

Special Issue

Nutrient Use Efficiency under Optimal and Stressful Conditions of Horticulture Plants

Message from the Guest Editors

Plant growth and development are regulated by the environmental conditions and availability of mineral nutrients. The uptake of mineral elements is regulated from soil properties and rhizosphere conditions. Abiotic stresses such as drought, salinity, high or low temperature, and high or low light conditions affect the assimilation pathway of nutrients in plants. Eco-physiological studies can provide useful information on plant behaviour and adaptability on nutrient use efficiency. Nutrient uptake and assimilation can be improved by specific treatments with enriched bioactive compounds such as biostimulants. The efficacy of these products is particular evident in plant growth under sub-optimal conditions. Appropriate methodologies used for mineral nutrition studies such as hydroponic systems and nutrient solution managements for improving plant growth are also welcome.

Guest Editors

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Deadline for manuscript submissions

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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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