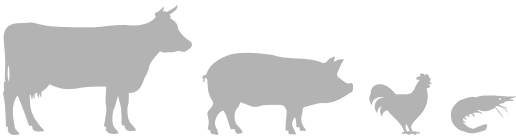




lethal defence against mold and bacteria

propion[®] acts effectively and comprehensively against mold and bacteria by having a **shock effect** at the time of application and a long-lasting **protective effect**, thus ensuring that feed reaches the animal with no fungal contamination and preventing problems with fermentation and growth of bacteria.

In addition to the sanitising effect on feed, **propion**[®] premixtures have a beneficial effect on the animal itself due to their **acidifying properties** and **nutrition value**.



propion[®] is indicated for all species or categories of animal

Composition

Mixture of propionic acid, formic acid and their ammonium salts.

Indications

Prevention and treatment of fungal and bacterial contamination of raw materials and feeds.

Sanitising of factories and facilities.

Benefits

- A shock effect for feeds contaminated by fungi and bacteria.
- A long-lasting protective effect.
- Improves digestibility.
- Protects the intestinal mucosa.
- Adds nutritional value to feed.

Packaging

- 1 000 L containers.
- In bulk in a tank.
- Other packaging on request.

Dosage

500 to 1 000 cc/MT of feed.

* According to its degree of neutralisation, the product must be classified as corrosive, irritant or harmless, in compliance with the legal regulations in force in each country with respect to transport, labelling, handling and storage.



Hygiene



Health



Production

contamination by fungi and bacteria: a preventable threat

Contamination by fungi and bacteria of raw materials and feeds is a risk factor for animal health and a serious threat to the productivity of any farm. Therefore, eliminating their presence in feed and in the storage and distribution chain is a priority objective. To achieve it, applying a safe, effective antifungal and antibacterial treatment is essential.

Raw materials and feeds are exposed to **contamination by fungi, bacteria and other biological agents** during production, harvesting, transport, storage and distribution. Factors such as high temperatures, humidity, presence of oxygen, storage time, the physical state itself of feeds and use of contaminated machinery and facilities may promote the development of fungi and bacteria in all types of feed.



Corn contaminated by fungi

The presence of fungi and bacteria leads to a number of problems that may seriously affect animal health and compromise livestock farm productivity.

Problems resulting from contamination by fungi and bacteria

Health problems	• Mycotic diseases
	• Diseases caused by mycotoxins
	• Fermentation of feed and growth of bacteria
Nutritional problems	• Food-borne diseases and food poisoning (salmonella poisoning, etc.)
	• Loss of nutrients
	• Poor preservation of feed
Industrial problems	• Worsening of flavour and aroma due to mold
	• Losses due to physical degradation of feed and formation of dust
	• Risk of problems and accidents while handling feed at factories due to formation of dust.

A good antifungal treatment must ensure that feed retains its nutritional properties, as well as its aroma and flavour, and that it is free from substances that may affect animal health or yield. In addition, it must be effective for both decontaminating already contaminated feeds and ensuring long-lasting protection against other potential contaminations.

