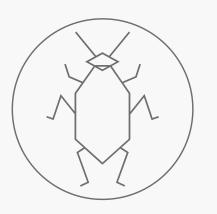
# **COCKROACHES**



American Cockroaches Brownbanded Cockroaches German Cockroaches Oriental Cockroaches



# AMERICAN COCKROACHES

Color: Reddish-brown, with a yellowish figure 8 pattern on the back of the head

Shape: Oval Size: 2 inches

Region: Found throughout the U.S. and the world

### **Habits**

While American cockroaches can be found in homes and larger commercial buildings, they are known to infest food storage and food preparation areas, as well as basements, yards and alleys. They are also very common in sewers and often enter structures through drains and pipes.

#### **Threats**

It has been reported that cockroaches can spread at least 33 kinds of bacteria, six kinds of parasitic worms and at least seven other kinds of human pathogens. As with other species of roaches, these cockroaches can pose a threat to individuals with allergies.

### **Prevention**

The best advice for American cockroach control is to practice good sanitation. Seal all entrances around utility pipes and ventilate crawl spaces to prevent moisture buildup. Most cockroaches come into a building through the pipes. Keep drains clean and free of food.





## **BROWNBANDED COCKROACHES**

Color: Brown, with pronounced banding across wings

Shape: Oval Size: 1/2 inch

Region: Found throughout the U.S.

## **Habits**

Brownbanded cockroaches prefer dry locations and warmer areas over 80°F but can be found throughout structures. These cockroaches prefer higher locations and can often be in upper cabinets in kitchens and bathrooms. Brownbanded cockroaches glue their ootheca (egg cases) to surfaces, often in or under furniture.

### **Threats**

It has been reported that cockroaches can spread at least 33 kinds of bacteria, six kinds of parasitic worms and at least seven other kinds of human pathogens. Studies show that cockroach allergens are a leading trigger of allergic reactions in children and have been known to cause asthma.

### Prevention

Keep a spotless kitchen and make sure to dispose of garbage regularly. Vacuuming often will help reduce harmful cockroach allergens. Pay close attention to hanging picture frames, ceilings and wall moldings, as these areas are vulnerable to infestations. Air out basements and crawlspaces to prevent moisture buildup.



# **GERMAN COCKROACHES**

Color: Light brown to tan with two dark stripes

Shape: Oval

Size: 1/2 - 5/8 inch long

Region: Found throughout the world

### **Habits**

Being the most common species of cockroach, German cockroaches can be found all over the world. These cockroaches prefer to live in cracks in warm, humid places close to food and moisture sources. German cockroaches will feed on almost anything, including soap, glue and toothpaste. They are commonly found in kitchens and bathrooms. They are also known to hitch a ride into new structures via grocery bags, drink cartons and cardboard boxes.

### **Threats**

It has been reported that cockroaches can spread at least 33 kinds of bacteria, six kinds of parasitic worms and at least seven other kinds of human pathogens. Studies show that cockroach allergens are a leading trigger of allergic reactions in children and have been known to cause asthma.



## (German Cockroaches continued)

### **Prevention**

The best advice for German cockroach control is to practice good sanitation. Keep a spotless kitchen and make sure to dispose of garbage regularly. Vacuuming often will help reduce harmful cockroaches allergens. Pay close attention to appliances and sinks in the kitchen or bathroom as these are particularly vulnerable to cockroach infestations. Air out basements and crawlspaces to prevent moisture buildup.



# **ORIENTAL COCKROACHES**

Color: Shiny black

Shape: Oval Size: 1 inch

**Region**: Found in the northern parts of the U.S..

### **Habits**

Being able to survive well outdoors, Oriental cockroaches can be found under porches, leaves, stones, debris and wall voids. They can enter homes through sliding glass doors, along air ducts and utility pipes and through door thresholds. These cockroaches can feed on all kinds of food, particularly starchy foods and decaying organic matter. Oriental roaches are sometimes called "waterbugs" because they come out of drains.

## **Threats**

It has been reported that cockroaches can spread at least 33 kinds of bacteria, six kinds of parasitic worms and at least seven other kinds of human pathogens. Oriental cockroaches' habit of feeding on filth causes them to pick up germs on the spines of their legs and bodies as they crawl through sewage or decaying matter and then carry these onto food or food surfaces.

#### Prevention

Keep food sealed and stored properly. Keep a spotless kitchen and make sure to dispose of garbage regularly. Seal cracks around the home, as well as entry points for utilities and pipes. Air out basements and crawlspaces to prevent moisture buildup.

