

Special Issue

Horticultural Crops Water and Fertilizer Management

Message from the Guest Editors

Horticultural plant production is input intensive with frequent irrigation and fertilization common to maximize plant growth and to reduce production time.

Improvements in water and fertilization management are important for reducing production inputs, increasing efficiency, and mitigating the environmental impacts of production. New production practices, materials, and technologies provide opportunities for growers to optimize production while saving costs and the environment with sustainability. The purpose of this Special Issue titled “Horticultural Crop Water and Fertilizer Management” is to present best management practices and innovations in improving water and fertilizer management in horticultural plant production.

This includes, but is not limited to, irrigation technology such as sensors, controlled-release fertilizers, fertigation, additives, and other innovations that improve the efficiency and sustainability of production.

Guest Editors

Dr. Amanda Bayer

Dr. Stephanie Burnett

Prof. Dr. Jongyun Kim

Deadline for manuscript submissions

closed (25 July 2022)



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



mdpi.com/si/102493

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)