

RESIDENT-DRIVEN MOSQUITO CONTROL PROGRAM

What you need to know

- The two most common mosquitos are the Asian Tiger Mosquito (daytime biter) and the Northern House Mosquito (evening and night biter).
- The life-cycles of these mosquitos are on the order of 7-10 days (less when the weather is hot).
- These mosquitos require small pockets of standing water for larval habitat. Sources include:



Containers



Wheel Barrows



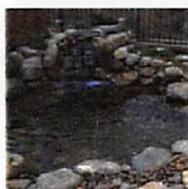
Pools/Toys



Folds in Tarps



Planter Saucers



Ponds



Birdbaths



Gutters



Downspout Outfalls



Rain barrels

- The day-biting invasive Asian tiger mosquitoes have short flight ranges (less than 200 meters) so if you and your neighbors can eliminate larval habitat in your yards, you can significantly reduce local nuisance.

What you can do

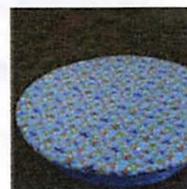
- Eliminate Larval Habitat



Upend or cover open containers



Store wheel barrows upside down



Drain and store upended or under cover



Eliminate folds in tarps or store under cover



Drain planter saucers every few days



Stock ponds with fish or use mosquito dunks



Drain birdbaths every few days.



Clean gutters before mosquito season



Cover hoses with screening/stockings



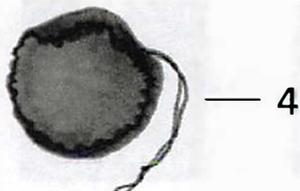
Close all openings and add Mosquito Dunks

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Research has shown that deployment of traps that kill females looking for places to lay their eggs in a very large proportion of yards in a community can reduce the number of urban *Aedes* mosquitoes by over 90%. The mass deployment of oviposition traps also reduces the risk of exposure to mosquito-borne pathogens.

Instructions for deployment of a GAT = Gravid Aedes Trap

There are 4 components of a GAT (1) the bucket; (2) the transparent dome; (3) the entrance funnel; (4) the net. You will also need a mosquito dunk with Bti (5) and canola oil (6).

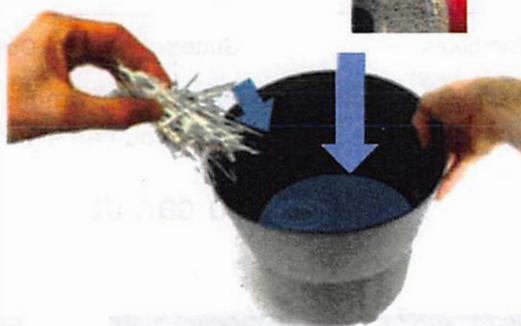


To deploy a GAT follow 5 easy steps:

5

6

(A) Add water to the black bucket (~1/2 gallon); add grass blades; add 1/4 bti dunk (to kill any larvae hatched from eggs that may fall in the water).



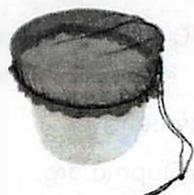
B



(B) Apply canola oil on the inside of the transparent dome.



Then (C) cover the dome with the net.



C

(D) Place the covered dome inside the bucket facing down and (E) add the entrance tube.



Place one GAT in your backyard and another in your front yard in humid areas away from direct sunlight. But do not hide them.

Check them often, replace dunk and reapply oil monthly at least.

Remove/treat other water containers.



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