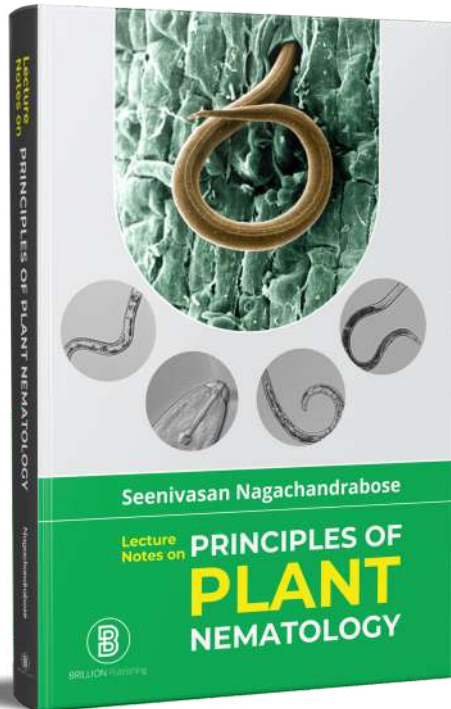




BRILLION Publishing

Lecture Notes on **PRINCIPLES OF PLANT NEMATATOLOGY**



About the Book:

Plant Nematology is the branch of Agricultural Science taught in State Agricultural Universities at under-graduate as well as post-graduate level. Plant parasitic nematodes are a worm like microscopic animals lives in soil and feeds parasitically on plant roots. Plant parasitic nematodes feed on plants by establishing a strong pathogenesis. Feeding by nematodes on roots causes malformation (gall like structure), lesions, rotting and necrosis that affect transport of water and nutrient. Though the plants affected by nematodes do not die instantly, its effect will affect economic yield. The loss by nematodes in agriculture is about 21.3% globally and annually we are losing 102040 million rupees (1.58 billion USD). Considering its importance, ICAR recommended to include 'Plant Nematology' as one of core course for M.Sc. (Plant Pathology) PG degree programme. In M.Sc. (Plant Nematology) already a core course is taught for students as 'Principles of Nematology'. The curriculum syllabus for the both course is same. Until now, there is no guide or books are available for these PG courses. This book is designed to cover theory syllabus of 'PAT 504 Plant Nematology' and 'NEM 501 Principles of Nematology' courses.

Features:

The book is designed to have 20 chapters that covers lecture schedules of PAT 504 and NEM 501 course syllabus.

Prepared in a simple language

The whole architecture of the book is in a bulleted form to make reading more interesting

The book has hand drawings for each important part of the notes to help the audience to understand the notes quickly.

This textbook is not only useful for students, but also aid the teachers who taught NEM 501 and PAT 504 courses.

This book will fulfill the requirements of PG students and teachers of Nematology as well as Plant Pathology disciplines

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