

Net contents: **10** plastic strips


# Apivar

## For the control of mites (varroaosis) on honey bees

GROUP **19** INSECTICIDE

British Columbia

Commercial • For emergency use only

For sale and use in ~~alberta, saskatchewan, manitoba, new brunswick, nova scotia, and prince edward island~~ from august 26 2008 to April 27, 2009

Reg. N°. 29092 PCP ACT  
Read the label before using

October 8, 2008

Guarantee: amitraz ..... 3.33%

### Harmful - May cause skin sensitisation.

#### Precautions:

Keep out of reach of children. Keep strips in original, unopened packaging, away from foodstuffs. Avoid inhalation of product vapour when opening the sealed packet of strips. Avoid contact with skin and eyes and wear latex gloves when handling the strips. Wash hands thoroughly with soap and water after use. May be harmful if absorbed through the skin. Harmful if inhaled.

Do not eat, drink or smoke whilst using.

#### Very toxic to fish and other aquatic organisms.

Avoid contamination of any water supply with strips or empty container.

#### First aid

##### If on Skin/clothing:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

##### 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 centre or doctor for treatment advice.

##### If inhaled:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

Never give anything by mouth to an unconscious person. Have the product container or label with you when calling a poison control centre or doctor, or going for treatment.

#### Toxicological information:

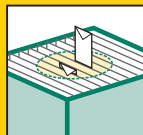
Amitraz acts primarily as an  $\alpha$ 2-adrenergic receptor agonist. Symptoms of poisoning may include central nervous system depression (drowsiness, dizziness, and decreased heart rate), skin irritation, eye irritation, and transient skin flushing. Phentolamine and Yohimbine may be useful antidotes.

#### General:

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

#### Directions for Use

**For varroa treatment** - To control varroa mite, remove honey supers before application of Apivar®. Use 2 Apivar® strips per brood chamber. 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® strips 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 42 days, and then remove. In case of movement inside the beehive far from the strips, a repositioning of the strips should be done into the bee cluster, and the strips left in place for 14 more days before removal. Strips must be removed after a maximum of 56 days. DO NOT re-use the strips.



**Timing:** Hang Apivar® strips in the hives in spring before the first honey flow if varroa mite infestations have reached treatment threshold.

**DO NOT USE APIVAR® STRIPS WHEN HONEY SUPERS ARE PRESENT.**

If mite infestation is severe, colonies are to be treated in the autumn after all surplus honey has been removed from the hive. Remove honey supers before use of Apivar® strips. For a spring 2009 application, **ALL** strips **MUST** be removed by **April 27, 2009**. Consult provincial guidelines for more information on varroa control.

**Withholding period for honey collection:** Do NOT use while honey supers are present.

Wait 14 days after removing strips before placing honey supers on hive.

#### Resistance-management recommendations

For resistance management, please note that Apivar® contains a Group 19 insecticide. Any insect population may contain individuals naturally resistant to Apivar® and other Group 19 insecticides. The resistant individuals may dominate the insect population if this group of insecticides 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 insecticide resistance:

- Where possible, rotate the use of Apivar® or other Group 19 insecticides with different groups that control the same pests.
- Insecticide use should be based on an 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 provincial extension specialist.

#### Storage and disposal:

Store at ambient room temperature, out of direct sunlight, and away from other pesticides that may contaminate the strips. To prevent contamination store this product away from food or feed.

Disposal: beekeepers must consider any unused product and strips after removal from beehives as hazardous waste.

Disposal method: in accordance with local authority regulations, take to hazardous waste disposal site or incineration plant. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

Shelf life: when stored appropriately, this product should show no significant degradation for two years from date of manufacture.

#### Notice to user

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

Registrant in Canada and owner of the product and trademark Apivar®: Vêto-pharma S.A. - 14 avenue du Québec - 91140 Villebon-sur-Yvette - FRANCE

Expiry date: 24 months / Batch Nr, Date of Manufacture: See on the edge of pack