



# VITAEAPIS®

## Complementary feed mix for bees

PREPARATION BY PROFESSOR M. GAGOŚ

10 bee colonies

Recommended by **the Association of Polish Beekeepers "Polanka"**

**Recommended Usage:** Complementary feed mix VITAEAPIS® should be given to bees in sugar syrup, which must be prepared immediately prior to application in a 1:1 or 1:2 ratio (sugar: water). The content of the 2 ml sachet is suitable **for 10 bee colonies**. VITAEAPIS® should be gradually added to a cooled syrup, stirring continuously until a clear solution is obtained. The prepared solution can be applied by pouring it into the inter-frame lanes, spraying bees on frames, or in feed.

VITAEAPIS® should not be added to a syrup with a temperature above 40 °C!

### **Dousing or spraying 10 colonies:**

Depending on the strength of bee colonies, the contents of the whole sachet is to be dissolved in the following amount of sugar syrup:

- **10** strong colonies: in 0.5 l of sugar syrup
- **10** average colonies: in 0.3 l of sugar syrup
- **10** weak colonies: in 0.15 l of sugar syrup

The prepared solution should be distributed evenly into the inter-frame lanes or sprayed on bees sitting on frames.

### **Feeding 10 colonies:**

Depending on the strength of bee colonies, the contents of the whole sachet is to be dissolved in the following amount of sugar syrup:

- **10** strong colonies: in 0.5 l of sugar syrup
- **10** average colonies: in 0.3 l of sugar syrup
- **10** weak colonies: in 1.5 l of sugar syrup

The prepared solution should be poured into feeders.

In order to protect the bees from the adverse effects of neonicotinoid pesticides as well as to improve the resistance and the productivity of the bee colony, the product should be used through the entire season, **4-6 times a year**, from the spring bee flight to the end of their feeding, preferably after a generation of bees in the colony has been replaced and especially during the preparations for overwintering.

**Composition:** common hop extract (*Humulus lupulus L.*) with increased content of hop flavonoids, ethanol 96% and water, analytical components: protein 6.56 g/kg, crude fibre 0.14 g/kg, crude oils and fats 3.66 g/kg, crude ash 0.60 g/kg, calcium 2.39 mg/kg, sodium 26.3 mg/kg, magnesium 39.5 mg/kg, phosphorus 0.002 g/kg.

**Form:** liquid.

<p><b>Intended application:</b> <b>VITAEAPIS®</b> is a complementary feed mix, supporting the natural hygienic instinct and vigour of bees. The hop extract contained in this solution is obtained from the cones of the common hop (<i>Humulus lupulus L.</i>).</p> <p><b>VITAEAPIS®</b> Naturally strengthens the immunity of bees, thus limiting the problem of mass death of bee colonies, mainly caused by the invasion of <i>Varroa destructor</i>. <i>Nosema apis</i>. <i>Nosema ceranae</i>, environmental stress and poisoning with pesticides.</p> <p><b>VITAEAPIS®</b> Protects against the adverse effects of neonicotinoid pesticides.</p> <p><b>VITAEAPIS®</b> is used as assistance to ensure the proper development of bee colonies, high productivity, and to strengthen bees' immunological mechanisms.</p> <p><b>VITAEAPIS®</b> stimulates the hygienic behaviour of bees, whereby they have greater motivation to remove diseased or dead brood out of the hive.</p>	<p><b>Method of packaging and labelling:</b> Sachet, batch ref. No. and date of production are on the sachet seal.</p> <p><b>Minimum storage period:</b> Best to use within two years from the date of production.</p> <p><b>Storage method:</b> At a temperature below 25 °C, in closed packaging, protected from light, and out of the reach of children.</p> <p><b>Net quantity:</b> 2 ml</p> <p>BioActive-Tech Sp. z o. o Al. W. Witosa 3 20-315 Lublin Phone: 572 066 662 or 572066 663 Vet. identification number: PL0663163p</p>
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**Additional information:** The original product is covered by Polish and European patent protection.  
The high effectiveness of the solution has been confirmed by research.  
More information about VITAEAPIS® may be found on the following website: [www.vitaeapis-new.pl](http://www.vitaeapis-new.pl)