



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

**PERMIT TO ALLOW SUPPLY AND MINOR USE OF AN UNREGISTERED AGVET  
CHEMICAL PRODUCT FOR CONTROL OF VARROA MITES IN HONEYBEE COLONIES**

**PERMIT NUMBER – PER95037**

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 1 NOVEMBER 2024 TO 30 SEPTEMBER 2025**

**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

ACT ENVIRONMENT, PLANNING AND SUSTAINABLE DEVELOPMENT  
DIRECTORATE – ENVIRONMENT  
480 Northbourne Avenue  
DICKSON ACT 2602

AGRICULTURE VICTORIA  
475 Mickleham Road  
ATTWOOD VIC 3049



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

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

Commercial suppliers in all states except TAS, for supply for use in the jurisdictions where use is approved.

**Note:** As these products are unregistered, an import consent must be requested, and must be in place with the APVMA for each supplier importing product from any overseas country, including New Zealand. This is in addition to any other relevant import permits from other Australian Government Departments.

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

Persons generally, within the designated jurisdictions.

## CONDITIONS OF USE

### Products to be used:

BAYVAROL STRIPS

AN UNREGISTERED PRODUCT

Containing: 0.54 g/kg FLUMETHRIN (3.6 mg/strip) as the only active constituent.

### RESTRAINT:

DO NOT make comb honey or beeswax from frames from treated hives available for human consumption or for use with food at any point.

### Directions for Use:

Situation	Pest	Rate
For control of Varroa mites in managed hives of European honeybees	Varroa mite ( <i>Varroa destructor</i> )	4 strips/ brood box, or 2 strips / nuclei colony.  Leave strips in place for 6 – 8 weeks, then remove from the colony.

### Critical Use Comments:

- **Signal Heading:** CAUTION
- Where possible, rotate the use of strips with other products with different modes of action. Note that the actives in Apistan (tau-fluvalinate) and Bayvarol Strips (flumethrin) have the same mode of action.
- Do not suspend strips in honey supers.
- 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).
- 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 apply more frequently than every 6 – 8 weeks.
- Any honey extracted from the brood box must be tested for residues prior to sale for human consumption.
- **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.
- A copy of the label approved for supply of this product can be found at **Attachment 1**.

### Withholding Period:

Harvest:

Honey: Not required when used as directed.

### Jurisdiction:

NSW, ACT, VIC and QLD 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**.

Note: The permit over-rides any label statement where there appears to be a conflict in conditions or instructions.

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 product label at **Attachment 1**.

As shown in the attachment, for all product manufactured after 29 September 2023, the product label must carry the appropriate signal heading. The signal heading may be applied as an over sticker, and must be applied without obscuring any other label text. The signal heading must be applied in accordance with the APVMA Veterinary Labelling Code.

A copy of this permit must be supplied with the product.

***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 or state department staff of the relevant jurisdiction, upon request.

*Export of treated produce*

Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human consumption. TMRLs have 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

**CAUTION**

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:

**CAUTION**

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 – Bayvarol Label

(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 – Bayvarol Label

### 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:

