DE, EN, FR

Umsteckverfahren ®
- JENTER -

WELTNEUHEIT
Varroamilbenfangwabe

JENTER Varroa STOP

Biologisch - Elegant - Effektiv

WWW.KARL-JENTER.EU

Made in Germany

JENTER Varroa STOP

Biological - Elegant - Effective

Advantages of the Jenter VarroaSTOP:

- Without the use of chemical treatment agents
- No destruction of concealed brood combs
- No loss of queens
- Elegantly combinable with an exchange of queens

The basic idea:

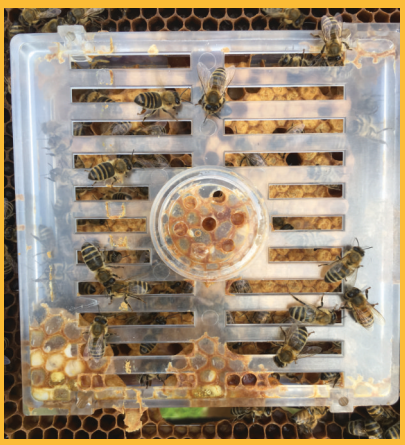
The brood-free phases outside the winter time are always problematic for Varroa mites. They lose their reproductive ability relatively quickly. Wild bee colonies use this natural defence system with brood-free phases effectively when swarming. The bee swarm is only weakly infested, the swarmed off colony enters into a long brood-free phase. The mites grow old or are lost with the old bees.

The sealing of the queen in small cages during the bee season with subsequent chemical treatment is a well-known procedure to force brood-free phases during the season. However, some queens lose their acceptance in the bee colony.

On the other hand, the open bee brood acts like a magnet on varroa mites. Therefore biotechnical procedures, such as the trapping comb technique, can be used successfully for the decimation of the Varroa population in the bee colony. However, this requires the removal and destruction of concealed brood combs in which only some of the cells have actually been infested by parasites.

The newly developed Jenter VarroaSTOP elegantly combines both systems without the need for chemical control methods or the destruction of entire brood combs.

Front side of the Jenter VarroaSTOP with closed lid.



Lidded brood cells with queen and bee

Removable rear of Jenter VarroaSTOP with passages for worker bees

Operating principle:

In Jenter VarroaSTOP, the queen's radius of action is limited to a small, one-sided incubated cell area with about 250 brood cells. The queen lives stress-free with her court and the brood in the cage. The nurse bees can pass through the cage from both sides and care for the brood unhindered. The Varroa mites use this last brood area in the colony for their planned reproduction.

After all cells are covered, the rear wall of the Jenter VarroaSTOP with the cultivated brood cells is removed and immediately replaced by a new rear wall with middle wall. The queen remains in the cage for another brood cycle. The removed brood is destroyed. Alternatively, the heads of the cells can be removed and washed out for the next use of the comb piece.

Only after all the brood has hatched in the colony and the last mites are trapped in the covered brood area of the Jenter VarroaSTOP is the queen released via the removable lid on the front of the Jenter VarroaSTOP or replaced by a young queen. The comb with the Jenter VarroaSTOP can be left in the colony for future use.

Result:

The Jenter VarroaSTOP can easily be installed in a frame. The thickness of the comb does not change. In contrast to the comb pockets, no combs have to be removed.

The queen can create her brood in phases and thus retain her attractiveness in the colony.
The Varroa mites are almost completely removed from the colony by multiple brood removals. Chemical treatment agents are no longer needed.

Removed rear panel

Back wall with covered brood, queen and attending bees.

Removed back wall with the remaining mites captured in the brood.

REINSERTION METHOD JENTER | KARL JENTER GMBH

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APIMONDIA 2019 | MONTRÉAL

8 – 12 SEPTEMBER 2019

Karl Jenter GmbH
Steinbeisstraße 5
D - 72636 Frickenhausen

Tel. +49 (0)7022 39880
Fax +49 (0)7022 305730
E-Mail info@karl-jenter.eu

WWW.KARL-JENTER.EU