

# Special Issue

## Fertilizer Usage and Nutrient Management in Horticultural Crops

### Message from the Guest Editors

Fertilization is one of the most important factors determining the success of horticulture production. We are constantly looking for methods and techniques to improve plant nutrient utilization efficiency, control nutrient release and reduce the fertilizers' environmental impact. Researchers pay special attention to increasing the efficiency of the use of nitrogen and other elements in the fertilization process and the problem with micronutrients. On the other hand, reducing the unfavorable ones. Fertilization is used to increase the resistance of plants to diseases and stress factors such as drought, salinity or low temperature. The elements classified as beneficial elements, which include silicon, titanium, vanadium and others, are gaining more and more attention. Their use requires in-depth research. Plants are subjected to biofortification with elements important for human and animal nutrition, such as selenium or iodine. This Special Issue focuses on the practical and theoretical aspects of fertilization and nutrition of horticultural plants, with particular emphasis on micronutrients and beneficial elements and their impact on the crop quality and environment.

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### Guest Editors

Dr. Piotr Chohura

Dr. Marta Czaplicka

Dr. Ewelina Gudarowska

Prof. Dr. Daniel Drost

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### Deadline for manuscript submissions

closed (5 August 2024)



# Horticulturae

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## 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.

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### Editor-in-Chief

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

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