



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

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

PERMIT NUMBER – PER94055

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 29 SEPTEMBER 2023 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

Commercial suppliers, with head office names and addresses as listed in **Attachment 4**.

Persons who can use the product under this permit:

Persons generally, within the designated jurisdictions.

CONDITIONS OF USE

Products to be used:

FORMIC PRO

AN UNREGISTERED PRODUCT

Containing: 422.55 g/kg FORMIC ACID (68 g/strip) as the only active constituent.

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 control of Varroa mites in managed hives of European honeybees	Varroa mite (<i>Varroa destructor</i>)	Formic Pro 2 strips/ hive. Leave strips in place for 7 days then remove from the colony.
		Bayvarol Strips 4 strips/ brood box, or 2 strips / nuclei colony. Leave strips in place for 6 – 8 weeks, then remove from the colony.
		Apistan 2 strips/ brood box, or 1 strip/ nuclei colony. Leave strips in place for 6 – 8 weeks, 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.

Formic Pro

- Signal Heading:** CAUTION
- Place strips in beehive by opening sachet and placing the two strips directly into the hive. Leave in place for 7 days.
- Only use when daytime high temperature is between 10 and 29.5. Hot temperatures (>33C during the first three days of treatment) may lead to excessive bee, brood and queen loss.
- Safety Directions:** Operators must use Personal Protective Equipment

(PPE) as indicated on the label (see Attachment 1).

- **First aid instructions:** If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, DO NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
- **Storage:** Keep locked up. Do not store above 25°C (air conditioning). Only store in original container indoors, out of direct sunlight, in a dry and well-ventilated area, away from sulphuric acid, oxidizing agents, and sources of ignition. Avoid heat, sparks, and open flames. Keep containers tightly closed.
- **Disposal:** Dispose by wrapping in paper, placing in plastic bag and putting in garbage.
- **GMP Licencing:** Compliance with 61(3A) of Agricultural and Veterinary Chemicals Code Regulations 1995, and Part 2, section 5 of the Agricultural and Veterinary Chemicals (Manufacturing Principles) Determination 2014 is not required for the step of manufacture; 'release for supply'.

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 before honey supers have been added (i.e. before first honey flow). If mite infestation is severe a second application can be made 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:

Formic Pro

Harvest:

Honey: Do not harvest for 2 weeks from the end of the treatment.

Bayvarol Strips

Harvest:

Honey: Not required when used as directed.

Apistan

Harvest:

Honey: Not required when used as directed.

Jurisdiction:

NSW and ACT 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 appropriate product label at **Attachment 1, 2 or 3**.

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 appropriate product label at **Attachment 1, 2 or 3**.

As shown in the attachments, for all product manufactured after the date of the start of this permit, 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 and tau-fluvalinate 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: 01/11/2023 – Permit updated to add commercial suppliers, update product name for Mite Away Quick Strips Plus to Formic Pro, and to attach Formic Pro labels. Permit issued as Version 2.

Attachment 1 – Formic Pro



APPROVED PURSUANT TO THE HSNO ACT 1996, APPROVAL CODE: HSR100672

Registered pursuant to the ACVM Act 1997, No.P9489

see www.foodsafety.govt.nz for registration conditions

CARTON CONTAINS

REGISTERED TO: NOD APIARY PRODUCTS LTD.
374 Sidney Street, Trenton,
Ontario, Canada K8V 2V2
www.nodglobal.com
Product Information Contact:
(001) 613-398-8422 or info@nodglobal.com

NEW ZEALAND AGENT: PF CONSULTANTS
P.O. Box 4352 Hamilton East,
Hamilton, 3247, New Zealand
(021) 0225-4588



KEEP OUT OF REACH OF CHILDREN

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS



PRODUCT
OF CANADA



READ THE ENCLOSED PACKAGING LEAFLET FOR FULL APPLICATION INSTRUCTIONS BEFORE USING THIS PRODUCT

For treatment of Varroosis caused by *Varroa destructor* in honey bees (*Apis mellifera*)

Active ingredient 422.55g/kg formic acid in the form of vapour releasing strips.

USER SAFETY PROCEDURES AND PERSONAL PROTECTIVE EQUIPMENT (PPE):

DANGER

Causes severe skin burns and eye damage. Harmful if swallowed. Harmful if inhaled. Have rinse water readily available. Do not eat, drink or smoke when using this product. Use only outdoors or in well ventilated areas. Do not breathe vapours.

Wear coveralls or long-sleeved shirt and long pants, socks and closed-toe footwear, suitable formic acid resistant gloves (PVC, neoprene, or nitrile), and protective eyewear. Use caution when opening the packaging, especially in warm weather. After use, rinse off gloves before removal, wash hands thoroughly after handling. Clean PPE after each use. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash contaminated clothing before reuse. Use detergent and hot water. Wash separately from other laundry.

FIRST AID TREATMENT



- Rinse mouth thoroughly, do NOT induce vomiting.



- Remove all contaminated clothing immediately, rinse skin or hair thoroughly with water.



- Rinse cautiously with water for several minutes, remove contact lenses if present and easy to do. Continue rinsing.



- Remove to fresh air and keep at rest in a position comfortable for breathing.

- If medical advice is needed for any of the above, have product container or label at hand and contact the **National Poison Centre 0800 POISON (0800 764 766) or a doctor immediately**
- May be corrosive to metals. Keep in original container.
- Absorb spillage to prevent material damage.

NOTICE TO USER

This product can be corrosive to metals.

ENVIRONMENTAL HAZARDS

Harmful to aquatic life. Harmful to terrestrial vertebrates. Avoid release to the environment.

STORAGE AND DISPOSAL

STORAGE

Keep locked up. Store indoors, in original container, out of direct sunlight, in a cool, dry and well-ventilated area, away from sulphuric acid, oxidizing agents, and sources of ignition. Avoid heat, sparks, and open flames. Keep containers tightly closed.

FOR DISPOSAL OF UNUSED, UNWANTED, OR DAMAGED PRODUCT

Contact the manufacturer at 001-613-398-8422, email: info@nodglobal.com

SACHET DISPOSAL

Rinse with water or air dry empty sachet, wearing PPE, and then dispose of according to local regulations.

CONTAINER DISPOSAL

Place in refuse or offer for recycling if available in compliance with local regulations.

IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS



EXPIRY:

BATCH CODE:

Attachment 1 – Formic Pro

CAUTION



APPROVED PURSUANT TO THE HSNO ACT 1996, APPROVAL CODE: HSR100672
Registered pursuant to the ACVM Act 1997, No.P9489
see www.foodsafety.govt.nz for registration conditions

NET CONTENTS

REGISTERED TO: NOD APIARY PRODUCTS LTD.
374 Sidney Street, Trenton,
Ontario, Canada K8V 2V2
www.nodglobal.com
Product Information Contact:
(001) 613-398-8422 or info@nodglobal.com

NEW ZEALAND AGENT: PF CONSULTANTS
P.O. Box 4352 Hamilton East,
Hamilton, 3247, New Zealand
(021) 0225-4588



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HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS



PRODUCT
OF CANADA



READ THE ENCLOSED PACKAGING LEAFLET FOR FULL APPLICATION INSTRUCTIONS BEFORE USING THIS PRODUCT

For treatment of Varroosis caused by *Varroa destructor* in honey bees (*Apis mellifera*)

Active ingredient 422.55g/kg formic acid in the form of vapour releasing strips.

USER SAFETY PROCEDURES AND PERSONAL PROTECTIVE EQUIPMENT (PPE):

DANGER

Causes severe skin burns and eye damage. Harmful if swallowed. Harmful if inhaled. Have rinse water readily available. Do not eat, drink or smoke when using this product. Use only outdoors or in well ventilated areas. Do not breathe vapours.

Wear coveralls or long-sleeved shirt and long pants, socks and closed-toe footwear, suitable formic acid resistant gloves (PVC, neoprene, or nitrile), and protective eyewear. Use caution when opening the packaging, especially in warm weather. After use, rinse off gloves before removal, wash hands thoroughly after handling. Clean PPE after each use. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash contaminated clothing before reuse. Use detergent and hot water. Wash separately from other laundry.

EXPIRY:

BATCH CODE:

SEE BACK OF POUCH

FIRST AID TREATMENT

 IF SWALLOWED	• Rinse mouth thoroughly, do NOT induce vomiting.
 IF ON SKIN (OR HAIR)	• Remove all contaminated clothing immediately, rinse skin or hair thoroughly with water.
 IF IN EYES	• Rinse cautiously with water for several minutes, remove contact lenses if present and easy to do. Continue rinsing.
 IF INHALED	• Remove to fresh air and keep at rest in a position comfortable for breathing.
• If medical advice is needed for any of the above, have product container or label at hand and contact the National Poison Centre 0800 POISON (0800 764 766) or a doctor immediately	
• May be corrosive to metals. Keep in original container.	
• Absorb spillage to prevent material damage.	

NOTICE TO USER

This product can be corrosive to metals.

ENVIRONMENTAL HAZARDS

Harmful to aquatic life. Harmful to terrestrial vertebrates. Avoid release to the environment.

STORAGE AND DISPOSAL

STORAGE

Keep locked up. Store indoors, in original container, out of direct sunlight, in a cool, dry and well-ventilated area, away from sulphuric acid, oxidizing agents, and sources of ignition. Avoid heat, sparks, and open flames. Keep containers tightly closed.

FOR DISPOSAL OF UNUSED, UNWANTED, OR DAMAGED PRODUCT

Contact the manufacturer at 001-613-398-8422, email: info@nodglobal.com

SACHET DISPOSAL

Rinse with water or air dry empty sachet, wearing PPE, and then dispose of according to local regulations.

CONTAINER DISPOSAL

Place in refuse or offer for recycling if available in compliance with local regulations.

IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS



NZ-FP-2F-003

Attachment 1 – Formic Pro

For hives with single or double brood chambers place treatment on the top bars of the frames of the lower brood chamber. No additional rim should be used.

Lay two strips, staggering them so they lay flat and across the full width of the brood chamber, with approximately 5 cm between strips and 10 cm between the ends of the brood chamber and the outer edges of the strips. Refer to the Application Options pictogram.

Put on a honey super complete with frames at time of application if necessary to provide adequate space for strong colonies to expand, or if a honey flow is expected. It is acceptable to have queen excluders in place.

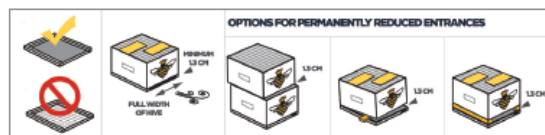
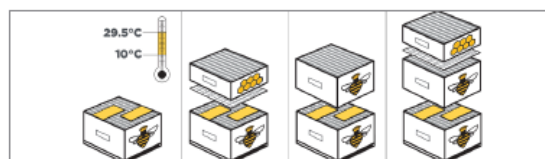
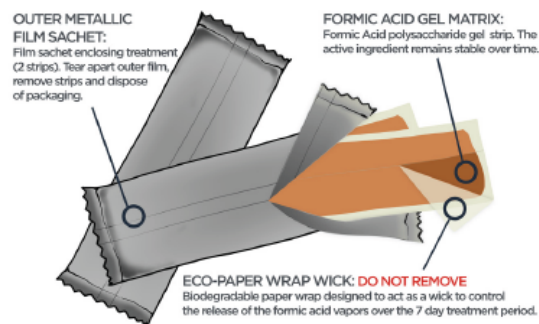
Allow a minimum of one month between applications. Do not mix with other miticides.

POST APPLICATION: Colonies are expected to expand the cluster as part of controlling vapor concentration during the first 3 days of treatment. Bearding behavior may be observed. Do not disturb the colony during the 7-day treatment period. Natural birth and death rate is 1500 bees per day. As part of treatment, up to 2 cups (i.e. 1,200) of dead bees maybe observed at the entrance. Check for queen-right one month after application. Spent strips do not need to be removed at the end of the treatment period. When removed, dispose of by composting when allowed by local regulations. Always follow applicable disposal regulations.

WARRANTY STATEMENT:

To the extent consistent with applicable law, the pesticide manufacturer, or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product, or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.

FORMIC PRO™ COMPONENTS



CAUTION



APPROVED PURSUANT TO THE HSNO ACT 1996, APPROVAL CODE: HSR100672

Registered pursuant to the ACVM Act 1997, No. P9489

see www.foodsafety.govt.nz for registration conditions



KEEP OUT OF REACH OF CHILDREN



HAZARDOUS TO HUMANS
AND DOMESTIC ANIMALS

**READ THE ENCLOSED PACKAGING LEAFLET
FOR FULL APPLICATION INSTRUCTIONS BEFORE
USING THIS PRODUCT**



PRODUCT
OF CANADA

REGISTERED TO: NOD APIARY PRODUCTS LTD.

374 Sidney Street, Trenton,
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P.O. Box 4352 Hamilton East,
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(021) 0225-4588

For treatment of Varroosis caused by
Varroa destructor in honey bees (*Apis mellifera*)

Active ingredient **422.55g/kg formic acid in the form
of vapour releasing strips.**

NZ-FP-PL-003

Attachment 1 – Formic Pro

USER SAFETY PROCEDURES AND PERSONAL PROTECTIVE EQUIPMENT (PPE):

DANGER

Causes severe skin burns and eye damage. Harmful if swallowed. Harmful if inhaled. Have rinse water readily available. Do not eat, drink or smoke when using this product. Use only outdoors or in well ventilated areas. Do not breathe vapours.

Wear coveralls or long-sleeved shirt and long pants, socks and closed-toe footwear, suitable formic acid resistant gloves (PVC, neoprene, or nitrile), and protective eyewear. Use caution when opening the packaging, especially in warm weather. After use, rinse off gloves before removal, wash hands thoroughly after handling. Clean PPE after each use. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash contaminated clothing before reuse. Use detergent and hot water. Wash separately from other laundry.

+ FIRST AID TREATMENT	
 IF SWALLOWED	•Rinse mouth thoroughly, do NOT induce vomiting.
 IF ON SKIN (OR HAIR)	•Remove all contaminated clothing immediately, rinse skin or hair thoroughly with water.
 IF IN EYES	•Rinse cautiously with water for several minutes, remove contact lenses if present and easy to do. Continue rinsing.
 IF INHALED	•Remove to fresh air and keep at rest in a position comfortable for breathing.
•If medical advice is needed for any of the above, have product container or label at hand and contact the National Poison Centre 0800 POISON (0800 764 766) or a doctor immediately •May be corrosive to metals. Keep in original container. •Absorb spillage to prevent material damage.	

NOTICE TO USER: This product can be corrosive to metals.

ENVIRONMENTAL HAZARDS

Harmful to aquatic life. Harmful to terrestrial vertebrates. Avoid release to the environment.

STORAGE AND DISPOSAL

STORAGE

Keep locked up. Store indoors, in original container, out of direct sunlight, in a cool, dry and well-ventilated area, away from sulphuric acid, oxidizing agents, and sources of ignition. Avoid heat, sparks, and open flames. Keep containers tightly closed.

FOR DISPOSAL OF UNUSED, UNWANTED, OR DAMAGED PRODUCT

Contact the manufacturer at 001-613-398-8422, email: info@nodglobal.com

SACHET DISPOSAL

Rinse with water or air dry empty sachet, wearing PPE, and then dispose of according to local regulations.

CONTAINER DISPOSAL

Place in refuse or offer for recycling if available in compliance with local regulations.

IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS

WITHHOLDING PERIOD

Do Not Harvest Honey for 2 Weeks from End of Treatment

Treatment period is 7 days

GENERAL INFORMATION

Formic Pro® is a formic acid polysaccharide gel strip wrapped in eco-paper, which acts as a wick to control the release of the formic acid vapours. Formic acid is a bio-pesticide which is a natural component of honey. The excipients in the strips are saccharides. Appearance and texture of the strips may vary.

RESISTANCE MANAGEMENT: Mites are not expected to develop resistance to Formic Acid, rotation is not necessary. Formic Pro® should not be used at the same time as other miticides.

DIRECTIONS FOR USE

TIMING: It is highly recommended to monitor phoretic mite levels monthly and treat when local thresholds are reached. Treat during colony population increase and peak phases to protect the bees going into the honey flow, and then to apply another treatment in the decrease phase to protect the bees that will make up the winter cluster. In warmer climates additional treatments may be necessary due to longer brood rearing time. Missed treatments can lead to excessive varroa loads and may require more than one treatment.

HIVE CONFIGURATION: FORMIC PRO® is designed for use with standard Langstroth equipment or equivalent (e.g. Dadant), single or double brood chamber hives, with the colony cluster covering a minimum of 10,000 bees (approximately six 23 cm deep frames). An entrance must be provided that is the full width of the hive, typically the bottom board entrance, minimum height 1.3 cm. The bottom entrance must be fully open for the entire duration of treatment. Any restriction on the entrance into the brood chamber (e.g. reducer or mouse guard) must be removed to prevent excessive damage to the colonies. Screen bottom boards should be closed off during treatment to prevent formic acid vapor loss. Screen bottoms should not be considered a source of fresh air as bees are not designed to move air up through the screen.

APPLICATION: Outside daytime highs should be between 10 – 29.5°C on day of application. Hot temperatures ($\geq 33^{\circ}\text{C}$ during the first 3 days) may lead to excessive bee, brood and queen loss. Treatment may trigger supercedure of fragile queens, regardless of age. Do not disturb brood chamber frames during the application process. Colonies should have good food reserves prior to treatment, and should not be in-hive fed during the treatment. Once the hive is prepared, carefully remove the strips from the sachet and separate the two strips. **DO NOT REMOVE THE ECO-PAPER WRAP - IT ACTS AS A WICK.**

CAUTION



FORMICPRO

FOR TREATMENT OF VARROOSIS
CAUSED BY VARROA DESTRUCTOR
IN HONEY BEES (APIS MELLIFERA)

CONTAINS ACTIVE
INGREDIENT:

**422.55g/kg formic acid in
the form of vapour
releasing strips**

FOR USE IN BEEHIVES TO
TREAT FOR VARROA MITES

**REMOVE THE STRIPS
FROM THE SACHET,
DO NOT REMOVE THE
PAPER WRAP FROM
THE GEL**

PRODUCED BY:
NOD APIARY PRODUCTS LTD.
374 Sidney Street, Trenton,
Ontario, Canada K8V 2V2
(001) 613-398-8422

NEW ZEALAND AGENT:
PF CONSULTANTS
P.O. Box 4352 Hamilton East,
Hamilton 3247, New Zealand
(021) 0225-4588

Registered pursuant to the
ACVM act 1997, No. P9489

**READ ALL INSTRUCTIONS IN
PACKAGE LEAFLET BEFORE
OPENING.**

see www.foodsafety.govt.nz for
registration conditions

NET CONTENTS

1 DOSE
(2 strips)

BATCH NO:

EXPIRY:

CONTENTS: 323 GMS

NZ-FP-SA-003

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 2 - 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 2 - 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



[Signature]

10 x 10 APISTAN® STRIPS

POISON

HARMFUL: Keep out of reach of children
ECOTOXIC



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.

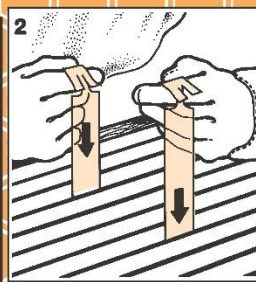
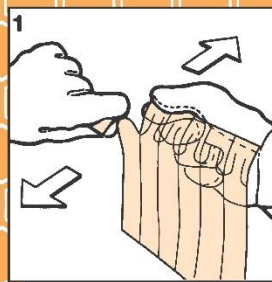
Very toxic to fish and aquatic organisms. With long lasting effects.

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 HSN 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.

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

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.

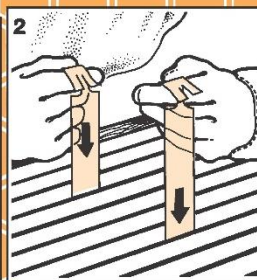
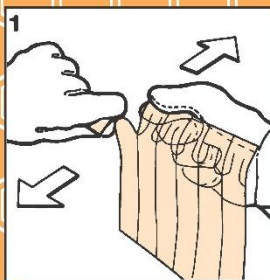
Storage and disposal: Store locked up. Store below 25°C, out of direct sunlight, and away from other pesticides that may contaminate the strips. Dispose of according to Local Regulations or Authorities. Burn used strips if circumstances, especially wind direction, permit, otherwise bury with empty packaging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

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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.

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

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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

Attachment 4 – Head office addresses of approved commercial suppliers for use in the designated jurisdictions

ACE OHLSSON
Stores 7 and 8, Warehouse J
SYDNEY MARKETS NSW 2129

ALL ABOUT BEEKEEPING
21B Station St
DIAMOND CREEK VIC 3089

ARIANWEN'S HONEY
238 Cowper street
GOULBURN NSW 2580

AUSTRALIAN QUEEN BEE LINE PTY LTD
21 Leewood Drive
ORANGE NSW 2800

AUSTWIDE BEEKEEPING SUPPLIES
557 Cabbage Tree Road
WILLIAMTOWN NSW 2318

BEEKEEPING SUPPLIES AUSTRALIA
164 Cobalt St
CAROLE PARK QLD 4300

BEEES R US HONEY AND BEEKEEPING SUPPLIES
69 Duncan Street
BRAIDWOOD NSW 2622

BINDAREE BEEKEEPING SUPPLIES
18 East Street
MURRUMBATEMAN NSW 2582

BOROUGH ONLINE PTY LTD
(Trading as "The Bee Store")
21 Lara Way
CAMPBELLFIELD VIC 3061

BROWNS BEES AUSTRALIA PTY LTD
1560 Collombatti Road
COLLOMBATTI NSW 2440

B&W RURAL
Unit 4/46-50 Bourke Street
DUBBO, NSW, 2830

CARE PACKAGING PTY LTD
3 Olympic Place
KELSO NSW 2795

CENTRAL COAST BEE SUPPLIES
207/12 Pioneer Avenue
TUGGERAH NSW 2261

CERACELL PTY LTD
41 Business Drive
NARANGBA QLD 4504

CERACELL BEEKEEPING SUPPLIES (NZ) LTD
23 Ra Ora Drive
East Tamaki
AUCKLAND 2013 NEW ZEALAND

COFFS BEEKEEPING SUPPLIES
23 Hawkes Drive
WOOLGOOLGA NSW 2456

EC TOBIN & SONS BEEKEEPING SUPPLIES
43 Christie St
RAGLAN NSW 2795

ECROTEK
15E Kerwyn Ave
East Tamaki
AUCKLAND 2013 NEW ZEALAND

ECROTEK: BEEKEEPING SUPPLIES AUSTRALIA
51 Marshalls Lane
BLAYNEY NSW 2799

ELDERS RURAL SERVICES
Unit 4/46-50 Bourke Street
DUBBO, NSW, 2830

FASE GLOBAL ENTERPRISE
2 Factory Street
GRANVILLE NSW 2142

HIVE IQ
4/62 Dacre Street
MITCHELL ACT 2911

HORNSBY BEEKEEPING SUPPLIES
Hornsby and Mount Druitt
Unit 8, 47-51 Jersey street
HORNSBY NSW 2077

Attachment 4 – Head office addresses of approved commercial suppliers for use in the designated jurisdictions

HUNTER VALLEY APIARIES
71 Bakers Lane
KURRI KURRI NSW 2327

PARKER BEEKEEPING SUPPLIES
21 Dunmore Rd
DUNMORE NSW 2529

IN BEES WE TRUST
SYDNEY BEE SHOP
U2 39 Lower Bent Street
NEUTRAL BAY NSW 2089

PENDER BEEKEEPING SUPPLIES
2/72 Munibung Road
CARDIFF NSW 2285

IWOOHOO PTY LTD
Unit 1A
1 Swaffham Rd
MINTO NSW 2566

TAMWORTH BEEKEEPING SUPPLIES
397 Armidale Road
TAMWORTH NSW 2340

J.P. & J.K MAGILL – WILLOWGLEN
33 Ballengara Bransdon Rd
COOPERABUNG NSW 2441

THE GOLD COAST AMATEUR
BEEKEEPERS SOCIETY INC.
74 BillaBirra Cres
NERANG QLD 4211

LOCKWOOD BEEKEEPING SUPPLIES
2319 Mitchell Hwy
VITTORIA NSW 2799

THE URBAN BEEHIVE
Unit 21/19 McCauley Street
MATRAVILLE NSW 2036

LYSON BEEKEEPING SUPPLIES
AUSTRALIA
18B Industrial Avenue
MUDGEES NSW 2850

VALLEY BEES
70 Whitbread Street
TAREE NSW 2430

NEW ZEALAND BEESWAX LTD
44 Gladstone St South
Orari, RD22
GERALDINE 7992, NEW ZEALAND

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