

**The quintessence of the action of this preparation is in the words "Vitae Apis".**

*Recent scientific research indicates that it is necessary to strive towards strengthening the hygienic instinct of bees, the proprietary immunity of bees to pathogens.*

The preparation created by Prof. Mariusz Gagoś contains hop flavonoids and can be applied during the foraging period and also in ecological apiaries. This advantage of the preparation is particularly important in the context of increasingly strict requirements in terms of honey quality.

**The leading idea** behind the development of this preparation was to protect the nicotine receptors of bees from the effects of the neonicotinoid influence. In addition to the very fact of providing protection against neonicotinoids, even poisoned bees recover after applying the preparation.

The consequence of the action of VITAEAPIS® preparation is the activation of the hygiene instinct in families with protracted removal of diseased or dead brood. The activation of the hygienic instinct causes bees to shed *Varroa destructor* mites, remove mycosis from the beehive, including Nosema. A clean beehive equals increased queen bee reproduction and, consequently, a strong colony.

Beekeepers noticed the lack of swarming mood after the application of VITAEAPIS®. On the other hand, in some families a quiet exchange of the queen bee occurs.

According to research, as a result of applying VITAEAPIS®, a beekeeper can obtain as much as 30 kg more honey from the hive. Hive debris on the bottom board after wintering is scarce. Bees live longer.

The mechanism of this preparation, according to current knowledge, based on research, can be explained as follows:

1. Preparation influencing/affecting **the nervous system (nicotine receptors) of bees**, protects them **against pesticides**
2. Its activity in the nervous system **stimulates the hygienic instinct** of the bee colony
3. An enhanced hygienic instinct **stimulates bees to undertake self-cleaning** and dispose of all impurities, foreign bodies (including *Varroa destructor*) and other sources of the nest infection outside the hive, as well as to remove dead or sick bees and dead or diseased brood out of the hive
4. A clean beehive means **reduction in the occurrence of bee diseases**
5. Healthy and vigorous bees **mean a lot more honey**, which, in the case of VITAEAPIS®, was confirmed by research.

We hope that VITAEAPIS® will fully meet your expectations in terms of a new, safe, and effective product for bees, which can be used throughout the season, including during the

foraging period, and in ecological apiaries.