

TAMIL NADU AGRICULTURAL UNIVERSITY

**O/o The Registrar,
TNAU, Coimbatore**

No. TNAU/VC - Review/Nematology/18-19/No.23/ Date: 20.02.2019

PROCEEDINGS

Sub: TNAU –Nematology - Vice-Chancellor's review on 13.02.2019 – Proceedings – issued –reg.

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Vice-Chancellor, TNAU, Coimbatore reviewed the ongoing activities of the Department of Nematology on 13.02.2019. Proceedings of the review is communicated for follow up.

A. Research and Development

1. Training on awareness of nematode infection and its identification in nursery of guava, pomegranate, citrus and mango may be organized for the State Government officials (Professor and Head)
2. A detailed report has to be submitted on the procedures to be followed while preparing nursery planting materials to exclude nematode infection for sending to Agriculture Production Commissioner for adoption by the state department officials incharge of nurseries (Professor and Head)
3. The results of the Nano - scheme funded by DBT may be further developed as projects. Residue analysis of the nano particles in the soil may be tested (Dr.B. Anita, Professor).
4. In the scheme on exploration of nematode biodiversity in Nilgiris forest, occurrence of nematodes at different altitudes in shoal forests be recorded. Dr. Kumaravelu, Former Dean (Forestry) may be contacted for seeking any technical assistance (Dr. P.G.Kavitha, Assistant Professor)
5. The project proposals for Tea Board, Coonoor and Forest Department can be sent for approval (Dr. P.G.Kavitha, Assistant Professor)
6. An exclusive survey on nematode infestation in polyhouses of Thally area, Krishnagiri district, growing vegetables and cut flowers such as carnation, gerbera, roses are to be carried out to observe the build up of nematode population in such polyhouses. Accordingly, a proposal can be drafted for state government on the points to be followed for effective management of nematodes in protected cultivation. Testing of soil for presence of nematodes in the sites where the protected cultivation structures are proposed to be erected can be made mandatory for getting subsidy from Government just as in Hisar (Dr P. Kalaiarasan and Dr.P.Vetrivelkalai).

7. A core project proposal may be submitted for financial support for developing formulation of *Pasteuria penetrans* and yeast. (Dr N. Swarnakumari and Dr. G.Jothi).
8. Nematode repellent crops such as Mexican sunflower, pungam, ilupai, nochi, pinnai and *Simaruba* may be added to the already known repellent crops such as marigold, small onion, garlic, crotalaria and mustard as alternate method of managing nematodes.
9. The VCS scheme entitled 'Commercial production of nematode antagonistic bioagents' so far handled by Dr.N.Swarna, Assistant Professor working under AICRP (Nematodes) be hitherto handled by Dr.G.Jothi, Associate Professor working in Main.
10. An International conference on Plant Parasitic Nematodes be planned to be organized in 2020. Funds can be sought from International Society for Horticultural Science and NABARD.
11. A compendium of the Department of Nematology may be prepared and kept ready for release during the proposed International conference.

B. General:

1. Glasshouse in-charge must be seated in the glasshouse itself so as to closely monitor the works of the labourers working there (Dr.P. G. Kavitha).
2. Renovation works such as repair of benches, flooring, replacement of glasses in the sides of the glasshouse with mesh and alteration of broken micro plots in the Nematology Rock feller glasshouse can be done taken by Estate office (Dr. P.G. Kavitha)
3. A proposal may be submitted for engaging contract labour (preferably a retired labour) as an additional support in order to increase the production of bioagents under Venture Capital Scheme.
4. The Physics lab in the first floor of WTC building has to be handed over to Dept. of Nematology as additional space for Nematology.

Action taken may be reported regularly.


Registrar
20/2/19

(By Order of the Vice-Chancellor)

To
The Professor and Head, Dept. of Nematology, TNAU, Coimbatore

Copy to
The Director, Centre for Plant Protection Studies, TNAU, Coimbatore
The Director of Research, TNAU, Coimbatore
The TPO to the Vice Chancellor for follow up