ABSTRACT

STUDIES ON PLANT-PARASITIC NEMATODES OF UTTAR PRADESH (NORTH INDIA)*

By

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Plant-parasitic nematodes play a vital role in the agricultural economy of a country. A large number of nematodes are known to be destructive to ornamental plants, cultivated crops, vegetables and fruit trees etc. Unfortunately, the study of these pests is still in its infancy in India. These require an intensive study before something can be done to improve the agricultural economy of this country which is one of the oldest known agricultural countries of the world. The present work is undertaken with this end in view.

This work is the outcome of an intensive study made on the morphology and systematics of the plant-parasitic nematodes collected in various localities of U. P. It also includes the results of the experimental studies on the root-lesion nematodes, Pratylenchus mucicola (Cobb), attacking citrus trees in U. P. Accordingly the work has been divided into two parts. Part I deals with the morphology and taxonomy

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