



Sustainable Weed Control in the Agroecosystems

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Message from the Guest Editors

Dear Colleagues,

At present, agricultural production is essential for ensuring food security worldwide. Weeds are an important constraint to crop yield, and their management is crucial to avoid losses. Several means could be adopted for controlling weeds, such as improving tillage regimes, weed seed harvest, thermal means, biotechnological means, and precision farming. Unfortunately, no single strategy is completely efficient, and therefore an integrated approach could represent the key to success in weed management under sustainable agriculture. Indeed, the incorporation of a combination of weed management measures helps to sustain weed control systems over time and maintain farms' ability to provide productive harvests while protecting the environment. The main objective of the Special Issue is to publish original research, modeling approaches, and review papers addressing how weed management could be implemented in sustainable cropping systems across different environments, soils, and geographic locations.





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