

Special Issue

Integrated Pest Management Strategies for Food Processing and Storage Facilities

Message from the Guest Editor

Insects pose a significant threat to stored products. Currently, insect control at the post-harvest stages of agricultural products is primarily based on the use of contact insecticides and fumigants, such as phosphine, which are directly applied either to the product or to the storage and processing facility. However, the continuous use of these insecticides has led to the development of resistance by several major insect species, often rendering chemical control ineffective. Furthermore, many traditional substances are no longer in use due to their high toxicity to mammals and extreme threat to the environment. This Special Issue aims to highlight the development, application, and evaluation of integrated pest management (IPM) strategies in food processing and storage facilities. It will focus on innovative approaches and technologies that offer sustainable and effective solutions for managing stored-product pests. For this Special Issue, we welcome all types of articles. We encourage studies that offer practical, high-precision, and innovative solutions with promising applications in the field of pest management.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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