Special Issue

Interactions Between Horticultural Crops and Organic/Inorganic Biostimulants in Semiarid Agroecosystems

Message from the Guest Editors

The production of horticultural crops in semiarid regions is often constrained by poor soil fertility, low levels of organic matter, and water scarcity. Globally, both organic biostimulants and inorganic biostimulants are increasingly being used to enhance plant growth and plants' ability to tolerate biotic and abiotic conditions. However, knowledge about their comparative efficacy and potential synergistic or antagonistic interactions when used in semiarid soils remains limited. A better understanding of these interactions is essential for the sustainable cultivation of crops in challenging environments. The aim of this Special Issue is to assess the effects of organic and inorganic biostimulants on the growth, yield, and physiological performance of selected horticultural crops in semiarid soils

- Evaluating the individual and combined effects of organic and inorganic biostimulants on plant growth parameters.
- Analysing the impact of biostimulants on crop yield and quality.
- Assessing the physicochemical changes in soil following biostimulant application.
- Investigating the ecophysiological responses of plants to biostimulant treatments.

Guest Editors

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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