

IN THIS ISSUE

Volume 53 (Special Issue), 2024

Title	Authors	Pages
Editorial		iii
Review Articles		
1. Nematology in India: The Journey, Perspectives, and a Vision	Hari S. Gaur	1
2. Potato Cyst Nematodes – The Policy Paralysis	Raman Kumar Walia	21
3. Nematode Biotic Indices: Advancements and Applications in Assessing Soil Health	Nethi Somasekhar and Satish Namdeo Chavan	30
4. Nematode Management in Polyhouse Cultivation	Anju Kamra, Ajay Singh Sindhu, Mallikarjun G., Devindrappa M. and Bharat Gawade	43
5. <i>Ufra</i> - The Deeply Mysterious Disease	Debanand Das	49
6. Nematode Management in Plantation Crops and Spices	Nisha, M.S.	61
7. Rice Root-knot Nematode - Progress of Resistance Breeding in Rice	Pankaj, Mansi Machal and Vishal Singh Somvanshi	74
8. Microbial Biomolecules: Illuminating the Hidden Arsenal against Plant Parasitic Nematodes	Shanthi, A., Shandeep, S.G., Arun, A. and Sharmila, R.	89
9. Global Standing of EPN for Insect Pest Management <i>vis-a-vis</i> Indian Contribution: The Missing Links	Sharad Mohan	97
10. Advancements in Nematode Management: Exploring Machine Learning in Precision Agriculture	Abhishek Mukherjee, Sristi Das, Suvasri Dutta and Sandip Mondal	106
11. Genome Engineering for Nematode Management	Anil Sirohi and T.K. Dutta	114
Miscellaneous		
Obituary		122

EDITORIAL

This special issue is intended to “save and share” the knowledge presented at the National Symposium, on “*Nematodes, the Unseen Foes and Friends of Plant and Soil Health*” organized by the Nematological Society of India from January 31 to February 2, 2024 at Indian Statistical Institute, Kolkata.

Out of 20 invited lead speakers, 17 made presentations in different sessions. The abstracts of these lectures were included in the “*Book of Abstracts*”, yet we thought it worthy to publish the full papers of as many articles as possible.

This special issue contains 11 articles written by eminent nematologists of the country. Some of these are quite critical and point out the deficiencies of the system and knowledge gaps. The views expressed in these articles are vested with the authors.

We also thought it befitting to dedicate this special issue to **Prof. Dr. Mohammad Shamim Jairajpuri**, the illustrious son of India who contributed immensely to the taxonomy of Dorylaimid and Mononchid groups of nematodes. The readers must read the obituary that contains his contributions more elaborately.

