Product data sheet

Aphiscout

Aphidius colemani, Aphidius ervi, Aphelinus abdominalis, Praon volucre, Ephedrus cerasicola | Parasitic wasps



- For the control of a wide range of aphids
- For preventive use

Use for

Pests

Effective against most commonly occurring aphids.

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 first mummies are noticed in the crop around 2 weeks after the first introduction.

Appearance

- Adults are black wasps of 4-5 mm length with long legs and long antennae, except *Aphelinus abdominalis* which is smaller, has a yellow abdomen and short legs and antennae
- Immature stages develop inside the host



Aphidius colemani mummies



Aphidius ervi mummy



Aphelinus abdominalis mummy



Proan volucre mummy



Ephedrus cerasicola mummy



Aphidius colemani adult



Aphidius ervi adult



Aphelinus abdominalis adult



Proan volucre adult



Ephedrus cerasicola adult

Visual effect

Parasitized aphids turn into mummies which look slightly different depending of the parasitic wasp species.

Product specifications

Pack size

250 mummies:
20% *Aphidius colemani,*
15% *Aphidius ervi,*
15% *Aphelinus abdominalis,*
40% *Praon volucre,*
10% *Ephedrus cerasicola*

Presentation

90 ml cardboard cylinder with shaker lid.

Developmental stage
Mummies.

Carrier
None.

Food
Felt pad with sugar water.

Directions for use

Application
- Peel off the outer layer of the label starting at the upper right corner
- Hang the cylinder horizontally from a crop wire, branch, or leaf stalk by winding the label around it and sticking the end of the label back onto the label
- Turn the lid until the small holes align with the opening



Watch the Application video of Aphiscout

Dosage
The dosage of Aphiscout depends on climate, crop and aphid density and species, and should always be adjusted to the particular situation. Start introduction preventively soon after planting of the crop. Introduction rates typically range from 0.75-1.5 parasitic wasps per m^2. This is equivalent to one unit every 250-350 m^2. The parasitic wasps will emerge within 2 weeks. Releases should be repeated when aphids are still present. If the aphid species present is known it might be better to switch to an appropriate single species product (Aphilin, Aphipar, Aphipar-M or Ervipar). Consult a Koppert advisor or a recognized distributor of Koppert products for advice on the best strategy for your situation.

Environmental conditions
Aphiscout is effective at temperatures between 16°C/61°F and 30°C/86°F.

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

Compatibility
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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