

Home Grown Bee – Mite Treatment Quick Reference Sheet

Questions? Contact Rachel Halliwell at info@homegrown.bee (www.homegrownbee.ca)

Product	Temperature Range	Application Duration	Can you use with Honey Supers on hive?	Medication penetrates brood cells?	Approximate Price/typical packaging size
Oxalic Acid *2 popular methods: vaporization and dribble	~above freezing (typically used in winter and early spring when hives are broodless or have little brood in the colony)	*depends on brood in colony* - No brood in colony: you just need to treat once. -Brood in colony: treat ~every 5 days to target mites emerging from brood cells.	Recommended without honey supers	No	140g Jar = \$9.95 1.4g (1/4 tsp) per deep brood box (= approx. 100 vaporization treatments) OR 35g (7 tsp) per 1L of sugar syrup (= approx. 4 dribble treatments)
Formic Pro	~10°C-30°C	2 weeks	Yes	Yes	2-pack (treats 2 hives) \$22.95
Thymovar	~12°C -30°C	2 applications intervals: 3-4 weeks, remove strips and another round for 3-4 more weeks	Recommended without honey supers	No	10 strips/pack (use one strip per deep brood box) \$64.95
HopGuard II	~10°C-30°C	2 application intervals: ~15 days, remove strips and add for another ~15 days.	Yes	No	24 strips (2 strips per box) \$79.95

Notes:

*There are other medications used in BC, such as **Apivar** and **Apistan** but they are not currently available through Home Grown Bee (except through special order). Other local suppliers: Stan, Flying Dutchman, and Dan, Big D's Bees. Oxalic acid is available from pharmacies.

*All medications listed above come with instructions and additional information on their packaging. Please read all instructions fully before application!

*Don't be discouraged if packaging indicates that medication does not penetrate brood cells: the treatment duration is intentional to target as many emerging mites as possible. This includes medication such as Thymovar and HopGuard II.

*Remember that medication treatments work best as part of an IPM (Integrated Pest Management) strategy, including monitoring mite populations by testing throughout the season, before and after treatments.

*For more in-depth information, check out the Ministry of Agriculture bulletin:

https://www2.gov.bc.ca/assets/gov/farming-natural-resources-and-industry/agriculture-and-seafood/animal-and-crops/animal-production/bee-assets/api_fs221.pdf

*At Home Grown Bee, we typically use Oxalic Acid Vaporization in winter (when the colony is usually broodless), and Formic Pro in summer (when there is lots of brood, or when honey supers are on the hive).