Product data sheet

Minusa

Dacnusa sibirica | Parasitic wasp



- For the control of leaf miners
- Effective at low leaf miner densities
- Also effective at low temperatures

Use for

Pests

Leaf miners (*Lyriomyza* spp.).

How it works

Mode of action

The adult female parasitic wasps of *Dacnusa sibirica* preferably lay their eggs inside first and second instars of the leaf miner larva. The parasitic wasps develop inside the leaf miner pupa. The adult wasp will emerge from the pupa.

Appearance

- Adults are black wasps of about 2-3 mm length with long legs and antennae
- Immature stages develop inside the host



Dacnusa sibirica adult

Visual effect

It is not possible to see on the outside if the leaf miner larvae or pupae are parasitized.

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 Minusa

Dosage
The dosage of Minusa 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 0.25-0.5 per m^2/release. Releases should be repeated at least 3 times at weekly intervals or until control is achieved. At higher temperatures (25°C/77°F) and/or higher infestation rates it might be better to use Miglyphus. Consult a Koppert advisor or a recognized distributor of Koppert products for advice on the best strategy for your situation.

Environmental conditions
Minusa is more effective than Miglyphus at lower temperatures (<20°C/68°F). When temperatures rise Minusa can be supported by Miglyphus.

Combined use
Can be combined with Miglyphus.

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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