



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 – PER95344

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:

FORMIC PRO

AN UNREGISTERED PRODUCT

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

Directions for Use:

Situation	Pest	Rate
For control of Varroa mites in managed hives of European honeybees	Varroa mite (<i>Varroa destructor</i>)	2 strips/ hive. Leave strips in place for 7 days then remove from the colony.

Critical Use Comments:

- **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'.
- A copy of the label approved for supply of this product can be found at **Attachment 1**.

Withholding Period:

Harvest:

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

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 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.

Issued by the Australian Pesticides and Veterinary Medicines Authority

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.

EXPIRY:

BATCH CODE:

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



Attachment 1 – Formic Pro



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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,
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(021) 0225-4588



PRODUCT
OF CANADA



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

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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**
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NOTICE TO USER

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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.

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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.

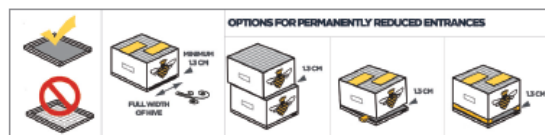
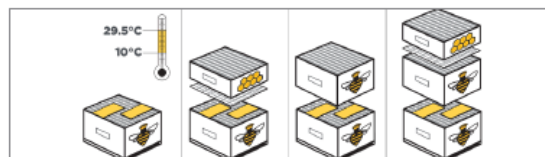
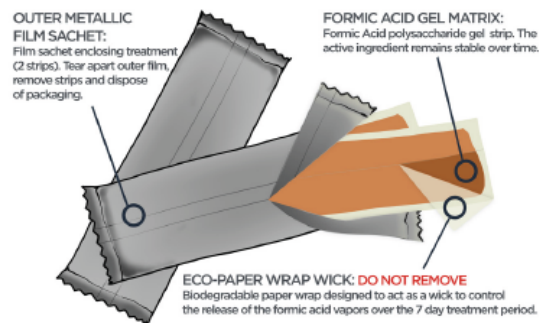
Allow a minimum of one month between applications. Do not mix with other miticides.

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



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1996, APPROVAL CODE: HSR100672

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KEEP OUT OF REACH OF CHILDREN



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

NZ-FP-PL-003




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DANGER

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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.	

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ENVIRONMENTAL HAZARDS

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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.

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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

<div> FORMICPRO <small>FOR TREATMENT OF VARROOSIS CAUSED BY VARROA DESTRUCTOR IN HONEY BEES (APIS MELLIFERA)</small></div> <p>CONTAINS ACTIVE INGREDIENT: 422.55g/kg formic acid in the form of vapour releasing strips FOR USE IN BEEHIVES TO TREAT FOR VARROA MITES</p> <p>REMOVE THE STRIPS FROM THE SACHET, DO NOT REMOVE THE PAPER WRAP FROM THE GEL</p> <p>PRODUCED BY: NOD APIARY PRODUCTS LTD. 374 Sidney Street, Trenton, Ontario, Canada K8V 2V2 (001) 613-398-8422</p> <p>NEW ZEALAND AGENT: PF CONSULTANTS P.O. Box 4352 Hamilton East, Hamilton 3247, New Zealand (021) 0225-4588</p> <div>Registered pursuant to the ACVM act 1997, No. P9489</div> <p>READ ALL INSTRUCTIONS IN PACKAGE LEAFLET BEFORE OPENING. see www.foodsafety.govt.nz for registration conditions</p> <p>NET CONTENTS 1 DOSE (2 strips)</p> <div><p>BATCH NO:</p><p>EXPIRY:</p><p>CONTENTS: 323 GMS</p></div>

NZ-FP-SA-003