



Herbicides and Chemical Control of Weeds

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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





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Message from the Editor-in-Chief

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