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Advanced Greenhouse Horticulture: New Technologies and Cultivation Practices

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Message from the Guest Editor

Greenhouse horticulture production is among the most intensive agricultural systems, requiring high inputs from growers. However, production practices have been changing due to the use of new technologies, increasing sensitivity to environmental issues, and consumer concerns about product quality, nutritional value, and safety, as well as adaptation to negative impacts of climate change.

The purpose of this Special Issue is to present innovative studies, tools, approaches, and techniques that have been successful in addressing some of these concerns, such as use of shadow nets, new substrates, floating systems, closed soiless growing systems, LED lighting, microenvironment modification, energy-saving technologies, soil and media health and properties, role of propagation material, and any other innovation that has improved the efficiency and sustainability of greenhouse horticultural crops, for the production of high quality commodities.



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Special Issue



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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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