



Review Article

ISSN: 2321-3132

International Journal of Chemistry and Pharmaceutical Sciences

www.pharmaresearchlibrary.com/ijcps



Homemade Cockroach repellent

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APOTHEKE-2014, 8 Nov 2014, Organized by Balaji College of Pharmacy, Ananthapuramu, Andhra Pradesh, India

Abstract

Nowadays cockroaches are very commonly seen in houses and acting as career to the most of the pathogenic microorganism like fungi, bacteria viruses and protozoa. One pair of cockroaches can theoretically produce enough offspring in one year to carpet the floors of the average home to a depth of 1 meter per year. Generally pesticides are used to kill them but they have become resistant to the repellents available in the market. So natural repellent have become more in demand as these are more effective and safest mean to get rid of these critters. If one is suffering from this problem here are some homemade repellents which can be easily formulated in the home and can be prepared in low efficient cost.

Keywords: Carcinogenic, Blattidae, Peppermint Oil, Countertops, Cornstarch, Sodium Fluoride.

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Manuscript ID: IJCPS-APOTHEKE2395



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1. Introduction

Cockroaches are the pests which are found everywhere both outdoor and indoor environments. Some of them include *Periplaneta fuliginosa*, *Blatellavaga*, *Parcoblatta Spp.*, *Periplaneta Americana* of *Blattellidae* and *Blattidae* family. As these can fly easily they can easily enter into the any uncaulked attic openings and are commonly found around eaves and gutters. This roaches have become resistant to the pesticides available in the market which are poisonous and are strong carcinogenic. Homemade cockroach repellents are like the recipes which can be easily prepared in the house and can be prepared in the low and reasonable cost.

2. Materials and methods

Mixture of Baking Soda and Sugar:

This homemade roach control recipe is very cheap, simple, and it is safe to use. One just need to do is to mix equal amounts of sugar and baking soda. The cockroaches will eat the sweet along with the baking soda which will eventually kill them. Cockroaches have a high acid content in their small stomachs. If they ingest the sugar and the baking soda, the reaction between the soda and their high acidity will result in death. If use this pest control method, one must remember to keep the mixture away from children and pets.

Boric Acid Pest Control Recipe:

This homemade recipe can be toxic so keep it away from the children and pets. Ingredients and the quantity to be mixed is detailed in the below table.

Table 1

Ingredients	Quantity
Borax	½ Pound
Powdered sugar	2pounds
Sodium fluoride	1 Ounce
Cocoa	½ ounce cocoa

Mix all the ingredients in a bucket and sprinkle the mixture in areas where the bugs are found such as down any cracks or crevices in the home. The cockroaches will get the boric acid mixture on their body through contact. Once they try to preen themselves, they end up ingesting the boric acid which can act as a poison for others in the colony.

Use Herbs For An Organic Solution:

Keep the cucumber peelings where the roaches are found. Roaches hate cucumber, and once they smell cucumber in their dwellings, they will eventually find a new home. In addition, one can also use bay leaves, cayenne, and catnip. Another tip is to make a sachet out of the catnip and place it in the cupboards. Roaches will definitely stay away from places with such herbs.

Roach Ball Recipe: Another recipe of rolled balls is given below:

Table 2

Ingredients	Quantity
Borax	1 Cup
Powdered sugar	¼ Cup
Cornstarch	1 Table Spoon
Water	1 Table Spoon
Onion (small chopped pieces)	¼cup

Take these ingredients and make a paste and roll it into little balls. After doing this place at least two or three balls into a sandwich-sized plastic bag and leave the top open. Put it in infested areas. The cockroaches eat the balls and carry the mixture away. These bugs will eventually die at home and other roaches that ate their dead body will also be affected by the poison.

Cockroach Control with Scented Oils:

Getting rid of cockroaches is done naturally by using therapeutic scented oils instead of harmful chemical products. The oils that work for repelling cockroaches are cypress oil and peppermint oil. Mix half a cup of salt water with eight drops of cypress oil and 10 drops of peppermint oil. Shake the spray bottle well and spray around the edges of kitchen floors, countertops, and doorways. Not only does it smell nice, but cockroaches stay away.

Homemade Repellant:

Some of the ingredients for this homemade repellant sound appetizing to humans, but roaches will have a different opinion and will avoid the areas treated. Crush a clove of garlic, coarsely chop one onion and add a tablespoon of ground cayenne pepper to one quart of water in a spray bottle. Let the ingredients soak for an hour. Add one tablespoon of liquid dish washing soap to the solution and shake well to mix. Find areas along baseboards and in cabinets where roaches have been seen and spray the solution around to keep roaches from returning to the scene. This spray is safe for most surfaces, but be careful not to get the mixture into the eyes because the soap and pepper will be extremely irritating. Plants, Apple, brown sugar, potatoes, dog food and bread. Normally feeds on plant materials outside, but once inside they will feed on any organic matter of nutritive value.

3. Conclusion

So it is advised to stop using all of the dangerous, synthetic and ineffective poisonous pesticides and control the roaches with the safest and far more effective homemade roach repellents.

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