

ONE PAGE NOTE ON IPM IN JASMINE

ICAR-NRIIPM, New Delhi sponsored project on “Development of Integrated Pest Management (IPM) module for sustainable production of Gundu Malligai (Jasmine, *Jasminum sambac*) is in operation at the Department of Agricultural Entomology, Agricultural College and Research Institute, Madurai for the period from August 2025 to March 2028 under the supervision of Project Director, Dr.Raman Thangavelu, Director, ICAR-NRIIPM, New Delhi and the Project Co-ordinator, Dr.M.Shanthi, Director, Centre for Plant Protection Studies, Tamil Nadu Agricultural University, Coimbatore in collaboration with Department of Horticulture, Madurai District. The main objective of the project is to develop, validate and refine Integrated Pest Management module against important pests of Jasmine and Promotion of IPM module in larger area by including biological control agents (*Pseudomonas*, *Bacillus*, *Trichoderma*), beneficial microbes (*Azospirillum*, *Phosphobacteria*, VAM, Potash solubilizing bacteria, Zinc solubilizing bacteria, Silica solubilizing bacteria), botanicals (Neem oil 1000 ppm) and eco friendly insecticides. Under this project, 40 progressive organic jasmine growers were identified in two villages viz., Eliyarpatti (Tiruparamkunram block) and Nakkalapatti (Usilampatti block) to lay out IPM demonstrations in an area of 20 acres (0.5 acre per farmer). These farmers were given proper training on usage various biocontrol agents, beneficial microbes, botanicals and need based application of insecticides when the pest population reach Economic Threshold Level (ETL). All the inputs required for conducting IPM demonstrations during the year 2025-26 were purchased from NRIIPM, New Delhi, TNAU, Coimbatore and Pesticide firms and they were distributed to the jasmine farmers of both the villages. The observations on soil health, plant health and pest and diseases are being made by the Technical Assistant posted in this project under the supervision of Principal Investigators from TNAU and NRIIPM, New Delhi.



