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The Effect of Biostimulants on Horticultural Crops

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Deadline for manuscript submissions:
closed (10 September 2023)

Message from the Guest Editors

Dear Colleagues,

One of the main challenges for global agriculture will be to fulfill increasing food demand for a growing population, estimated to be more than 9 billion people by 2050, showing the urgent need to elevate sustainable agricultural production over the coming decades. To achieve the above, it is necessary to use eco-friendly alternatives. Agricultural biostimulants include substances and microorganisms (microbial bioinoculants, humic acids, fulvic acids, protein hydrolysates, and amino acids, and seaweed extracts) that could enhance horticultural crops production by plant growth stimulation, increased nutrient uptake, and biotic and abiotic stress tolerance.

The purpose of this Special Issue of *Horticulturae*, titled "Effect of Biostimulants on Horticultural Crops", is to show the beneficial effects of new biostimulants that could also contribute to the development of sustainable horticulture. Manuscripts that show advances in the molecular mechanisms used by bioinoculants to stimulate plant growth, nutrient uptake, and stress tolerance response are welcome.

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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.

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