



apilab

VETERINARY HEALTH AND NUTRITION

Flumevar

Flumethrin

Flumevar

FLUMETRIN

apilab

apilab

Amiwar

AMITRAZ

500

apilab

Amiwar⁵⁰⁰

Amitraz

Amiwar

AMITRAZ

500

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Working
together for
healthier bees

SANIDAD Y NUTRICIÓN VETERINARIA

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beehhealth



Flumevar

Flumethrin

Product composition

Each 100 g. strip contains:

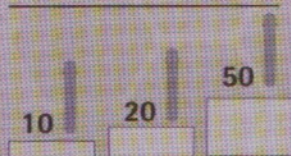
Flumethrin	0,3 %
Formulation agents Qs.	100 %

FLUMEVAR plastic strips, with ectoparasiticide action. Its formulation made of plastic polymers provides enough strength to continue within beehives for the time required to obtain an effective control. Likewise, Flumevar is ideal to use as a treatment in springtime due to lower amount of residues in beehive products.

Pharmaceutical form and presentation characteristics of packaging, inviolability system and content

This product is presented in PE strips inside dark envelopes preventing the passing of light, with thermo sealed seams. This system allows the product inviolability conditions and ensures optimum preservation until expiry date.

Presentations



Dosage

Number of Frames covered by bees

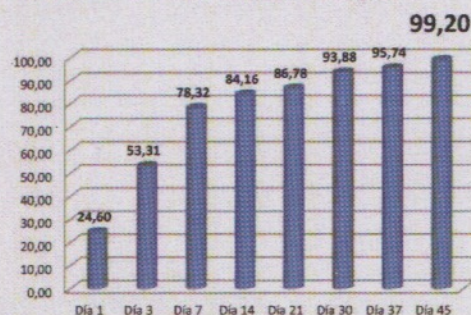
Number of Strips

Number of Frames covered by bees	<5	6-10	11-15	>16
Number of Strips	1	2	3	4

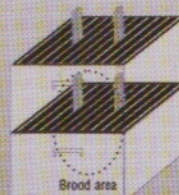
99% Efficacy in Varroa control.
Varroa control without residues in honey. Without withdrawal period.

Weekly Cumulative Efficacy

Results of different performance testing, conducted on field in different regions.



Graphic: Accumulated Efficacy of Flumevar, in beehives from Tandil, Argentina (2014).



The Life Cycle of Varroa

Varroa effect on bees

The Varroa mite is the world's most devastating honey bee pest. Varroa mites are external parasites that feed on the haemolymph of adult honey bees as well as larvae and pupae. To better understand the effect of Varroa on European honey bees, it is important to understand why Varroa has had, and continues to have such a devastating impact on European honey bees, and how this mite has subsequently spread throughout the world.

Although Varroa mites are parasites of the European honey bee, it is in fact not the mite's natural host. The natural host of the Varroa mite is the Asian honey bee (*Apis cerana*), which over time has evolved a variety of natural defences against the mite.

Individual bees infested with Varroa during their development usually survive to emergence but may show signs of physical or physiological damage as adults. Some brood infested by Varroa may die, usually at the pupal stage of development and remain in the cell until removed by adult bees. Varroa mites feeding and reproducing on developing larvae and pupae (worker and drone brood), has a major effect on individual honey bees, as they are affecting the most sensitive life stages of the honey bee.

Small numbers of Varroa mites infesting a colony will usually cause no obvious harm. As the Varroa mite population increases more individual bees are affected, which eventually weakens and affects the colony as a whole.

Varroa and viruses

Honey bee viruses are among a number of pathogens that can contribute to the ill health of a colony.



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VETERINARY HEALTH AND NUTRITION

The Company

APILAB start a new stage, with a renewed industrial plant, where quality, safety and efficacy have an essential place within the production cycle. The implementation of "quality assurance systems" allows for the highest standards, promoting trust and loyalty by consumers.

This quality system starts at the earliest stages of the process during the development of new products and reaches the final link in the chain: the user, across all areas and phases of production. Are thus involved the areas of innovation and development, quality, production, marketing and sales and foreign trade. All APILAB staff continues its efforts focused on one essential point: CUSTOMER SATISFACTION.

The bases of trust

Today, GMP (good manufacturing practices) standard is an obligation for all pharmaceutical laboratories and defines very precised rules, concerning every aspects, from the quality of raw materials used in the manufacturing of medicines to the guidelines to be followed in the production space.

The specifications provided by the manufacturer of raw materials, give a precised definition of the quality of their pharmaceutical active ingredients. Also, APILAB inspects all its suppliers to check the

conditions of manufacture of the raw materials, which are also systematically analyzed on their arrival at the processing site.

Since the making of production orders to the final product, there is an internal system of traceability. Which enables tracking and identification of all components and products at any time and any stage of the process.

The quality management system and the production flow control ensures "zero contaminant", which is essential in the pharmaceutical industry.

Mission

"To provide veterinary specific medicines of high efficacy for the beekeeping on the base of the continue research and the development of new products, identical to the requirements of the domestic and overseas market, contributing to a production of honey that keeps its natural quality intact".

Vision

"To be the first Argentine supplier in providing veterinary specific products for beekeeping with a system of quality management based on the good practices of manufacture, which promotes the innocuousness of the products of the beehive in the whole world".

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www.apilab.com

Beetle Blaster



SWARM
Attractant Wipe

**STRENGTHENING
YOUR BEEHIVES**