



Foliar Fertilization for Sustainable Crop Production

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Deadline for manuscript
submissions:

25 November 2024

Message from the Guest Editors

Sustainable Crop Production is a necessity. Environmental concerns make it necessary to reduce the intensity of mineral fertilization (mainly with nitrogen) and the use of the most dangerous pesticides. Progressive climate change adversely affects crop yields. As the climate warms, the threat of drought, high temperatures, disease infestation and pest damage increases.

This threatens to reduce food production, deteriorate food quality and collapse the profitability of agricultural production. It is therefore essential to look for innovative yet environmentally safe and profitable production technologies for the agricultural producer. One of these is the foliar application of various elements and compounds to plants. Despite a large amount of research, many problems are still unsolved.

This Special Issue focuses on various aspects of the foliar application of beneficial elements (silicon, vanadium, selenium, etc.) as well as biostimulants on plant growth and development, physiological traits, disease infestation and pest feeding, yield quantity and quality, and the storage stability of agricultural raw materials.





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Australia

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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