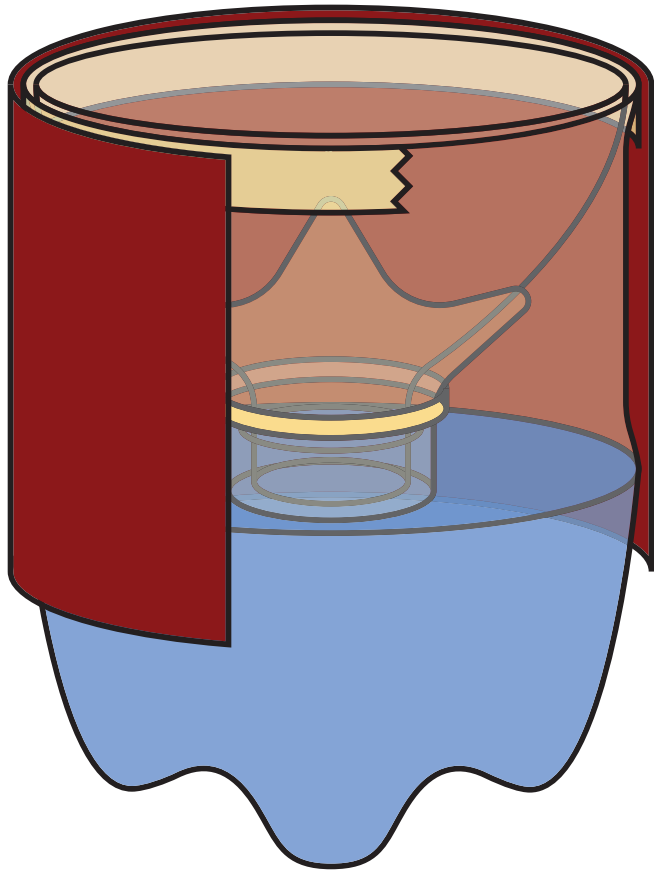


Build a Mosquito Larvae Trap

Materials

- clear plastic bottle
- netting
- rubber band
- tape
- scissors or craft knife
- dark paper or fabric
- water
- a few small rocks



What does the trap do?

Container-breeding mosquitoes lay their eggs in standing water that collects in plant pots, water storage jars, cisterns, buckets, and even trash! This trap tricks mosquitoes into laying their eggs in a container that the larvae can't escape. You can then report the larvae using the GLOBE Observer app.

Remember, this trap isn't for trapping adult mosquitoes. But you should still protect yourself from bites by wearing long sleeves and applying effective insect repellent.

Building the Trap

1. Cut the top off of the bottle using scissors or a craft knife. Put a few small rocks in the bottom to keep the trap in place.
2. Use the rubber band to attach the netting to the mouth of the bottle.
3. Invert the top and tape it to the bottom.
4. Fill the trap with water until the water is right below the netting.
5. Wrap with dark paper or fabric.

Using the Trap

1. Put the trap in a protected place outside.
2. Check the trap every few days.
3. If there are adult mosquitoes in the trap, shake gently to drown them.
4. Share your observations using the GLOBE Observer app. Select Larvae/Adult Trap as the habitat type.



Download the GLOBE Observer app to share your observations with a global community of citizen scientists.

Download on the
App Store

GET IT ON
Google Play

observer.globe.gov

Check Your Trap on a Regular Basis

It is important to check your mosquito larvae trap regularly. While the netting helps to keep any adults that develop from flying out, you won't be able to identify the larvae if they aren't larvae anymore!

Scientists want to know the environmental conditions associated with mosquito breeding. By checking the trap at least twice a week, you can help study when mosquitoes begin to appear.

I will check the trap on:

Check two or more.

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Date	I saw...	The weather has been...
4/22	<input checked="" type="checkbox"/> Eggs <input checked="" type="checkbox"/> Larvae <input type="checkbox"/> Pupae <input type="checkbox"/> Adults	Warm and Sunny. Evening Showers.
	<input type="checkbox"/> Eggs <input type="checkbox"/> Larvae <input type="checkbox"/> Pupae <input type="checkbox"/> Adults	
	<input type="checkbox"/> Eggs <input type="checkbox"/> Larvae <input type="checkbox"/> Pupae <input type="checkbox"/> Adults	
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Do More

Experiment by placing two or more traps in different locations or by adding grass clippings, yeast, or rice water to the bottle.