



**Australian Government**  
**Australian Pesticides and  
Veterinary Medicines Authority**

**PERMIT TO ALLOW SUPPLY AND EMERGENCY USE OF AN UNREGISTERED AGVET  
CHEMICAL PRODUCT FOR SURVEILLANCE, SUPPRESSION OR CONTROL OF  
VARROA MITES IN HONEYBEE COLONIES AT CROP POLLINATION**

**PERMIT NUMBER – PER92639**

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a Supplier (as indicated) to possess the product for the purposes of supply and to supply the product to a person who can use the product under permit. This permit also allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows the Permit Holder, the Supplier (if not one and the same) and any person stipulated below to claim that the product can be used in the manner specified in this permit.

**THIS PERMIT IS IN FORCE FROM 28 JULY 2022 TO 30 NOVEMBER 2022**

**Permit Holder:**

NSW DEPARTMENT OF PRIMARY INDUSTRIES  
105 Prince Street  
ORANGE NSW 2800

**Supplier:**

NSW DEPARTMENT OF PRIMARY INDUSTRIES  
105 Prince Street  
ORANGE NSW 2800

BIOSECURITY QUEENSLAND  
Level 3C East, Ecosciences Precinct  
41 Boggo Road  
DUTTON PARK QLD 4102

AGRICULTURE VICTORIA  
475 Mickleham Road  
ATTWOOD VIC 3049

DEPARTMENT OF PRIMARY INDUSTRIES & REGIONS SOUTH AUSTRALIA  
33 Flemington Street  
GLENSIDE SA 5065

**Persons who can use the product under this permit:**

Persons generally who have been authorised by the relevant state and territory government Departments of Agriculture, Primary Industries, or equivalent.

## CONDITIONS OF USE

### Products to be used:

BAYVAROL STRIPS

AN UNREGISTERED PRODUCT

Containing: 3.6 mg/strip FLUMETHRIN as the only active constituent.

### RESTRAINTS:

For use ONLY by persons who are suitable trained, experienced and qualified in the use of veterinary chemicals and are competent in the handling and management of honeybees.

### Directions for Use:

Situation	Pest	Rate
Honeybee hives in place for the 2022 pollination season	Varroa mite ( <i>Varroa destructor</i> )	<u>Normal colonies:</u> 4 strips/brood box  <u>Nuclei colonies:</u> 2 strips/colony  Leave strips in place for: 1 – 6 days (surveillance) 3 – 6 weeks (suppression) 6 – 8 weeks (control)  Then remove from the colony.

### Critical Use Comments:

- The Supplier must provide a copy of this permit to apiarists whose hives are treated under this permit, prior to, or at the time of product application.
- Suspend strips between combs in the central brood rearing area (e.g. between frames 3 and 4, and 7 and 8 in ten frame hives).
- The use for 3 – 6 weeks may only achieve suppression of any mites which may be present. For control, strips should be used for a period of 6 – 8 weeks.
- For large colonies with several brood chambers two strips can be joined together end to end, which enables their insertion and removal without having to separate brood chambers.
- Do not suspend strips in honey supers.
- If treated when supers are present, comb honey must not be sold.
- Residues may result in wax of the honeycomb if strips are used during peak honey flow or when supers are present. Honey must be tested for residues if hives are treated while honey supers are in.
- Residues must not exceed 0.005 mg/kg in honey. If residues exceed 0.005 mg/kg - honey cannot be sold for human consumption, and it must be discarded.
- Do not apply more frequently than every 6 – 8 weeks.
- Do not apply more than 9 times per annum.
- Where possible, rotate the use of Bayvarol Strips with other products with different modes of action. Note that products containing tau-fluvalinate (e.g. Apistan) and Bayvarol Strips have the same mode of action.

### Withholding Period:

Honey: Not required when used as directed.

Comb Honey: DO NOT make comb honey available for human consumption if hives are treated when supers are present.

**Safety Directions:**

Precautions: Avoid contact with skin.

Mixing or Using: When opening the container, preparing the product for use and using the product, wear gauntlet length chemical resistant gloves.

After use: Wash hands after use

**First Aid Instructions:**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

**Re-entry/Rehandling Statement:**

The use of gauntlet-length chemical resistant gloves is recommended any time the miticide strips are handled, including on removal of the strips from the beehives.

**Jurisdiction:**

NSW, QLD, VIC and SA only.

**Additional Conditions:**

This permit allows for the use of a product in a manner specified on the permit. Persons who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the details and conditions of this permit. Unless otherwise stated, the use of the product must be in accordance with the product label at **Attachment 1**.

The holder of the permit must notify the APVMA of new information, including relevant information in accordance with section 161 of the Schedule to the *Agricultural and Veterinary Chemicals Code Act 1994*, in accordance with the obligation imposed by that section.

*Supply*

The supplier must supply the product in a container that complies with the requirements of section 18 of the Agricultural and Veterinary Chemicals Code Regulations. Attached to this container must be a label which is identical in content and format to the label at **Attachment 1**.

*Record keeping*

Maintain records of all treatments performed under this permit. Details must include the date and locations where treatments occurred, the total amount of product used, and the names and addresses of the persons undertaking the use. These details must be maintained for a minimum period of two years from the date of expiry of this permit, and must be made available to the APVMA upon request.

*Export of treated produce*

Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human consumption. A TMRL has been established for flumethrin in honey. MRLs can be found in the *Agricultural and Veterinary Chemicals Code Instrument No. 4 (MRL Standard)*. MRLs apply only to produce marketed and consumed in Australia. If treated produce is to be exported, residues must not exceed the limits/tolerances of the importing country.

Issued by the Australian Pesticides and Veterinary Medicines Authority

NOTE: Permit issued 28/07/2022 as version 2 to add SA as a supplier and jurisdiction.

## Attachment 1

Foil printed label

Keep out of reach of children

### **Bayvarol Strips**

Approved under the Animal Products (Ancillary and Transitional Provisions)  
Act 1999

Registered pursuant to the ACVM Act 1997, No. P5683

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Contains 0.54 g/kg flumethrin in the form of an impregnated polymer strip.  
(Each strip contains 3.6 mg flumethrin)

Contents: 4 strips.

Batch:

Expiry:

Cardboard carton (front panel)

Keep Out of Reach of Children

### **Bayvarol Strips**

For the diagnosis and control of Varroa mites in beehives

20 [800] Strips

Contains 0.54 g/kg flumethrin in the form of an impregnated polymer strip.  
(Each strip contains 3.6 mg flumethrin)

Pictogram of a bee

For honey bees.

## Attachment 1

(Cardboard carton back panel 20 strip- second panel main label 800 strip)  
**[Bayvarol Strips]** – *not on the 800 strip label*

**Parasiticide for the diagnosis and therapy of flumethrin sensitive Varroa on bees.**

### Directions for use

**By law, this product must only be used according to label instructions.** Do not open the strips until immediately prior to use. Once opened the strips should be used and discarded within 6 – 8 weeks.

Bayvarol strips are suspended into the spaces between the combs in the central brood rearing area (i.e. **not** in the honey supers) in such a way that they can be occupied by bees on both sides. Bend both tabs outwards in the same direction at the marked fold lines and hook over the top edge of the wooden frame. (See Figure 1)

For large colonies occupying several brood chambers two strips can be joined together end to end which enables their insertion into and removal from the bee spaces without having to separate the brood chambers. (See Figure 2)

(Figure x 2 explaining the two paragraphs above)

### Dosage:

Normally developed colonies receive four (4) strips per brood chamber. Nuclei and young colonies and newly collected swarms use two (2) strips per chamber (half dose).

Large colonies occupying several brood chambers use four strips per chamber, which are distributed over the central bee spaces in each brood chamber. Avoid the strips coming into contact with honey to be harvested for human consumption.

### When to use:

Best efficacy is to be expected when Bayvarol is used in the late summer after the honey harvest. The strips should not be used during peak honey flow periods. However, Bayvarol can be used at any time of the year for diagnosis or in severe infestations where there is a threat to the survival of the colony. If emergency treatment for an infestation is necessary while honey supers are present comb honey should not be sold. It is important that strips are not re-used.



## Attachment 1

### 1. Diagnosis:

Bayvarol Strips are inserted into the colony for 24 hours. Before inserting the strips cover the floor tray with a clean sheet of paper. This is then checked for the presence of dead Varroa mites 24 hours later.

### 2. Treatment:

Bayvarol Strips should be left in the colonies for six to eight weeks and then removed.

### Resistance Management

Intensive use of Bayvarol could result in the development of resistant strains of mites. To minimise this risk use Bayvarol strictly in accordance with the label directions. It is a requirement to alternate the use of Bayvarol with products from other chemical groups.

Flumethrin belongs to the synthetic pyrethroid group of chemicals.

### READ LABEL BEFORE USE

#### Precautions

Wash hands after handling the strips, before meals and after work.

#### Environmental Protection

May cause long lasting harmful effects to aquatic organisms. Avoid contamination of any water supply with product.

### Storage

Store below 25°C in a cool dry place away from food.

### Disposal

Dispose of used strips safely by wrapping in paper and placing them in domestic refuse.

### ELANCO NEW ZEALAND

106 Wiri Station Road, Manukau, Auckland 2104.

Customer Info Line: 0800 446 121

Approved under the Animal Products (Ancillary and Transitional Provisions) Act 1999

Registered pursuant to the ACVM Act 1997, No. P5683

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

BAYVAROL is a trademark of Elanco.

Batch:

Expiry:

