

Special Issue

Biopesticides: The Naturally Originating Plant Protection Products and Biocides

Message from the Guest Editor

In recent years, the number of synthetic pesticides has been drastically restricted in the EU because of their environmental side effects and subsequent non-inclusion in Annex I of 91/414/EEC. Thus, there is an urgent need to develop new, effective, and safe pesticides. According to the United States Environmental Protection Agency (EPA), the term “biopesticides” describes pesticides derived from natural materials as animals, plants, bacteria, and certain minerals. Biopesticides tend to pose fewer risks than conventional pesticides, and recent advantages in food safety generally associate them with Biological Control and IPM.

This Special Issue welcomes articles that focus on pesticides of natural origin, efficacy issues, chemical composition and bioactivity, standardization of extraction, mechanisms of activity, phytotoxicity issues, secondary effects on non-target organisms, synergic interactions between active ingredients, synergic interactions with synthetic commercial formulates, inhibition of the cytochrome P450 detoxification agents and resistance management, fate in the environment, and formulation and authorization issues.

Guest Editor

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Deadline for manuscript submissions

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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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