

eco-neem[®]

Botanical Insecticide

eco-neem DIRECTIONS FOR USE

Plant/Situation	Pest	Rate	How to Apply
Ornamental plants	Two-spotted Mites	Mix 10mL per 5L water	Apply when pests appear. Re-apply every 7 days while pests are present. Good coverage is important so apply spray to upper and underside of leaves to point of run-off. Caterpillars: The addition of eco-oil at 2ml per litre is recommended as a spray additive. Mealybugs: Use the higher rate when pest numbers are high.
	Whitefly		
	Aphids		
Ornamental plants	Caterpillars		Sooty mould: Spray insects directly above and around or within the sooty mould affected areas.
	Sooty mould		
	Wingless Grasshoppers	Mix 15mL per 5L water	
Home garden lawns, plant pots and garden beds (ornamentals only)	Mealybugs	Mix 15-30mL per 5L water	Apply at the first sign of pest infestation and before pest populations build up to damaging levels. Ensure thorough coverage of treated areas. Apply using a watering can.
	Lawn armyworm	Mix 20mL per 5L water to treat 10 square metres.	
	Curl grubs (African black beetle larvae)	Mix 10mL per litre water	
Ornamental citrus	Citrus leaf miner	Mix 25mL per 10L water	Begin applying when new flush growth is 4 cm long. Apply every 5 to 14 days with presence of new flush growth. Ensure that new flush leaves are sprayed on top and underneath.
Potting soil (for ornamental plants only)	Fungus gnats	30mL per 10L water	Apply as a soil drench using approximately 1 litre mixture per 8 litres potting soil.

For more information on eco-neem and the rest of the eco-organic garden range visit www.ecoorganicgarden.com.au



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Printed on recycled paper

25ml
20
15
10
7.5



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ACTIVE CONSTITUENTS: 11.82g/L AZADIRACTIN A and B present as 29.55g/L *Azadirachta Indica* extract

CONTROLS CHEWING AND SUCKING PESTS IN THE HOME GARDEN



Curl Grub



Caterpillars & Lawn Armyworm



Aphids



Grasshoppers



Whitefly & more



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eco-neem is an organic insecticide made from an extract of the neem tree seed which is combined with other plant oils.

The active ingredients in eco-neem (Azadirachtin A & B) are the most effective natural insecticides commercially available and control a broad range of chewing and sucking insects.

eco-neem HOW IT WORKS

Once ingested by an insect **eco-neem** works in two main ways:

1. Suppression of appetite resulting in starvation



Untreated



Treated



Healthy Armyworm



Affected Armyworm

2. Distortion of Growth Cycles



Normal Caterpillar



Normal Pupa



Normal Adult



Affected Caterpillar



Affected Pupa



Affected Adult

eco-neem is **NOT** a knock-down insecticide as insects take a few days to die. During this time they stop feeding so no new damage occurs. They are also weakened and are easy prey for other insects and larger predators like birds and lizards.

eco-neem WHAT MAKES IT DIFFERENT

- Natural insecticide with broad spectrum activity (registered overseas to control over 200 pest insects)
- 100% plant oils and extracts
- Unique modes of action makes it effective on insects which have developed resistance to other sprays
- Safe for beneficial insects like bees and ladybeetles
- **eco-neem** is a concentrated and purified form of neem oil with increased stability and shelf-life
- Approved for use in organic gardens

eco-neem SAFE FOR BENEFICIAL INSECTS

eco-neem must be ingested for it to work making it safe for good insects which do not feed on plant foliage. There is also no secondary poisoning eg it's safe for a ladybeetle to eat an aphid that has ingested eco-neem. eco-neem is harmless for larger creatures like birds, lizards and pets.

eco-neem USE ON EDIBLE PLANTS

Currently the Australian regulatory body (the APVMA) has only approved **eco-neem** for use on ornamental plants and this is indicated on the label.

Many overseas regulatory bodies (including in New Zealand, America, Japan and Europe) have approved eco-neem for use on edible plants with no withholding period.