

FAQ

Frequently
Asked
Questions

Mycotal

Akanthomyces muscarius Ve6



Koppert

What is Mycotal

What is Mycotal?

Mycotal is a natural insecticide. It contains a so called entomopathogenic fungus, a fungus that disables and kills insects. The product is packed in a cardboard box which contains a bag of blastospores of the unique fungus, *Akanthomyces muscarius* Ve6.

Against which pests can I use Mycotal?

Mycotal is effective on a range of pests. Depending on the national product registration in your country, it may be applied against whiteflies, and in some countries also against thrips and aphids. Always check the label before usage.

How does it work

How does Mycotal work?

After spraying Mycotal, the spores germinate and grow into hyphae that penetrate the pest's body cavity. Here they proliferate and destroy the tissues, killing the insect. At high humidity, the fungus then grows through the insect cuticle and produces spores on the outside of the cadaver, which may spread the infection to other vulnerable pests.



Mycotal: how does it work?

How long is Mycotal effective?

Mycotal spores start to germinate and grow immediately after application. At high humidity levels, spores can be formed on the outside of the affected insect which may infect other vulnerable pests.

Is the effect visible?

Dead, shriveled insects can be found after application of Mycotal. At high humidity levels, sporulation on the outside of the insect will become visible.

When can I expect an effect? How fast does Mycotal work?

Mycotal kills the pests between 7 and 10 days after the spraying application.

Is Mycotal safe for the beneficial insects and pollinators in my crop?

Mycotal is safe for pollinators and beneficial insects. The Koppert Side Effects app gives a clear overview of the beneficials Mycotal can be combined with safely.

Can pests develop resistance against Mycotal?

Pest resistance against Mycotal is very unlikely due to the complex nature by which Mycotal interacts with the target pest.

How to handle & apply Mycotal

How to store Mycotal?

Mycotal should be stored refrigerated, at a temperature between 2°C and 6°C. The expiry date of the product can be found on the packaging.

How to apply Mycotal?

Mycotal is applied as a foliar spray with regular spraying equipment. New research has shown that Mycotal can also be applied effectively via Low Volume Misting Systems in greenhouses.



How to use Mycotal

What are the optimal conditions to apply Mycotal?

- Mycotal is best applied at the end of day or early morning. On cloudy days, the product can also be applied during the day. Humidity levels must be 70%(RH) at the moment of application and a couple of hours after the application. The humidity within the leaf canopy is often higher than the greenhouse humidity
- Favourable temperature conditions for Mycotal range from 15°C to 28°C. However, Mycotal already starts being active from 5°C onwards.
- For optimum results, it is recommended to do 3 applications of Mycotal with a 7 day interval.
- At suboptimal conditions, an adjuvant may improve the product's efficacy.



How to use Mycotal
with Low Volume
Misting System

Which pH values of the tank mix solutions are safe?

Mycotal can be safely applied at tank mix pH levels between 4 and 10.

Can I tank mix Mycotal with other products?

Mycotal can be safely tank mixed with a wide range of fungicides and insecticides, but is adversely affected by some other products. Always check the Koppert Side Effects app before tank mixing Mycotal.

Is Mycotal safe for people and animals?

Due to its specific mode of action on pests, Mycotal is safe for people, animals and plants.

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Biocontrol
is our nature

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Mycotal](#)

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