

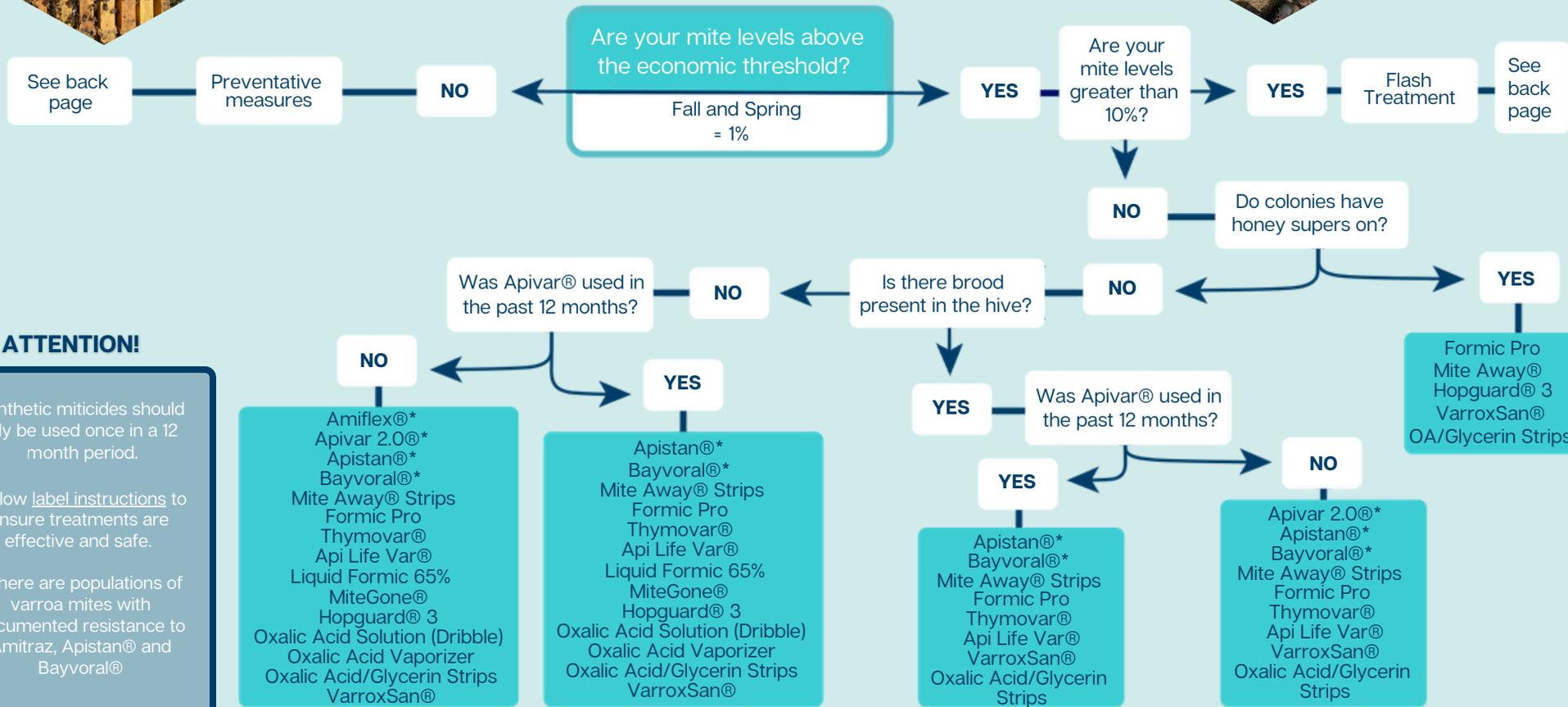


ALBERTA BEEKEEPERS COMMISSION
TECHTRANSFER
 PROGRAM



VARROA MITE MANAGEMENT

DECISION TREE



ATTENTION!

Synthetic miticides should only be used once in a 12 month period.

Follow [label instructions](#) to ensure treatments are effective and safe.

*There are populations of varroa mites with documented resistance to Amitraz, Apistan® and Bayvoral®

What is a Flash Treatment?

A miticide that acts to kill varroa mites in a **short period of time.**

Slow release treatments, such as Apivar, are most effective when varroa infestation levels are below 10%.

Above 10%, the efficacy is reduced and levels after treatment may still be above the economic threshold.

Therefore a FLASH treatment is recommended for colonies with infestation levels above 10%, instead of a slow release treatment.

- Examples:**
- **Liquid Formic 65%**
 - **Oxalic Acid Solution (Dribble)**
 - **Oxalic Acid Vaporizer**
 - **Amiflex®**

Application of a flash treatment prior to using a slow release treatment (ie. Apivar®) will reduce the mite loads in a colony to a level at which the slow release miticide can work effectively. It is important to monitor BEFORE and AFTER treatment to justify any further miticide application.

PREVENTIVE MEASURES

Do not solely rely on these preventative measures to control varroa mites.
Incorporate these techniques with your miticide treatment plan and integrated pest management strategy.

