

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.

Guest Editors

Dr. Ran Lati

Dr. Maor Matzrafi

Prof. Dr. Zvi Peleg

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Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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