

KNOW ORGANIC REMEDIES TO REPEL PESTS AND DISEASES

RECIPE

HOW TO MAKE NEEM EXTRACT

An organic pesticide for a wide range of pests such as aphids, beetles, grasshoppers, grubs, Japanese beetles, leafhoppers, locusts plant hoppers, scales, snails, thrips, weevils and aphids.



1 Pound 2 kg of neem leaves.



2 Place them in a container. Add 2 liters of water.



3 Cover the container securely, leave it for 3 days.



4 Drain and get a clear extract.



5 Get 1 liter leaf extract and mix with 9 liters of water. Add 10 ml of soap solution, stir well.



6 Spray on the infested plants.



RECIPE

HOW TO MAKE SOAP SOLUTION

Soap solution repels aphids or whiteflies.



1 Chop/grate 1 piece of soap (detergent bar).



2 Dissolve in 1 liter of water.



3 Keep the soap solution in a container.



NB: Soap solution is also effective against aphids or whiteflies, when sprayed.



RECIPE

HOW TO MAKE A LEMON GRASS EXTRACT

Lemon grass extract is effective in preventing leaf blight and bacterial diseases in vegetables.



1 Pound 50 g of the lemongrass.



2 Soak overnight in 2 liters of water.



3 Drain the extract and put it directly in the sprayer (double or triple the volume of the lemongrass and water depending on your crop population).



4 Drench or spray the extracted juice, once a week. Repeat the application if necessary.





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RECIPE

HOW TO MAKE A BASIL LEAVES EXTRACT







Basil leaves extract can be effective to repel caterpillars, fruit flies, red spider mites, red scales, spotted leaf beetles, fungal diseases and nematodes.

-  1 Pound 50 g of basil leaves.
-  2 Soak overnight in 2 liters of water.
-  3 Using a strainer, pour-out liquid into the sprayer with 10 ml of soap solution and stir well.
-  4 Apply once a week, repeat the application if necessary.

RECIPE

HOW TO MAKE A GARLIC EXTRACT





Garlic extract can also be an alternative for repel caterpillars, fruit flies, red spider mites, broad mites, red scales, spotted leaf beetles, fungal diseases and nematodes.

-  1 Peel off 2 kg of garlic and ground or pound.
-  2 Add 500 ml of water to aid in squeezing or extracting the juice.
-  3 Use a strainer to get the extract. Pour-off the extract to the bottle/container and add water to make a total of 10 liters extract.
-  4 Keep the extract in a sealed container.
-  5 Get 1 liter and put in a sprayer, add 15 liters of water to complete the full tank load, and add 10 ml of soap solution.
-  6 Spray early in the morning or late in the afternoon to the infested plants.

RECIPE

HOW TO MAKE A COCKTAIL MIX OF NATURAL EXTRACTS

This cocktail can be used to repel sucking and chewing insects.

-  1 Chop finely the following plant materials: 1 kg neem leaves, 500 g garlic, 500 g ginger, 5 whole plants of lemon grass and 5 fresh tobacco leaves.
-  2 Boil them in 20 liters of water. Mix while boiling, add crushed soap to the boiling plant materials.
-  3 After boiling, let the mixture cool down. Use a net/strainer to get the solution and place in another container.
-  3 Get 450 ml of natural pesticide in 16 liters water, spray early in the morning or late in the afternoon with 1 week interval. The solution should be used within 3 months.