

SYNTHETIC / HARD CHEMICAL TREATMENT (INSECTICIDE)



CheckMite™

Active Ingredient:
Coumaphos (10%)
(organophosphate)

Manufacturer:

Bayer

www.animalhealth.bayer.ca/en/bees/checkmite/

DOSAGE

- One strip for each five combs of bees in each brood box (Langstroth deep frames or equivalent in other sizes).

PROPER PLACEMENT OF MEDICATION

- Hang the strips in separate spaces between the combs as near the center of the bee/brood cluster as possible. If two deep brood chambers are used for the brood nest, hang strips in both the top and bottom brood chambers.

TREATMENT DURATION

- Leave the strips in the hive for 42 - 45 days.

HOW IT KILLS MITES

- Manufacturer's Reported Efficacy Rate: 92%
- Contact - kills phoretic mites
- Slowly released and dispersed throughout the colony by the bees act as acetylcholinesterase inhibitors (nerve damage)

RECOMMENDED APPLICATION TIME

- Temp Range for Application: Not temperature dependent
- Spring: before the first honey flow
- Autumn: after the last honey flow
- Most effective when brood rearing is lowest
- Do not treat more than twice a year for varroa mites or more than four times a year for the small hive beetles.

USAGE WITH HONEY SUPERS

- Not recommended. Remove honey supers before application.
- Do not replace honey supers until 14 days after the strips are removed.

PROS

- Also treats small hive beetles
- Not temperature dependent

CONS

- Intense odor
- Toxic to handle; chemical resistant gloves must be worn when handling strips.
- Confirmed mite resistance
- High residue in comb
- Not recommended for use in colonies that are used as cell builders for producing queens
- Queen loss
- Extremely dangerous to birds, fish, and aquatic invertebrates. Do not contaminate ponds, waterways or ditches with the strips or empty packaging

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