

## Natural Varroa Mite Control for the World's Beekeepers

### The Varroa mite is the #1 threat to bee health. The Varroa mite:

- Reduces hive health, increases susceptibility to other bee diseases.
- Transmits disease from bee to bee...hive to hive.
- Reduces winter survivability.
- Has developed resistance to many existing control agents.



### HopGuard® II is a highly effective, natural Varroa control system.

HopGuard® II, a proven miticide derived from hop compounds, provides the beekeeper with a natural, safe and easy to use alternative to traditional harsh chemical control agents.

- Promotes bee health and survivability naturally.
- Safe for bees, honey and the environment.
- Easy to use.

### HopGuard® II Properties

- Natural, food grade product.
- No negative effects on normal hive activity.
- Bee, Brood, and Queen tolerance...no negative effects on egg laying.
- No residual in honey.
- Safe to use during honey flow.

### How to use HopGuard® II

- HopGuard® II should be added to all hives at the rate of 2 insert strips per 10 frames. Strips must be hung between brood frames.
- HopGuard® II can be used throughout the year. For best results, leave strips in the hive for a minimum of 14 days.

### Packaging and storage

- Each HopGuard® II kit contains 24 insert strips ready for use.
- Store in cool, dry place in sealed containers.



HopGuard® II is now registered by the EPA for sale in the USA.

For sales in the U.S. & Canada

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WE KNOW BEES

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**BetaTec®**  
hop products  
*efficient by nature™*

## Field Trials of HopGuard® II Functionality

In Arizona, heavily infested standard 10 frame hives (single and double stacked) were treated with HopGuard®II. Mite load was reduced significantly with 1 treatment, normal colony behavior was observed, no change in bee mortality was noted, and no residuals were found in honey.

In Saskatchewan, single brood chamber bee colonies treated with HopGuard®II achieved similar results to the Arizona trials and to the trial's 3 consecutive applications of traditional HopGuard. Normal colony behavior was observed and hive health was maintained.

In Alberta, HopGuard®II was evaluated in heavily infested double-brood chamber bee colonies. A single application of HopGuard®II provided excellent Varroa control. Normal colony behavior was observed and hive health was maintained.

