



ICAR-DIRECTORATE OF FLORICULTURAL RESEARCH  
COLLEGE OF AGRICULTURE CAMPUS  
SHIVAJINAGAR, PUNE-411005.



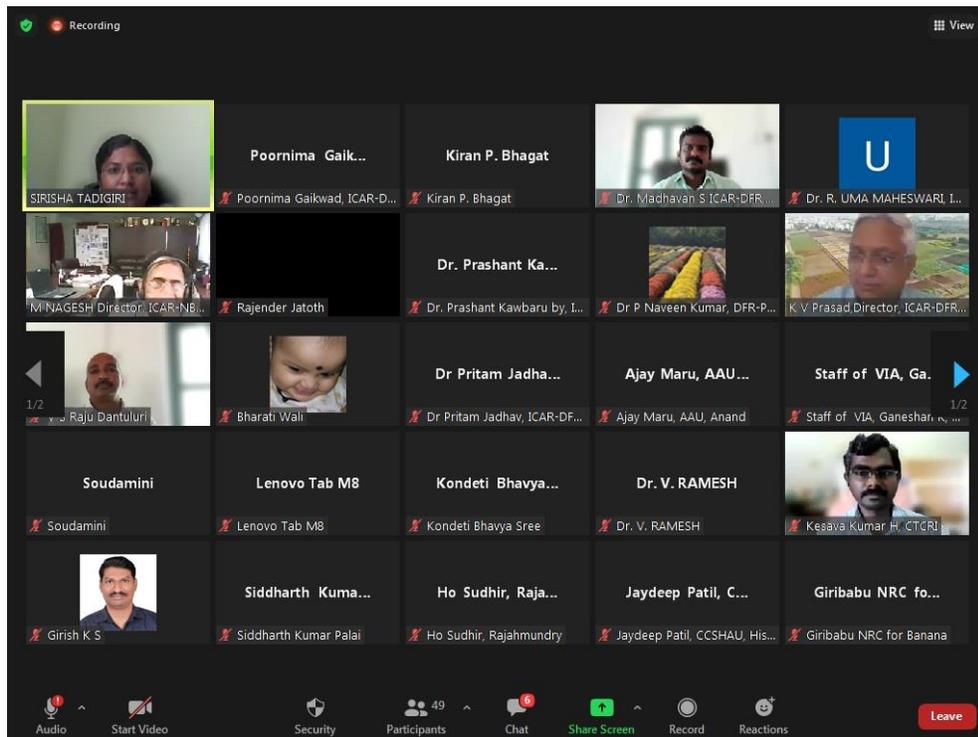
**ICAR-Directorate of Floricultural Research  
organized Webinar on  
“Nematode Pests of Horticultural Crops and Their Management”**

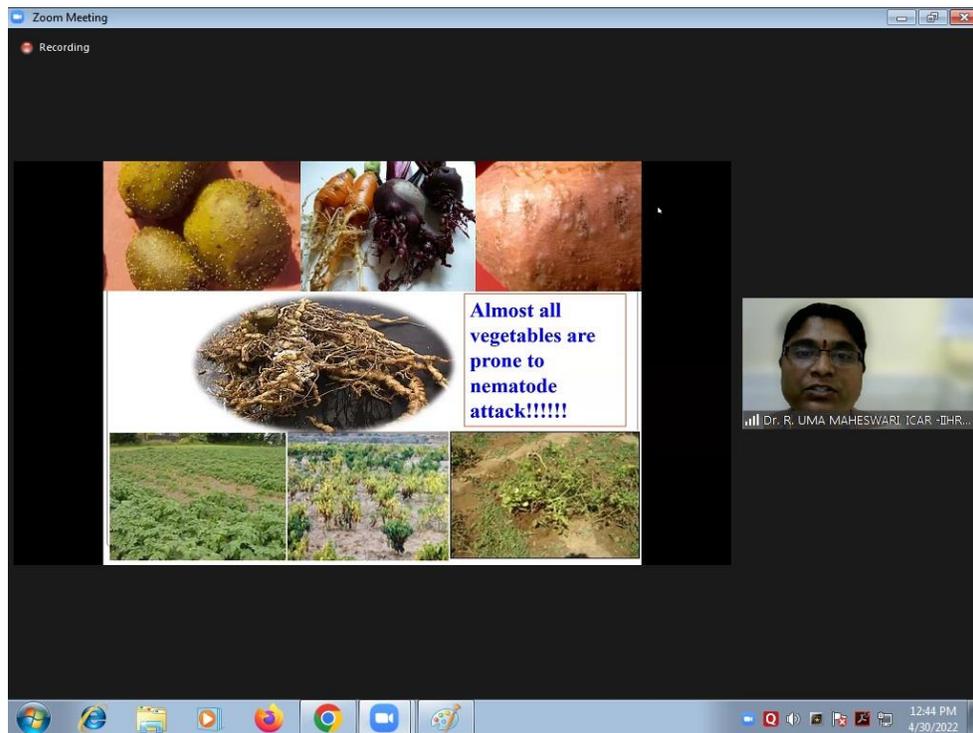
ICAR-Directorate of Floricultural Research, Pune organized a one-day National webinar on “Nematode Pests of Horticultural Crops and Their Management ” as part of Azadi ka Amrut Mahotsav through virtual mode on 30<sup>th</sup> April at 10:30 AM - 1:30 PM. Around seventy-five participants from different areas like scientists, students, nursery people, and horticulture officers from the Department of Horticulture, Government of Andhra Pradesh participated in the webinar through virtual mode. Dr. K. V. Prasad, Director of ICAR-DFR welcomed the dignitaries and explained the context of organizing the national webinar in view of the importance of managing nematodes in horticultural nursery crops like Kadiyam, Andhra Pradesh. In his address, he explained the problems faced by farmers due to the new introduction of nematodes along with planting materials, potting mixture and stressed the importance of managing nematodes in nursery crops.

The Nematology experts who have made a mark in their field across the country delivered lectures for the benefit of the participants about various topics on nematode management in Horticultural crops. Dr. Sirisha Tadigiri, Scientist from ICAR-DFR Regional Centre, Vemagiri delivered lecture on “Status of plant parasitic nematodes in ornamental crops and gave a complete picture of nematodes associated with ornamental crops and the damage caused by them, how to diagnose nematode infestation in ornamental nursery crops. Among the experts, Dr. R. K. Walia, Former Project Co-ordinator, for AICRP on Nematodes who got a wide experience in working in nematode problems in nurseries delivered a lecture on “Dissemination of Nematodes in Horticultural Nursery Crops and Their Management” gave the overall picture of nematode problem in the country, their dissemination and solutions available at present. He explained that the interaction of nematodes along with pathogens develop disease complex and causes more crop loss compared to nematodes alone. He also emphasized the need to take care of nematode free planting material by multiplying them in alternate ways like resistant rootstocks, air-layering, growing seedlings in soil less culture to avoid nematode dissemination from one place to other places through nurseries. He also explained that if nematodes are infected with seedlings, then proper management strategies like treating with nematicides and bio-pesticides are important before transplanting into main fields. Dr. Umamaheswari R, Senior Scientist, Division of Crop Protection, ICAR-IIHR attended the webinar and delivered lecture on “Integrated Approach for Sustainable Nematode Management in Horticultural Crops”. She explained overall view about the promising practices that can be adopted by horticultural farmers for reducing nematode problems. especially the crop rotation with velvet bean is a novel idea that can be easily adopted by farmers. Dr. M.S. Rao, Former Principal Scientist and Head, Division of Crop Protection, ICAR-IIHR delivered lecture on “Success Stories for Management of Nematodes in Horticultural Crops”. He explained about the importance of bio-pesticides and how to manage the nematodes in horticultural crops. He requested that the young scientists and stakeholders who had participated in this webinar to disseminate to their peer groups about eco-friendly technologies that promise to manage nematodes successfully. Dr. M. Nagesh, Director In-Charge, ICAR-NBAIR who has got a wide experience in developing bioformulations of Entomopathogenic nematodes for Insect pests gave an elaborate presentation on “Entomopathogenic Nematodes for Management of Insect Pests” and explained the beneficial EPNS and their efficacy in successive control of soil pests.

At the end of each presentation there was a healthy interactive session of participants with nematology experts and they gained knowledge on different aspects of nematode management of horticultural crops and also entomopathogenic nematodes. At last, Director, ICAR-DFR gave the concluding remarks about the webinar and appreciated the speakers for sharing their knowledge to the beneficiaries like students, farmers and stakeholders who had attended the webinar. At finally, the webinar was closed with vote of thanks which was delivered by Dr. Madhavan, Scientist, ICAR-DFR, Regional station, Vemagiri.

**Webinar “Nematode Pests of Horticultural Crops and Their Management” held on April 30<sup>th</sup> (Azadi ka Amrit Mahotsav)**





**Root-knot nematode damage in Tuberose**



Presence of galls on nematode infected tuberose roots

Root-knot nematode egg mass on tuberose roots

**Atreyapuram Mandalam, Velicheru Village**



SIRISHA TADIRI

Poornima Gaik...

Poornima Gaikvad, L...

Agricultural College, ...

Rajender Jatoh

K V Prasad, Dire...

K V Prasad, Director, L...



Dr. P. Navaneetha Kumar, ...