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Variety and Rootstock to Improve Productivity and Market Opportunities for Fruit Crops

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Message from the Guest Editors

Grafting or budding is a horticultural technique that joins the rootstock to scion wood (variety) in order to produce a single plant or tree. In the budding process, bud is taken from one plant to grow on another plant. Conversely, in grafting, the graft wood consist of 2 or more than 2 buds. Since grafting and budding are asexual or vegetative methods of propagation, the new plant that grows from the scion or bud will be exactly like the plant it came from. The method of budding or grafting gives the plant or a tree a certain characteristic of the rootstock such as disease resistance, drought tolerance, hardiness, salinity tolerance, and scion and rootstock compatibility and uniformity. Rootstock also influences yield, quality, fruit size, and maturity.

Therefore, this Issue will focus on the use of different budding/grafting techniques of rootstock and scion to produce high-quality nursery plants/trees to optimize fruit yield, quality and fruit size, and also to alleviate the issues of diseases, hardiness and salinity.

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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.

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