Special Issue

Effect of Rootstock on Fruit Production and Quality

Message from the Guest Editors

The rootstock plays a critical role in modulating various physiological and agronomic traits of fruit trees, including vegetative growth, fruit yield and quality, canopy vigor and architecture, and resistance or tolerance to biotic and abiotic stress factors, enhancing resistance to pests and diseases. Rootstocks can directly affect nutrient uptake and water regulation, which influence the vigor, size, and health of the tree, as well as its fruit-bearing potential. Understanding the mechanisms of scion–rootstock interactions is essential for improving agricultural practices and ensuring sustainable fruit production. This Special Issue aims to explore the rootstock–scion interaction and its impact on the agronomic performance of the scion, with an emphasis on plant growth, fruit yield and quality, adaptability under field conditions, pest and disease resistance, and postharvest longevity. We invite researchers to submit original studies and comprehensive reviews that address these key aspects of scion–rootstock interactions, encompassing both physiological and agronomic perspectives.

Guest Editors

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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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