

Special Issue

The Effect of Biostimulants on Horticultural Crops

Message from the Guest Editors

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.

Guest Editors

Dr. Pedro Loeza-Lara

Prof. Dr. Gustavo Santoyo

Dr. Rafael Jiménez-Mejía

Deadline for manuscript submissions

closed (10 September 2023)



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



mdpi.com/si/136567

Horticulturae
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
horticulturae@mdpi.com

[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)





Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)



About the Journal

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

Prof. Dr. Luigi De Bellis
Department of Biological and Environmental Sciences and
Technologies (DiSTeBA), Salento University, Lecce, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Horticulture) / CiteScore - Q1 (Horticulture)