

Special Issue

Weed Management in Annual and Perennial Cropping Systems

Message from the Guest Editors

For several decades, weed control was largely dependent on synthetic herbicides as they were cheap, easy to use and very efficient. However, an over-reliance on chemical control has led to environmental concerns. Moreover, in the context of the renewal of the approval of active substances, more and more herbicides have been withdrawn from the market. Furthermore, severe herbicide resistance problems are increasing globally. Therefore, there is an urgent need to develop alternative methods for weed management as a basis of environmentally friendly and sustainable agroecosystems. This Special Issue is intended to provide new insights into innovative weed management solutions in annual and perennial cropping systems. Both reviews and original research papers on the use of cover crops, intercropping, mulches, crop rotation, cropping systems, cultivation methods, competitive crop cultivars, allelopathy, animals, automated mechanical weeding and other promising and innovative tools for weed control are invited.

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