

**Skeeter Control is a mosquito biological control agent. Skeeter control has a primary control function on mosquito larvae in bodies of water. Skeeter Control has a high mortality rate on larvae within 48 hours when applied correctly. Applications are accomplished using aerial sprayers or misters to the bodies of water where mosquitos lay their eggs.**

## **SAFETY & ENVIRONMENTAL INFO**

**Skeeter control formulation utilizes Entomopathogenic nematodes as its primary active ingredient. This specific formulation and its symbiotic bacterium are proven environmentally safe, when used as directed, biological control agents and are harmless (non-toxic) to waterways, and mammals. If material comes in contact with eyes, it may cause mild irritation. All applications of pesticides to waterways require utilizing proper land management practices; applicators should work to prevent Skeeter Control from entering any public or private water supplies (including wells). Due to Skeeter Controls' unique formulation, GROPRO has seen no adverse ecological problems regarding contamination of groundwater, chemical carryover in water or soil, or issues with any pollinator.**

## **MODE OF ACTION**

**Skeeter Control utilizes a unique formulation containing a specialized in vitro juvenile nematode that works by searching out mosquito larvae. Once mosquito larvae are located, immediate infection is initiated as the juvenile nematodes enter the larvae through numerous small openings on the larvae body. Once inside the larvae, the juveniles' nematodes instantly release a symbiotic bacteria into the larvae bloodstream. Once inside the blood, septicemia initiates and kills their insect hosts, this complete process happens within 48 hours after infection. The microscopic nematodes populate and feed on the ever-multiplying bacteria created; once these newly established nematodes reach a juvenile state inside the larvae, they will then emerge from the host larvae remains to then seek a new larva host. Unlike most biological pesticides that are available that can require multiple days or even weeks to kill and reduce larvae populations, Skeeters specialized formulation of symbiotic nematodes and bacteria can kill insect larvae within 24-48 hours.**

## **PESTS TARGETED**

**Due to our specialized nematodes, Skeeter Control works on all small Culicidae insect larvae. These insects are recognized as the leading carriers of multiple diseases. They can be found in numerous geographical locations and overwinter near bodies of stagnant water. Culicidae feeds on plants but is commonly considered to be parasites, feeding with a stylet on human and animal blood to obtain the necessary proteins that enable females to produce eggs. By targeting the larvae and reducing the ability of the larvae to develop into adults, Skeeter Control reduces the overall adults, therefore reducing environmental vector issues.**