

W6.1 SHELTERS FOR PREDATORS

Experiment for distance learning – Homemade natural sprays against aphids

If you have aphids in the garden you can make an experiment. Take a picture of an aphid-infested plant before you start the experiment. Prepare some of the sprays described below, spray them on the infested plants, and observe which of them was the most effective. Observe after the first day, and then after repeated sprays on the following 2nd –7th day. Record the results of the observations throughout the week. Take a picture after the experiment. Describe your experiment and provide the photos to illustrate the effects of the sprays. Which one was the most effective?

NETTLE SPRAY

Pour 1 litre of water on 100 g of nettle and let it infuse for 24 hours.

LAVENDER SPRAY

Mix five drops of lavender oil with 0.5 litre of water.

ONION-GARLIC SPRAY

Cut 1 onion and chop into small pieces, press 4 cloves of garlic and infuse in 2.5 litres of water for at least 12 hours.

TOBACCO SPRAY

Put 100 g of tobacco in a pot, pour 2 litres of water and bring to a boil. After cooling, strain, and add another 2 litres of water.

SOAP SPRAY

Mix 1–2 teaspoons of liquid soap (or dissolve 2–3 cm³ of solid soap) in 4 litres of water.

Additional info about:

Homemade aphid control:
<https://www.gardeningknowhow.com/plant-problems/pests/insects/homemade-aphid-control.htm>