

Eliminate places where mosquitoes lay eggs:

- **Dump and drain** all standing water around your home **every 5 days**.
- **Discard** or **store inside** all unused containers, cans, buckets, or old tires.
- **Remove** all water dishes/plant saucers from beneath potted plants.
- **Dispose** of trash and **recycle** un-used containers.
- **Clean out** rain gutters and lawn drains to ensure water does not collect.
- **Seal** rain barrels to prevent mosquitoes from entering and laying eggs.
- **Empty** bird baths and small fountains and scrub them to remove the eggs weekly.
- **Treat** large containers that cannot be emptied with an insecticide that targets mosquito larvae



Use this Checklist:

- | | |
|--|---|
| <input type="checkbox"/> Flower pots/saucers | <input type="checkbox"/> Cups, caps, bottles |
| <input type="checkbox"/> Kids toys and pools | <input type="checkbox"/> Lids of containers |
| <input type="checkbox"/> Tarps | <input type="checkbox"/> Glass containers |
| <input type="checkbox"/> Boats/kayaks | <input type="checkbox"/> Corrugated pipe |
| <input type="checkbox"/> Buckets | <input type="checkbox"/> Air conditioning units |
| <input type="checkbox"/> Coolers/pots/pans | <input type="checkbox"/> Lawn equipment |
| <input type="checkbox"/> Construction sites | <input type="checkbox"/> Tree holes |
| <input type="checkbox"/> Old appliances | <input type="checkbox"/> (fill with sand) |
| <input type="checkbox"/> Pet bowls | <input type="checkbox"/> Basketball base |
| <input type="checkbox"/> Wheelbarrows | <input type="checkbox"/> Containers under |
| <input type="checkbox"/> Metal containers | <input type="checkbox"/> decks and shrubs |
| <input type="checkbox"/> Trash/recycle bins | |
| <input type="checkbox"/> Watering cans | |
| <input type="checkbox"/> Truck beds/vehicles | |



Photo courtesy of Susan Ellis, Bugwood.org

Mosquito control starts at home.
Talk to your neighbors about eliminating all water-holding containers.



Harnett County Health Department

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“TIP and TOSS”

Easy steps to reduce mosquitoes and protect yourself from bites



ASIAN TIGER MOSQUITO
(*Aedes albopictus*)

Standing water + 7 days = Mosquitoes



Harnett County Health Department

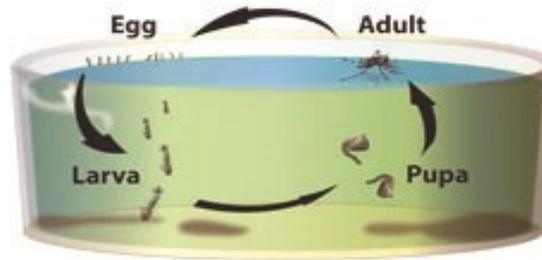
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The **Asian Tiger Mosquito** (*Aedes albopictus*) is an aggressive biting mosquito that was brought to the United States during the 1980's in used truck tires shipped from Japan. Now it is found as far north as New York and in the south and southeastern United States, including **North Carolina**.

Asian Tiger Mosquito:

- They can transmit diseases such as West Nile virus, Zika virus, Chikungunya, and Dengue fever to humans; and heartworm to pets.
- It actively bites during the day, mostly in the early morning or late afternoon (before sunset).
- It lays eggs on the sides of man-made containers and in tree holes close to homes and businesses.
- Their eggs are not harmed by dry or cold weather and hatch when eggs are flooded in warmer months.
- They can be found around from late April through early November.
- It does not fly far and is most likely to be found close to its breeding place.
- It is a weak flyer (typically bites below the waist).
- It is a very small mosquito, measuring about 1/8 inch long.
- It has black and white stripes on its body and legs. There is a single white stripe down the center of its head and back. These stripes give it the name "tiger" mosquito.

Mosquito Life Cycle



- They need very little water to complete their life cycle (**only 1/8" of water**). Even small containers can produce hundreds of larvae.
- It takes **7-10 days** to go from egg to adult.
- One female mosquito can lay up to 500 eggs in its lifetime.
- The average life expectancy of an adult mosquito is about 3 weeks.
- It does not fly far, usually less than 500 feet. Therefore, if you have this mosquito, most likely it is coming from containers nearby.

The best control strategy to battle the tiger mosquito is **"TIP and TOSS"** all containers holding water around the house.

What if I am unable to "Tip and Toss"?

Mosquito briquettes or **"dunks"** can be used in areas where "tip and toss" methods are not possible. It is important to follow the directions outlined on the briquette or dunk

Personal Protection

- Apply insect repellents that contain an EPA registered active ingredient such as DEET, Picaridin, Oil of lemon eucalyptus, and IR3535 which may prevent bites from mosquitoes and other biting insects. Follow label directions.
- Stay inside when mosquitoes are most active, usually at dawn and dusk. However, the Asian tiger mosquito is a day biter and is usually active in the early morning and late afternoon.
- Wear light-colored clothes that cover your arms and legs, especially when you have to be outside when mosquitoes are active.
- Keep mosquitoes from entering your home. Make sure screens/doors are repaired and are tight fitting and use air conditioning if you have it.



By dumping the larvae from containers **every 5 days**, you will drastically reduce the adult Asian tiger mosquito population (mosquito larvae cannot survive out of water).