

Special Issue

Soil Fertility Management in Crop Production

Message from the Guest Editors

Soil fertility management is a crucial part of the crop production process. In this context, innovations in efficient fertilizer use, cover crops, integrated cropping systems, and fertilizer use management are currently being evaluated by sensors and spectroscopy in order to promote efficient and sustainable crop production systems. The objective of this Special Issue is to publish articles in the area of soil fertility management for crop production. The scope of this Special Issue includes the following: the use of mineral fertilizers; organic and organomineral fertilization; increased efficiency fertilizers; slow-release fertilizers; soil fertility management systems using cover crops and no-till planting; and advances in techniques for measuring soil chemical parameters, fertilizer parameters, and plant nutrients by using sensors and near-infrared equipment. We ask those interested in publishing in this Special Issue, titled “Soil Fertility Management in Crop Production”, to provide their submissions containing a title and a 150-word abstract.

Guest Editors

Dr. Rafael Felipe Ratke

Dr. Juliano Magalhães Barbosa

Dr. Leandro Pereira Pacheco

Dr. Laércio Santos Silva

Deadline for manuscript submissions

10 February 2026



Crops

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 2.4



mdpi.com/si/244812

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

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





Crops

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 2.4



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



About the Journal

Message from the Editor-in-Chief

Crops (ISSN 2673-7655) is an international, peer-reviewed, open access journal. It publishes original articles, critical reviews, and short communications in every aspect of crop science. The journal invites contributions concerning production, improvement and utilization of all plants that are grown as crops including grains, oilseeds, forages, vegetables, fruits, nuts, and those grown for industrial uses. Our aim is to publish timely experimental and theoretical research results in a rapid and readily accessible manner. Every published article is made immediately available worldwide with free and unlimited access to everyone. If you want your work to reach a global audience of crop scientists, we invite you to submit a paper *Crops*, the international journal of crop science.

Editor-in-Chief

Prof. Dr. Yinglong Chen
School of Agriculture and Environment, The University of Western
Australia, Perth, WA 6009, Australia

Author Benefits

Open Access:

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

Journal Rank:

JCR - Q2 (Agronomy) / CiteScore - Q2 (Agronomy and Crop Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.5 days after submission; acceptance to publication is undertaken in 6.8 days (median values for papers published in this journal in the first half of 2025).