

Special Issue

Integrated Management of Soil-Borne Diseases—Second Edition

Message from the Guest Editors

With the development of protected agriculture and the continuous cultivation of high-value crops, a large number of pathogenic fungi, bacteria and insect eggs accumulate in the soil. Soil-borne diseases such as fusarium wilt, root rot, bacterial wilt and root-knot nematodes occur frequently. Soil-borne diseases are becoming serious. The scientific treatment of soil-borne diseases is an important approach for improving the quality of farmland. This Special Issue welcomes original research papers, short communications and reviews focusing on: the transmission and epidemics of soil-borne disease; the diagnosis and identification of soil-borne disease; images of disease that aid AI diagnosis; experiment techniques and methodologies; the pathogenesis of soil-borne disease; the chemical and biological control of soil-borne disease; soil disinfection technologies; new products of soil fumigants; formulations and application methods for soil fumigants; the mode of action of soil fumigants; the environmental behavior of soil fumigants; the ecological and environmental effects of soil fumigants; and the economic assessment of soil-borne disease management products and technologies.

Guest Editors

Prof. Dr. Aocheng Cao
Dr. Dongdong Yan
Dr. Wensheng Fang

Deadline for manuscript submissions

closed (20 April 2026)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 4.5
CiteScore 7.8



mdpi.com/si/238830

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 4.5
CiteScore 7.8



[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, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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), GEOBASE, PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)