



**Nature-Cide®**

# IPM GUIDELINES

for Greener approach to  
**MOSQUITO CONTROL**



# IPM FOR MOSQUITO CONTROL

- 1** Remove Mosquito breeding areas and harborage
- 2** Use Structural modification
- 3** Control larval stage of mosquitos
- 4** Control Adult stage of mosquitos



## 1 Remove Harborage:

- Mosquitos require water for two stages of their life cycle. Removing any standing water is one of the most important means for controlling a mosquito population.
- Remove any accumulated water from: Yard toys, old bottles, gutters, plant pots, old tires, debris in yards, garbage cans and place where at least a thimble size amount or more is present.
- Refresh water by emptying and then replace with fresh water: Bird baths, fountains, wading pools, potted plant trays at least once a week.
- Maintain proper chlorine levels in swimming pools.



## 2 Structural Modification:

- Protect your home so that mosquitos cannot enter. Aedes mosquitos frequently bite indoors. Using certain structural modifications will aid in the reduction of mosquitos gaining access to indoor living areas.
- Keep doors closed and make sure screens are in good conditions with no tears or holes. Replace or repair any holes in window screens.
- Cover baby carriers and bedding with mosquito proof netting.
- Nets are very important for protecting sick people from biting mosquitos, which could transmit disease to other people.



### 3 Control Larval Stage of Mosquitos:

- There are many EPA registered materials to control mosquitos at the Larval Stages (Egg, larva, pupa) During these stages, mosquitos are concentrated and immobile. They are found in large groups and accessible for a proper larvicide treatment.
- IPM treatment for larval stage: Introduce fish to ponds such as top feeding minnows, install aeration to eliminate surface water tension.
- EPA registered larvicides, Surface film reducer MMF, IGR (Insect Growth Regulators)



## 4 Control Adult Mosquitos:

- Using a 25(b) exempt product falls in line with an IPM approach to controlling mosquitos. Nature-Cide Pest Management X2 can be combined with an IGR such as Tekko Pro and applied using mist blowers, power sprayers and backpack sprayers to ensure the product covers large areas of vegetation growth where mosquitos breed and find harborages. Nature-Cide Pest Management X2 can also be applied near water without harming beneficial fish.
- Over the past 50 years, the EPA has evaluated aerial spraying techniques. Ultra-low volume you used to apply mosquito adulticides. These insecticides are called naled, using 80 microns or less produces thousands of droplet sized particles that could fit into something as small as pea. Utilizing naled material means less pesticides and is better for people and the environment.
- There are many mosquito adulticides available for the licensed professional to use for residential and commercial applications.



## WHO ELSE USES NATURE-CIDE?

Nature-Cide products are used in various settings around the world including Organic Cultivation, Hotels, School Districts, Hospitals, Food Plants, Restaurants, Farms, Government Facilities, Public Transportation, Zoos and Amusement Parks.



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