

Special Issue

Microbial Inoculants for Biofertilizers and Biopesticides

Message from the Guest Editor

Microbial biopesticides show many advantages beyond their eco-friendly nature. They target one specific pest, are usually unharmed to other species, and their properties can be optimized using a proper formulation strategy. Microbial biocontrol agents have been introduced. Together with digital technologies, such as sensory tools and weather stations, cultural methods and improved formulations and delivery equipment efficacy can be maximized with a minimal input of materials and cost.

On the other hand, microbial inoculants, including nitrogen fixing rhizobacteria or phosphate solubilizing/mobilizing microbes, can positively improve plant nutrient uptake, and protect the plant from environmental stresses and pathogens.

The aim of this Issue is to show the potential of microbial fertilizers and biocontrol agents using bacteria or fungi for plant growth promotion, disease treatment, or pest control. Manuscripts dealing with the field evaluation of effective microbial strains, formulation development, delivery methods, integrated pest management, and various applications in the area of biofertilizers and biopesticides will be considered.

Guest Editor

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Deadline for manuscript submissions

closed (20 July 2021)



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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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