

Special Issue

Use of Plant Bioregulators to Manage Growth, Yield and Quality in Perennial Tree Crops

Message from the Guest Editor

Plant bioregulators (PBRs) are endogenous or synthetically produced substances that affect the expression of biochemical or physiological functions in plant tissues. The application of PBRs has become common practice in perennial fruit tree production in order to promote, inhibit or otherwise affect a range of physiological responses within the tree. The action and efficacy of a PBR is dependent on a range of factors, including product concentration, time of application, species and cultivar. Environmental conditions can also influence the physiological response of the plant to a PBR. With increasing labour costs impacting production costs, application of PBRs can be more cost effective than labour intensive cultural methods. This Special Issue focuses on the role of PBRs in management of vegetative growth, crop yield and fruit quality in perennial tree crops. You are invited to submit original research and review articles that further our knowledge of the impact of PBRs on physiological or biochemical processes within perennial fruiting trees and/or provide insights into new and novel uses of PBRs for the management of tree crops.

Guest Editor

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closed (20 September 2021)



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Message from the Editor-in-Chief

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