Product data sheet

Rophoria

Sphaerophoria rueppellii | Hoverfly



- For the control of all aphid species
- Disperse well and find aphid hotspots

Use for

Pests

All species/stages of aphids.

How it works

Mode of action

Adult hoverflies emerge from the pupae and deposit their eggs in the aphid colonies.
The young larvae start feeding on the aphids.

Appearance

- Eggs are oval, 1 mm white-grey.
- Larvae are up to 7 mm long, green-yellow, without legs.
- Pupae are light green, droplet shaped and can be found on the leaves.
- Adults are 7-9 mm long, have a yellow face and yellow abdomen with black spots.



Sphaerophoria rueppellii larva



Sphaerophoria rueppellii pupa



Sphaerophoria rueppellii adult

Visual effect

Aphids are consumed entirely, only skins remain. Dark excrements (meconium) on the leaves is an indicator of hoverfly larvae activity.

Product specifications

Pack size
100 pupae.

Presentation
3,5x3,5x3,5 cm cardboard box.

Developmental stage
Pupae.

Carrier
Buckwheat hulls and vermiculite.

Food
None.

Directions for use

Application
- Do not open the box until you arrive at the release point
- Carefully open the perforated lid of the cardboard box
- Hang the open box vertically on the plants, preferably close to flowers
- Protect against direct sunlight, rain and wind

Dosage
The dosage of Rophoria depends on climate, crop and aphid density and should always be adjusted to the particular situation. Start introduction preventatively or as soon as the first aphids are detected in the crop. Introduction rates typically range from 200-600 pupae per ha/release. Releases should be repeated a number of times. Consult a Koppert advisor or recognized distributor for advice on the best strategy for your situation.

Environmental conditions
- Rophoria is most effective between 20-30°C
- High humidity is favourable for larval development and hatching of pupae
- Adult hoverflies feed on pollen and nectar. Ensure flowering plants are present for optimal establishment

Combined use
For effective control of aphids combine with other predators and/or parasitoids.

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.

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