

Special Issue

Horticultural Management Technology Innovation to Improve Berry Quality

Message from the Guest Editor

The cultivation of high-quality berries has undergone significant advancements in horticultural management technology. This Special Issue aims to explore the latest innovations and research in this field, focusing on the improvement of berry quality, flavour, and nutritional content. The scope including, but not limited to, the following: Advanced cultivation techniques, for optimizing berry quality. Novel approaches in nutrient management. Innovations in water management and irrigation systems to optimize fruit development. Integrated pest management (IPM) strategies and technologies for effective pest and disease control. Post-harvest innovations, to extend shelf life and preserve berry quality. This Special Issue encourages the submission of original research articles, reviews, and case studies. Researchers are invited to present their findings on the development and application of innovative techniques, the evaluation of their impact on berry quality, and the exploration of underlying mechanisms. Studies focusing on both temperate and subtropical berry species are welcome, contributing to a comprehensive understanding of the field.

Guest Editor

Dr. Helder Fraga

Centre for the Research and Technology of Agro-Environmental and Biological Sciences (CITAB), Institute for Innovation, Capacity Building and Sustainability of Agri-Food Production (Ino4Agro), Universidade of Trás-os-Montes and Alto Douro (UTAD), 5000-801 Vila Real, Portugal

Deadline for manuscript submissions

closed (29 February 2024)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.2



mdpi.com/si/178312

Agronomy
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

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





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.2



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



About the Journal

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, 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, and other databases.

Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)