



Regina & District Bee Club

Apivar Program

The Club facilitates the sale of individual Apivar strips to members. The 2019 price per strip is \$4.

Background

Apivar is one of many Varroa mite treatments, and is currently recommended as a spring treatment for honey bees in Saskatchewan. Varroa mites are an external parasite that attach to honey bee bodies and weakens bees by sucking their fat. Once weakened, bees become susceptible to several other diseases, and a significant mite infection will lead to the death of a colony. Varroa mites are prevalent in Saskatchewan and must be treated in order to maintain healthy bees. No treatment will ultimately lead to the death of the hive.

How this program works:

1. The Treasurer orders 50-strip Apivar packages from Bee Maid. The Treasurer sets a new price each spring based on costs.
2. The Treasurer provides the strips, tally sheets (see below) and nitrile gloves to the Club's Program Co-ordinator. Then, prior to accepting the Apivar product, the Program Co-ordinator reads the label and agrees to abide by all instructions found on the label.
3. Members contact the Program Co-ordinator, who has the Apivar strips available in ziplock plastic bags for sale.
 - *Typically for a double colony, members order in multiples of four strips.*
 - *The strips can often be purchased at the same date/time as the Bulk Shipping pick-up in Regina on the third Friday of the month between 5-6:00 p.m., where Bee Club members go to Manitoulin Transport located at 385 Henderson Drive in Regina to collect Bulk Shipping Program orders.*
4. Once an order is made, the Program Co-ordinator takes a photocopy or photo of the label, including lot number and expiry date, and provides it to the Member by hard copy, then, while wearing nitrile gloves, places the strips for that order into the plastic bag.
5. Bee Club members pay the Program Co-ordinator for their order by cheque or cash and receive their bagged strips. If the member requires a receipt, it will be provided.
6. The Program Co-ordinator records the orders on the tally sheet and provides the cash to the Treasurer for deposit and repeats the cycle.

Cautions

Apivar is regulated under the Pest Control Products Act and must be used only in accordance with the directions on the label. To ensure personal and food safety, anyone selling or purchasing Apivar through the Club must read the label and strictly follow all label instructions.

Application methods can change, so the official hard-copy label directions take precedence over recommendations provided on the label shown in this document. The Member should not use the product once the expiry date/shelf life instructions on the label have passed.

Beekeepers are discouraged from using Apivar multiple times a year because of the risk that bees will develop resistance to Apivar, which would therefore make the product ineffective. Instead, beekeepers are encouraged to use Apivar in the spring. Then if, through alcohol wash testing, it is determined that additional mite treatments are required during the same year, other treatment options should be applied. For more information about other treatment options, Saskatchewan beekeepers should consult the Agriculture Ministry's Beelines publication:
<http://www.publications.gov.sk.ca/deplist.cfm?d=20&c=3675>

How to access Apivar strips:

Contact Janine Heinrich at 306-527-6736.

Updated March 2019

Sample Apivar Label from 2015.

Members are accountable to access a current label prior to applying the product.

Net contents: **10** plastic strips

COMMERCIAL
For sale and use
in Canada

apivar®
STRIPS

**Insecticide - Impregnated fabric for the control
of mites (varroaosis) on honey bees**

REG. N°: 29092 PCP ACT
READ THE LABEL BEFORE USING
Guarantee: Amitraz... 3.3%

GROUP 19  **CAUTION
POISON**
INSECTICIDE

Nr FoB	≤5	6-10	11-15	≥16
Nr Strips	1	2	3	4

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

DIRECTION FOR USE: For Varroa treatment - To control Varroa mite, remove honey supers before application of Apivar®. Use 2 Apivar® strips per brood chamber (e.g. 1 strip per 5 Frames of Bees FoB). 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. Do not handle more than 200 strips (100 pairs) per person per day. Wear chemical resistant gloves (e.g. nitrile) when handling the strips. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by disposal of used strips and packaging.



TIMING: Hang Apivar® strips in the hives in the spring or the fall if Varroa mite infestations have reached treatment threshold. All Apivar® strips should be removed 2 weeks before the honey flow starts. **DO NOT USE APIVAR® STRIPS WHEN HONEY SUPERS ARE PRESENT.** If mite infestation reaches treatment thresholds in autumn, remove surplus honey supers before using Apivar®. 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.

PRECAUTIONS:
**Harmful - May cause skin sensitisation.
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 chemical resistant gloves (e.g. nitrile) 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. Avoid contamination of any water supply with strips or empty container.

ENVIRONMENTAL HAZARDS:
Toxic to aquatic organisms.

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. Call a poison control centre or doctor for further treatment advice. **If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. **Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.**

TOXICOLOGICAL INFORMATION:
Amitraz acts primarily as an α2-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.

STORAGE:
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 AND DECONTAMINATION:
Dispose of packaging and used strips in accordance with provincial requirements. 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.

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.

Public inquiries:
ALBERTA HONEY PRODUCERS COOPERATIVE LTD.
70 Alberta Ave. Box 3909
Spruce Grove, Alberta, T7X 3B1
T: 780-962-5573

Registrant in Canada and owner of the product
and trademark Apivar®: Vétopharma S.A.
14 avenue du Québec - Z.A. Courtaboeuf
91140 Villebon sur Yvette - FRANCE
www.vetopharma.com
www.apivar.net

Vétopharma
Commercial et vétérinaire

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

BATCH NR: 151300 - MFG DATE: NOV-04-2015

CAN0309014

Sample Inventory Control and Deposit Reconciliation Form

Regina and District Bee Club

Apivar Reconciliation

March 28, 2018

	Date	Units	Purchase Price
Starting Inventory	March 2, 2018	20	\$50.00
Purchased	May 4, 2018	20	\$50.00

Inventory and Value	40	\$100.00
Sell Price		\$4.00

Member	Date	Units	Remaining Inventory	Sell Price	<i>Paid By / For Deposit</i>	
					Cash	Cheque
Jane Doe	March 2, 2018	4	36	\$16.00	20	
John Smith	April 1, 2018	8	28	\$32.00		40
Larry Nelson	May 2, 2018	12	16	\$48.00	60	
			16	\$0.00		
			16	\$0.00		
			16	\$0.00		
			16	\$0.00		
Total					\$80.00	\$40.00

Payment collected by:

Payment received for deposit by:
