



Advances in Basic and Applied Research on Weed Seed Dormancy, Germination, and Early Growth

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Message from the Guest Editors

In a constantly changing world and with the continuous population increase, maintaining food security becomes more important. Considering the negative impact of weeds on plant production, improving weed control remains one of the pillars of sustainable agriculture. In order to achieve a satisfying level of weed control, it is paramount to have a solid knowledge of weed biology, especially about their initial life phases that are crucial for the establishment of the weed flora and its competitiveness with crops. It is therefore important to conduct in-depth studies on dormancy, germination, and emergence processes of weed species, especially addressing the great variability observed both at the interspecific and intraspecific levels.

We are pleased to invite you to contribute to this Special Issue with original research articles or reviews that advance the knowledge on weed dormancy, germination, and emergence, as well as test the effect of different techniques on these crucial phases of the weed lifecycle. Such techniques could include but are not limited to allelopathy, different soil management, mulching, cover crops or different techniques of precision weed control.





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Message from the Editor-in-Chief

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