



RATS / MICE

- Rats and mice are both destructive.
- They infest, eat and contaminate food with their urine, faeces or fur.
- Cause damage to buildings (e.g. gnawing through electricity cables, utility pipes which has resulted in explosions, indoor flooding, fires, equipment malfunctions, power shortages. And in today's high-tech production, rodents are capable of abruptly causing millions of dollars in production loss due to shutdowns of complex computer systems when they gnaw, nest or excrete wastes inside computers and other highly sensitive equipment.
- Carry diseases such as Plague, Trichinosis, Dysentery, Weil's Disease (Leptospirosis) which are highly infectious to humans.

VISIBLE SIGNS

- Droppings
- Holes and nesting sites.
- Smear marks.
- Gnawing marks.
- Footprints in dust.
- Animals themselves, either dead or alive.

CONTROL MEASURES

- Rodent proof buildings.
- Trapping programmes.
- Use of poison
- Remove shelters available to the rats/mice.
- Food supply must not be available.
- Proper storage and disposal of refuse.

MOSQUITOES

- Mosquitoes are hazardous and annoying to humans.
- Breed in fresh water.
- Transmit diseases such as malaria, filariasis, yellow fever, typhus and dengue fever.
- Only the females bite and they must feed on blood before they can develop their eggs.

VISIBLE SIGNS

- Stagnant water in ponds.
- Cisterns, water butts, tins, jars and even knot holes.
- Running water with vegetation.
- The brackish water of salt marshes will attract some species.

CONTROL MEASURES

- Eliminate their breeding sites.
- Spraying of insecticides
- Fumigation.
- Screens across the windows.
- Insect repellent creams.
- Anti-malaria drugs.

COCKROACHES

- Enter and infest buildings.
- Produce odorous secretions.
- Contaminate foods with excreta and vomit.
- Transmitting diseases like gastroenteritis, food poisoning, dysentery, diarrhoea.

VISIBLE SIGNS

- Kitchens, bakeries, restaurants.
- Pantries.
- Cracks and crevices.
- Manholes.
- They are fond of warmth, dampness and darkness.

CONTROL MEASURES

- Sealing off or removing hiding places (cracks, crevices).
- Removing food scraps.
- Application of residual insecticides.
- Good cleaning and housekeeping.

SCORPIONS

- Most of the scorpions that invade the house are relatively non-venomous and their sting is no more poisonous than that of a bee or wasp.
- Found in deserts and homes.
- Active at night and hide during the day.
- In houses, most often found in closets, seldom-used shoes, or folded clothings.

VISIBLE SIGNS

- Nesting under the debris.
- Hiding under the rocks, stones.
- In and around homes.

CONTROL MEASURES

- Remove all debris such as loose boards, rocks, and stacked wood.
- Application of residual insecticides.
- Apply ice-pack to the site of the bite.
- Seek medical advice when bitten.