

Special Issue

Foliar Fertilization for Sustainable Crop Production

Message from the Guest Editors

Sustainable Crop Production is a necessity. Environmental concerns make it necessary to reduce the intensity of mineral fertilization (mainly with nitrogen) and the use of the most dangerous pesticides. Progressive climate change adversely affects crop yields. As the climate warms, the threat of drought, high temperatures, disease infestation and pest damage increases. This threatens to reduce food production, deteriorate food quality and collapse the profitability of agricultural production. It is therefore essential to look for innovative yet environmentally safe and profitable production technologies for the agricultural producer. One of these is the foliar application of various elements and compounds to plants. Despite a large amount of research, many problems are still unsolved. This Special Issue focuses on various aspects of the foliar application of beneficial elements (silicon, vanadium, selenium, etc.) as well as biostimulants on plant growth and development, physiological traits, disease infestation and pest feeding, yield quantity and quality, and the storage stability of agricultural raw materials.

Guest Editors

Dr. Arkadiusz Artyszak

Institute of Agriculture, Warsaw University of Life Sciences-SGGW, 02-776 Warsaw, Poland

Dr. Dariusz Gozdowski

Institute of Agriculture, Warsaw University of Life Sciences-SGGW, 02-776 Warsaw, Poland

Deadline for manuscript submissions

closed (25 May 2025)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/190206

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 3.6
CiteScore 6.3



[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, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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

Journal Rank:

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