Product data sheet

# Ervipar

*Aphidius ervi* | Parasitic wasp




- For the control of large aphids like *Macrosiphum* spp. and glasshouse potato aphid
- Can be used preventively or at first signs of pest presence

## Use for

### Pests

Especially for potato aphid (*Macrosiphum euphorbiae*) and glasshouse potato aphid (*Aulacorthum solani*). Ervipar also parasitizes tobacco aphid (*Myzus persicae* var. *nicotianae*).

## 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 10-14 days after the first introduction.

### Appearance

- Adults are black wasps of 4-5 mm length with long legs and long antennae
- Immature stages develop inside the host



*Aphidius ervi* mummy



*Aphidius ervi* adult



*Aphidius ervi* parasitizing on aphid

### Visual effect

Parasitized aphids turn into a black elongated mummy.

# Product specifications

### Pack size
250; 500; 5,000 mummies.

### Presentation
100 ml bottle; 0.9 litre cardboard cylinder.

### Developmental stage
Mummies.

### Carrier
Buckwheat hulls.

# Directions for use

### Application
- Spread the material on rock wool slabs or in Diboxes
- Make sure the material remains dry and is not moved from its introduction site for at least a few days

### Dosage
The dosage of Ervipar 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 0.25-2 per $m^2$/release. Releases should be repeated weekly during the period when aphid infestation is expected. Consult a Koppert advisor or a recognized distributor of Koppert products for advice on the best strategy for your situation.

### Environmental conditions
Most effective between 20 and 25°C (68 and 77°F). Not effective at temperatures above 30°C/86°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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