

Special Issue

Fungal Disease Management and Mycotoxin Prevention in Cereals

Message from the Guest Editors

Fungal diseases of grain cereals, including primarily wheat, maize, rice, and barley, cause worldwide substantial reduction of grain yield and quality, which negatively affects the harvest, storage, and subsequent marketability of the products. A further threat is represented by mycotoxins, produced by some widespread pathogens (e.g., *Fusarium* spp.), which determine a variety of adverse effects (from acute poisoning to long-term effects such as immune deficiency and cancer) to both human and livestock health. Regulations on maximum mycotoxins levels have been established worldwide to protect consumers from their harmful effects, and the public concern on food safety extends to excessive and inappropriate use of pesticides, whose residues are likewise dangerous for consumers, as well as the environment. An increasing and more demanding world population, coupled with environmental issues, including climate changes, altogether pose as an essential goal the search for new and sustainable strategies to mitigate the many negative impacts of widespread fungal diseases on cereal crops.

Guest Editors

Prof. Dr. Carla Ceoloni

Dr. Silvio Tundo

Dr. Ljiljana Kuzmanović

Deadline for manuscript submissions

closed (31 January 2022)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/60320

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](https://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)