



## PLANThealth Spectrum

Combination fungicide and insecticide for roses and ornamentals.

www.kiwicare.co.nz

## Background

Roses and ornamental plants are susceptible to attack by a variety of fungal diseases, insect pests and mites. Roses often suffer from blackspot, powdery mildew, downy mildew, rust and aphids.

### Product

PLANThealth Spectrum controls of fungal diseases and insect pests. It contains 2 active ingredients:

#### Myclobutanyl

- Systemic and contact fungicide long lasting.
- Effective against the main groups on fungal disease on roses and ornamentals.
- Particularly effective against blackspot.

#### Tau-fluvalinate

- Contact insecticide long lasting.
- Effectively controls sap sucking and chewing insect pests including aphids, scale, mealybugs, thrips, bronze beetle, mites and more.
- Non-systemic applied to foliage only so safer for bees.

The result of this combination of actives is both curative and preventative control of disease and insect infestations.

#### **Benefits and Features**

- Dual action formula contact insecticide/miticide and systemic fungicide action giving longer lasting control.
- Curative systemic action of fungicide and contact insecticide controls existing diseases and insect pests.
- Preventative long lasting contact insecticide prevents new infestations and systemic fungicide stops diseases getting started.
- Fast acting.

#### Controls

- Blackspot
- Powdery mildew
- Downy mildew
- <u>Rust</u>
- <u>Aphids</u>
- <u>Scale insects</u>
- Mealy bugs
- <u>Whitefly</u>
- <u>Psyllids</u>
- Bronze beetle
- <u>Thrips</u>
- <u>Mites</u>
- and more...

## Application

#### Directions

- 1. Concentrate Mix 10 ml per 1 L of clean water.
- 2. Spray foliage until run off occurs.
- 3. Spray leaves on both the upper and lower surfaces as complete coverage is required for effective control.
- 4. Apply every 10-14 days.

#### Tips

- The insecticide Tau-fluvalinate, in Spectrum, is also an acaricide/miticide and can be used to effectively control spider mites on ornamental plants. However, we recommend only using it in a targeted fashion and when the mite infestation is out of control, as it will also kill beneficial predatory mites.
- Apply to top and undersides of leaves.
- Avoid application in hot weather above 30°C.
- Best applied in cooler conditions at the beginning or end of the day.

#### Available As

- 250 ml, 500 ml concentrate.
- PLANThealth Spectrum Plus is a ready to use product with added foliar feed and is available in 750 ml

#### Active Ingredients

Concentrate - 5 g/L Myclobutanil, 10 g/L Tau-Fluvalinate in the form of an emulsifiable concentrate

#### 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.
- It is an offence to use this product on animals.
- Not for use on fruit or vegetables.

#### Regulations

- PLANT*health* Spectrum is not registered with ACVM for use on crops or animal feedstuffs.
- PLANT*health* Spectrum should not be used around plants in flower or about to come into flower due to risk to bees.
- Concentrate HSR000731.
- See www.epa.govt.nz for approval conditions.

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For information, advice and our interactive problem solver

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