

Special Issue

Biological Control as a Crucial Tool to Sustainable Food Production

Message from the Guest Editors

Agriculture is the most important human activity to produce food for an increasing global population that is expected to reach 10 billion by 2050. However, those cultivated plants are usually attacked by pests that can reduce yield if not well managed. Nevertheless, pest control must be accomplished with environmental preservation. Among the most eco-friendly pest control tool, biological control stands out and is the focus of this Special Issue. Biological control is one of the most used strategies to replace pesticides and fulfill the open demand created by a constantly decreasing number of chemicals available for agricultural use. However, it is crucial its adoption in association with other considered sustainable pest control strategies. Only this can provide sustainable food production, fostering equitable, secure, sufficient, and stable flows of both food and ecosystem services. Therefore, this Special Issue welcomes articles that address sound tools for sustainable food production, helping to reduce the use of synthetic chemical pesticides and increase both natural and augmentative biological control preservation which increases agroecosystem balance.

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