OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

July 18, 2025

SENT BY EMAIL

Wendy McCombie
wendy.mccombie@tsgconsulting.com
VETO-PHARMA SAS

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 - correct minor typo
Product Name: Apivar
Admin Number: 87243-5
EPA Receipt Date: 03/17/2025
Action Case Number: 00648475

Dear Wendy McCombie:

The U.S. Environmental Protection Agency is in receipt of your application for notification under Pesticide Registration Notice 98-10 for the above referenced product. The EPA has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have questions, please contact Loren Lapointe via email at lapointe.loren@epa.gov.

Sincerely,

Loren LaPointe for

Melissa Bridges, Product Manager 07
IVB3, RD
Office of Pesticide Programs

[bracketed text denotes alternative or optional language]

NOTIFICATION
87243-5
The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:
07/18/2025

Apivar® 2.0

Strips for the in-hive control of Varroa mites (which may cause varroosis) on honey bees

ACTIVE INGREDIENT:	
Amitraz: N'-(2,4-dimethylphenyl)-N-[[(2,4-dimethylphenyl)imino]methyl]-N-methylmethanimidamide	3.00%
OTHER INGREDIENTS:	97.00%
TOTAL:	100.00%

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
IF ON SKIN OR CLOTHING:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For TRANSPORTATION EMERGENCIES, call 24 hours a day CHEMTREC 1-800-424-9300. For MEDICAL EMERGENCY, call 24 hours a day ProPharma Group 1-866-257-2596. .	

Refer to [back] [side] [other] [panel] [peel back] [package insert] for [first aid and additional precautionary statements] and [Directions for Use]

EPA Reg. No. 87243-~~L~~5
EPA Est. No. 87243-FRA-001

Manufactured [by] [for]:
Véto-pharma S.A.S.
12/14 rue de la Croix-Martre
91120 Palaiseau - FRANCE
US PHONE NUMBER: (+1) 719-992-7872

PRECAUTIONARY STATEMENTS

HAZARS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Harmful if swallowed. Causes moderate eye irritation.

Personal Protective Equipment (PPE)
All Handlers (including Applicators) must wear: long-sleeved shirt and long pants, shoes, socks, and chemical resistant gloves made out of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride ≥ 14 mils, viton ≥ 14 mils

User Safety Requirements
Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

-Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
-Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS
For terrestrial uses: This product is toxic to fish and aquatic invertebrates. Do not contaminate water when disposing of used strips or packaging.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Apivar® 2.0 is a sustained-release plastic strip designed for use in beehives to control the parasitic mite (*Varroa destructor*) on honey bees.

For varroa treatment - Remove honey supers before application of Apivar® 2.0. In each brood chamber use 1 Apivar 2.0 strip per 5 frames of bees (FoB).

# FoB	≤ 5	6 - 10	11 - 15	≥ 16
# strips	1	2	3	4

Install Apivar® 2.0 strips in the hive immediately after opening package.

DO NOT USE STRIPS WHEN HONEY SUPERS ARE PRESENT.

Separate the double strip and hang each strip between two comb frames inside the brood area or the bee cluster, with a minimum distance of 2 frames between strips. Suspend Apivar® 2.0 strips using the hanging system in the brood chamber in such a way that the bees can walk on both sides of the strips. Leave strips inside the hive for at least 42 days. If brood is not present, strips can be removed after 42 days. If brood is present, leave strips in the hive for 70 days. Strips must be removed after a maximum of 70 days. Hang Apivar® 2.0 strips in the hives in the spring and/or the fall if varroa mite infestations have reached treatment threshold. It is recommended to check and potentially reposition and scrape the strips (to remove propolis, wax and honey residues) at mid treatment in the bee cluster.

DO NOT use Apivar® 2.0 more than 2 times a year. DO NOT use more than once in spring and once in fall. Remove all Apivar® 2.0 strips before the honey flow starts. As soon as the strips are removed from the hive, honey supers can be placed on the hive. DO NOT re-use strips.

If mite infestation reaches treatment thresholds in fall, remove surplus honey supers before using Apivar® 2.0.

Withholding period for honey collection:
Zero day withholding period. Honey supers may be placed on the hive immediately after removal of Apivar® 2.0 strips from the hive.

Resistance management:
Any mite population may contain individuals naturally resistant to Apivar® 2.0 and other similar EPA-registered miticides. The resistant individuals may dominate the mite population if this group of miticides is used repeatedly in the same location. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed.

To delay miticide resistance:

- Where possible, rotate the use of Apivar® 2.0 or other similar miticides with different groups that control the same pests.
- Miticide use should be based on an Integrated Pest Management (IPM) program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- Correctly identify the pest and ensure economic and agronomic thresholds are met before treatment.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact your local extension specialist.

- Do not leave strips in colonies for greater than the designated 70 days maximum.

RESTRICTIONS:

- For in-hive use only.
- DO NOT use Apivar® 2.0® strips when honey supers are present.
- DO NOT use Apivar® 2.0 strips in honey supers.
- Remove honey supers before application of Apivar® 2.0.
- Remove Apivar® 2.0 before placing honey supers.
- Strips must be removed after a maximum of 70 days.
- DO NOT re-use strips.
- DO NOT use Apivar® 2.0 more than 2 times a year; no more than once in spring and once in fall.
- DO NOT use any other varroa treatment at the same time

STORAGE AND DISPOSAL Do not contaminate water, food or feed by storage or disposal.	
PESTICIDE STORAGE:	Store in a cool, dry area, out of direct sunlight, and away from other pesticides that may contaminate the strips. To prevent contamination, store unused product in the original container and away from food or feed. Amitraz is known to be sensitive to oxidation, so the product should not come into contact with any known oxidizers.
PESTICIDE DISPOSAL:	To avoid waste, use all strips in this container by application according to label directions. Wrap used strips in newspaper and place in the trash.
CONTAINER HANDLING:	Nonrefillable container. Do not reuse or refill this container. Dispose of in a sanitary landfill or by incineration. DO NOT burn.

Warranty and Disclaimer: This product is to be used only in accordance with the directions on the label. To the extent consistent with applicable law, the user assumes the risk to persons or property that arises from any use of the product in a way that is inconsistent with the label.

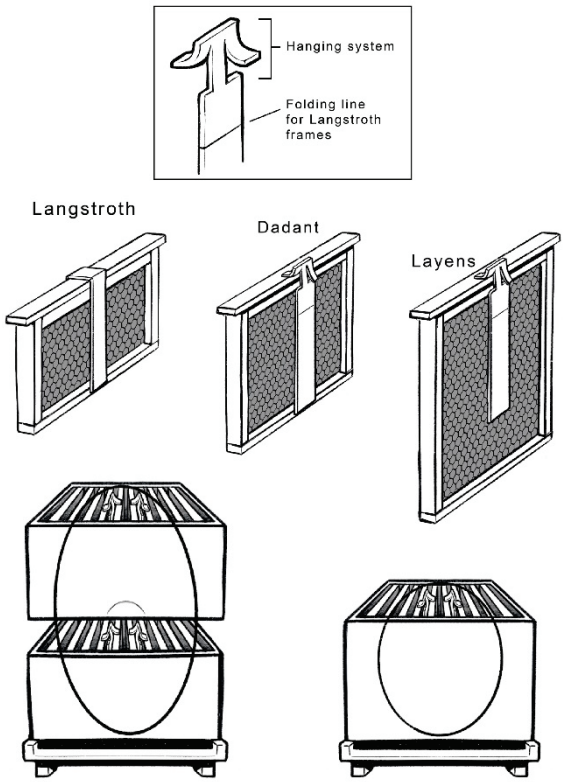
NET CONTENTS: [2.35][7][35.2] oz. ([66.7][200][1,000] g.)
Contains [4][12][60] [plastic] strips
Expiration date: 24 months
Batch number/Date of manufacture: See [edge] [back] [front] of pack

[Note to Reviewer: Optional Logos and Statements below]

[Committed to apiculture]

[Image of honeybee – image below]

[Image of instruction to user on placement of strips – image below]



Optional Marketing claims – Note to Reviewer – [bracketed] text is optional or alternate phrasing of statements

Manufacturing Claims

1) Apivar® 2.0 is manufactured in France to the highest quality standards
2) The Apivar® 2.0 strip provides consistent results, is not harmful for the bees, and meets or exceeds stringent [manufacturing] quality standards.
3) Formulated by beekeeping experts for beekeepers
4) Véto-pharma controls the entire Apivar® 2.0 production chain from the supply of primary materials to release on the market. This means that Véto-pharma is able to guarantee the high quality of Apivar® 2.0, in accordance with regulations in the different countries where the product is registered.
5) Apivar® 2.0 is manufactured in a GMP facility
6) High quality product
7) Strict analysis and Quality Control process of each batch before marketing.
8) Apivar® 2.0 strips are vacuum-packed to preserve the[ir] active ingredient.

Preservation Claims

9) Install Apivar® 2.0 strips in the hive immediately after opening the package.

Mode of Action Claims

10) Apivar® 2.0 is an amitraz-based apiary product that treats not just one generation of Varroa mites, but several successive generations, reducing mite populations in the hive in [1] [one] [a single] application.
11) The formulation of Apivar® 2.0 strips has been developed to continuously release amitraz over 6-10 weeks, killing several successive generations of Varroa mites.
12) Apivar® 2.0 works by slow-release technology. Varroa mite populations fall through the duration of the treatment.
13) The formulation of Apivar® 2.0 is specifically designed to provide a large decrease in mite populations during the first 3 weeks of treatment.
14) A long-acting treatment like Apivar® 2.0 kills several successive generations of Varroa mites during the treatment period.
15) Amitraz is a miticide that paralyzes Varroa mites. Varroa can no longer hold on to the bees and fall to the bottom of the hive, leading to their starvation.
16) The formulation of Apivar® 2.0 is specifically designed to ensure a regular release of amitraz on the surface of the strip during the duration of treatment.
17) Amitraz migrates from the inside of the strip to the surface upon contact with bees.
18) The polymer strip was chosen for its rigidity and its ability to continuously release the active ingredient over a 6-10 week period.
19) Apivar® 2.0 works by contact: the active ingredient is continuously delivered over time. As bees [get] [move] in contact with the strip's surface, they pick up molecules of the active ingredient and then distribute them throughout the colony.
20) The active ingredient is delivered continuously during the treatment period.

Application Claims

21) Effective in [One] single application
22) [Provides] Long period of protection: 6 to 10 weeks of treatment with only one application
23) Convenient and easy to use
24) Apivar® 2.0 can be used in the presence of queen cells or non-mated young queens.
25) Quick and easy to use
26) Easy way to treat your colonies against varroa mites
27) No temperature constraint when using Apivar 2.0®, following Directions for Use.
28) Apivar® 2.0 can be used as a spring treatment (before spring honey production) and as a late summer / autumn treatment.
29) Strips can [remain] [be left] in the hive between 6 to 10 weeks depending on the size of the brood area.
30) Apivar® 2.0 can be introduced as soon as hive activity resumes in the spring, or after the withdrawal of supers, even when outside temperatures are high, without risk to the colony.
31) The larger the area of brood is, the longer the strips should be left in the hive within a maximum treatment period of 10 weeks.
32) Hang Apivar® 2.0 strips in the hives in the spring and/or the fall if Varroa mite infestations have reached treatment threshold.
33) Place the strips in such a way that bees can have free access to both sides.
34) Effectiveness is tied to contact between bees and strips
35) Promote as much contact as possible
36) More contact = better distribution of amitraz in the colony
37) Check the position of the strips in the brood nest during the treatment and, readjust them if needed. Scrape the strip to remove wax or propolis
38) If you discover that the brood area has moved away from the Apivar® 2.0 strips, relocate the strips to the brood area and lengthen the treatment period up to 70 days maximum to ensure maximum efficiency.
39) Reposition and scratch the strips if necessary.
40) Repositioning and scratching of the strips improves the efficacy of the treatment.

Resistance Management Statements

41) Leave strips inside the hive for 42-70 days, and then remove.
42) At the end of treatment, remove the strips.
43) To avoid encouraging the development of resistance, do not leave the strips in place throughout the winter season.
44) Apivar® 2.0 strips are not biodegradable. Dispose of strips of after treatment in accordance with local regulations and the Storage and Disposal instructions.

Additional Claims

45) Specifically formulated for bee hives.
46) Attach system specifically designed for the most common types of hives, including Langstroth, Dadant, and Layens.
47) Longer strips to promote more contacts of the bees with the strips

48) Apivar® 2.0 is not harmful to bees and hive products thanks to the quality of its components and its controlled-release technology.
49) Not harmful to brood and bees
50) No brood mortality induced by Apivar® 2.0 at recommended labeled rate.
51) No negative effect to brood or queens
52) No negative effect for brood or bees

Distribution Statements

53) Available from your US beekeeping supplier
54) State of California:

⚠ Notice: This product contains a chemical known to CA to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.