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Innovative Integrated Pest Management (IPM) Systems in Orchards and Vegetable Crops

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Deadline for manuscript submissions:
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Message from the Guest Editors

Global demand for fruits and vegetables has grown over the past decade, leading to intensification in agricultural practices in many countries. The overuse of some intensive practices (e.g., pesticide applications) is a major concern because it can lead to the presence of pesticide residues on fresh-consumed food and compromise important ecosystem services that have a vast impact on the sustainability of fruit and vegetable production.

The control of pest species (arthropods, pathogens, and weeds) in an agroecosystem in an economically, environmentally, and sociologically sound manner using multiple tactics in a compatible way is the basis for integrated pest management (IPM). Accordingly, the aim of this Special Issue is to gather new scientific findings and critical reviews covering any innovative aspect of IPM in orchards and vegetable crops, including biological, microbial, chemical, behavioral, genetic, cultural and mechanical control as well as landscape management, resistant varieties, pest identification, detection and monitoring, decision tools, economic injury level and economic threshold, decision making, precision farming, and innovative strategies for IPM.

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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.

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