

GENERAL ALL-PURPOSE INSECT RECIPE

This spray makes use of the repellent properties of garlic, onion and hot peppers. The soap makes it cling to plant leaves.

- 1 garlic bulb
- 1 small onion
- 1 tablespoon cayenne pepper
- 1 quart water
- 1 tablespoon liquid soap (hand soap not dish detergent)

Chop or grind garlic and onion, add cayenne and mix with water. Let steep for one hour, then add liquid soap. Store in a covered jar in the refrigerator for up to one week.

From the Natural Formula Book for Home and Yard. Rodale press, 1982.

ANIMAL REPELLANT SPRAYS

CATS OFF

- 2 parts cayenne powder
- 3 parts dry mustard
- 5 parts flour
- Add sufficient water

DOGS OFF

- 1 garlic bulb
- 1 medium onion
- 1 tsp Tabasco sauce
- 1 litre water

SQUIRREL OFF

- 2 oz. Tabasco sauce
- 1 tsp chili powder
- 1 pint water
- a dash of dish soap

Organic Protection for Your Garden



Canadian Organic Growers – Toronto Chapter
torontochapter@cog.ca
www.cog.ca

Remember: Beneficial insects can also be repelled or killed by organic pesticides - use only when necessary

RECIPES FOR HOME-MADE INSECTICIDES AND FUNGICIDES

Sting Nettle Spray (aphids and thrips)

Cover 1 quart nettles with water, steep for 3 weeks, dilute with 7 parts of water.

Rhubarb Spray (aphids, June beetles, Black Spot, fungal diseases)

Steep 6 rhubarb leaves in 2-3 quarts boiling water.

Garlic Spray (chewing and sucking insects, mildew, leaf spot, rusts, spore disease)

Steep 3 cloves of garlic, 1 medium onion and 1 teaspoon of very hot pepper in 1 quart of water for 10 minutes; strain. Can be diluted with water 1:4.

Mullein Spray (white flies)

Mix 1 part mashed mullein leaves with 5 parts water. Strain and spray.

Salt Solution (spider mites, cabbage worms)

1 ounce of table salt in 1 gallon of water.

Tomato Leaves (aphids, asparagus beetle, Black Spot, scale insects)

Steep 10 chopped tomato leaves and 1 chopped onion in 2 cup of alcohol for a few minutes. Apply with a swab.

Soap Spray (chewing and sucking insects)

1 ounce liquid hand soap in 40 ounces water

Skim Milk Spray (mosaic disease on tomatoes and peppers)

Sour milk has been used against cabbage worms.

Pyrethrum Spray (all chewing and sucking insects)

Steep 1 tablespoon freshly ground dry Pyrethrum flowers in 2 quarts/litres of hot water. Pyrethrum (*Chrysanthemum cinerarifolium*) is an attractive perennial with daisy-like flowers.

Liquid Manure or Manure Tea (Potato blight, Black Spot, yellowing on tomato leaves)

2 commercial bag of manure or 1 mesh onion bag full of composted manure steeped in 2 large plastic garbage cans of water.

COMMERCIAL ORGANIC PESTICIDES

Fossil Flower - Garden Dust and Bug Killer for Roses (refined diatomaceous earth)

Atox - Vegetable Dust (contains Rotenone)

Safers Insecticidal Soap - Liquid Spray (contains potassium salts and fatty acids)

Organic Biological Insecticide - Liquid (contains Thuricide, derived from *Bacillus Thuringensis*)

TRAPS AS A MEANS OF INSECT CONTROL

Aphids 10" by 10" pieces of Masonite or other stiff material, painted bright yellow and coated with Tap Trap or Tack Trap or Tanglefoot or petroleum jelly, placed near susceptible plants.

Earwigs Pieces of corrugated cardboard are placed near lettuce, Chinese cabbage, flowers (plants which attract earwigs). They will hide in and under the cardboard. After a few days, collect in the morning and destroy.

Slugs and Squash bugs Lay out boards near affected plants; they will provide shelter for these nocturnal pests. Inspect daily and destroy pests.