

Special Issue

Advanced Diagnosis and Control Strategies of Plant Pests and Diseases in Horticulture

Message from the Guest Editors

Plant pests and diseases can cause relevant economic losses in horticultural and fruit tree crops worldwide. Phytophagous animals feed directly from crops and, as a form of indirect damage, can act as vectors of plant pathogens. Plant pathogens and abiotic factors produce major diseases in crops. All of them (pests and diseases) affect normal plant development, and they can even devastate entire crops. In addition, the early detection and proper identification of pests and diseases are essential for applying the correct and effective control strategies to reduce the incidence of these crop-limiting factors. One of the challenges for humans is to increase food production for the growing population with the same current resources; therefore, new control tools are required to avoid the problems and crop losses caused by biotic and abiotic factors. In this Special Issue, we welcome original research articles and reviews addressing current research advances in the diagnosis of and control strategies for pests and diseases in horticultural and fruit tree crops, providing new insights to farmers in this field.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2023)



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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

Prof. Dr. Luigi De Bellis

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