



An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine

NETVEC IRELAND MOSQUITO SAMPLING



What do you need to collect mosquito larvae?

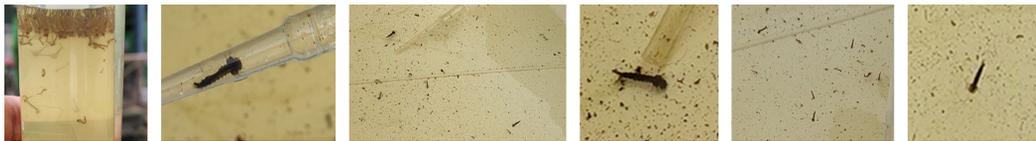
- | | | | |
|--|--|-----------------------------------|-----------------------------------|
| Small container (e.g. cup, yogurt container, jug, etc.) | Tray (Tupperware, sandwich box, etc.) | Plastic pipette (supplied) | Recording sheet (supplied) |
|--|--|-----------------------------------|-----------------------------------|

Procedure

- Look for a stagnant waterbody (e.g. bucket with rain water, puddle, ditch, old tires, artificial water features)



- Collect water from the surface into the tray.
- Place the tray on a white background (if necessary).
- Wait for the water to settle.
- Look for mosquito larvae. They are dark brown to black in colour and vary in size between 0.5 to 1.5 cm. Their wriggling comma-shaped swimming movement is characteristic. At rest they usually hang upside-down near the surface of the water. When they detect danger, they rapidly swim away from the light towards the bottom of the water body



- Collect larvae with a pipette (if needed, cut 0.5 cm off the tip) and place them in the sealable container.
- Repeat the process until you have collected as many larvae as possible (approx. 20 larvae).
- Fill out the recording sheet (GPS coordinates if available or EIRcode and a description of the waterbody).
- Store the sample at 4°C and contact us.

Contact details

- Annetta Zintl: annetta.zintl@ucd.ie
- Angela Valcarcel: angela.valcarcelolmeda@ucdconnect.ie
- Thomas Curran: Thomas.Curran@wit.ie

Links



QR to NetVec Ireland website

- Resources
 - Mosquitoes
 - Trapping equipment and protocol
 - Video
 - Recording sheet