



## 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), GEOBASE, 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