# Bayvarol® Varroa Control Strip

Bayvarol is a sustained release plastic strip designed for use in beehives to control parasitic mites (Varroa destructor) on honey bees. Available in Canada since 2017, Bayvarol's efficacy and safety to both beekeepers and bees have been tested with positive results.


- Active ingredient: flumethrin (Group 3 insecticide)
- Twice the contact area (4 strips/brood chamber)
- Remove honey supers before application of Bayvarol strips
- Treat all infested colonies within the yard at the same time
- Do not re-use strips or leave them in the hive for longer than the treatment period (6 weeks)
- Rotate with different chemical groups that control the same pests
- Format: 20 strips per packet

Bayvarol® label > Bayvarol® MSDS >

Bees are kept as livestock and should be treated with equal care. Beekeepers are advised to carefully monitor colony health and take the required actions to prevent and treat health challenges such as varroa mite. Failure to treat infected colonies can pose a risk for the local bee population because untreated colonies may be robbed by neighbouring bees, spreading pests and diseases.

Varroa mites feed on the bees' haemolymph (blood), which weakens the bees and favours the multiplication of viruses such as deformed wing virus (DWV). Bayvarol can be used as a spring treatment to reduce mite populations during the nectar flow period (do not use when honey supers are present) or in the fall to reduce mite pressure in preparation for wintering.

## How to Apply*

Four strips should be distributed per mature brood chamber for a 42-day period. Position the strips vertically at the center of the brood area between the frames.

Do not expose honey intended for human consumption directly to Bayvarol Strips. After treatment, do not use beeswax for human consumption.

## Integrated Pest Management (IPM)

Monitoring varroa populations, combining different control methods with sound beekeeping practices and following label instructions should be part of an IPM program at the bee yard.

When resistance is possible, rotation is critical. Pests can develop reduced susceptibility to an active ingredient over time. To help prevent this, consider rotating to a product from a different chemical class (e.g. rotate Bayvarol® with Checkmite+® for varroa control).