



Advances in Viticulture Production

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Message from the Guest Editor

In arboriculture, the vine is one of the most cultivated plants. The total surface planted globally is estimated at 7.5×10^6 ha, and around 7.5×10^6 metric tons of grapes are produced annually (according to the OIV). Grapes are used as fresh (36%), raisins (7%), or for the production of wine (57%). Grape usage varies considerably from region to region, and from country to country.

The proposed Special Issue on “Advances in Viticulture production” aims to present advanced studies, methods, tools, and cutting-edge innovations applied in the field of grape production. Potential topics include, but are not limited to: new techniques to manage production factors; methods for the early estimation of yield and productivity; stress management and reduction of water consumption; integrated and organic management of pests, diseases, and weeds; IOT and DSS systems; precision viticulture for sustainable vineyard management; and automation and autonomous driving in viticulture mechanization.





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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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