



Nutrient Use Efficiency under Optimal and Stressful Conditions of Horticulture Plants

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Deadline for manuscript
submissions:

closed (25 February 2022)

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.





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Message from the Editor-in-Chief

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