

Special Issue

Advanced Cultivation Technologies for Horticultural Crops Production

Message from the Guest Editors

Advanced cultivation research and technologies are essential for developing climate-smart, resource-efficient, and high-yielding horticultural systems. By adopting modern cultivation technologies, growers can improve productivity, reduce production costs, and ensure food security while maintaining ecological balance. The aim of this Special Issue is to contribute to current scientific knowledge on advanced cultivation technologies for horticultural and fruit crop production. We encourage the submission of manuscripts focused on smart farming systems for fruit crop growing, cultivation techniques for horticultural and fruit crops, mechanization studies for crop production, eco-friendly cultivation and production of fruit crops, the impact of controlled environmental conditions on the development of fruit crops, pre- and post-harvest management strategies to improve the quality of crops, and research on plant metabolites, bioactive compounds, and antioxidant metabolism in fruit crop production.

Guest Editors

Dr. Nay Myo Win

Prof. Dr. Inkyu Kang

Dr. Jingi Yoo

Deadline for manuscript submissions

25 August 2025



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/231445

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)



About the Journal

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.

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

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)