

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011054171 A

(19) INDIA

(22) Date of filing of Application :12/12/2020

(43) Publication Date : 18/12/2020

(54) Title of the invention : MOSQUITO LARVA ADULT 2 IN 1 REARING JAR

(51) International classification	:A01K 67/033 A01M 1/10 A23K 50/90	(71)Name of Applicant : <b>1)Dr. Neetu Kachhwaha</b> Address of Applicant :D/O Kailash Chandra Sankhla Kan Singh Bhati Colony,Near Satellite Hospital, Nayapura Jodhpur Rajasthan India
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)Dr. Neetu Kachhwaha</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is a mosquito adult larva rearing apparatus designed to culture either adult to larvae or larva to adult or both by maintaining the optimum conditions in the laboratory. The adults collected from the field or laboratory cultures can be released into the upper adult rearing chamber so that they can find a suitable breeding place to oviposit (laying of eggs) in a lower larva rearing chamber containing stagnant water. Similarly, the collected eggs or larvae can be dropped into the lower larva rearing chamber containing an aqueous medium where they can undergo metamorphosis (1st, IIrd, IIIrd & IVth instar larva/ wriggler) and reach the adult stage via passing through the pupal stage (tumbler). This unique and sole device provides multiple spaces to rear all the stages (egg, larva, pupa, adult) of mosquitoes in the laboratory to carry out various research experiments. In brief, the present invention of the device is an appropriate, cost-effective, portable, lightweight, independent entity that can be handled by a single person.

No. of Pages : 16 No. of Claims : 8