

# Special Issue

## Plant Disease Control: Pesticide Resistance Management and Eco-Friendly Alternatives

### Message from the Guest Editors

The concept of ecological agriculture is a key component of sustainable agriculture, where the use of natural biocidal substances is recommended alongside other non-polluting conventional cultural practices. The knowledge of different groups of medicinal plants with wide applicability in allelopathic medicine has led to the development of modern methods for obtaining natural extracts that can be successfully used alongside classic pesticides in contemporary agriculture. The inhibitory effect of plant extracts against pathogens has been presented in various papers with encouraging results. In these circumstances, this Special Issue focuses on the development of eco-friendly management methods against early blight. The use of herbal extracts in plant disease management is most significant for being an eco-friendly and cost-effective strategy.

This Special Issue will include the latest research on the use of biopesticides and other bioformulations in the fight against phytopathogens in agroecosystems.

---

### Guest Editors

Dr. Alina Păunescu

Dr. Liliana Cristina Soare

Dr. Nicoleta Anca Sutan

---

### Deadline for manuscript submissions

15 January 2026



# Agronomy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.7



[mdpi.com/si/225324](https://mdpi.com/si/225324)

*Agronomy*  
Editorial Office  
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 3.4  
CiteScore 6.7

---



[mdpi.com/journal/  
agronomy](http://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 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)

