

**Bayvarol**  
**Insert (English)**

<Elanco Logo>

GROUP	<b>3</b>	INSECTICIDE
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Bayvarol

Beehive Pest Control Strip

Insecticide

Impregnated material

for control of varroa mites in honey bee colonies

COMMERCIAL

GUARANTEE: Flumethrin sum of the trans-Z isomers .....3.6 mg per strip

REGISTRATION No. 32503 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND INSERT BEFORE USING

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 20 Strips

Elanco Canada Limited  
1919 Minnesota Court, Suite 401  
Mississauga, Ontario L5N 0C9

39 PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Wear long-sleeved shirt, long  
40 pants, chemical-resistant gloves (e.g., nitrile gloves), socks and shoes when handling  
41 the strips. Leather beekeeping gloves must not be worn when handling this product.  
42 Wash hands thoroughly with soap and warm water after removing gloves.  
43 Do not expose honey intended for human consumption directly to Bayvarol Strips. After  
44 treatment, do not use beeswax for human consumption. Flumethrin is toxic to fish. Do  
45 not contaminate aquatic systems by storage or disposal of Bayvarol strips.  
46 Do not use strips while honey supers are present in the beehives.

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48 If this pest control product is to be used on a commodity that may be exported to the  
49 U. S. and you require information on acceptable residue levels in the U. S. visit CropLife  
50 Canada's website at [www.croplife.ca](http://www.croplife.ca).

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52 DIRECTIONS FOR USE:

53 Bayvarol strips are intended for in-hive use for control of parasitic mites (*Varroa*  
54  *destructor*) on honey bees. Normally developed colonies receive a maximum of four  
55 strips per brood chamber. Nuclei and young colonies and newly collected swarms  
56 receive two strips.

57 Remove honey supers before application of Bayvarol strips Just before application,  
58 remove the required number of Bayvarol strips from the pouch(es). Unused strips  
59 should remain in original packaging.

60  
61 Distribute strips over the central bee space in each brood chamber. Strips are  
62 suspended into the spaces between frames in the central brood rearing area in such a  
63 way that they can be occupied by bees on both sides. Both tabs are bent outwards in  
64 the same direction at the marked fold lines and hooked over the top edge of the wooden  
65 frame (see Fig. 1).

66  
67 For large colonies occupying more than one brood chamber, strips can be joined  
68 together end-to-end which enables their insertion into and removal from the bee spaces  
69 without having to separate the brood chambers (see Fig. 2).

70  
71 Fig. 1



Fig. 2



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74 Strips are not to be used during honey flow periods. Remove Bayvarol Strips from the  
75 colonies after a six week (42-day) treatment period.

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77 Best efficacy is to be expected when Bayvarol Strips are used in late summer after the  
78 honey harvest. To ensure effective treatment, varroa mites should be monitored for  
79 resistance prior to applying Bayvarol strips.

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## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that Bayvarol Beehive Pest Control Strip contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to Bayvarol Beehive Pest Control Strip and other Group 3 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 Bayvarol Beehive Pest Control Strip or other Group 3 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 Elanco Canada Limited at 1-800-265-5475.

### FIRST AID:

**If ingested:** 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.

**If on skin or 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 inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further 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.

Take container, label or product name and Pest Control Product Registration Number with you, when seeking medical attention.

126 TOXICOLOGICAL INFORMATION: Treat symptomatically.

127

128 ENVIRONMENTAL HAZARDS

129 TOXIC to aquatic organisms. DO NOT contaminate irrigation or drinking water supplied  
130 or aquatic habitats by disposal of used strips and packaging.

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132 STORAGE: Keep strips in original, unopened package until ready to use. Do not store  
133 above 25°C. Do not store unused strips in anything but original package. Do not store  
134 unused strips near pesticides or other chemical substances that could contaminate the  
135 strips and result in bee toxicity. Do not contaminate food, feed or water by the storage  
136 and/or disposal of this product.

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138 DISPOSAL: Do not reuse the strips or empty packaging. Dispose of packaging (foil  
139 wrap) and the used strips in accordance with provincial requirements. For information  
140 on disposal of unused, unwanted product, contact the manufacturer or the provincial  
141 regulatory agency. Contact the manufacturer and the provincial regulatory agency in  
142 case of a spill, and for clean-up of spills.

143

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

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154 <Elanco Logo>

**Bayvarol**  
**Carton (English)**

GROUP	<b>3</b>	INSECTICIDE
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155  
156 Bayvarol  
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158 Beehive Pest Control Strip  
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160 Insecticide  
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162 Impregnated material  
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164 for control of varroa mites in honey bee colonies.

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166 COMMERCIAL

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171 REGISTRATION No. 32503 PEST CONTROL PRODUCTS ACT

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174  
175 KEEP OUT OF REACH OF CHILDREN

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177 NET CONTENTS: 20 Strips

178  
179 Elanco Canada Limited  
180 1919 Minnesota Court, Suite 401  
181 Mississauga, Ontario L5N 0C9  
182 1-800-265-5475  
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197 Bayvarol is a sustained release plastic strip designed for use in beehives to control  
198 parasitic mites (*Varroa destructor*) on honey bees

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202 USE.

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**Foil Pouch (English)**

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Beehive Pest Control Strip

Insecticide

Impregnated material

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