

Special Issue

Improvement of Resistance Strategies for Horticultural Plant Cultivation

Message from the Guest Editor

Horticultural plant cultivation is a cornerstone of agricultural production, vital for ensuring a stable supply of fresh produce and enhancing farmers' incomes.

However, conventional cultivation practices often involve the excessive use of pesticides and fertilizers, along with inefficient management approaches, leading to emerging challenges such as soil-borne diseases, secondary salinization, autotoxicity, and other obstacles associated with continuous cropping. These issues increasingly threaten the sustainability of horticultural plant production systems. It is, therefore, essential to develop innovative, green, and efficient strategies that enhance stress resistance in horticultural plants. Topics of interest include, but are not limited to, the following:

- Investigating the mechanisms underlying root-rhizosphere interactions and their role in improving stress resilience;
- Applying plant growth regulators, grafting techniques, and other methods to enhance crop resistance, yield, and nutrient uptake.

We invite you to contribute original research and insights. Your submissions will help us to share valuable knowledge with both the academic community and the wider industry.

Guest Editor

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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.

Editor-in-Chief

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