

GERMAN COCKROACH



ONE & DONE

Your Guide to Knocking Out German Cockroach Populations to Prevent Callbacks



The German cockroach is widely troublesome by occupying buildings, restaurants, food processing facilities, hotels, and institutional establishments such as nursing homes. Species is closely related to and often confused with the Asian cockroach. The Asian cockroach is attracted to light and can fly like a moth, the German cockroach cannot fly.

Size: 1/2 to 5/8 inches long

Color: Light brown

Other distinct features: Wings (but they can't fly), two black lines from the head to the wings, wide and flat body

Life Cycle

- Females produce up to 380 eggs during life
- Produces egg capsule containing up to 48 eggs every 6 weeks
- From egg to reproductive adult in roughly 54 - 215 days dependent upon temperature and humidity.

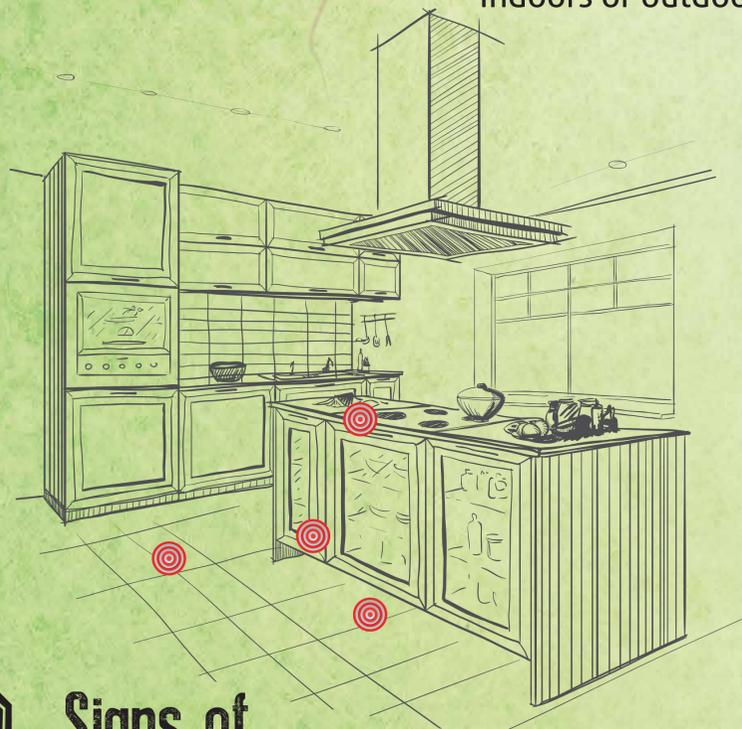
Behavior

- Active at night
- Forage for food and water
- Eat all types of human food and pet food



Habitat (Where to Treat)

- Anywhere food is stored
- Shelter under/behind sinks and cabinets, holes in walls, around appliances, nooks and crannies
- Dark, warm environments
- Garbage/refuse areas
- Indoors or outdoors



Signs of Infestation

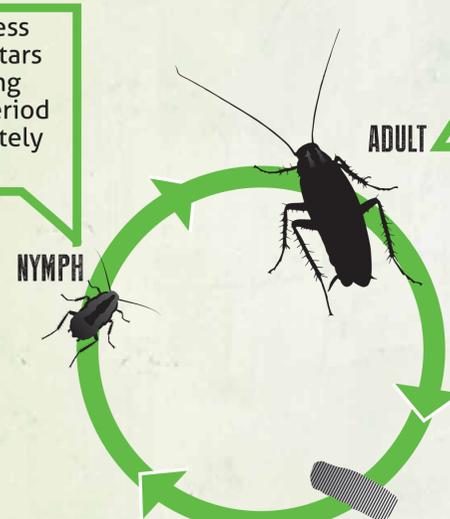
- Roach droppings/dark specs
- If seen foraging during the day, population is likely large
- As population grows, more are forced out of shelter
- Overflowing population in one location



Damage/Risks

- Food safety violations
- Carry bacteria and viruses
- Can cause food poisoning, diarrhea, and dysentery
- Allergic reaction can include skin rashes, congestion, watery eyes, and asthma
- Strong odor

Nymphs progress through 6-7 instars before reaching maturity. This period lasts approximately 100 days.



The average adult life span is typically less than 200 days.

Egg capsule hatches in approximately 28 days.

HOW HYDROPRENE CONTROLS COCKROACHES

IGRs prevent insects from completing their normal development to the adult stage. Insects with gradual metamorphosis, such as cockroaches and bed bugs, the impact is on the last nymphal instar, causing adults to have twisted wings (cockroaches), darkened cuticles, and non-functional reproductive organs. Gentrol® products contain the IGR (S)-hydroprene which is a synthetic copy of a naturally occurring insect biochemical. The Gentrol® product line works on cockroaches and bed bugs by preventing the nymphs from developing into reproductively functioning adults.



Scan to view our (S)-Hydroprene video.



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