



Sustainable Defense Strategies for Pest Management

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Message from the Guest Editors

Nowadays there is a rising interest on improving the sustainability of agriculture and stored products management by reducing dependence on pesticides and other chemical inputs. In this context, reliable and affordable tools for monitoring and control dangerous species are urgent to implement the Integrated Pest Management (IPM), particularly in those environments in which chemical control is difficult or strictly forbidden. This Special Issue will focus on recent progress and applications toward the inclusion of pesticide free techniques, and the last advances on for the management of dangerous insect species in agriculture, forestry and warehouse environments that might be included in IPM strategies and organic farming.

We welcome original articles focusing on:

Semiochemicals for the monitoring and control of insects species

Conventional and unconventional breeding approaches to develop tolerant/resistant plants and rootstock

Biological control

Trap cropping

Essential oils as alternative to synthetic insecticides





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