

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

Dr. Bruno Henrique Sardinha de Souza
Prof. Dr. Geraldo Andrade Carvalho
Prof. Dr. Khalid Haddi

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

Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)





Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)



About the Journal

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, and 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

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)