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To
The Editor,
Sir,

Date: 11.12.2025

I request that the following message may kindly be published in your esteemed daily:

**TNAU received Patent for Nano parapheromone formulation for the control of
Melon fly in cucurbits**

The Controller of Patents at the Patent Office in Chennai has granted a process patent to Tamil Nadu Agricultural University for the invention of “Nano parapheromone formulation for the control of Melon fly and preparation method thereof”. The patent is invented by Dr. M. Kannan, Professor (Agricultural Entomology), Centre for Plant Protection Studies, Department of Agricultural Entomology, TNAU, Coimbatore. The Intellectual Property Management Cell at the Department of Agricultural Economics, Centre for Agricultural and Rural Development Studies (CARDS), TNAU, Coimbatore has facilitated the patent filing.

Nano parapheromone formulation contains an advanced formulation in which the cue lure is impregnated in to nano mesoporous carrier system for slow release. The nano formulation lure enhance trap catches of male cucurbits fruit flies (*Zeugodacus cucurbitae*) with extended field duration. Suggested operation is place the lure inside the trap and install in the field during flowering stage of the cucurbits. Avoid placing the trap direct to sunlight. The recommendation for monitoring is 10 lures/ ha and mass trapping is 25 lures/ha. Change the lure in the traps once in 100 days to capture the fruit flies.

Public Relations Officer