

## Special Issue

# Non-chemical Plant Protection – Plants as a Source of Protective Factors

### Message from the Guest Editor

Plants can be a source of many substances with a protective effect against plant pests and diseases. The protective effect of plants may also extend through accompanying plants grown together with the main crop. Introducing plants along with principal crops is an effective way to increase the biological diversity of beneficial insects and improve the stability of ecological equilibrium in agrocenosis. The continuous search for new substances with the above-mentioned effects, as well as the development of new protection strategies becomes all the more important in the context of the emphasis placed on the sustainable use of plant protection products and the promotion of integrated pest management. This Special Issue aims to collect papers focusing on recent scientific progress and innovation in using plant-derived pesticides (including their effectiveness, influence on non-target organisms, chemical characteristics, and mechanisms of action). Papers on the use of accompanying plants, both single species and mixtures, in the protection of crops against pests and diseases are welcome, as well as those assessing their role in increasing the biodiversity of beneficial fauna.

### Guest Editor

Prof. Dr. Janina Gospodarek

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### Deadline for manuscript submissions

closed (15 July 2024)



## Agriculture

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## About the Journal

### 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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### Editor-in-Chief

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