



Foliar Fertilization for Sustainable Crop Production

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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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Message from the Editor-in-Chief

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