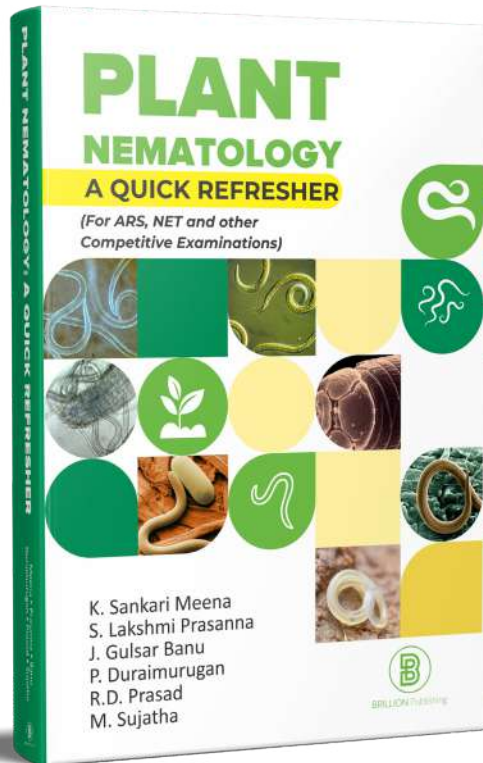




BRILLION Publishing



ISBN: 978-81-19238-25-5

e-ISBN: 978-81-19238-23-1

Pages: 289

2023

 Printed Copy

Paperback ₹ 595/-

PLANT NEMATATOLOGY

A QUICK REFRESHER

(For ARS, NET and other Competitive Examinations)

Nematology is a branch of biology mainly concerned with nematodes or roundworms. Plant nematology, animal parasitology, and free-living nematology are the three main subfields of nematology. Plant parasitic nematodes harm the plants directly and can associate with other microorganisms to create disease complexes that exacerbate crop loss. Improved knowledge of taxonomy, biology and ecology of nematodes can aid in effective nematode management. This book covers the entire field of plant nematology including history, morphology, taxonomy, biology, ecology, interaction and various nematode management methods in the form of objective and subjective type questions and answers. Glossary containing the related terminologies to the field of nematology and the names of the nematology books along with the authors were listed at the end of the book. This book will be of great help in recollecting vast knowledge on plant nematology for the graduate and postgraduate students and other stakeholders appearing for the competitive examinations and interviews to revise the entire course of plant nematology within a short period of time.

**K. Sankari Meena • S. Lakshmi Prasanna • J. Gulsar Banu
P. Duraimurugan • R.D. Prasad • M. Sujatha**

(Contents)

- Introduction
- History of Nematology
- Nematode Morphology
- Nematode Taxonomy
- Nematode Physiology, Biology and Anatomy
- Nematode Ecology
- Plant - Nematode Interaction
- Molecular Nematology
- Nematode Techniques
- Nematode Interaction with Soil Organisms
- Host Plant Resistance
- Physical Control
- Chemical Control
- Biological Control
- Cultural Control
- Plant Quarantine
- Entomopathogenic and Entomophilic Nematodes
- *Caenorhabditis elegans*
- Common Names of Important Plant Parasitic Nematodes
- Important Nematode Diseases of Crops
- Identify the Correct Answer
- Match the Following
- Subjective Question and Answers
- Nematode Glossary
- Nematology Books and Authors

ISBN: 978-81-19238-25-5



For e-version of the book or sample chapter for personal perusal contact:
info@brillionpublishing.com
www.brillionpublishing.com