**Preliminary studies on use of Botanical Extracts as an Eco-Friendly Approach to Manage Pests of Rice in Karaikal, U.T. of Puducherry**

**K. NISHANTHINI\*1 and M. KANDIBANE2**

12Department of Agricultural Entomology, Pandit Jawaharlal Nehru College of Agriculture and Research Institute (PAJANCOA and RI), Karaikal – 609603, Puducherry, India

\*Corresponding Author E-mail: [nishanthee97@gmail.com](mailto:nishanthee97@gmail.com)

**Funding**

PAJANCOA and RI student fellowship for the period of my study.

To,

Dear

Editor-in-Chief,

Madras Agriculture Journal

Good morning, sir, I am sending you our manuscript entitled “**Preliminary studies on use of Botanical Extracts as an Eco-Friendly Approach to Manage Pests of Rice in Karaikal, U.T. of Puducherry”** by **K. NISHANTHINI AND M. KANDIBANE** research paper for consideration for publication in **Madras Agriculture Journal**. Considering the importance of ecofriendly approaches to manage the pests, the experiment was designed to determine effect of botanical extracts against the major pests of rice.

In the evaluation, Gall midge, (*O. oryzae*)*,* among the botanical treatments, garlic and chilli extract at 5 per cent recorded the per cent reduction of 21.95 per cent. Case worm (*P. stagnalis*) garlic and chilli extract recorded the per cent reduction of 41.99 per cent. Green leafhopper (*N. virescens*) and brown planthopper (*N. lugens*)population by five leaf extract with reduction of 44.04 and 50.19 per cent compared to the untreated check.

Readers of the journal would be interested in this ethnobotany work. Because our findings could be applied in the agriculture right away, they are likely to be of great interest to the vision scientists, researchers, and agriculturists especially in crop protection field who read your journal.

We confirm that this manuscript has not been published elsewhere and is not under consideration by another journal.

All authors have approved the manuscript and agree with its submission.

Thank you for receiving our manuscript and considering it for review. We appreciate your time and look forward to your response.

With my best regards,Sincerely yours,

K. Nishanthini