



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

Guest Editor:

Prof. Dr. Janina Gospodarek

Department of Microbiology and
Biomonitoring, University of
Agriculture, al. A. Mickiewicza 21,
31-120 Krakow, Poland

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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.





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Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
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Message from the Editor-in-Chief

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Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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