



DOST Mosquito Ovicidal/ Larvicidal (OL) Trap

The Mosquito Ovicidal/Larvicidal Trap or Mosquito OL Trap is a system used to control the population of the dengue-carrying *Aedes* mosquitoes. The Mosquito OL-Trap has three important parts: a black container, a small strip of lawanit measuring 1" x 5" (like an ice drop stick) for mosquitoes to lay their eggs on, and a larvicide solution to kill the mosquito larvae that will hatch in the strip of wood and in the solution.

How does the Mosquito OL Trap work?

What makes the OL-Trap work is the solution. Its scent invites female mosquitoes to the trap where they lay eggs on the stick and on the solution itself. The stick, moistened by the solution through capillary action, is highly attractive for mosquitoes to lay eggs on. As the eggs and the hatched larvae (also called "wigglers") get exposed to the solution, they die. The OL-Trap's ovicidal and larvicidal effect prevent the next generation of mosquitoes from reaching adulthood, thus curbing the *Aedes* mosquito population.



m **OL-TRAP** **squito**



DEPARTMENT OF SCIENCE AND TECHNOLOGY
IN PARTNERSHIP WITH THE DEPARTMENT OF HEALTH

STOP DENGUE NOW!

www.oltrap.dost.gov.ph

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For more details, please contact DOST-ITDI at 837-2071 loc. 2182; DOST-PCHRD at 837-2071 local 2010 or email at nea@dost.gov.ph/jcmontoya@pchrd.dost.gov.ph



Step 1



Pour tap water into the black plastic cup until the lined mark just above the printed DOST logo. This volume is equivalent to 250 milliliters (ml).

Lagyan ng tubig ang itim na baso hanggang sa umabot sa nakamarkang guhit sa taas ng logo ng DOST. Ang dami ng tubig ay katumbas ng 250 milliliter (ml).

Step 2

Pour one pack of OL pellets into the plastic cup.

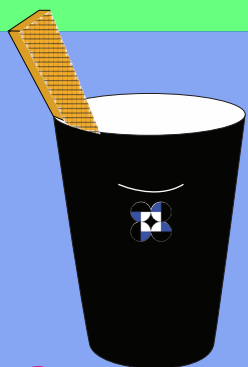
Maglagay ng isang pakete ng OL pellet sa itim na baso



Step 3

Place the lawanit stick in the solution with the rough surface facing up.

Ilagay ang stik ng lawanit sa loob ng baso na may lamang solusyon. Tiyaking nasa ibabaw ang magaspang na parte ng stik.



Step 4

Place the plastic cup inside and outside the house in a low-lying area. If placed outside, it should be protected from the sun and rainfall. Take care not to spill the contents of the cup. Keep out of reach of children and animals.

Ilagay ang itim na baso sa lugar na hindi ma-aarawan o mababasa ng ulan sa labas ng bahay. Huwag itong hayaang matapon o mapaglaruan ng mga bata at mga hayop.



Step 5



6-7 Days

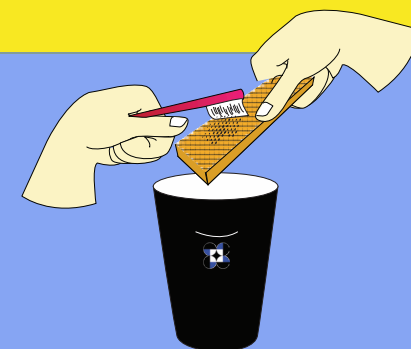
Let the cup stand for six to seven (6-7) days.

Iwanan ang itim na baso sa loob ng anim hanggang pito (6-7) na araw.

Step 6

After six days, gently brush off into the solution the mosquito eggs stuck on the lawanit strip. A used toothbrush will do the trick, but make sure that all the mosquito eggs drop into the solution.

Pagkaraan ng anim na araw, marahang kuskusin papunta sa solusyon ang mga itlog ng lamok na dumikit sa piraso ng lawanit. Maaaring gumamit ng lumang sipilyo ngunit siguraduhin lamang na ang mga itlog ay mahuhulog sa solusyon.



Step 7

Dispose all the liquid contents of the cup on dry ground.

Itapon ang laman ng itim na baso sa tuyong lupa.

Step 8

Repeat steps 1 to 7 weekly.

Ulitin ang mga hakbang 1-7 lingu-lingo.