

FORMIVAR 85

Formic acid 85 g / 100 g, solution for honey bees

Treatment of varroosis (*Varroa destructor*) on honey bees (*Apis mellifera*) and/or tracheal mites (*Acarapis woodi*).

Read package leaflet.

WITHDRAWAL PERIOD: Honey: 0 (zero) days if instructions of use are followed.

This product is corrosive. Please read the package leaflet carefully before use.

Disposal: read package leaflet.

For animal treatment only.

Keep out of the sight and reach of children.

EU/2/00/000/000

Batch/Lot: See imprint

EXP {month/year}: see imprint

1 Litre

Space for imprint

Marketing authorisation holder and manufacturer responsible for batch release:

Andermatt BioVet GmbH
Weiler Strasse 19-21
D-79540 Lörrach
Germany

NAME OF THE VETERINARY PRODUCT

FORMIVAR 85 formic acid 85 g / 100 g, solution for honey bees
Treatment of varroosis (*Varroa destructor*) on honey bees (*Apis mellifera*) and/or tracheal mites (*Acarapis woodi*).

CONTRAINDICATIONS

None.

ADVERSE REACTIONS

In the first three days (long-term treatment) or within the first hours (short-term treatment) a higher mortality rate of bees (more than 3 cups (1 cup = 240 ml = 600 bees) may occur. Colony loss is rare, less than 10 in 10'000 colonies treated.

Some damage of brood in open or sealed brood cells and hatching young bees may occur after application of the product. Queen mortality has been reported more often for short term treatments or in cases of incorrect adjustment of dispensers. Queen mortality is uncommon, less than 10 in 1'000 colonies treated. If you notice any serious effects or other effects not mentioned in this package leaflet, please inform your veterinary surgeon.

DOSAGE AND METHOD OF ADMINISTRATION

The product will be applied with an appropriate applicator device. The amount of formic acid to be administered depends on the applicator device used and the duration of the entire treatment.

Formic acid should evaporate continuously in a low dose for a long-term treatment. It of bees requires a dose of 10–20 ml of FORMIVAR for single brood chambers of 35 l–45 l volume and 20–30 ml per day for double brood chambers of 50 l to 80 l volume for the duration of 7–10 days. The total amount should not exceed 200 ml per treatment. It is recommended to repeat the treatment within 4 weeks of the first application if the daily natural mite drop is more than 1 mite/day. Follow the instructions of your local bee research centre for exact dosage and recommended dispensers for the correct treatment according to the locally implemented plan for integrated pest management

For a short-term treatment 2 ml per comb are applied onto a sponge cloth. The sponge cloth will be placed on top or below the brood combs. Formic acid evaporation takes place in the 6–12 hours following application. The

treatment should be repeated within 3–4 days after the first application for at least once to a maximum of four times. Wash and dry sponge cloth immediately after use.

Max. Daily Temperature °C	Start of treatment
14–20 °C	During the day
> 20–25 °C	Either in the evening or in the morning
> 25–30 °C	In the early morning

Do not start treatment at temperatures below 14 °C and above 3 °C

Do not start a treatment when heavy rains or thunderstorms are expected

ADVICE ON CORRECT ADMINISTRATION

It is recommended to follow the instructions of manufacturer of application device or your local bee research center of competent authorities.

WITHDRAWAL PERIOD

Honey: 0 (zero) days

Do not use during honey flow. In case of an emergency treatment with formic acid during or shortly before the spring period or honey flow, honey super with honey for human consumption should be removed prior to treatment. Honey with increased levels of formic acid may, depending on local legislation, not be fit for human consumption.

SPECIAL STORAGE PRECAUTIONS

Keep out of the sight and reach of children. Store below 30 °C. Do not refrigerate or freeze. Protect from frost. Store in the original container. Keep the bottle tightly closed. Store in an upright position. Protect from direct sunlight.

SPECIAL WARNING(S)

Special warnings for each target species: Colonies require adequate ventilation during treatment. Open flight opening for at least 15 cm² and remove obstacles obstructing the flight opening inside the hive. Treat all colonies in the apiary at the same time. Do not disturb the colonies during the treatment period. At maximum daily temperature over 30 °C increased bee mortality and queen loss may occur. Use the product as part of an Integrated Pest Management program with regular mite monitoring. Using different substances during the year reduces the risk of building resistance. Special precautions to be taken by the person administering the veterinary medicinal product to animals: This Product product is harmful especially because of its corrosive properties.

Do not eat, drink or smoke while using the product. Personal protective equipment consisting of protective clothing, chemical resistant gloves, safety glasses and a protective mask FFP2 should be worn when handling the product or cleaning the used equipment. For handling of the product in a closed room a protective half- or full-mask with filters of type A2 B should be worn. IF EXPOSED: call poison information centre and/or seek medical advice and show the label to the physician. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Drink 200–300 ml of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. Continue rinsing. IF ON SKIN: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Used containers should be disposed of immediately in a proper way and not left within the sight or reach of children. Interaction with other medicinal products and other forms of interaction.

Do not use with other acaricides against varroosis. Overdose (symptoms, emergency procedures, antidotes):

In case of overdose higher than usual bee mortality (> 3 cups (1 cup = 240 ml)) may occur. Queen mortality may occur.

Reduce the evaporation rate and increase the ventilation of fresh air by opening the flight opening.

Incompatibilities

Not known. Do not use with other acaricides.

DISPOSAL: Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

Dispose the solution by carefully adding to at least 10 fold amount of water. Dispose diluted solution into waste water treatment system. Rinsed packaging materials may be recycled.

FORMIVAR should not enter water courses as this may be dangerous for fish and other aquatic organisms.

DATE ON WHICH THE PACKAGE LEAFLET WAS LAST APPROVED
99.12.9999

OTHER INFORMATION

PE bottle with a child-proof closure cap.

Bottle size: 1 litre

Zulassungsnummer BBBBBBBBBBBBBBB