

## Special Issue

# Plant Parasitic Nematodes Control and Host-Response

### Message from the Guest Editors

Plant-parasitic nematodes (PPN), “the unseen enemies” of plants, are a threat to a wide range of plant species, including economically important crops, affecting production, quality and yield. Although PPN are responsible for losses estimated at around USD173 billion/year, most of the growers do not recognize their importance, as the symptoms associated with their presence are unspecific. Once PPN are established, their eradication is very difficult. The objective of management strategies is to increase crop yield by reducing the nematode population and, consequently, limiting the damage to a economically acceptable level. Nematicides have been used to minimize crop losses caused by PPN. In crop rotation fallow periods or non-hosts, resistant or immune plants to PPN species are rotated with susceptible crops. Other practices have also been used, such as the considering the time of planting and harvesting, the removal or destruction of infected host plants, flooding, biofumigation, solarization, heat treatment, steaming, the use of allelopathic plants that release nematicidal compounds into the rhizosphere, trap crops, soil amendments, biological control, etc.

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### Deadline for manuscript submissions

closed (15 September 2023)



## Plants

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### Editor-in-Chief

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