



## Weed Management and Herbicide Injury in Horticulture

Guest Editor:

**Dr. Kassio Ferreira Mendes**

Departamento de Ciências  
Agronômicas, Universidade  
Federal de Viçosa (UFV), Viçosa  
36570-900, Brazil

Deadline for manuscript  
submissions:

**closed (29 February 2024)**

### Message from the Guest Editor

"Weed Management and Herbicide Injury in Horticulture" emphasizes the importance of effective weed management strategies for sustainable horticulture. This Special Issue explores the use of herbicides and their potential for inflicting damage on crops if applied inaccurately. Drawing upon studies and practices, it discusses that an integrated approach combining cultural, preventive, physical, mechanical, chemical, and biological methods is vital for effective weed control. The Special Issue is also cautions of the dangers of herbicide resistance due to excessive or improper use, which can lead to irreversible damage to vegetable production. It underscores the need to educate growers about the safe and effective use of herbicides, focusing on correct application techniques, choosing the right herbicide for the specific weed, and regular monitoring to avoid accidental damage. This Special Issue promotes mindful and ecologically sound management in order to achieve more sustainable horticulture.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Luigi De Bellis**

Department of Biological and  
Environmental Sciences and  
Technologies (DiSTeBA), Salento  
University, Lecce, Italy

## Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

## 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, FSTA, and other databases.

**Journal Rank:** JCR - Q1 (Horticulture) / CiteScore - Q1 (Horticulture)

## Contact Us

---

*Horticulturae* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/horticulturae](https://mdpi.com/journal/horticulturae)  
[horticulturae@mdpi.com](mailto:horticulturae@mdpi.com)  
[X@Horticult\\_MDPI](https://twitter.com/Horticult_MDPI)