

## USER MANUAL

### A WORLD-FIRST IN HUMANE RODENT MANAGEMENT

For the first time in the world, a patented, precision-engineered rat management system that uses Rat Semiochemicals Attraction Technology (RSAT) and Cellulose Matrix Entrapment Technology (CMET). RSAT involves curated semiochemicals pheromone and kairomone semiochemical technology combined with natural aroma-lipid blends is entrapped in a CMET Lure, working with an advanced, non-toxic trapping platform.

This product is developed in line with AIHTS (Agreement on International Humane Trapping Standards). It complies with internationally accepted humane trapping and handling protocols, as recognized in the EU, Canada, and Russia. This ensures the product is suitable and approved for use both domestically and globally.

This innovative product contains no poisons, no hazardous chemicals, no lethal mechanisms that could harm rats, people, pets, or the environment. Instead, it is designed to attract rats naturally by using their own sensory cues, such as smell and behavior triggers. Once attracted, the rats are gently immobilized on a specially formulated adhesive platform. This platform has been carefully developed to provide safe, humane, and stress-minimised restraint—ensuring effective rat management while upholding the highest standards of animal welfare.

Engineered with human safety, environmental protection, and ethical animal handling as core principles, the trap provides a clean, reusable, and maintenance-friendly solution—ideal for sensitive spaces such as food storage facilities, healthcare institutions, homes, and other environments where chemical-free pest control is essential.

### WHY THIS PRODUCT IS NEEDED?

Rats like small mice to big rats (bandicoots rats) cause catastrophic economic damage to households, farms, food storage units, warehouses, and even modern infrastructure. Their damages include:

- **Food Contamination:** Rat droppings and urine can spoil entire batches of stored or processed food, especially in food industries and warehouses.
- **Structural Damage:** Rats gnaw through electrical wiring, cables, plastic pipelines, furniture, and insulation—leading to fire hazards, water leakage, and recurring repair costs.
- **Health Hazards:** Rats are known carriers of over 35 diseases, including leptospirosis, hantavirus, salmonella, and plague, endangering families, children, livestock, and workers.
- **Crop Losses:** Rats consume and contaminate up to 15–20% of stored grains, causing severe income loss for farmers.

### THE URGENCY OF RAT MANAGEMENT

Conventional rat control methods—like poisons and snap traps—not only risk secondary poisoning of pets and humans but are also ineffective over time due to development of resistance to poisons, avoidance behavior to mechanical traps, rapid breeding cycles that outpace conventional control measures. This makes intelligent trapping, targeting rat psychology and behavior, the only sustainable option for long-term rodent management.

### HOW BARRIX BYEBYE RAT TRAP SOLVES THE PROBLEM?

Barrix ByeBye Rat Trap is a patented Rat Capture Device employs the following technologies:

- A Bevelled-edged anti glint tray to have minimum distortion in attraction.
- A Chrono-Semiotic Lure developed with RSA Technology, which blends pheromone, kairomone, and natural aroma lipids to mimic natural food cues and social signals that attract rats into the trap. Using CME Technology, these semio-chemical signals are released gradually, ensuring the attraction remains active and the trapping effect continues effectively for a long duration.
- A TRIBO Adhesive gum that ensures reversible entrapment by locking all limbs and the body.

Once the rat enters the trap, it stays caught until you let it go. By regularly using the trap and releasing rats far away in a humane way (not by killing), their numbers around your home or farm go down naturally.

### THIS PACK CONTAINS



**Tray - 1 Unit**  
 Base platform for adhesive & lure



**Glue pouch - 1 Unit**  
 Special adhesive to restrain the rat

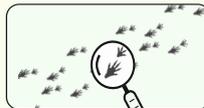


**Lure - 1 Unit**  
 Pheromone + Kairomone Semiochemical Lure

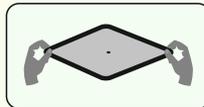


**User Manual**  
 Instructions for safe & effective use

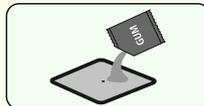
**STEP 1** Identify spots with rat droppings, gnaw marks, or tracks.



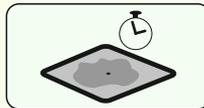
**STEP 2** Place the trap on the identified location on a flat surface



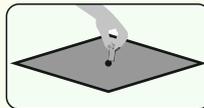
**STEP 3** Cut the pouch and transfer gum onto the tray trap.



**STEP 4** Spread the gum evenly inside the tray.



**STEP 5** Cut the lure pouch and place the lure at the center of the tray trap.



**STEP 6** Place the trap correctly

- Always place the trap on an flat surface.
- Position it along rat runways indoors or in other infested areas for best results.
- If the tray is slanted, the adhesive will slowly flow out, this will make the trap inefficient and user will incur loss.
- When the tray is kept flat and in good condition, the gum and lure inside continue working effectively without extra cost, lasting for up to 2 years, when handled and maintained properly as directed in this user manual.

#### Ground Placement Logic

- The trap must always be placed directly on a flat, horizontal ground surface.
- Do not place the tray by putting stones, bricks, or supports to “make it look horizontal.”
- Rats while walking lift their legs very low (low leg lift height); even a small gap or raised edge lets them pass under or along the wall without stepping inside..
- If raised above ground level, catches drops and it may seem the trap is not working. Therefore avoid tilting, propping or raising the tray.

#### Important Safety Note

If rats and non target species or children, pets, or other animals also pass in the same area. This means there is a chance they may get stuck to the gum. To reduce this risk:

- Place the tray in a less accessible area for children and pets.
- If required, fence the tray area with a simple barrier or guard that allows rats to enter but blocks others.

**STEP 7** Check the tray regularly (every 8-10 hours)

This is the most important step because it ensures the trap works well and all animals are handled in a safe and humane way. When checking the trap, follow these guidelines:

- Each time a rat is caught, some gum sticks to its body, thereby the gum quantity get reduces in the tray.
- More catches mean faster gum depletion; once gum is low, the trap loses its catching efficiency and must be replaced with a new trap set.
- If the tray looks shiny, non-sticky surface or if gum looks dull, patchy, dry, or reduced, the trap will not catch effectively and must be replaced with a new trap set.
- If the tray is tilted, adhesive may flow out, wasting gum and making the trap ineffective.
- If the lure gets displaced reposition to the center of the tray

When there are catches, follow these protocols:

#### 1. Rat release protocol (safe way)

##### A. Prepare Yourself

- Put on disposable gloves and a mask before handling the tray.
- Keep a small bottle of cooking oil, soap, and sanitiser nearby.

##### 2. Remove the Rat Safely

- Support the rat's body while gently peeling it off the adhesive.

- The adhesive is designed for slow, gentle release to avoid injury.
  - Never pull harshly, as this may harm the animal.
3. Choose the Right Release Location
    - Always take the rat 1–2 km away from your property.
    - Select a natural area (fallow land, wooded patch, or uncultivated field).
    - Make sure the chosen spot is away from houses, pets, livestock, and food storage areas.
  4. Pick the Best Time
    - Release the rat during low-activity daylight hours (Early morning or late afternoon).
    - This reduces the chance of predators attacking immediately.
  5. Personal Safety After Release
    - Dispose of gloves and mask properly.
    - Wash hands with soap and water immediately.
    - Sanitise before touching food, face, or surfaces.
    - If gum sticks to skin or clothes:
      - † Rub cooking oil on the spot.
      - † Wash off with soap and water.
  6. Compliance Assurance
 

By following the above procedure to release the rat from the trap, the entire process remains compliant with the Animal Welfare Board of India (AWBI) Guidelines, the Prevention of Cruelty to Animals Act, 1960, and any applicable state laws or facility-specific SOPs (e.g., FSSAI, HACCP, ISO 22000).

## 2. Pet safety protocol (safe way)

Our trap is designed to be safe and humane, but in rare cases, a pet may come into contact with the adhesive. If this happens, follow these steps immediately to ensure the animal's safety and comfort:

1. Stay calm and reassure the pet:
  - Speak softly and avoid sudden movements.
  - Do not panic, the adhesive is non-toxic and can be removed safely.
2. Wear gloves and mask to protect yourself from scratches, bites, or bacteria exposure.
3. Remove the pet from the adhesive:
  - Identify the fur, paws, or skin areas that are stuck.
  - Apply a generous amount of edible cooking oil (coconut, sunflower, or vegetable oil) to the contact areas.
  - Slowly peel the pet's fur or skin away from the trap - never pull forcefully.
  - Reapply oil as needed to prevent discomfort.
4. Clean and comfort the pet:
  - After removal, wash the affected area with pet-safe shampoo and lukewarm water.
  - Towel-dry and keep the pet warm and calm.
5. Check for injuries:
  - Look for redness, swelling, missing fur, or cuts.
  - If there are injuries or signs of distress, take the pet to a veterinarian immediately.

## 3. Non-target species safety protocol

Our trap is designed to be species-specific for rats, but in rare cases, small non-target animals such as birds, reptiles, amphibians, or beneficial small mammals may come into contact with the adhesive. If this happens, follow these humane steps immediately:

1. Stay calm and approach quietly:
  - Move slowly, avoid sudden movements, or loud noise that could cause panic and injury.
2. Wear gloves and mask to protect yourself from scratches, bites, or bacteria exposure.
3. If the animal is moving or struggling, gently restrain it with a soft cloth or towel to prevent injury.
4. Remove the animal from the adhesive:
  - Identify the areas of feathers, scales, skin, or fur that are stuck.
  - Apply a generous amount of edible oil (coconut, sunflower, or vegetable) directly on contact points.
  - Release the animal by slow peeling—do not pull forcefully.
  - Continue applying oil as needed to ensure a smooth release.
5. Provide initial care:
  - For birds: Gently wipe excess oil off feathers, but do not bathe immediately—contact a wildlife rehabilitator for cleaning instructions.
  - For reptiles/amphibians: Lightly wipe excess oil with a damp cloth.
  - For mammals: Wash with mild, species-safe shampoo if safe to do so.
6. Release or seek help:
  - If the animal is uninjured, release it immediately in a safe location far from traps and hazards.
  - If injured, exhausted, or showing abnormal behaviour, contact a licensed wildlife rehabilitator, forest department, or veterinarian for assistance.

**STEP 8**

If there is no rat catches for a week, relocate the trap to another suspected entry point.

**HOW LONG THE TRAP WORKS ?**

- Lure Life** - The pheromone – kairomone inside the lure is encapsulated and diffuses slowly. It continuously releases semio-chemical signals that attract rats up to 24 months. No re-luring is required during this period.
- Adhesive Life** - The gum in the tray remains effective as long as the tray is kept on a flat and even surface, not on a slant surface. If the tray tilts, the gum may flow out gradually, reducing its stickiness and effectiveness.
- Service Life** - Under normal conditions, the trap works continuously for up to 2 years. However, frequent catches shorten its life because each capture removes some adhesive. Heat, dust, or poor hygiene can also reduce the effective duration.

**USAGE GUIDANCE:**

- Each trap is designed to perform optimally when placed at suspected rat entry points - corners, behind storage units, near walls or food stock areas.
- For mild to moderate infestation with single entry points of rats, 1 trap per entry point is sufficient.
- In case of heavy infestation or large premises or multiple entry points, additional traps may be placed at active movement ones or multiple entry areas.
- Placing traps randomly or in excess does not improve the catch rate.
- Inspect regularly and reposition traps only if new activity signs appear (fresh droppings, rub marks, gnawing, active runways).

**HOW TO KEEP IT EFFECTIVE?**

- Effect of Repeated Catches**
  - With every catch, a little adhesive comes off with the rat.
    - + More catches = faster gum depletion.
  - Once the adhesive level is too low, replace with a new trap set.
- When to Replace the Tray**
  - If the tray is bent, damaged, or warped.
  - If the gum surface looks dry, dusty, patchy, or reduced.
  - Rats are not making full contact with the gum anymore.
- Self-Check Method**
  - During the 8–10 hour inspections, shine a light on the gum surface.
    - + If it looks smooth and shiny, the trap is still good.
    - + If it looks dull, uneven, or shows gum loss, replace with a new trap set.

**CAUTION****General Safety:**

- Mandatory: Check the tray every 8–10 hours to keep the trap effective and ensure safe animal handling.
- Place only where rats are active. Avoid locations that expose children, pets, or non-target animals.
- Do not place trap in areas where people walk, such as door ways or pathways, to avoid slipping or obstruction.
- Avoid placing traps inside machines, near moving parts, electrical panels, or open flames.
- Do not use poisons or chemical baits in combination with the trap. The system is designed to be non toxic and effective without harmful additives.

**Environmental Conditions:**

- Do not expose traps to direct sunlight, rain, or water accumulation, as heat and moisture can reduce adhesive and lure effectiveness.
- Avoid dusty or windy areas where particles can settle on the adhesive surface and reduce its stickiness.
- Install traps on flat, stable surfaces to prevent tilting or sliding when rats step on them.

**Hygiene and handling:**

- Always wear gloves while handling or disposing of traps to avoid contact with adhesive or contaminants.
- Do not touch the adhesive with the bare hands.
- Do not place the trap near food preparation or storage areas to maintain hygiene and prevent cross contamination.
- If adhesive contacts skin or eyes, apply any vegetable or mineral oil, massage gently, and wash with soap and water.

**Disposal & Hygiene Instructions:**

- Dispose of caught rats hygienically — follow the procedure mentioned in Step 7.
- Do not throw the trap in open fields; instead, hand it over to an local waste recycler for proper disposal.
- Do not discard the lure in the field; bury it under the soil or burn it safely away from crops and water sources.
- After removing used traps, wash your hands thoroughly with soap and water, even if gloves were worn.

**WARNING AND SAFETY INFORMATION**

- Do not allow children to touch or play with the tray; accidental sticking or injury may occur. Do not place the trap in areas accessible to pets, as they may get stuck or injured.
- Do not consume the lure or gum. It contains polyisobutene, which is non-poisonous but not edible. Accidental



ingestion may cause nausea, vomiting, stomach irritation, or temporary diarrhea. If swallowed, rinse mouth thoroughly, drink water, and seek medical advice immediately.

- Do not handle trapped rats with bare hands. They may carry zoonotic diseases (diseases transmitted from animals to humans). Always wear gloves and a mask while handling traps or caught rats to prevent infection.
- Do not ignore non-target animals such as birds, lizards, or pets if they get stuck. Release them promptly and safely. If adhesive weakens after such incidents, replace the trap immediately to maintain effectiveness.
- Do not place the tray on tilted or uneven surfaces. Adhesive may flow out, reducing trapping strength. If adhesive flows out, tray breaks, or gum becomes depleted due to repeated catches, replace it with a new trap set.
- Do not neglect inspection. Improper use of the product may cause performance issues. Inspect regularly to ensure adhesive strength, placement stability, and animal safety.
- Do not misuse the product. If it is not used exactly as directed, effective catching may not occur. If unintended catches happen, the company will not be responsible for such incidents. Users who do not follow instructions assume full responsibility for any misuse, accidents, or losses.

## REGULATION NOTICE

Engineered to restrain animals without injury or death; the specialised adhesive allows trapped animals to be lifted and freed easily following a necessary period of observation.

This product complies with local municipal solid waste management norms for disposal of damaged trays.

The humane (safe way) capture device complies with Section 11 of the Prevention of Cruelty to Animals Act, 1960 (as amended) Welfare-based design and compliance dated 1st Aug 2021 and 2nd Nov 2021 and adheres to the ethical guidelines issued by the Animal Welfare Board of India (AWBI) for humane handling.

For international markets, the trap has been designed to meet or exceed the standards outlined in the Agreement on International Humane Trapping Standards (AIHTS), applicable in the EU, Canada, and Russia.



## DISCLAIMER

Buying and using this product signifies your acceptance of all risks. The manufacturer, distributor, and seller are not liable for any loss, injury, illness, damage to reputation and goodwill, or property damage arising from use, misuse, or failure to follow directions. This product is designed and intended for managing rat menace in compliance with local laws and regulations; users must use this product in line with all applicable animal welfare laws and avoid causing undue pain, injury, or suffering.



## WHO NEEDS THIS PRODUCT?

WAREHOUSES &  
FOOD INDUSTRIES



To comply with hygiene & pest control regulations

OFFICES, HOTELS &  
RESTAURANTS



For visible hygiene & safe rat control

HOMES &  
APARTMENTS



To prevent night time rodent invasions

HOSPITALS &  
SCHOOLS



To ensure safe, poison-free environments

TEMPLES &  
PUBLIC PLACES



Where rodent infestation is chronic & large-scale

FARMS &  
AGRICULTURE



To safeguard harvests, grains, & irrigation systems

## WHERE TO USE THIS PRODUCT?

**1. COMMERCIAL & INSTITUTIONAL SPACES:** Ideal for compliance with hygiene and pest control regulations in public-facing or operational areas:

Area	Sub-Areas
Warehouses & Storage Units	In corners, along walls, near signs of rodent activity
Restaurants / Food Stalls	In kitchens, storage rooms, behind appliances, near entry points
Grocery Stores / Supermarkets	Near walls, in corners, near potential entry points
Office Buildings	In storage rooms, basements, utility rooms, near entry points
Hospitals & Schools	In storage areas, kitchens, or utility spaces where hygiene is critical
Temples, Godowns & Railway Stations	In chronic infestation areas
Trash / Dumpster Areas	Close to waste areas, while monitoring to avoid unintended catches
Parks / Public Spaces	Well-hidden locations, regularly checked to prevent harm to non-target species

**2. DOMESTIC SPACES:** For preventing rat entry and activity in homes, apartments, and personal spaces:

Area	Sub-Areas
Kitchens	Behind appliances, inside cabinets, near potential entry points
Garages	Near walls, corners, or potential entry points

Basements	Along walls, near potential entry points, in cluttered areas
Attics	Near entry points, along rat paths
Behind Furniture	In secluded spaces and potential rat paths
Residential Buildings	In basements, utility rooms, common areas that might attract rats
Under Cars/Car Sheds	Underneath vehicles or near to the car or inside the corners of the car sheds

**3. AGRICULTURAL & OUTDOOR USES:** For protecting crops, livestock areas, and farm infrastructure:

Area	Sub-Areas
Barns/Outbuildings	Along walls, near food storage areas
Barns/Stables	In corners, along walls, near areas where feed is stored
Grain Silos/Storage Units	Around the base of structures or inside near entry points
Crop Fields	Along field edges, near burrow entrances
Greenhouses (Agriculture)	Along the walls inside structures
Farm Equipment Storage Areas	Near potential hiding spots, along the walls
Fruit Orchards	At the base of trees or along orchard edges
Chicken Coops/Poultry Houses	Inside coops/houses, out of reach of birds
Feed/Compost Bins	Near feed sources, hidden from foot traffic
Garden Sheds/Greenhouses	Along the walls inside these structures
Near Compost Heaps	Hidden from common pathways, close to food sources

**FIELD PERFORMANCE**



**WAREHOUSE**



**HOTEL**



**DISH WASH AREA**



**UTILITY AREA**

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