Special Issue

Integrated Pest Management of Field Crops

Message from the Guest Editors

Integrated pest management (IPM) is a planning and monitoring system designed to support pest control decision-making with the aim of keeping pest population densities below the levels that cause crop yield reductions, using cost–benefit analyses based on economic, ecological, toxicological, and social principles. The integrated and strategic use of control tactics is key to achieving greater pest control efficiency and sustainability in field crops. This Special Issue on the "Integrated Pest Management of Field Crops" is focused on novel and original research that presents results on the various pest control methods available in sustainable IPM programs of field crops. Suggested themes for consideration in this Special Issue include studies on host plant resistance, biological control, microbial control, behavioral control, genetic control, cultural control, pest monitoring, selectivity, and insect resistance management in field crops. Submitted manuscripts must not be previously published or under review for publication in another journal.

Guest Editors

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Deadline for manuscript submissions

30 April 2026

Plants

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed

mdpi.com/si/253649

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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