

COCKROACH INFESTATIONS IN MALAYSIA

Sighting of cockroaches can be distressing, as they are associated with filth. They are also carriers of harmful diseases including Salmonellosis, Dysentery and Typhoid.

COCKROACH FACTS

SEEKS SHELTER

Antennae full of sensory structures - extremely effective at finding food, warmth and water

RESILIENT

Hard outer shell protects them from moisture loss - survive weeks without water

SHED SKIN

5-8 times as they mature into adults

SPREAD DISEASES

Move freely from drains and sewers to homes and business premises spreading diseases

LEAVE SMEAR MARKS

Produce brown and irregular shaped smear marks

LEAVE OBNOXIOUS ODOUR

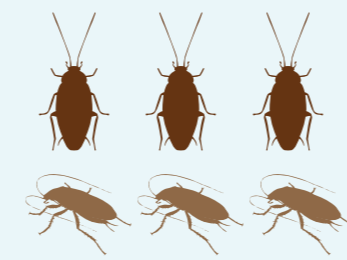
Taint items it comes in contact with - stocks contamination

CARRY ALLERGENS

Trigger asthma or rashes in people

BREED RAPIDLY

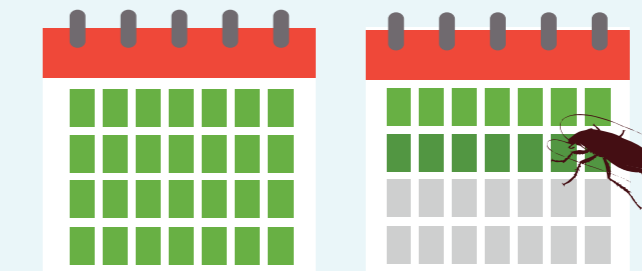
Can carry up to 40 eggs at a time in one ootheca (egg case)



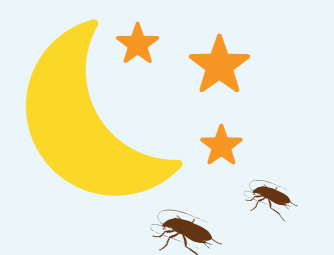
Around **4,000 species** worldwide⁽¹⁾



Been around **300 million years**⁽¹⁾



Takes only **6 weeks** to mature into adult⁽²⁾



Active at night, if seen during the day means there is a heavy infestation⁽³⁾

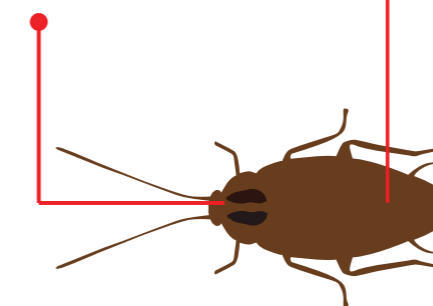
MOST COMMONLY FOUND IN MALAYSIA

German Cockroach

(Blatella germanica)

2 vertical strips on pronotum (back of the neck)

Yellowish brown in colour



10 - 15 mm in length

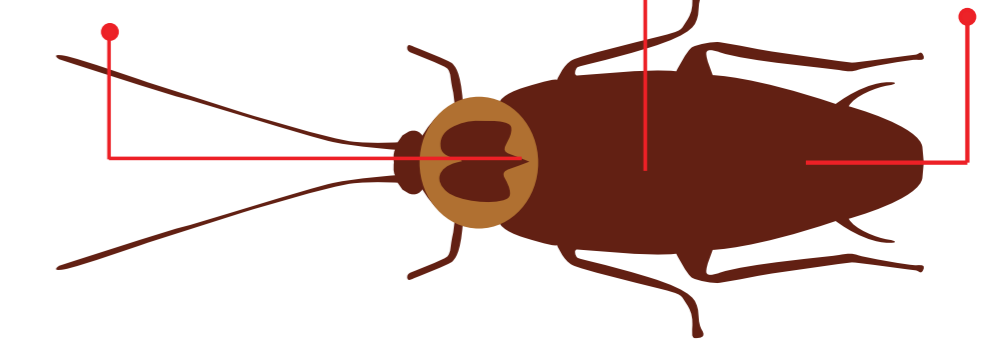
Can produce up to **10,000** offsprings in a year

American Cockroach

(Periplaneta americana)

Area behind head is outlined by a **yellow band**

Shiny, reddish and brown in colour



35 - 40 mm in length

Feeds on almost any kind of foodstuff available, although they prefer starchy and sugary types of food.



DEAD/ WOUNDED COCKROACHES



FATTY FOOD



STARCHY FOOD



FLOUR



MEAT



SUGAR

PREFERRED DIET



PAPER



TEA & BEER



FERMENTING FOOD



BAKED GOODS



DEAD ANIMALS



DEAD/ WOUNDED COCKROACHES



Commonly found in **dark and secluded areas** such as under cupboard or behind refrigerator



Prefer **wet, humid conditions** in **kitchens and bathrooms**

HABITAT



Can be found in **subfloors, basements, kitchens, roof voids and bathrooms**



Live in **dark, humid and undisturbed areas** like septic tank

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Source:

(1) Penn State, College of Agricultural Studies

(2) Clemson University

(3) Colorado State University

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