

Special Issue

Pest and Disease Management in Horticultural Crops: Challenges, Strategies, and Solutions

Message from the Guest Editors

Numerous crops represent relevant sources of food, feed, and raw substances for manufacturing (food, pharmaceutical, nutraceutical, cosmeceutical, green building, chemical industries, etc.). Yield and quality of several fruits and horticultural crops are threatened by a huge number of pathogens (viruses, phytoplasma, bacteria, and fungi) and pests (insects, mites, and nematodes) along the whole production chain from the field to the sale. Yield losses and quality reductions directly match economic losses and increased waste, thereby enhancing the environmental footprint. These issues are strengthened by reduced biodiversity, hydrothermal balance, and selection of resistant strains. Mitigation of disease severity and/or incidence, such as pest outbreaks and invasions, may represent a key strategy in their management, above all by applying integrated disease and pest control. Furthermore, according to the One Health approach, European rules encourage the development of eco-friendly innovative substances, tools, and management protocols that reduce disease and pest spread and impact.

Guest Editors

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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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