

Apistym

Product enhancing immunity in bees

Complementary feed for bees

Apistym is used to improve the condition of bee families. The use of the product increases bee family immunity to diseases, especially to nosema caused by *Nosema apis* and *Nosema ceranae*.

The ginseng extract contained in Apistym helps to increase phenol oxidase level

(enzyme taking part in the immune response), enhancing the family's immunity and vitality. This helps bees to fight pathogen infections more effectively. Apistym administered in autumn feeding increases colony's survivability in winter, and administered in spring – accelerates its development

Enhancing bee immunity

Apistym - contains ginseng extract, lactic acid and sucrose



Posology and method of administration

Shake before use!

Preparing Apistym with sugar syrup solution.

Autumn feeding – 4 ml of Apistym per 1 litre of sugar syrup.

Sprinkling beeways, stimulative feeding – 20 ml of Apistym per 1 litre of sugar syrup.

Syrup temperature should not exceed 50°C.

Apistym

Product enhancing immunity in bees

Complementary feed for bees

Apistym – enhances immunity of bee families to diseases, especially to nosema



product based on natural ingredients, with no withdrawal period for honey

ginseng extract contained in the product helps to increase phenol oxidase, enhancing the family's immunity and vitality

spring feeding - accelerates development of bees

autumn feeding - increases bee family's survivability in winter

Apistym

Immunity stimulating product preventing infections with *Nosema apis* and *Nosema ceranae*
Complementary feed for honeybees

Ingredients in 1000 ml:

4.1.3. Sucrose – 500 g

Additives:

2.b. Ginseng infusion – 50 g in 1000 ml

1.a. Lactic acid – 8.3 ml in 1000 ml

Moisture: 45 %

Analytical constituents:

Total protein 226 g/kg ± 8 g/kg

Crude fibre 4.12 g/kg ± 2.0 g/kg

Crude ash 516 g/kg ± 31 g/kg

Phosphorus 86.6 g/kg ± 5.0 g/kg

Indications

Apistym is recommended to administer in the beehive to enhance bees' immunity. This supplementary feed reduces the spread of infection with *Nosema apis* and *Nosema ceranae*. Application of this supplementary feed during infections, especially with *Nosema apis* and *Nosema ceranae*, reduces pathogen contamination.

Characteristics

Apistym contains ginseng infusion which helps to increase phenol oxidase level (enzyme taking part in immune response), enhancing colony's immunity and vitality. This helps bees to fight pathogens more effectively. Apistym administered in autumn feeding increases colony's survivability in winter and in spring – accelerates its development.

Posology and methods of administration

Shake before use! Preparing Apistym with sugar syrup solution. Autumn feeding – 4 ml of Apistym per 1 litre of sugar syrup. Sprinkling beeways, stimulative feeding – 20 ml of Apistym per 1 litre of sugar syrup. Syrup temperature should not exceed 50°C.

Autumn usage

Apistym should be administered with sugar syrup solution or prepared bee feed in a dose of **4 ml of the product per 1 litre of syrup**.

Sugar syrup or feed prepared with Apistym should be administered in colonies **during autumn feeding**.

Adjust feed amount to the colony's strength.

Recommended Apistym's dosage per one colony: 40 ml (10 litres of syrup). In case of administering a smaller dosage a supplementary, double sprinkling (at an interval of 7-10 days) of beeways is recommended (solution of Apistym in sugar syrup – 20 ml of the product per 1 litre, 5-10 ml per beeway).

Spring and summer usage

Sprinkle beeways with a solution of Apistym in sugar syrup (20 ml of the product per 1 litre) twice – 5-10 ml per beeway (at an interval of 7-10 days). A solution of Apistym for sprinkling beeways might be administered during stimulative feeding – 0.5-1 litre per colony. Use this dosage during every stimulative feeding.

Apistym might also be administered in a sugar cake – 4 ml of the product per 1 kg of cake per colony.

Once opened use immediately. If the whole product was not used, the opened bottle can be stored in the fridge no longer than 14 days.

Apistym was developed in co-operation with research institutes of University of Life Sciences in Lublin, Maria Curie Skłodowska University in Lublin and Jagiellonian University in Cracow. The product composition is patented and its properties were confirmed by laboratory testing and apiary use.

Bottle volume: 200 ml

Storage:

Store in a cool and dry place.

Biowet Puławy Ltd., ul. H. Arciucha 2, 24-100 Puławy
tel/fax (81) 886 36 11, (81) 888 91 00 www.biowet.pl
Veterinary approval number: α PL0614003p