

Bio
Traptor
Bio-Smart Mosquito Predator



User Manual

<https://www.biotraptor.com>

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SCAN QR CODE
FOR DETAILED USER INSTRUCTION VIDEO



Congratulations!!!

Dear Customer,

For decades, we have been fighting against mosquito-borne diseases by using toxic chemicals as a means of control. However, despite our best efforts, we have often fallen short in effectively addressing this global challenge. The environmental impact and potential health risks associated with these chemical repellents have raised concerns, prompting the need for a more sustainable and eco-friendly solution.

We at NeoFysis Biotech, are delighted to inform you that we have made a humble beginning on this incredible journey to replace toxic chemical repellents with a revolutionary biological control device called Bio Traptor. The goal of our startup is to revolutionize mosquito control methods and provide a safer, environmentally friendly alternative.

By choosing Bio Traptor, you have become part of a movement towards a healthier and more eco-friendly approach to mosquito control. We firmly believe that your decision to embrace Bio Traptor will not only safeguard you and your loved ones against toxic chemicals but also contribute to the preservation of our delicate ecosystem.

We value your trust in our product and want you to know that we are continuously working to enhance its performance and expand its capabilities. Our team of experts is dedicated to providing you with exceptional customer service, addressing any questions or concerns you may have along the way.

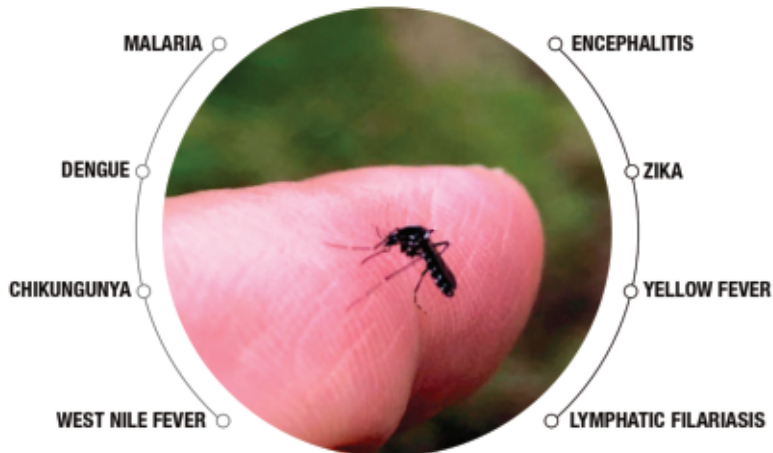
Once again, we express our gratitude for selecting Bio Traptor as your mosquito control solution. Together, let us take a step towards a future free from harmful chemicals and mosquito-borne diseases. We are thrilled to have you join us on this journey. Kindly Email your queries or your valuable feedbacks to biotraptor@neofysis.com.

Thank you

PK Faisal
Founder /CEO,
NeoFysis Biotech Private Limited,
(A Startup India Venture)

Know Your Predator

*As per WHO 2020



**7 Lakh
Deaths**

**22 Lakh
Infected**

Close to **seven lakh deaths and twenty-two lakh infections are caused** due to mosquito borne diseases like Dengue, Malaria, Zika, Encephalitis, Chikungunya, Yellow fever, West Nile Fever, Lymphatic Filariasis etc.

Mosquito Feeding Behaviour



Only female mosquitoes bite us because they need blood to develop their eggs, as blood contains nutrients for egg development.



Male mosquitoes do not bite us because they feed only on flower nectar and plant sap.

Why Chemical Repellents Are Failing



Just like bacteria are developing resistance to antibiotics due to their misuse, similarly mosquitoes are also developing resistance to the insecticides used in popular mosquito repellents.

Long-term Effects of Chemical Repellents

ASTHMA



HEADACHES & NEUROLOGICAL DISEASES



AUTO-IMMUNE DISEASES



Apart from mosquitoes developing resistance to chemical repellents, their continuous use **affects our health and the environment.**

How Mosquitoes Track Us

Female mosquitoes use their highly specialised sensory receptors to track down their potential blood meal host. They utilize a combination of smell, visual, thermal, and tactical cues.

20 cms

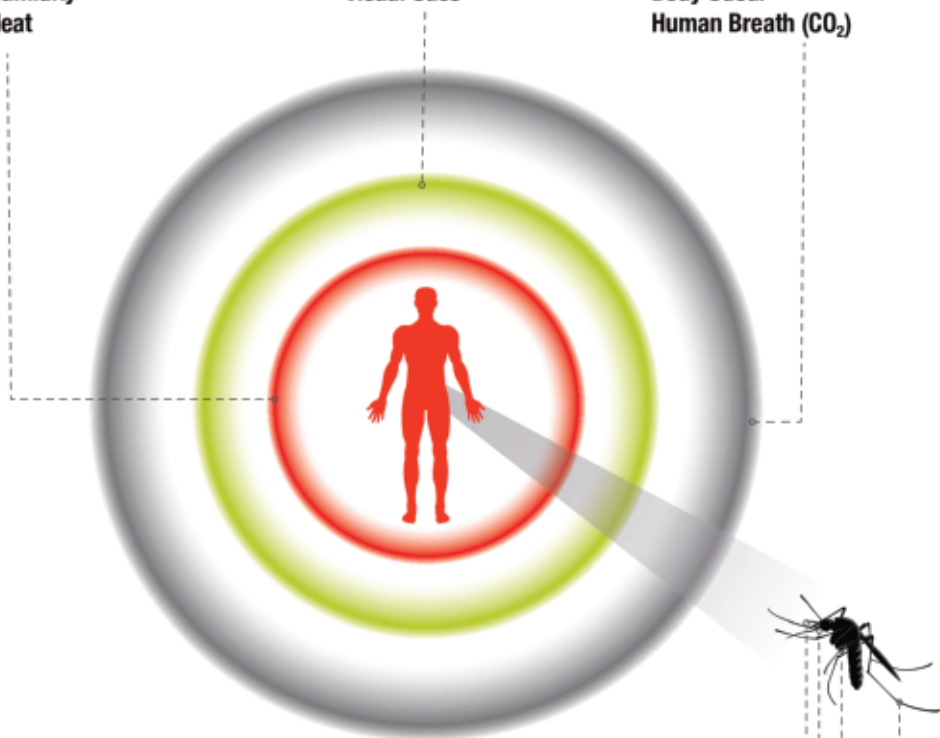
Humidity
Heat

5 - 10 meters

Visual Cues

10 - 50 meters

Body Odour
Human Breath (CO₂)



Mosquito Sensors

Smell sensors

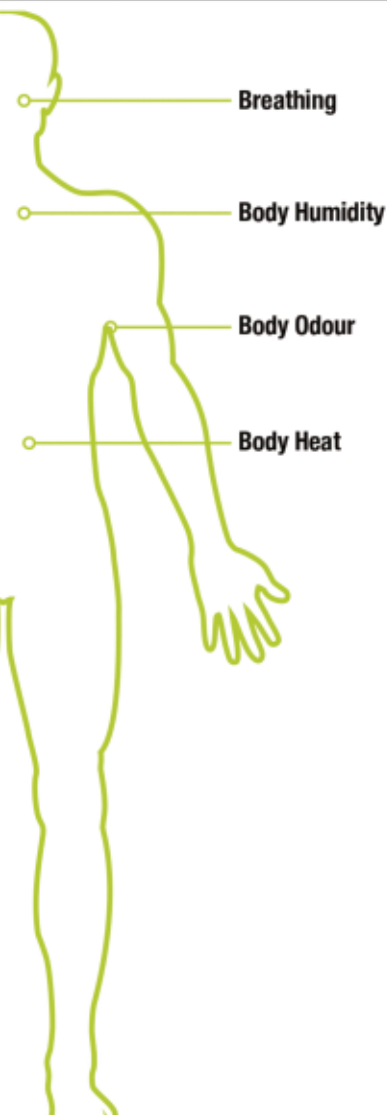
Vision sensors

Heat sensors

Touch sensors

How Bio-Traptor Works

Female mosquitoes are highly attracted to our body odour, body heat, and breathing. Bio-Traptor takes advantage of this natural behaviour of mosquitoes and smartly bio-mimics all these attractants.



Catch Booster

Mimics human body odour and humidity. Add catch booster to the pheromone chamber after removing outer cover.

Thermal Chamber

Mimics human body heat.

Entry Chamber

Mimics human breathing and sucks mosquitoes into the trap.

Trap Bowl

Trapped mosquitoes are killed by dehydration.



Description of the main parts of the device



1. Catch booster chamber cap
2. Device body
3. Trap Bowl
4. 12V DC Power adaptor
5. 10 Catch Booster Sachet (free Sample)

Using The Device

Fig. 4.0

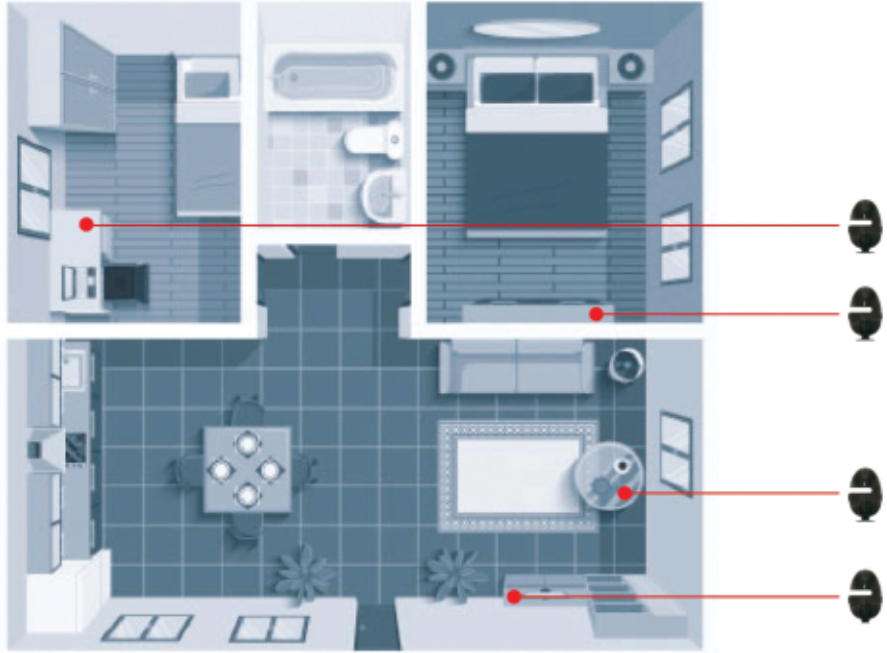


Fig 4.0 above suggests ideal placement of Bio Traptor at your home for optimum and effective functioning. The effective range of Bio Traptor is 35ft x 35ft (around 1,000 Sq feet)

Placement in the bedroom

- Place the device at least 3 feet above the ground and towards your leg side of the bed.
- Do not place it at ground level.
- Do not place the device very near your body (mosquitoes attracted towards the device may bite you). Ideally the device should be 6 feet away from you.



- **Bio Traptor works best in the dark.**
- **Ensure the ambient lights are turned off** when running the Bio-Traptor. Mosquitoes will tend to move to you if visible.
- The “Cool Blumoon” night light feature in the device helps mosquitoes to navigate towards the device, hence operating the device in the dark helps to lure mosquitoes effectively into the trap entry chamber.



Operate the device for at least 8 hours during the night. Trapped mosquitoes take time to dehydrate.



Do not open the device trap bowl while the device is in operation, mosquitoes not dehydrated will escape.



Catch Boosters

The Irresistible Aroma For Mosquitoes



Scientifically crafted to “Pull” disease causing mosquitoes into Bio-Traptor.

How Catch Boosters Work

Mosquitoes have a remarkable ability to detect and track us from very far away and our body odor plays a vital role in this process. When we sweat, our bodies release a complex mixture of organic compounds. These organic compounds create a unique odor profile that mosquitoes can detect us.

Our scientific team has bio-hacked some of these organic volatile molecules that mosquitoes love and invented an organic jelly bag that mimics our body odor and humidity. This organic jelly bag is called "Catch Boosters"(PATENTED). Catch Boosters are 100% safe, it contains water and organic molecules which are naturally occurring in our body and environment.

Tips On Using Catch Boosters

- Peel outer envelope and place the jelly bag onto the pheromone chamber of the device as shown in the product usage guideline (page 7, Fig 1.0 & Fig 1.1)
- Use one Catch Booster bag daily. In case there are too many mosquitoes you can use two bags.
- Dispose the dehydrated bags next day morning. You can dispose the bags as a kitchen waste.
- Always store the unused Catch Boosters in an air tight container.

To Reorder Your Catch Boosters
www.BioTraptor.com

GENERAL NOTES

- The device invoice is the one-year free repair warranty certificate for your Bio Traptor.
- Please read through the user instruction manual before using the Bio-Traptor.
- **Bio-Traptor is a class 3 and is designed for non-professional use by private individuals at home. It can be used by adults and children (*under supervision of an adult when in use*).**
- Before cleaning the device disconnect the power supply from the mains.
- Do not change the device power supply cable with any other. A change in rating of the power supply could damage the electronics or result in non- performance of the device.
- Please ensure the device is placed at least 3ft above ground level for optimum performance.
- Device operates best in a dim or dark environment, as mosquitoes are active more at night.
- In case of any technical assistance regarding the functioning, always contact the customer care centre for support.
- Do not try to open the device, tamper with the cables or attempt to repair, change any settings of the device without technical support.
- For more information, visit <https://www.biotraptor.com/>
- **CUSTOMER SUPPORT**

E-Mail - biotraptor@neofysis.com

Telephone - 080 4709 6296 (9:30 a.m. to 5:30 p.m. Monday to Friday)



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Bio Traptor Terms & Conditions

Please read these Terms and Conditions carefully before using the smart electronic mosquito device ("the Device"). These Terms and Conditions govern your use of the Device and the associated services provided by the manufacturer or seller. By using the Device, you agree to be bound by these Terms and Conditions.

Warranty

- 1.1 The Device comes with a one-year free repair warranty ("the Warranty") from the date of purchase.
- 1.2 The Warranty covers defects in materials and workmanship during the normal use of the Device.
- 1.3 The Warranty does not cover damages resulting from improper use, accident, negligence, unauthorized modification, or any other cause not arising from defects in materials or workmanship.
- 1.4 The Warranty is valid only for the original purchaser and is non-transferable.
- 1.5 In the event of a warranty claim, the purchaser must provide the original proof of purchase and any other documentation requested by the manufacturer or seller.

Repair Process

- 2.1 If the Device becomes defective within the Warranty period, the purchaser must contact the manufacturer or seller to initiate the repair process.
- 2.2 The manufacturer or seller will provide instructions on how to return the defective Device for repair.
- 2.3 The purchaser is responsible for the shipping costs associated with returning the Device for repair, unless otherwise specified by the manufacturer or seller.
- 2.4 The manufacturer or seller will repair or replace the defective Device at their discretion.
- 2.5 The repaired or replaced Device will be covered by the remaining duration of the original Warranty.

Limitations of Liability

- 3.1 The manufacturer or seller shall not be liable for any indirect, incidental, special, consequential, or punitive damages arising from the use of the Device, including but not limited to loss of profits, data, or use, even if advised of the possibility of such damages.
- 3.2 The maximum liability of the manufacturer or seller, under any circumstances, shall be limited to the purchase price of the Device.
- 3.3 The manufacturer or seller makes no warranties, express or implied, regarding the Device, except those expressly stated in these Terms and Conditions.

General

- 4.1 These Terms and Conditions constitute the entire agreement between the purchaser and the manufacturer or seller regarding the Device and supersede any prior agreements or understandings.
- 4.2 The manufacturer or seller reserves the right to modify or terminate the Warranty or these Terms and Conditions at any time, without prior notice.
- 4.3 These Terms and Conditions shall be governed by and construed in accordance with the laws of the jurisdiction where the manufacturer or seller is based.
- 4.4 Any dispute arising from or relating to these Terms and Conditions shall be subject to the exclusive jurisdiction of the courts in the jurisdiction where the manufacturer or seller is based.

By using the Device, you acknowledge that you have read, understood, and agreed to these Terms and Conditions.

Coming Soon!

All Weather Outdoor Unit



“Reclaim Your Garden”

Bio
Traptor
OUTDOOR

MANUFACTURED & MARKETING BY

NEOFYSIS BIOTECH PRIVATE LIMITED

No.135/7, Bilwardahalli, Jigani Hobli, Anekal Taluk, Bengaluru,

Karnataka, India - 560 083 | Email: biotraptor@neofysis.com | 📞 080 4709 6296

<https://www.biotraptor.com>

