

Special Issue

Herbicide Resistance in Weed Management

Message from the Guest Editors

The agriculture community, farmers, and researchers are facing major challenges as our ability to secure food production for future world population is impaired by rapid environmental changes. These extensive changes directly and indirectly endanger crop yield by accelerating excessive fluctuations in weed communities and thus hastening the evolution of herbicide-resistant weed biotypes. Currently, over 500 unique cases of herbicide-resistant weeds have been reported worldwide. These weed populations cause massive yield losses and are hazardous to human health and the environment. Our ability to develop new integrated weed management practices will be one of the most important tools to combat herbicide-resistant weeds. This Special Issue will focus on various aspects of “Herbicide Resistance in Weed Management” following the keywords listed below.

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