

Product data sheet

Aphilin

Aphelinus abdominalis | Parasitic wasp

- For the control of a wide range of aphids
- Especially for hotspot treatments



Use for

Pests

Especially for potato aphid (*Macrosiphum euphorbiae*) and glasshouse potato aphid (*Aulacorthum solani*). It also has an effect on the peach potato aphid (*Myzus persicae*) and other aphid species.

How it works

Mode of action

Adult parasitic wasps emerge from the mummies and females lay their eggs into aphids. The next generation of parasitic wasps develops inside the aphid, which converts into a leathery mummy. The adult parasitic wasp emerges through a hole at the rear of the mummy. The first mummies are noticed in the crop around 2 weeks after the first introduction. Host feeding also takes place.

Appearance

- Adults are black wasps of 2-3 mm length with a yellow abdomen and short legs and antennae
- Immature stages develop inside the host



Aphelinus abdominalis mummy



Aphelinus abdominalis adult



Aphelinus abdominalis parasitizing on aphid

Visual effect

Parasitized aphids turn into a black elongated mummy.



[Watch the biological control video of Aphilin](#)

Product specifications

Pack size

500 mummies.

Presentation

100 ml bottle.

Developmental stage

Mummies.

Carrier

Wood chips.

Directions for use

Application

- Release mummies near infested plants, because *Aphelinus abdominalis* is not very mobile
- Spread material on rock wool slabs or in application boxes (Dibox)
- Make sure the material remains dry and at its introduction site for a few days



[Watch the Application video of Aphilin](#)

Dosage

The dosage of Aphilin depends on climate, crop and aphid density and should always be adjusted to the particular situation. Start introduction preventively soon after planting of the crop. Introduction rates typically range from 0.25-4 per m²/release. Releases should be repeated a number of times. Consult a Koppert advisor or a recognized distributor of Koppert products for advice on the best strategy for your situation.

Environmental conditions

Effective between 15 and 35°C (59 and 95°F). Better than the *Aphidius* species at high temperatures (above 28°C/82°F).

Combined use

Can be used in combination with other aphid biocontrol agents, like for instance Aphidend.

Side effects

Pesticides can have (in)direct effects on biological solutions. [Find out which pesticides have side effects on this product.](#)

Product handling

Storage time after receipt

Apply as soon as possible after receipt. If necessary, the product can be stored for 1-2 days.

Storage temperature

8-10°C/47-50°F.

Storage conditions

In the dark.

Disclaimers

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