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Use of Covering Methods in Fruit Cultivation and Precision Orchard Management

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Message from the Guest Editors

Protected orchards under covers help to reduce losses in fruit yield and quality due to abiotic and biotic factors. These systems include different designs (roofs, high tunnels, greenhouses) and materials (plastics, nets, woven). In recent years, photo-selective covers have been developed to optimize the physiology, yield and fruit quality, while the incorporation of covering with photovoltaic panels is currently in development for more energy-efficient orchard systems.

Precision orchard management includes smart tools, to optimize horticultural practices, improving the efficiency in the use of resources and mitigating environmental impacts. It also includes the use of modelling and engineering tools to predict harvests and adverse meteorological events and to create more efficient orchard designs.

For this Special Issue, we welcome the submission of articles on the physiological, environmental, horticultural, and technological advances in fruit cultivation under covering systems and precision orchard management of deciduous and evergreen fruit trees.

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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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