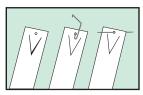




# **DIRECTIONS FOR USE**

#### **Dosage rate**

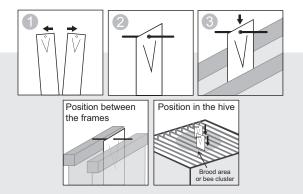
Use 2 Apivar® strips per brood chamber or 1 Apivar® strip per nuclei. Hang each strip within two frames from the edge of the cluster e.g. between frames 3 and 4 and between frames 7 and



8. Apivar® strips are suspended in the brood chamber in such a way that the bees can walk on both sides of the strips. Dose must not exceed the stated dose rate in a fully populated hive.

|                  | Nuclei | Single | Double  |
|------------------|--------|--------|---------|
| Number of frames | ≤ 5    | 6 - 10 | 11 - 20 |
| Number of strips | 1      | 2      | 4       |

If possible, strips should be checked halfway through the treatment interval. If it is noted that the bee cluster has moved away from the strips, reposition the strips into the bee cluster.



**Pro-tip recommendation:** suspending the strips using a toothpick, a nail, or a wire allows the strip to hang perfectly vertical between the frames, giving bees full access to both sides of the strip

### **Timing**



Apivar® is an effective treatment in both the Spring and the Autumn. Start the treatment in early Spring before the first honey flow; if Apivar® is used in the autumn, strips are not to be placed until after all supers containing honey intended for human consumption have been removed. Do NOT use Apivar® while honey supers are present. Recycling of brood frames as honey frames is not advised.

#### **Duration**



The strips must remain in the hive for the full six to ten week treatment period. Treatment strips must be removed after a maximum of **ten weeks of use.** Do NOT re-use the strips.

# Withholding period for honey collection:



All strips must be removed prior to honey flow. Brood frames treated with Apivar® should not be moved into honey supers. Apivar® must not be used while honey supers are present.

Resistance management: Intensive use of Apivar® could result in the development of resistant strains of mites. To minimise this risk use Apivar® strictly in accordance with the label directions. DO NOT use Apivar® for two consecutive treatment periods. It is recommended to alternate the use of Apivar® with products from other chemical groups.

**Strip disposal:** Dispose of strips and empty packaging in a suitable landfill. Strips must not be discarded where they may come in contact with, or be consumed by, food-producing animals.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels of Agricultural Compounds.

Honey produced for human consumption must not be collected during treatment or within 14 days of the removal of treatment strips.



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- Varroa fall rises through the six to ten week treatment period.
- At the end of the six to ten weeks, Apivar efficacy is up to 99%.\*

\*Efficacy tests: Anti-varroa treatments - FNOSAD [National Federation of Departmental Apiarian Health Organizations] - 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015 and 2016 - France

# > Repositioning and scratching the strips to improve Apivar® efficacy

Repositioning of the strips and scratching them during treatment can improve Apivar® efficacy.

Apivar® works by contact only. It is very important to position the strips in an area of high bee activity, typically in the center of the bee cluster. This ensures that bees will come in frequent contact with the strips, thereby distributing amitraz throughout the hive.

To ensure an effective treatment, it is also important to respect Apivar® dosage. If a reduced number of strips is used, bees will have less contact with amitraz, and the treatment may not be effective.

> If possible, strips should be checked halfway through the treatment.

> If it is noted that the bee cluster has moved away from the strips, reposition the strips into the bee cluster.

> If the bees apply propolis or beeswax to the strips, scratch with a hive tool and reposition the strips into the bee cluster.

### > How to observe the efficacy of Apivar®

#### > Apivar's controlled-release technology

The plastic polymer of the Apivar® strips has been developed to continuously release amitraz over the full six to ten week treatment period; killing several successive generations of Varroa mites.

Therefore, Varroa falls in the beginning of Apivar® treatment may be lower than in a flash treatment. This is normal, and does not mean the treatment is ineffective.

A long-acting treatment like Apivar® kills several successive generations of Varroa mites during the six to ten week treatment period. As a result, the colony remains cleaner for longer.

The Apivar pack is vacuumed, to prevent the degradation of amitraz. Once opened, the strips must be used immediately and should not be stored for later use; any unused strips should be properly disposed of according to the instructions.





## In case of heavy infestation

During heavy infestation, the strips can be left for up to ten weeks, but must be removed after this period.

## A question about Apivar®?

The New Zealand Beeswax customer service team, can answer your questions. Contact them at: info@beeswax.co.nz or 03 6939189

These instructions for use are based on New Zealand labeling - ACVM Act 1997 No. P005702

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