Special Issue

Advanced Pest Control Strategies of Fruit Crops

Message from the Guest Editors

Fruit crops are vital to global food production, but they face significant challenges from various insect pests that can severely impact yield and quality. This Special Issue will explore innovative and advanced pest management strategies that aim to enhance the sustainability of fruit production systems. Topics will include the development of novel and sustainable integrated pest management (IPM) strategies, new biopesticides, sterile insect techniques, enhancing the efficacy of beneficial organisms, pest-resistant crop varieties, and the implementation of transformative technologies such as precision agriculture, sensor networks, and data-driven decision-making tools. This issue will also cover ecological and economic aspects of novel approaches to pest management in fruit crops such as apples, citrus, grapes, and berries.

This Special Issue articles included will focus on the latest developments in innovative strategies, including the use of biopesticides, integrated pest management (IPM), and pest-resistant crop varieties. Additionally, this issue will explore the role of insect sensory ecology and its applications in developing attract-and-kill strategies.

Guest Editors

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Message from the Editor-in-Chief

Editor-in-Chief

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