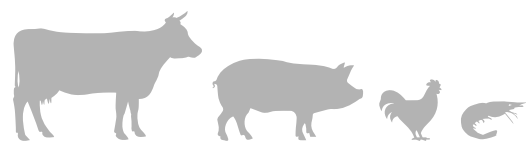




the essence for a more productive nutrition

amaril® is an **excellent growth promoter** that acts by improving the digestibility of feed, improving nutrient absorption and regulating the intestinal flora.

In addition, **amaril®** has a **high antibacterial capacity**, especially against coliforms and salmonella, thanks to the synergistic effect of cinnamaldehyde and the organic acid which, by acting in combination, achieve an effect far greater than the sum of their individual effects.



amaril® is indicated for all species or categories of animal

Composition

Organic acid and natural cinnamon extract (50% cinnamaldehyde).

Indications

As a production stimulant.

Benefits

- Regulates the intestinal flora.
- Improves the intestinal wall.
- Improves nutrient absorption.
- Stimulates digestive and antioxidants enzymes.
- Decreases the bacterial load.

Packaging

- Powder in 25 kg bags.
- Liquid in 1 000 L containers.

Dosage

1 000 g or cc/MT of feed.



Production



Health



Hygiene

towards more productive nutrition

In animal nutrition, what is important is not only which feeds are ingested, but also how they are digested and absorbed. Thus, beyond the feeds supplied, the key to good nutrition and good animal production lies in **optimising digestive processes** and minimising their associated problems.

Improving basic matters such as **appetite**, **digestibility of feeds** and **intestinal health** is an opportunity to achieve a better yield with the same feeds.

combined synergistic effect of organic acids and cinnamaldehyde

Organic acids are a natural antibacterial agent that greatly promotes digestive processes, but in high-pH environments such as the intestine, these acids dissociate and lose their ability to penetrate bacteria.

Cinnamaldehyde alters the permeability of the bacterial cell wall, thereby allowing organic acids to enter them, even in their dissociated form. This exponentially increases their antibacterial potential and creates an **unbeatable natural synergy**.



the triple effect of amaril®

1. Digestive

Appealing, appetising, acidifying

- Stimulates appetite, enzyme secretion and gastric juice secretion
- Activates pepsin
- Improves digestion
- Sanitises feed
- Stimulates pancreatic enzymes
- Decreases intestinal viscosity

Improves the digestibility of feed

2. Antioxidant

Protects the mucosa; lengthens the villi

- Stimulates catalase and superoxide dismutase
- Traps oxygen radicals
- Protects epithelial cells
- Accelerates the renewal rate of enterocyte
- Reduces pathogenic contamination
- Protects against oxidative stress

Improves nutrient absorption

3. Flora-regulating

Antibacterial

- Controls pathogens (*E. coli*, *Salmonella*, *Clostridium*, etc.)
- Promotes lactic acid flora
- Reduces toxin production
- Reduces intestinal fermentation

Regulates the intestinal flora and improves the intestinal wall