PEST & PEST CONTROL

BY: DR.MONIKA SAKSENA SOSTTM.JIWAJI UNIVERSITY

PEST CONTROL

Pest control is important for;

- 1.Clean environment.
- 2. Disease free environment.
- 3. To stop the rapid growth of pests.

Pest Management System and its Goals:

- 1. Prevention.
- 2. Suppression.
- 3. Eradication.

TYPES OF PESTS

- · Insects
- · Arthropod's (eight legged)
- · Microbial organism
- Weeds
- · mollusks
- · Cockroach, termites, beetlesh fleas
- · Spiders
- · Bacteria
- · Any plant growing where they are unwanted
- · snails, slugs & ship worms

COCKROACH

- · These are found in kitchens & restaurant.
- Do not require human food & can feed on white wash, hair & books.
- Prevention can be done by hygienic disposal of food & waste & overall cleanliness of the area.
- Eradication : Chlorodecone.(Insecticide)
- · Life span: 4 months or more.



- · They are found in kitchen & dining areas.
- Can be controlled by hygienic storage & disposal of food & waste.
- · Destruction : Baits, Fumigation & Trapping.

SILVERFISH ERADICATION

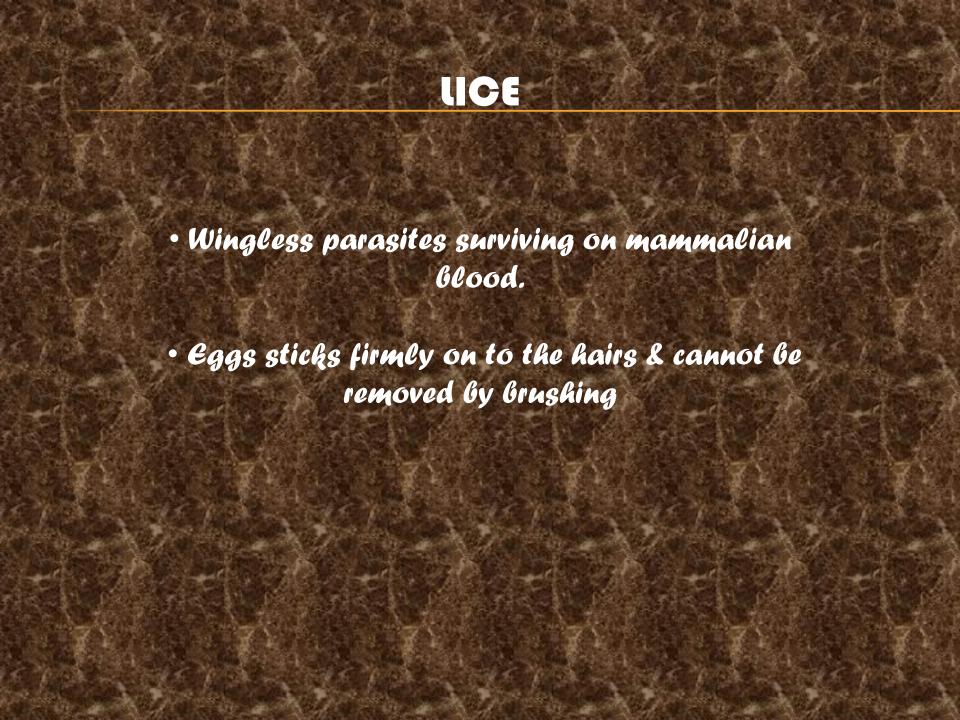
- Its silver grey insect that looks like minute fish without fins
- A dispersion of borax or Boric acid and sugar is a reliable bait to kill. silverfish).
- Adults can be killed by freezing, but it is difficult to kill the eggs.
- To capture silverfish, sprinkle plaster on a wet, white cotton cloth, put it in a corner overnight, near the silverfish's hideout.
- By far the most effective way to be rid of Silverfish for sure is to keep an area or room tidy, limiting the possible number of breeding grounds they have.

HOUSE FLY

- It breeds on human & animal extracts, decaying & fermenting vegetables.
 - It cannot breed in dry materials.
 - Controlling measures: Keeping area clean & installing Electrocutes.



- · They bite their hosts causing irritation..
- ·In humans red itching spots appear on the skin..
- Found in unhygienic conditions & entry to clean places is entirely accidental.

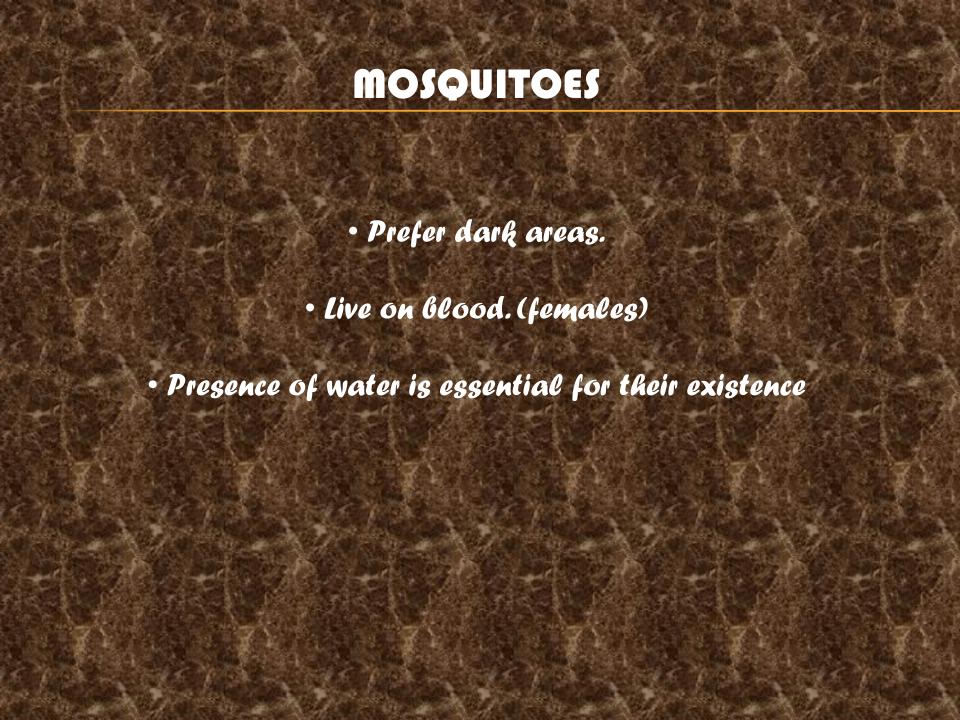




Prefer human blood & can survive for months without food.

kerosene oil containing pyrethrum may be sprayed.

• Hydrocyanic acid gives very good result.



DRY ROT

- · lives on wood.
- · Gives offensive smell.
- Prefers dampness.
- · Effected area cut away & burnt.
- · Sterilized by using blow lamp.



- Decay in timber in damp conditions.
- Causes darkening of wood & breaking into small pieces,
- · Badly decayed wood to be cut out.

INSECTICIDES

- An insecticide is a pesticide used against insects in all developmental forms.
- Insecticides are used in agriculture, medicine, industry and the household.
- Some insecticides have been banned due to the fact that they are persistent toxins which have adverse effects on animals and/or humans.

CONTROL MEASURES:

- Proper drainage
- No stagnant water
- · Screening of buildings
- Mosquito nets (Repellants formula: kerosene oil 1 part, coconut oil 2 parts, Carbolic acid 1%, Citronella oil 1 part)
- Fumigation
 Fumigation -- is a method of pest control that
 completely fills an area with gaseous pesticides to
 suffocate or poison the pests.

