



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

Guest Editor:

Dr. Sally Bound

Tasmanian Institute of
Agriculture, University of
Tasmania, Private Bag 98,
Hobart, TAS 7001, Australia

Deadline for manuscript
submissions:

closed (20 September 2021)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

Contact Us

Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agriculture
agriculture@mdpi.com
[X@AgricultureMdpi](https://twitter.com/AgricultureMdpi)