

ReSEARCH, Outlines and Guides - Ridding Your Home of Ants

Contents

RESEARCH	1
GUIDES	1
Getting Rid of Ants Using Natural Materials	1
OUTLINES	3
How to Get Rid of Ants naturally	3
13 Common Items for Getting Rid of Ants	5
7 Ways to get rid of Ants Naturally	5
Commercial product that contains borax for ants to consume and bring back to queen	6

RESEARCH

- Google:
https://www.google.com.sg/search?q=how+to+get+rid+of+ants+in+the+house&gws_rd=cr,ssl&ei=MaWHVdP1Gs62uQSKhlqwCg

GUIDES

Getting Rid of Ants Using Natural Materials

- Step 1: Identify Ants
- Step 2: Find Ant Trail or Nest
- Step 3: Destroy the Nest
- Step 4: Prevention and control of future re-infestation

Step 1: Identify Ants	<ul style="list-style-type: none"> - Pest Identification by COMBAT - https://www.combatbugs.com/ant-identifier - Ant Identification Guide by FMC Pro Solutions - http://www.fmcprosolutions.com/LinkClick.aspx?fileticket=dsESXNRwKA0%3D&tabid=1232&mid=2082 - Pamphlet 	
	Carpenter Ants Found in wooded areas. Do not carry bait back to nests.	Odiferous House Ants Attracted to sweets. Leaves pheromone trails. If you kill the ants, other ants will still follow the trail. Entire colony must be killed.
Step 2: Find Ant Trail or Nest	<ul style="list-style-type: none"> - look for small piles of fine sawdust. - Look for moist wood in wood piles, trees, gaps between boards etc 	<ul style="list-style-type: none"> - Identify trail and track to source - Sponge with soapy water to eliminate trail.
Step 3: Destroy the Nest	Food Grade Diatomaceous Earth (DE): <ul style="list-style-type: none"> - Tiny skeletal remains of algae-like plants. Lethal dust for insects. - Important to get only food grade-DE which is safe around kids and pets - Inject DE directly into the nest. 	BORAX: <ul style="list-style-type: none"> - Boric Acid. Poisonous! (1 teaspoon can kill a child!) - Place homemade Borax ant bait at home entry points. - 3 parts Powdered sugar, 1 part borax. place containers of mixture in the path of their trail - ½ cup sugar and 3 tablespoons borax. Soak with cotton balls and place in shallow dishes near ant trails. - Do not kill ants you see. Let them carry bait back to nest to kill entire colony Protein and Grease Mix: <ul style="list-style-type: none"> - Some ants like protein and grease. Mix a spoonful of peanut butter with 1 tablespoon of sugar and 1 teaspoon of borax. - Using a plastic straw, tap the end into the mixture repeatedly until the straw is full of the mixture. Cut the

		straw into ½ inch pieces and place them next to ant trails.
Step 4: Prevention and control of future re-infestation	<ul style="list-style-type: none"> - White Vinegar: <ul style="list-style-type: none"> - Spray vinegar near baseboards, cracks and counter tops. Let vinegar to dry to eliminate chemical trail. - Sanitation: <ul style="list-style-type: none"> - Clean up and don't spill sugary foods. - Peppermint essential Oil <ul style="list-style-type: none"> - Put a few drops of peppermint essential oil on a cotton ball and place in areas ants are crawling around. (find 100% pure essential oils here) - Cinnamon <ul style="list-style-type: none"> - Sprinkle cinnamon (being careful not to get it on things that will stain) near entry points. - Baby Powder <ul style="list-style-type: none"> - Some ants dislike baby powder. Sprinkle around perimeter of house or indoors where ants are entering your house. - Vaseline <ul style="list-style-type: none"> - Rub a little Vaseline near the areas they are entering the house. 	

OUTLINES

How to Get Rid of Ants naturally

<http://www.diynatural.com/how-to-get-rid-of-ants-naturally/>

- Pest Identification by COMBAT - <https://www.combatbugs.com/ant-identifier>
- Ant Identification Guide by FMC Pro Solutions - <http://www.fmcprosolutions.com/LinkClick.aspx?fileticket=dsESXNRwKA0%3D&tabid=1232&mid=2082> - Pamphlet
 - Carpenter Ants
 - Found in wooded areas. Do not carry bait back to nests.
 - Find Nest
 - look for small piles of fine sawdust.
 - Look for moist wood in wood piles, trees, gaps between boards etc
 - Removal

- Food Grade Diatomaceous Earth (DE): Tiny skeletal remains of algae-like plants. Lethal dust for insects. important to get only food grade-DE which is safe around kids and pets
- Inject DE directly into the nest.
- Odiferous House Ants:
 - Attracted to sweets. Leaves pheromone trails. If you kill the ants, other ants will still follow the trail. Entire colony must be killed.
 - Identify trail and track to source
 - Sponge with soapy water to eliminate trail.
 - Removal:
 - BORAX: Place homemade Borax ant bait at home entry points.
 - 3 parts Powdered sugar, 1 part borax. place containers of mixture in the path of their trail
 - ½ cup sugar and 3 tablespoons borax. Soak with cotton balls and place in shallow dishes near ant trails.
 - Do not kill ants you see. Let them carry bait back to nest to kill entire colony
 - Protein and Grease Mix:
 - Some ants like protein and grease. Mix a spoonful of peanut butter with 1 tablespoon of sugar and 1 teaspoon of borax.
 - Using a plastic straw, tap the end into the mixture repeatedly until the straw is full of the mixture. Cut the straw into ½ inch pieces and place them next to ant trails.
- Control of future infestations:
 - White Vinegar: Spray vinegar near baseboards, cracks and counter tops. Let vinegar to dry to eliminate chemical trail.
 - Sanitation: Clean up and don't spill sugary foods.
 - Peppermint essential Oil
 - Put a few drops of peppermint essential oil on a cotton ball and place in areas ants are crawling around. ([find 100% pure essential oils here](#))
 - Cinnamon
 - Sprinkle cinnamon (being careful not to get it on things that will stain) near entry points.
 - Baby Powder
 - Some ants dislike baby powder. Sprinkle around perimeter of house or indoors where ants are entering your house.
 - Vaseline
 - Rub a little Vaseline near the areas they are entering the house.

13 Common Items for Getting Rid of Ants

<http://www.rd.com/home/cleaning-organizing/13-common-items-for-getting-rid-of-ants/>

1. Adhesive Tape
2. Basters - Blow small amounts of borax into crevices
3. Chalk (Calcium carbonate) - Draw a line around home entry points. Scatter around plants
4. Flour - Sprinkle a line along pantry shelves and entry points. ants won't cross the line.
5. Flower Pot - Good against fire ants. Place flowerpot upside down over ant hill and pour boiling water down drain hole.
6. Lemons - Use the juice into holes, cracks. scatter small slices of peel around outdoor entrance. BONUS: cockroaches and fleas are also kept away. Mix 4 lemons with 2 liters of water and wash floors.
7. Oranges - Make puree of few orange peels in 1 cup warm water. Pour solution over and into ant nests.
8. Cayenne Pepper - Put pepper around sugar sources
9. Plastic Container with water - Put legs of tables into plastic containers of water
10. Salt - Ants will not cross salt.
11. Herbs and Spices - Put a Bay Leaf, sage, stick cinnamon, white cloves inside cupboards and inside containers to discourage ants.
12. Talcum or Baby Powder - Organic ant repellent sprinkle around entry points.
13. Mint - Plant around house
14. Vinegar - Equal parts water and vinegar and spray on areas with ants.

7 Ways to get rid of Ants Naturally

<http://www.mommypotamus.com/7-ways-get-rid-ants-naturally/>

1. Essential Oils
 - a. Peppermint
 - b. Tea Tree
 - c. Clove
 - d. Lemon or Orange
2. Ant Away Spray: $\frac{1}{4}$ water + $\frac{1}{4}$ vodka (used as solvent), 15 drops peppermint and 15 drops tea tree essential oil, 7 drops of citrus essential oil.
3. Food Grade Diatomaceous Earth
4. Vinegar:
5. Citrus Peel Spray: 1 part vinegar 1 part water. Put in citrus peels. Heat mixture till steaming then cool.
6. Dr Bronner's Soap Spray

7. Baking Soda and Powdered Sugar: 1 part baking soda and 1 part powdered sugar.
Baking soda kills the ants.
8. Lemon Juice: Half lemon juice and half water OR 15 essential oil for every half cup.

Commercial product that contains borax for ants to consume and bring back to queen

<http://list.qoo10.sg/item/TERRO-TERRO-LIQUID-ANT-KILLER-BAITS-KILLS/414891391#customerReview>

Ant powder or chalk from Chinese provision or medicine stores

Things that ants are afraid of:

- Rubber Bands
- Vinegar
- Dettol

RESOURCES

Bibliography

- “Natural Products For Managing Landscape and Garden Pests in Florida1.” *EDIS New Publications RSS*. N.p., n.d. Web. 22 Jun. 2015. <<http://edis.ifas.ufl.edu/in197>>
- “A Review of “Organic” and Other Alternative Methods for Fire Ant Control” Department of Entomology, College Station, Texas,
<https://insects.tamu.edu/fireant/materials/factsheets_pubs/pdf/fapfs012.2002rev.pdf>