



Herbicides and Chemical Control of Weeds

Guest Editors:

Dr. Thomas K. Gitsopoulos

Hellenic Agricultural
Organization - DIMITRA (ELGO-
DIMITRA), Institute of Plant
Breeding and Genetic Resources,
57001 Thessaloniki, Greece

Dr. Nicholas Emmanuel Korres

Department of Agriculture,
University of Ioannina, 451 10
Ioannina, Greece

Deadline for manuscript
submissions:

closed (31 December 2024)

Message from the Guest Editors

Herbicides are the prevalent method of weed control, a status they mostly due to their effectiveness, low cost and easiness of their application. However, their misuse may lead to the development of herbicide resistance or crop injuries.

Issues in soil–environmental parameters, equipment, time and method of herbicide application and other factors can affect herbicide efficacy and selectivity.

This Special Issue welcomes research articles and reviews that discuss herbicides and chemical weed control alternatives that enhance herbicidal activity, manage herbicide resistance and secure crop safety.

Potential topics include, but are not limited to, the following:

- Timing of herbicide application
- Precision herbicide application
- Herbicide mixtures
- New herbicides
- New Chemistries: Bioherbicides; Nanoherbicides; Naturally compounds with herbicidal activity
- Use of adjuvants
- Biostimulants and herbicide efficacy
- RNA interference





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

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.

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)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
[X@Agronomy_Mdpi](https://twitter.com/Agronomy_Mdpi)