

Preparation of low cost trap

- Take used plastic water bottle (1L). Make 3 or 4 windows of 1 inch size with a knife at 3 inches from top of the bottle
- Hang the lure inside the trap and place it in the field at least 3-4 feet above the ground level



Trap from used plastic water bottle

Usage or recommendation of cue lure

- Around 10-12 lures / acre is recommended
- The pheromone trap should be placed from onset of flowering to harvest of the crop
- The lure need to be replaced once in 30-40 days
- The trap should be serviced at 15 days interval

Popularisation of pheromone technology

ICAR-CCARI with assistance from NABARD conducted awareness training programme and field demonstration on use of pheromone traps for cucurbit fruit fly management in various parts of Goa. In this project hands on training on trap preparation, placement, servicing, lure replacement and other integrated pest management approaches were given to the farmers. In addition traps were supplied to the farmers.



Training and demonstration on use of cue lure pheromone traps



Distribution of cue lure pheromone traps

Feedback

Based on the feedback from farmers, the pheromone technology is very effective in managing fruit fly in cucurbits and easy to adopt the pheromone technology.

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Pheromone technology for the management of cucurbit fruit fly *Bactrocera cucurbitae*



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