

Special Issue

Recent Advances in the Postharvest and Processing Technologies of Horticultural Crops: New Perspectives and Applications

Message from the Guest Editors

Horticultural products are regarded as highly perishable by nature. The effectiveness of diverse strategies and technological know-how in diminishing losses during postharvest has been reported on. Scientists and industry join forces to seek management solutions for horticulture product. Fruit and vegetable processing is another approach that makes it possible to ensure that consumers' needs are met with horticultural-based products within an entire year. However, inappropriate processing, handling, storage and distribution can substantially lower the nutritional value of the produce. Therefore, the issue of developing new processing technology or optimizing the already existing technology is another subject to be addressed.

The purpose of this Special Issue is to introduce the most recent advancements in postharvest practices, addressing the handling, transportation and temperature control for crops after harvest. Pre-processing and storage technology, suitability of varieties for storage and processing, quality requirements and evaluation criteria, and logistic solutions are integral measures necessary to consider for the longer preservation of horticultural crops postharvest.

Guest Editors

Dr. Vitalijs Radenkovs

Dr. Dalija Seglina

Dr. Karina Juhnevica-Radenkova

Deadline for manuscript submissions

5 October 2025



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



mdpi.com/si/195152

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

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





Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Luigi De Bellis
Department of Biological and Environmental Sciences and
Technologies (DiSTeBA), Salento University, Lecce, Italy

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, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Horticulture) / CiteScore - Q1 (Horticulture)