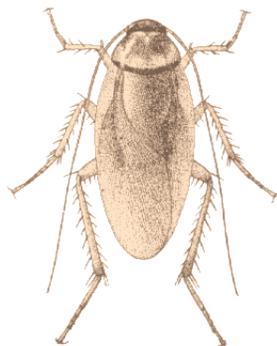


TYPES OF ROACHES **

There are at least 20 different species of cockroaches in Arizona; probably about 10 are native and rarely encountered in the urban environment. The American and Turkestan cockroaches are the two species you are most likely to encounter around your home:



American Roach

The AMERICAN (Sewer) cockroach grows to a length of up to two inches. It is reddish-brown with a light yellow band around the edge of the head shield. Typically, these are the only roaches that inhabit the sewers of Chandler. American roaches often live outdoors in alleys, sewers, lawns, decayed trees and plants. Indoors, they live mainly in dark, moist sites in kitchens, bathrooms, basements, and in crawl spaces under buildings.



Turkestan Roach (Male)

The TURKESTAN cockroach was first found in Arizona in 1982 and is frequently mistaken for the male American cockroach due to its similar appearance, though smaller (about one inch long). The male has long, yellowish-tan wings, they are usually found inside as they are attracted to lights and enter via poorly sealed doorways. The female has short, rounded wings with creamy stripes along the edges and a pear-shaped body. This roach is typically found outdoors, but when it reaches peak populations in June, can be found indoors. This cockroach is not known to transmit disease, and is considered a beneficial decomposer in gardens and yards.



Turkestan Roach (Female)

Other cockroaches found in the Phoenix area include:
The GERMAN cockroach is light brown and 1/2 to 5/8 inches long. The head shield has two dark stripes that run lengthwise. It normally is found indoors and is more active

than other domestic species. They seek dark areas near moisture and food, such as kitchens and bathrooms.

The BROWNBANDED cockroach is light gold to glossy dark brown, and is 1/2 to 5/8 inches long. It has transverse yellow bands across the base of the wings and across the abdomen. They can be found on ceilings in dark or dimly lit rooms, behind picture frames, in light switches, appliances, upper walls of cabinets and closets, and in furniture.

ORIENTAL cockroaches are glossy dark brown to black. Females may be nearly 1-1/4 inches long, while males are one inch long. During warm, humid weather they inhabit lawns, compost piles, flowerbeds, etc. In periods of drought or with the approach of cold weather, they frequently move into homes and other buildings.

For more information, contact:

Chandler Wastewater Collection Division
Customer Service
(480) 782-3600

* Sources:

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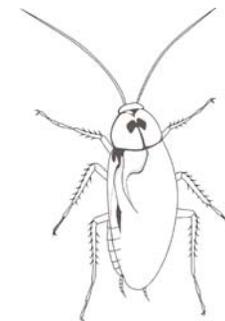
** Source:

University of Arizona Cooperative Extension, Urban Integrated Pest Management Web site:
<http://cals.arizona.edu/urbanipm/>

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Building a Better Community

A Guide To Managing Roaches



**An Information Brochure
of Best Practices for
Managing Roaches**



Chandler • Arizona
Where Values Make The Difference

The City of Chandler occasionally receives calls from residents concerned about roaches. Callers have asked if they're originating from the sewer system. We want you to know that the City has an extensive roach control program that involves painting our sewer manholes with a special paint that effectively controls roaches in our sanitary sewer system. While nothing is 100% effective, we take the problem seriously and spend thousands of dollars each month to keep these pests at bay.

We've consulted leading pest control specialists and they tell us many roaches originate on private property. Roaches live in the expansion cracks next to home foundations, as well as in planters, water meter boxes, under storage sheds and in earthen cracks at the foot of palm trees and other vegetation. Sealing cracks and crevices around your home is a good way to rid your property of roaches. Areas that can't be sealed can instead be treated with diatomaceous earth. If you or a family member suffer from asthma, avoid using sprays and foggers.

The CITY performs the following activities to control roaches in our sewer system:



Sewer manholes are painted with insecticide paint, which effectively controls roaches for up to two years.



Sewer manholes are regularly inspected to make sure the insecticide paint is still active.



Sewer mains are regularly cleaned by City maintenance crews

WHAT YOU CAN DO TO MANAGE ROACHES *

Just like people, roaches need food, water and a place to live. Here are some tips to help limit roaches in your home.

Don't let them in

Cockroaches may enter houses via sewer connections, under doors, around utility pipes, air ducts, or other openings in the foundation. They love cracks and can squeeze in just about anywhere. Young roaches can fit into a space as thin as a dime. An adult male needs a crack about the thickness of a quarter.

- Attach well-fitting door sweeps.
- Fill holes where pipes disappear into walls with silicon sealant, steel/bronze wool. Search for cracks along foundations, baseboards, pipes, windows, vents, cabinets and doors.
- Install or repair window and door screens.
- Install screens over vents, ducts and floor drains.
- Keep sink plugs over drains in sinks, showers, etc., which are not used often.

Keep them away from food

A roach can find a snack just about anywhere. They eat crumbs, pet food, dead leaves and trash.

- Store food in tightly sealed containers or in the refrigerator and put pet food away overnight.
- Don't leave open bags of food or candy lying around.
- Clean up spills and crumbs right away, especially from under appliances, and wipe all counters and tables after use.
- Rinse food and drink containers before disposal, empty trash and recycling frequently, and use trashcans with tight-fitting lids.
- Clean your dirty dishes right away and keep the stove grease and food free.
- Wash or replace sponges and dishrags often.



Keep them thirsty

Roaches need water to live. Without it, they die within a week even though they can live up to a month without food.

- Fix dripping faucets.
- Don't overwater houseplants; soggy soil is a water source.
- Prevent condensation from your A/C unit from pooling near your foundation.

Make it hard for them to hide

Roaches spend most of their lives hiding. If roaches can't hide, they'll find someplace else to live.

- Move woodpiles, stockpiled bricks and other clutter away from outside walls.
- Raise boxes and stored items off your garage floors and away from walls.
- Take your recycling out promptly; avoid letting old food cans, stacks of newspapers or magazines pile up.
- Consider using baits, traps, diatomaceous earth, or consulting a pest control company.



If you decide to use a pesticide.

- Consider using a professional pest control company to treat your home and yard.
- Use pesticides safely, read the label and follow all directions. Keep pesticides out of reach of children and only use them in locations where they will not come in contact with people or animals.
- An effective alternative to pesticides is the use of diatomaceous earth or boric acid applied near cracks and crevices in and around your home. For best results, the powder should be applied in a very thin layer barely visible to the naked eye. Piles or heavy accumulations will be avoided by foraging cockroaches.

