

## **LABEL- PACKAGE LEAFLET**

### **1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

Apitraz 500 mg bee-hive strips for honey bees

### **2. COMPOSITION**

Each 27.6 g strip contains:

**Active substance:**

Amitraz.....500 mg

White rectangular plastic strip with two tabs and a marker fold line.

### **3. PACKAGE SIZE**

10 strips of 300 mm x 40 mm

10 strips of 250 mm x 48 mm.

### **4. TARGET SPECIES**

Honey bees – *Apis mellifera*

### **5. INDICATIONS FOR USE**

Treatment of external parasitosis in honey bees caused by *Varroa destructor*.

### **6. CONTRAINDICATIONS**

None

### **7. SPECIAL WARNINGS**

All colonies in the same apiary should be treated simultaneously to avoid reinfestation by robbery.

Do not re-use the strips.

It is recommended not to use the product before the end of the honey producing season of the year. See also '10. Advice on correct administration' and '11. Withdrawal periods'.

Bee colonies should be monitored routinely for the level of varroa mite infestation during treatment and also for a period thereafter.

The product should be used as part of an integrated varroa control program.

Inappropriate use of the product could result in an increased risk of resistance development and could ultimately result in ineffective therapy.

Amitraz resistance has been reported in some populations of Varroa mites.

In countries with recognized amitraz resistance or in case of suspicion of amitraz resistance, the use of the product should ideally be based on results of susceptibility testing (e.g. Beltsville test). Please speak to your veterinarian or local bee inspector for further information.

The safety and efficacy of the product has only been investigated in hives with a single brood chamber (dose of 2 strips per hive/brood chamber). No information is available on the safety and efficacy in hives with more than one brood chamber.

In the presence of brood and depending upon the initial infestation level, an adequate mite reduction above 95% is expected to occur at the end of the 10-weeks of treatment.

Special precautions for safe use in the target species:

The safety profile for the product has not been established in weak colonies, i.e. those colonies containing a number of bees that is lower than expected for the time of year.

Do not exceed or reduce the recommended dose and recommended duration of use.

Remove the strips at the end of treatment.

Special precautions to be taken by the person administering the veterinary medicinal product to animals:

This veterinary medicinal product contains amitraz, which can lead to neurological side-effects in humans.

Amitraz is a monoamine oxidase inhibitor (MAOI); therefore, people taking MAOI-containing medication should take particular care.

Handle and open container with care to minimise the potential for inhalation.

This veterinary medicinal product may cause skin sensitisation, allergic reactions and eye irritation.

Personal protective equipment consisting of impervious gloves and the usual beekeeping protective clothing should be worn when handling the veterinary medicinal product.

Avoid contact with skin. In case of contamination, wash thoroughly with soap and water.

Avoid contact with eyes. In case of contact, rinse with plenty of water immediately.

If irritation occurs, seek immediate medical advice and show the package leaflet or label to the physician.

Do not eat, drink or smoke during its use.

Wash your hands thoroughly after use.

In case of accidental ingestion or inhalation, seek medical advice immediately and show the label to the physician.

Special precaution for the protection of the environment:

Do not throw strips or empty sachets in ponds or streams, as the product could be dangerous for fish and aquatic organisms.

Interaction with other medicinal products and other forms of interaction

The toxicological effect of the amitraz is increased in the presence of copper salts and the therapeutic activity decreases in the presence of piperonyl butoxide. Use of either of these substances with the product should be avoided.

Do not use any other parasiticide product at the same time.

Overdose (symptoms, emergency procedures, antidotes), if necessary

One and half times the recommended dose, for a period of 8 weeks has been administered and results in a slightly higher number of dead bees compared to the recommended posology.

No overdose studies have been conducted when the product is applied for 10 weeks.

## **8. ADVERSE REACTIONS**

None known.

Reporting adverse events is important. It allows continuous safety monitoring of a product. If you notice any side effects, even those not already listed on this label or you think that the medicine has not worked, please contact, in the first instance, your veterinarian. You can also report any adverse event to the marketing authorisation holder using the contact details at the end of this label, or via your national reporting system {<https://www.gov.uk/report-veterinary-medicine-problem>}.

## **9. DOSAGE FOR EACH SPECIES, ROUTE AND METHOD OF ADMINISTRATION**

In-hive use.

Use two strips per hive, (i.e. 1 g of amitraz per hive), and hang each strip between two frames of honeycomb inside the brood area or the bee cluster with a minimum distance of two frames between strips.

Place the strips between frames where the bees exhibit the greatest mobility. Hang the strips in such a way as to provide bees with free access to both sides, whilst maintaining bee space.

Hive types:

- Hives type Dadant (Strips of 300 mm x 40 mm), place one strip between the third and the fourth honeycombs and the other between the seventh and eighth honeycombs.
- Hives type Layens (Strips of 300 mm x 40 mm), place one strip between the fifth and sixth honeycombs and the other between the ninth and tenth honeycombs.
- Hives type Langstroth (Strips of 250 mm x 48 mm), place one strip between the third and the fourth honeycombs and the other between the seventh and eighth honeycombs.

## **10. ADVICE ON CORRECT ADMINISTRATION**

In the absence of brood or when the amount of brood is at its lowest level, strips may be removed after 6 weeks of treatment. In the presence of brood, strips must only be removed after 10 weeks of treatment.

The strips should not be cut.

Strips should be repositioned, if necessary, in case of changes in the bee cluster or brood area.

Precautions of use and application timetable:

The recommended time for treatment is when honey supers are not present after the last honey harvest (late summer/autumn) and before spring honey-flow period. Infestation monitoring is recommended to determine the best time for treatment. Remove the strips before the honey flow starts.

Levels of brood and climatic conditions must be considered prior to product application.

The product should be applied when the bees are still active, i.e. before the bees form a winter cluster, the exact timing of which can vary between climatic zones.

## **11. WITHDRAWAL PERIODS**

Honey: zero days

Do not use during honey flow. Do not extract honey from the brood chamber.

Do not harvest honey during the 6-week or 10-week treatment period.

Brood combs should be replaced with new foundation at least every three years.  
Do not recycle brood frames as honey frames.

## **12. SPECIAL STORAGE PRECAUTIONS**

Keep out of the sight and reach of children.

Do not store above 25°C.

Do not use this veterinary medicinal product after the expiry date which is stated on the combined label and leaflet after Exp. The expiry date refers to the last day of that month.

Shelf-life after first opening the immediate packaging: Use immediately.

## **13. SPECIAL PRECAUTIONS FOR DISPOSAL**

Medicines should not be disposed of via wastewater.

This veterinary medicinal product should not enter water courses as amitraz may be dangerous for fish and other aquatic organisms.

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

Ask your veterinary surgeon or pharmacist how to dispose of medicines no longer required.

## **14. CLASSIFICATION OF VETERINARY MEDICINAL PRODUCTS**

Veterinary medicinal product not subject to prescription.

AVM-GSL

## **15. MARKETING AUTHORISATION NUMBERS AND PACK SIZES**

Vm 20634/5001

### **Pack sizes:**

Sachet containing 10 strips of 300 mm x 40 mm

Sachet containing 10 strips of 250 mm x 48 mm

Not all pack sizes may be marketed.

## **16. DATE ON WHICH THE LABEL WAS LAST REVISED**

March 2023

Find more product information by searching for the Product Information Database 'PID' on [www.gov.uk](http://www.gov.uk).

## **17. CONTACT DETAILS**

Marketing authorisation holder and manufacturer responsible for batch release and contact details to report suspected adverse reactions:

LABORATORIOS CALIER, S.A.  
Barcelonès, 26 – Pla del Ramassà  
Les Franqueses del Vallès  
(Barcelona), Spain  
[pharmacovigilance@calier.es](mailto:pharmacovigilance@calier.es)

## **18. OTHER INFORMATION**

## **19. THE WORDS “FOR ANIMAL TREATMENT ONLY”**

For animal treatment only.

## **20. EXPIRY DATE**

EXP:  
Once opened, use immediately.

## **21. BATCH NUMBER**

Lot:

## 22. THE WORDS “KEEP OUT OF THE SIGHT AND REACH OF CHILDREN”

Keep out of the sight and reach of children.

Approved 28 April 2023

