



Teacher Kit Includes:

- ❖ Peppermint Essential Oil
- ❖ Cinnamon Sticks
- ❖ Spray Bottle – water & peppermint oil mixture
- ❖ Cotton Balls
- ❖ Instructions

Custodial Kit Also Includes:

- ❖ Food Grade Diatomaceous Earth
- ❖ Sprayer



IPM

Integrated Pest
Management

2016/17

Peppermint Oil



Ants HATE Peppermint!

Add 15 drops of Peppermint Oil To
1/2 a Cup of Water.

Shake Well. Spray Home Entry Routes.



MICE HATE PEPPERMINT:

Imitates their nose
Hides Pheromone Trails



5 ways to use it:

1. drops of oil on cotton balls
2. mix oil with cleaner
3. mix oil with water in a spray bottle
4. plant mint around your house
5. buy a mint-based mouse repellent



Keep spiders
out of your
home with
peppermint



Add 10 to 15 drops of peppermint
essential oil into a spray bottle
with 8 to 12 ounces of water.

Cinnamon Sticks



Natural Ant Repellent

Ants have a strong sense of smell and they HATE

Cinnamon



Place cinnamon sticks and peeled garlic cloves around window tracks or holes.

Garlic



Replace every 3 days until the ants are gone.

Mint



Place fresh mint around the foundation of the house.

Did you know?

Ants leave a scented trail so they can easily find their way back to the food source in your house.

Wash away the trails with equal parts of water and white distilled vinegar to confuse them.

Food Grade Diatomaceous Earth



Bug killer you can eat! What the heck is it?

Diatomaceous Earth (often referred to as "DE") is an off white talc-like powder that is the fossilized remains of marine phytoplankton. When sprinkled on a bug that has an exoskeleton (such as ants, cockroaches, fleas or bed bugs,) it compromises their waxy coating so that their innards turn into teeny tiny bug jerky. But it doesn't hurt mammals.

Diatomaceous earth is not a bait. If you put a little bit in a pile somewhere, bugs are not drawn to it.

We can eat it. We do eat it! Grain based foods are stored with diatomaceous earth to keep the bugs from eating the grain!

Diatomaceous earth has been reported to be the most effective solution when fighting pests like ants, cockroaches, fleas, and bed bugs. However, **in order for diatomaceous earth to work, you have to keep it dry. Even morning dew can make diatomaceous earth ineffective.**

Rodent Repellent



DE mixed with these essential oils won't harm rodents, but it will overpower them with a smell they can't stand, making them want to pack up and leave the neighborhood.

Combining diatomaceous earth (DE) with essential peppermint oil, creates the most potent natural rodent repellent in existence. The absorbent nature of DE makes it capable of holding onto the oil and scent far longer than cotton balls making it far more efficient than using essential oils on cotton balls to ward off rodents. It works on mice, rats, voles, moles - even rabbits - and it's safe, nontoxic, humane, and smells great! Here's how to make your natural rodent repellent:

What you need:

- 1 cup food grade diatomaceous earth
- 1/8 cup water
- 2-3 drops peppermint essential oil
- A container to store your essential oil infused DE.

How to make it:

Step 1

Add essential oil to water and stir thoroughly.

Step 2

Slowly add 1 cup of food grade diatomaceous earth to your water/essential oil mixture.

Step 3

Stir thoroughly until all DE is moist.

Step 4

Place mixture in your container.

How to Use It:

Place DE mix close to where rodents live and eat.

How to Make Your Rodent Repellent Last:

Scented DE should maintain its potency much longer than cotton balls. Eventually it will fade. But, it's easy to get it back. Add a little water, shake it up and add another drop or two of essential oil into the newly wetted DE will increase the potency. Be sure to store unused scented DE in an airtight container to help scented DE retain its potency.