

KIWICARE®



PLANT*health* Insect Hit Granules

Granules to control insects in soils and on shrubs and
ornamentals.

www.kiwicare.co.nz

Background

LawnPro Lawnguard was developed by Kiwicare for the control of soil dwelling insects in lawns such as grass grub, porina caterpillar, cluster fly larvae and ants.

It was noted that the combination of active ingredients lambda-cyhalothrin and thiamethoxam also had benefits for shrubs and ornamentals; protecting them from insects that suck the plant sap and chew foliage through uptake of the systemic thiamethoxam through roots. Thiamethoxam is upwardly systemic and readily absorbed by roots. Also the lambda-cyhalothrin protected the plants from ants that would climb the plants to farm sap sucking insects for their honeydew and protect them from predators.

New Product

[PLANThealth Insect Hit Granules](#) is a novel application for control of aphids, mealy bugs, scale insects, psyllids, and chewing insects on shrubs, hedges and ornamental plants. It contains 2 active ingredients:



Thiamethoxam

- Systemic and contact insecticide – long lasting.
- Washed from granules and moves down into soil where it is absorbed by roots and transported to growing tips where it controls sap sucking and chewing insect pests.

Lambda-Cyhalothrin

- Contact insecticide – long lasting
- Washes off granules and stays on surface and upper layer of soil.
- Controls insects such as ants that would move over soil to climb plants and farm pests.
- Prevents insects laying eggs in soil around plants.

The result of this combination of actives is both curative and preventative control of sap sucking and chewing insect pests.

Benefits and Features

- Dual action formula – contact and systemic action giving longer lasting control.
- Curative – Controls existing infestations of sap sucking pests.
- Preventative – prevents infestations of sap sucking insect developing.
- No spraying.

Controls

- [Aphids](#)
- [Scale insects](#)
- [Mealy bugs](#)
- [Psyllids](#)
- [Ants](#)
- and more...

Application

Directions

- 1) Sprinkle evenly over area to be protected.
- 2) For sap sucking and chewing insects on shrubs and ornamentals apply to the soil area below the canopy to the drip line, i.e. as far out as the foliage spreads.
- 3) Water in for a minimum of 2 hours by gentle irrigation or moderate to heavy rain (at least 10 mm).

Rate of Application for Best Results

Sprinkle evenly on soil around and between affected plants.

- **Sap sucking insects** (scale, mealy bugs, aphids, psyllids, etc.) – 10 g/m²
- **Chewing insects** (bronze, brown and black beetle, weevils, etc.) – 10 g/m²
- **Soil dwelling insects** (ants, slaters, earwigs, etc.) – 5 g/m²

Additional Uses

Control of Soil Dwelling Insect Pests in Lawns and As a Barrier to Ants Around Buildings

This product can be used to control [grass grub](#), [porina caterpillar](#) and other insect pests in lawns.

Control of Ants and Cockroaches

[PLANThealth Insect Hit Granules](#) can be used in the same manner as [LawnPro Lawnguard](#) is for forming a surface and 'curtain' of insecticide in the soil around buildings to form a barrier to [ants](#) and [cockroaches](#).

Available As

- 350 g, 600 g. And as Insect Control Granules 20 kg (commercial).

Active Ingredients

2.0 g/kg Thiamethoxam and 0.4 g/kg Lambda-Cyhalothrin in the form of a granule

Caution

- To protect beneficial pollinating insects such as bees do not apply onto plants likely to be visited by bees or in an area where bees are foraging.

Regulations

- PLANThealth Insect Hit Granules is not registered with ACVM for use on crops or animal feedstuffs.
- PLANThealth Insect Hit Granules should not be used around plants in flower or about to come into flower due to risk to bees.
- Approved pursuant to HSNO Act 1996, HSR101021. See www.epa.govt.nz for approval conditions.



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Kiwicare.co.nz

For information, advice and our interactive
problem solver

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