Product data sheet

Miglyphus

Diglyphus isaea | Parasitic wasp



- For the control of leaf miners
- Effective at high leaf miner densities

Use for

Pests

Leaf miners (*Lyriomyza* spp.).

How it works

Mode of action

Adult female parasitic wasps of *Diglyphus isaea* kill second and third instar leaf miner larvae in the mine and lay their eggs next to them. The eggs develop into parasitic wasps inside the mine (but outside the leaf miner), using the dead larvae as food. Adult females also kill young leaf miner larvae by using them as a food source. This is known as host feeding.

Appearance

- Adults are shiny black wasps of about 2-3 mm length with yellow stripes on their legs
- Immature stages develop inside mines in the leaves: Larvae are white to green, pupae are initially green and eventually black and are surrounded by 6 black spots



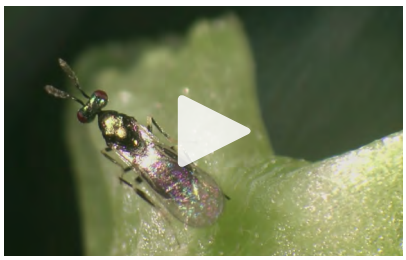
Diglyphus isaea pupa



Diglyphus isaea adult female

Visual effect

The presence of *Diglyphus isaea* in the crop is signalled by short mines that contain dead leaf miner larvae. Older larvae and pupae are visible through the leaf.



Watch the biological control video of Miglyphus

Product specifications

Pack size
500 adults.

Presentation
100 ml bottle.

Developmental stage
Adults.

Carrier
None.

Food
Felt pad with sugar water.

Directions for use

Application
Release parasitic wasps between the leaves of the crop in the morning or in the evening.



Watch the Application video of Miglyphus

Dosage
The dosage of Miglyphus depends on climate, crop and leaf miner density and should always be adjusted to the particular situation. Start introduction as soon as the first mines are visible in the crop. Introduction rates typically range from 0.25-3 per m^2/release. Releases should be repeated at least 3 times at weekly intervals or until control is achieved. At low temperatures (<20°C/68°F) it might be better to use Minusa. Consult a Koppert advisor or a recognized distributor of Koppert products for advise on the best strategy for your situation.

Environmental conditions
Diglyphus isaea is most effective at temperatures between 15°C and 25°C (59 and 77°F).

Combined use
Can be combined with Minusa.

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, bottle standing.

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