Pest Management

Guest Editor:

Dr. Luca Ruiu

Dipartimento di Agraria, Sezione
di Patologia Vegetale ed
Entomologia, Università degli
Studi di Sassari, Via Enrico de
Nicola, 07100 Sassari, SS, Italy

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Message from the Guest Editor

Dear Colleagues,

Historically, several approaches have been successfully followed to protect crops, but not without having deleterious side effects on the environment, posing health risks to operators, contaminating food and water, and causing undesirable consequences on non-target organisms (such as natural predators, parasites, and pollinators). This is particularly the case of various plant protection products (PPPs) based on synthetic chemicals.

In the search for sustainable alternatives, recent technological advancements and the discovery of new active substances with less environmental impact have characterized current research trends, and bio-based solutions for pest management have been developed. These include a variety of plant and microbial-derived bioactive substances.

This Special Issue aims to collect original scientific work on the development and application of promising bio-solutions for the management of crop pests with a specific focus on microbial entomopathogens (bacteria, viruses, fungi, and nematodes) and their derived products.





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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
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2678, Australia

Message from the Editor-in-Chief

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Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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