



Registered in Australia for the control of: TWO-SPOTTED MITES, WHITEFLY AND APHIDS IN ORNAMENTALS AND FUNGUS GNATS IN POTTING SOIL
 Registered overseas for the control of other pests like: GRASSHOPPERS, CURL GRUB, CATERpillARS & THRIPS



What is **eco-neem**?

eco-neem is a plant-based organic insecticide made from kernel of the neem tree and other oil seeds. **eco-neem** is very different to most other plant based insecticides because of the way it works on insects. The key active ingredients in **eco-neem** (Azadirachtin A & B) are the most effective natural insecticides commercially available! Unlike other crude neem-based products, **eco-neem** is processed using patented technology that concentrates and preserves the active properties of neem without the inclusion of potentially harmful impurities, solvents or other unknown ingredients.

How does **eco-neem** work?

eco-neem is diluted in water and sprayed onto plants or drenched into the soil. Between 1 - 3ml per L of water is all that is needed for foliar application and up to 5ml/L can be used as a soil drench. As pests feed they ingest **eco-neem** which has two major effects on insect physiology and behaviour:

1. The insect fails to moult (shed their skin) which severely disrupts their growth, development and reproduction.



2. The insect loses its desire to feed, resulting in starvation.



eco-neem is NOT a knock-down insecticide! You may notice that pests are still alive after application but they are not feeding so no further damage to the plant will occur. As treated pests are effectively starving they are weak and easy prey for other insects, birds and reptiles in the garden. Sequential applications will result in a significant reduction in overall pest populations.



Why use **eco-neem**?

- **Certified Organic** – eco-neem is internationally and locally certified as an organic input for use on food crops and non-food crops.
- **Broad spectrum activity** – eco-neem works on most of the problematic pests in the home garden including soil dwelling pests.
- **Limited effect on 'good bugs'** – as beneficial insects are not plant eaters, they will not consume eco-neem. Only plant biting, sucking or chewing pests will be affected. Trial work has proven this to be the case.
- **Leaves no residue** – unlike other sprays that can bio-accumulate to high levels in the garden because they are slow to breakdown, eco-neem rapidly breaks down on plant and soil surfaces within days of spraying.
- **Concentrated, user friendly formulation** – eco-neem contains 1.2% Azadirachtin, which is a 20 times higher than most other neem products and because it is not a crude neem extract it is easy to pour mix into a sprayable form.
- **Novel chemistry** – eco-neem is unlike any other spray in the home garden, hence it is an effective tool in the management of pests that have become less sensitive to certain home garden sprays.
- **Renewable resource** - eco-neem is made from trees and oil seed plants making it one of the lowest 'carbon-footprint' garden sprays around.

HOW TO USE			
DO NOT use on plants that produce food for human or animal consumption.			
Plant/Situation	Pest	Rate	How to Apply
Ornamental plants	Two-spotted Mites Whitefly Aphids	Mix 10 mL per 5 L 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. Note plant safety CAUTION below.
Potting soil (for ornamental plants only)	Fungus gnats	30 mL/10 L water	Apply as a soil drench using approximately 1 litre mixture per 8 litres potting soil.