



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

**PERMIT TO ALLOW SUPPLY AND EMERGENCY USE OF AN UNREGISTERED
AGVET CHEMICAL PRODUCT FOR SURVEILLANCE OF MITES INCLUDING
EUVARROA MITES IN HONEYBEE COLONIES**

PERMIT NUMBER – PER94464

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 16 FEBRUARY 2024 TO 30 JUNE 2026

Permit Holder and Supplier:

DEPARTMENT OF PRIMARY INDUSTRIES & REGIONAL DEVELOPMENT
1 Nash Street
PERTH WA 6000

Persons who can use the product under this permit:

Persons who have been authorised by the WA Department of Primary Industries and Regional Development.

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.

APISTAN

AN UNREGISTERED PRODUCT

Containing: 100 g/kg TAU-FLUVALINATE (824 mg/strip) as the only active constituent.

RESTRAINT:

For Bayvarol and Apistan - 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 surveillance or diagnosis of mites in managed hives of European honeybees.	Parasitic mites of honeybees, including: Euvarroa mites	Bayvarol Strips <u>Surveillance/diagnosis:</u> 4 strips/ brood box. Leave strips in place for 1 – 6 days, then remove from the colony.
		Apistan <u>Surveillance/diagnosis:</u> 2 strips/ brood box. Leave strips in place for 1 – 6 days, then remove from the colony.

Critical Use Comments:

- 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.
- Limited efficacy data has been provided for mites, therefore, caution is required in the interpretation of surveillance results. Multiple methods of surveillance should be employed whenever possible.

Bayvarol Strips

- Signal Heading:** CAUTION
- 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.

Apistan

- **Signal Heading:** POISON
- 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).
- Do not apply more frequently than every 6 – 8 weeks.
- Do not apply more than 9 times per annum.
- Treat hives in the spring before honey supers have been added (i.e. before first honey flow). If mite infestation is severe a second application can be made in the autumn after honey supers have been removed (i.e. all surplus honey has been removed from the hive).
- Strips should not be used during peak honey flow as residues may result in the wax of the honeycomb.
- 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.

Withholding Period:

Bayvarol Strips

Harvest:

Honey: Not required when used as directed.

Apistan

Harvest:

Honey: Not required when used as directed.

Jurisdiction:

WA 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 or 2**.

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 or 2**.

As shown in the attachments, 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.

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. TMRLs have been established for flumethrin and tau-fluvalinate in honey. MRLs can be found in the *Agricultural and Veterinary Chemicals (MRL Standard for Residues of Chemical Products) Instrument 2023*. 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: 29/10/2025 – Permit expiry extended to 30/06/2026. Permit issued as Version 2.

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 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 for registration conditions.

BAYVAROL is a trademark of Elanco.

Batch:

Expiry:





10 x 10 APISTAN® STRIPS



APISTAN®

10 x 10 APISTAN® STRIPS

POISO

HARMFUL: Keep out of reach of children
ECOTOXIC

APISTAN®

For the diagnosis and control of Varroa mites in beehives

Active ingredient: Contains 100g/kg tau-fluvalinate in the form of an impregnated polymer strip. (Each strip contains 824mg tau-fluvalinate).



TOXIC/IRRITANT



CHRONIC



ECOTOXIC

DANGER – Harmful if swallowed. Causes serious eye irritation. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Precautions

Keep out of reach of children. Read label before use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep strips in original, unopened packaging, away from foodstuffs. Avoid inhalation of product vapour and oral exposure 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. Do not eat, drink or smoke whilst using. If medical advice is needed, have product container or label at hand. Get medical advice/attention if you feel unwell. Rinse mouth. Collect spillage. IF SWALLOWED: Call a POISON CENTER (0800 764 766) or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

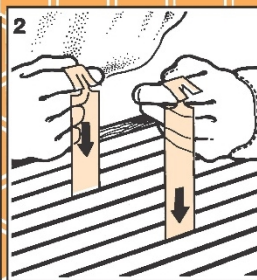
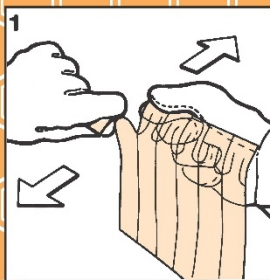
Storage and disposal: Store locked up. Store below 25°C, out of direct sunlight, and away from other pesticides that may contaminate the strips. Dispose of according to Local Regulations or Authorities. Burn used strips if circumstances, especially wind direction, permit, otherwise bury with empty packaging in a suitable landfill.

Very toxic to fish and aquatic organisms. With long lasting effects.
Avoid contamination of any water supply with strips or empty container.

Hazardous to terrestrial invertebrates.

General: Apistan is a slow release impregnated polymer strip designed for use in beehives to control the parasitic mite (Varroa destructor) on honey bees.

Resistance Management: Intensive use of Apistan could result in the development of resistant strains of mites. To minimise this risk use Apistan strictly in accordance with the label directions. It is recommended to alternate the use of Apistan with products from other chemical groups.



By law this product must only be used as specified in the label content.

DIRECTIONS FOR USE

Wear latex gloves when handling strips.

Removing strips: The strips are bonded together in one sheet. To separate strips, hold firmly at corner near tab (see illustration), and pull along the scored line from top to bottom. Unused strips should remain in the original package.

Control of Varroa mite

Dosage rate: Use 2 Apistan strips per brood chamber. Hang each strip within two comb frames of the edge of the bee cluster, i.e. between frames 3 and 4 and between frames 7 and 8. Apistan strips are suspended in the brood chamber in such a way that the bees can walk on both sides of the strips. To suspend the strips between the frames, twist out the wings of each strip (see illustration).

Do not place strips in the honey supers.

Duration: The strips should not be removed from the hive for at least 6 weeks, but to minimise the development of mite resistance, the strips should not be left longer than 8 weeks. Do not reuse strips.

Timing: Treat hives in the spring before honey supers have been added (i.e. before the first honey flow). If the mite infestation is severe a second application can be made in the autumn after honey supers have been removed (i.e. all surplus honey has been removed from the hive).

Diagnosis of Varroa mites (surveillance method)

The strips are inserted into the colony for 24 hours only. Before inserting the strips, cover the floor tray with a clean sheet of paper. This is checked for the presence of dead varroa mites 24 hours later.

Withholding period: Not for use when honey supers are present in hive.

Disposal: Ensure strips are disposed of in an appropriate manner as stated in the Precautions box.

Registered pursuant to the ACVM Act 1997, No. P5684.

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, Approval Code HSR000319

See www.epa.govt.nz for approval controls.

©Apistan is the registered trademark of Vita (Europe) Limited, UK.

Registrant: Vita (Europe) Limited, London St, Basingstoke, Hampshire RG21 7PG, UK.

NZ Agent: Ceracell Beekeeping Supplies (NZ) Ltd, 23 Ra Ora Drive, East Tamaki, AKL 2013;

Freephone: 0800 237223

Batch No. and **Expiry date:** see side of carton.

Net contents: 10 x 10 polymer strips.



beehealth

10 x 10 APISTAN® STRIPS

1516/15



10 x 10 APISTAN® STRIPS



APISTAN®

10 x 10 APISTAN® STRIPS

POISON

HARMFUL: Keep out of reach of children
ECOTOXIC



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ECOTOXIC

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Storage and disposal: Store locked up. Store below 25°C, out of direct sunlight, and away from other pesticides that may contaminate the strips. Dispose of according to Local Regulations or Authorities. Burn used strips if circumstances, especially wind direction, permit, otherwise bury with empty packaging in a suitable landfill.

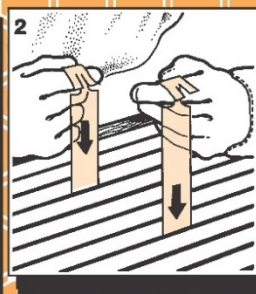
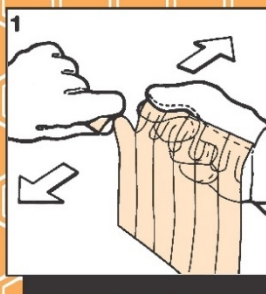
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Dosage rate: Use 2 Apistan strips per brood chamber. Hang each strip within two comb frames of the edge of the bee cluster, i.e. between frames 3 and 4 and between frames 7 and 8. Apistan strips are suspended in the brood chamber in such a way that the bees can walk on both sides of the strips. To suspend the strips between the frames, twist out the wings of each strip (see illustration).

Do not place strips in the honey supers.

Duration: The strips should not be removed from the hive for at least 6 weeks, but to minimise the development of mite resistance, the strips should not be left longer than 8 weeks. Do not reuse strips.

Timing: Treat hives in the spring before honey supers have been added (i.e. before the first honey flow). If the mite infestation is severe a second application can be made in the autumn after honey supers have been removed (i.e. all surplus honey has been removed from the hive).

Diagnosis of Varroa mites (surveillance method)

The strips are inserted into the colony for 24 hours only. Before inserting the strips, cover the floor tray with a clean sheet of paper. This is checked for the presence of dead varroa mites 24 hours later.

Withholding period: Not for use when honey supers are present in hive.

Disposal: Ensure strips are disposed of in an appropriate manner as stated in the Precautions box.

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