Special Issue

Eco-Friendly Aphid Control in Horticultural Crops

Message from the Guest Editors

The Special Issue entitled "Eco-Friendly Aphid Control in Horticultural Crops" focuses on sustainable and innovative strategies for managing aphid infestations while minimizing environmental impact and promoting crop health. This Special Issue highlights advancements in biological control agents, cultural practices, resistant crop varieties, and precision technologies that reduce reliance on chemical pesticides. Additionally, it explores cutting-edge approaches such as AI-driven pest detection systems, advanced biopesticides, microbiome engineering for plant resilience, and precision robotics for targeted pest management. By integrating smart technologies with ecological principles, this Special Issue addresses the growing demand for safe, high-quality horticultural produce. It offers visionary solutions tailored to the challenges of aphid management in fruits, vegetables, and ornamental crops. Emphasis is placed on balancing productivity with ecological sustainability, paving the way for a future of sustainable horticulture that enhances crop quality and supports global food security.

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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