

Special Issue

Management of the Root-Knot Nematodes

Message from the Guest Editors

Root-knot nematodes (RKN) (*Meloidogyne* spp) are one of the most destructive Plant parasitic nematodes (PPN) of many cultivated crops. In recent decades, their control has primarily been based on the use of synthetically produced chemical nematicides. However, some “old” nematicides, such as methyl bromide, have been banned, due to their adverse effects on the environment. The agro-industry is forced to pay attention to this problem in order to find sustainable and environmentally acceptable solutions. In recent years, some “new” nematicides have been introduced to the market. Additionally, different methods of root-knot management such as cultural practices, crop rotation, resistant and tolerant cultivars or rootstocks, new synthetic molecules, and plant-derived extracts are the main focus of many research teams all over the world. The ambition of this Special Issue is to collect new and innovative knowledge from researchers who work on the management of root-knot nematodes.

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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.

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