



Ecologically Sustainable Weed Management in Cropping Systems

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Message from the Guest Editor

Dear colleagues,

Weeds are one of the most important biological constraints to crop production. They affect crop yield by competing with crops for sunlight, nutrients, water and space. Herbicides are used globally to manage weeds. However, their injudicious use has resulted in the evolution of herbicide-resistant weed biotypes, weed species population shifts and increased costs of herbicides. Globally, >500 unique cases of herbicide-resistant weeds have been reported, suggesting that there is a need to develop ecologically sustainable weed management practices in different cropping systems so that herbicide use can sustain for a long time. These practices should also save natural resources for the future. Some of the sustainable weed management practices are: cultural, mechanical and biological.

This special issue will focus on “Ecologically sustainable weed management in cropping systems”. We welcome novel research, reviews, short communications and opinions covering all related topics.

Dr. Bhagirath S. Chauhan
Guest Editor





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Message from the Editor-in-Chief

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