



UNITED ARAB EMIRATES
MINISTRY OF CLIMATE CHANGE
& ENVIRONMENT

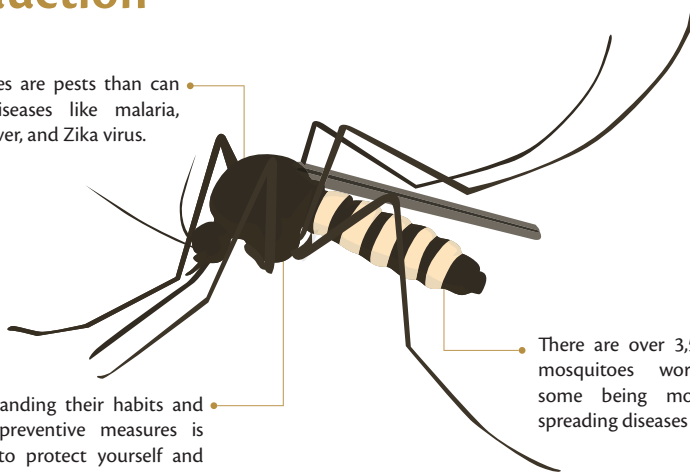
MOSQUITO PREVENTION GUIDE



Introduction

Mosquitoes are pests that can spread diseases like malaria, dengue fever, and Zika virus.

Understanding their habits and taking preventive measures is crucial to protect yourself and your community.



There are over 3,500 species of mosquitoes worldwide, with some being more adept at spreading diseases than others.

Mosquitoes tend to gather in areas that offer conducive conditions for breeding, feeding, and resting. Here are some common places where mosquitoes are often found:



Stagnant Water

Mosquitoes lay their eggs in stagnant or slow-moving water. Common breeding sites include:

- Ponds and water features
- Swamps and wetlands
- Bird baths and pet water dishes
- Clogged gutters and storm drains
- Flower pots and plant saucers
- Abandoned tires and containers
- Rain barrels and tarps that collect water



Vegetation and Bushes

Adult mosquitoes often rest in cool, shaded areas during the day. They can be found in:

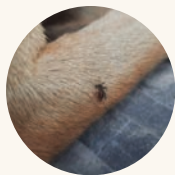
- Dense shrubs and tall grasses
- Bushes and hedges
- Gardens and flower beds
- Under tree canopies



Humid and Shaded Areas

Mosquitoes prefer humid environments that protect them from wind and direct sunlight, these include:

- In and around homes, especially in shaded areas
- Under decks and porches
- In sheds and other outbuildings
- Inside garages and basements if there's an access to standing water



Animal Habitats

Mosquitoes are attracted to animals for blood meals. They often gather near:

- Livestock barns and stables
- Kennels and pet sleeping areas
- Wildlife habitats



Urban Areas

Even in urban settings, mosquitoes can find suitable environments, such as:

- Construction sites with standing water
- Poorly maintained swimming pools
- Parks and green spaces with water features

In order to prevent mosquito infestation, eliminate standing water, thoroughly clean and maintain the yards, and use mosquito repellents and barriers where necessary.

Prevention Measures

How to Eliminate Breeding Sites

Mosquitoes breed in standing water, you need to:



Empty containers from sitting water



Repair leaky pipes and ensure proper drainage to prevent water from pooling in and around your home.



Clean areas where rainwater accumulates and monitoring water ponds



Dispose of trash and recyclables properly to prevent water from accumulating in containers.



Cover water storage



Plant certain types of plants that repel mosquitoes, such as basil



Do not over water plants to make sure water does not accumulate in the planter.



Use mosquito dunks or larvicides in water bodies that cannot be drained to prevent mosquito larvae from developing.



Keep grass and vegetation trimmed to reduce resting areas for mosquitoes.



Maintain swimming pools regularly to prevent them from becoming breeding grounds for mosquitoes.



Use mosquito traps or devices that attract and capture mosquitoes to reduce their population in your immediate area.

How to Protect Yourself



Sleeping under mosquito nets, especially in areas with high mosquito activity, can prevent bites and disease transmission.



Limit outdoor activities during peak mosquito activity times, such as early morning and evening.



Install screens on windows and doors to keep mosquitoes out of your home while allowing airflow

How to Support



Advocate for and participate in community mosquito control programs. Support the National Mosquito Control Program.



Spread awareness about the importance of mosquito prevention measures and encourage others to take action in their communities.

Conclusion

By understanding mosquito behavior and implementing preventive measures at both individual and community levels, we can effectively reduce the spread of mosquito-borne diseases and protect public health.

Overview of the "Anti-Mosquito Campaign"

The Ministry of Climate Change and Environment launched the first phase of the "Anti-Mosquito Campaign" in February 2022 in coordination with the National Emergency, Crisis and Disaster Management Authority (NCEMA), and other local authorities in the UAE, including municipalities in different emirates. Presently the third phase of the campaign is underway which is scheduled to continue until May 2025.

The campaign is aimed at eradicating breeding grounds of mosquitoes, curb mosquito proliferation

in different parts of the country, and raise awareness among community members and the private sector regarding mosquito control efforts. Additionally, it aims to promote best practices and behaviours to achieve these objectives.

The Ministry of Health and Prevention (MOHAP) along with the Emirates Health Services (EHS), are entrusted with the task of nationwide awareness campaigns on mosquito-borne diseases and their proper management.

Q&A



Who is responsible for implementing the Anti-Mosquito Campaign in the UAE?

The Ministry of Climate Change and Environment (MOCCAE) launched the Anti-Mosquito in February 2022 and is currently executing the third phase of the campaign in coordination with the National Emergency, Crisis, and Disaster Management Authority in collaboration with relevant authorities in the UAE, including municipalities in different emirates.

Additionally, the Ministry of Health and Prevention and the Emirates Health Services are tasked with raising awareness about mosquito-borne diseases and their management at the national level.



What is the "Anti-Mosquito Campaign" and what are its objectives?

The "Anti-Mosquito Campaign" commenced its first phase in February 2022, the third phase of the campaign, which is currently underway, is scheduled until May 2025. The campaign aims to eradicate mosquito breeding sites, curb their proliferation nationwide, raise awareness among the community and private sector about mosquito control efforts, and advocate best practices and behaviours that bolster this endeavour.



How will the Ministry of Climate Change and Environment raise public awareness about mosquito control?

The Ministry will regularly share essential preventive measures that the public can adopt to combat mosquitoes and help minimise their spread. This will be achieved through recurring posts on the Ministry's social media platforms, as well as through media interviews and radio broadcasts during the third phase of the campaign.



What is the contact number that the public can call for assistance or inquiries to help control the spread of mosquitoes?

The Ministry of Climate Change and Environment encourages community members and partners to cooperate with local authorities in combating mosquitoes and reporting sightings by contacting



Which locations are targeted for mosquito control?

The targeted sites for surveillance and control efforts are spread across the UAE, encompassing construction sites, investment projects, horse stables, schools, farms, labour camps, parks, recreational areas, residential neighbourhoods, racecourses, and wetlands resulting from water accumulation.