

Special Issue

Development and Cultivar Improvement of Nut Crops

Message from the Guest Editors

Nut fruits are among the most important horticultural crops, with production and consumption dramatically increasing due to their high nutritional and economic value. Therefore, the world's nut tree production has increased by 48% over the last 10 years (ca. 4.5 million metric tons). Almond and walnut were the top produced crops, accounting for 31% and 21% of the world share followed by cashews (17%), pistachios (14%), and hazelnuts (12%). The remaining 5% was distributed among pecans, macadamias, Brazil nuts, and pine nuts. Technical knowledge of nut tree production has been rapidly increased in line with increasing demand for their production. One of the main issues to cause such extraordinary progress is the use of suitable cultivars and rootstocks for nut trees to increase yield, cultivate in poor soil and various climates, overcome stresses and improve their fruit quality. Considering the release of new cultivars and rootstocks of nut trees and the great advances in orchard management technology in the 21st century, this Special Issue focuses on the recent advancements in the development and cultivar improvement of nut crops.

Guest Editors

Prof. Dr. Kourosh Vahdati

Dr. Anita Solar

Dr. Neus Aletà

Deadline for manuscript submissions

closed (10 September 2021)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/62174

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)