Special Issue

The Rhizobium-Legume Symbiosis in Crops Production

Message from the Guest Editor

Biological nitrogen fixation (BNF) is a very important process enriching natural and agricultural ecosystems with nitrogen compounds available for plants. Symbiotic systems composed of legume plants and soil rhizobia are the most efficient in BNF; therefore, they are widely used in modern sustainable agriculture. Rhizobia-based commercial inoculants have been produced and used for over a century; however, we are still receiving news about new beneficial rhizobial strains or new formulations and methods of application. Moreover, every year there are reports about bacterial metabolites that could improve the efficiency of rhizobia–legume symbiosis and crop production. We welcome all novel research and reviews covering topics related to *Rhizobium*–legume symbiosis and the use of such symbiotic systems in efficient and environmentally friendly sustainable agriculture.

Guest Editor

Prof. Dr. Jerzy Wielbo
Department of Genetics and Microbiology, Maria Curie-Sklodowska University, Pl. M. Curie-Skłodowskiej 5, 20-031 Lublin, Poland

Deadline for manuscript submissions

30 April 2026

Agronomy

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 6.7

mdpi.com/si/220493

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

mdpi.com/journal/agronomy

Agronomy

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 6.7

mdpi.com/journal/agronomy

MDPI

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)