

MOSQUITOES



Female *Culex* Mosquito

Behavior

- Depending on species, most activity takes place from dusk to dawn (*Culex*) or morning to afternoon (*Aedes*)
- Often seek shelter in enclosed spaces like garages, sheds, and under or inside homes to survive cold temperatures
- Lay their eggs in standing water

Habitat (Where to Treat)

- Live outdoors and may come indoors, but are susceptible to air conditioning
- Rest in tall grass, weeds, and brush near inhabited locations
- Larva develop in storm drains, catch basins, pools, birdbaths, clogged rain gutters, septic seepage, artificial containers and sites that hold stagnant water

Damage/Risks

- Most famous for malaria, mosquitoes are also vectors of other diseases such as dengue fever, yellow fever, chikungunya, West Nile and the Zika virus



Treatment:

Altosid® products

Active Ingredient: (S)-Methoprene

- Altosid® Pro-G
- Altosid® Liquid Larvicide Mosquito Growth Regulator (A.L.L.)
- Altosid® Briquets (30-day, PCO Pack)
- Altosid® XR Extended Residual Briquets (150-day)



Essentria® products

Active Ingredients: Rosemary Oil, Geraniol, Sodium Lauryl Sulfate, Clove Oil, Cornmint Oil, Cinnamon Oil

- Essentria® IC-Pro
- Essentria® Contact Spray
- Essentria® Mosquito & Tick Concentrate



BITE DOWN

Your Professional Guide for Controlling Mosquito Populations



Achieve lasting mosquito control with a proven combination of Zoëcon® products. Successful mosquito management requires interrupting the mosquito life cycle. Using these products as part of an IPM program will help reduce nuisance populations and protect against disease-carrying vectors such as the *Culex quinquefasciatus*, that can transmit St. Louis encephalitis, Western equine encephalitis, and West Nile virus.

***Culex quinquefasciatus* data:**

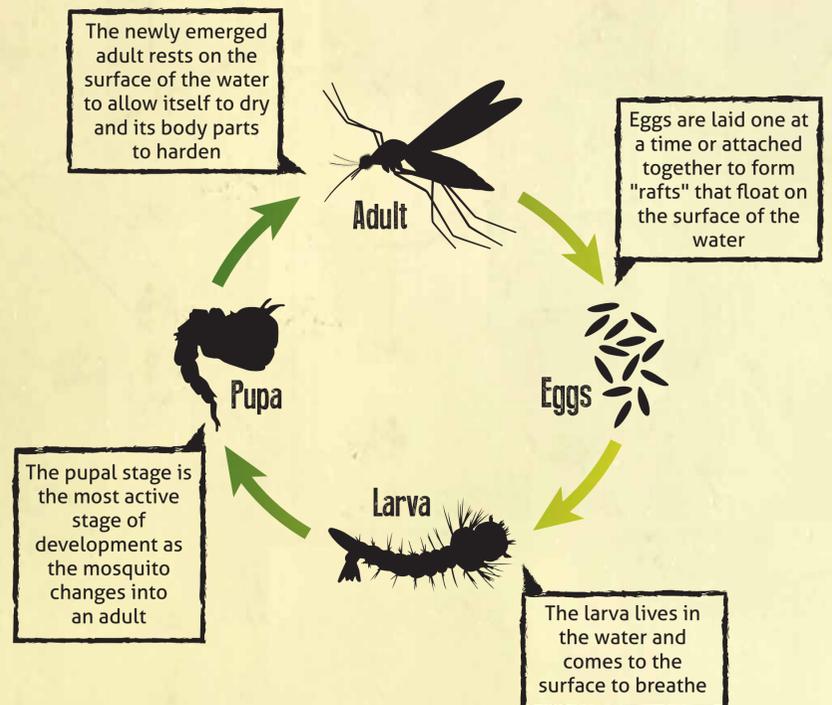
Size: Approximately 3.96 to 4.25 millimeters long

Color: Brown, with a darker proboscis, thorax, wings, and tarsi, and a lighter brown head and center.

Other distinct features: The abdomen has pale, narrow, rounded bands that take on a half-moon shape.

Life Cycle

- Mosquitoes go through four separate and distinct stages of life cycle: Egg, Larva, Pupa, and Adult
- How long each stage lasts depends on temperature and species



SUSTAINED MOSQUITO CONTROL

You can feel comfortable using Altosid® products in your clients' backyards, patios, and open spaces. A leader in larvicides, Altosid® products are used by major mosquito abatement districts, the military, and international organizations. The active ingredient, (S)-Methoprene, has an excellent LD₅₀ profile resulting in low environmental impact with no bioaccumulation. It is an insect growth regulator that prevents adult emergence by suspending mosquito development at the pupal stage, leading to death due to age or predation.

The Essentria® product line is formulated with plant-based active ingredients—including rosemary oil, peppermint oil, geraniol, clove oil, and thyme oil. These botanically based insecticides (or 25b Exempt) offer an approach to pest control for the environmentally conscious consumer with little to no risk to humans or the environment.



Contact your Zoëcon sales rep to receive our Essentria® and Premise Control family brochures. For more information on all of our insect control products, visit Zoecon.com