

# PREMIUM ACID



## Good digestion

- ◆ Positive influence on intestinal flora with oligosaccharides
- ◆ Supports protein digestion
- ◆ Supports metabolism, resistance and growth
- ◆ Lowers the pH value of the water



Balance



# PREMIUM ACID



Animals drink twice as much as they eat. If an animal is sick or stressed, it will take less food, but keep drinking. This makes clean drinking water essential and a perfect medium for supporting animal health with nutritional supplements.

## Organic acids

Organic acids are used to support the animal's digestion and immune system. They have an anti-bacterial effect and lower the pH of the stomach. This strengthens the natural barrier against pathogenic bacteria and stimulates protein digestion. Organic acids also reach the duodenum, where they stimulate the secretion of digestive enzymes by the pancreas. Because of their diverse effects, organic acids are very suitable to reduce antibiotics and promote technical results. Organic acids are suitable for long-term use and are available in liquid form.

## What is Premium Acid?

Premium Acid is a balanced mixture of organic acids, oligosaccharides, copper sulphate and zinc chelate. The non-buffered acids create a rapid decrease of the pH to the desired value, even at a relatively low dosage. Oligosaccharides function as prebiotics, to support bacteria in the large intestine. The presence of copper and zinc makes a positive contribution to the animal's immune system, making the animal more resistant to external influences.

## What are the benefits?

- ◆ Positive influence on intestinal flora with oligosaccharides
- ◆ Supports protein digestion
- ◆ Lowers the pH value of the water
- ◆ Supports metabolism, resistance and growth

## Working mechanism

The non-buffered organic acids in Premium Acid create a rapid drop in pH of the drinking water, even at a relatively low dosage. This leads to a strong support of the protein digestion in the stomach. Premium Acid also contains oligosaccharides. Organic acids and prebiotics result in a healthy intestinal flora, as pathogenic bacteria are reduced, while growth of favourable bacteria in the large intestine is stimulated. Copper sulphate and zinc chelate play an important role in several metabolic processes and have a strong bactericidal effect. In times of high bacterial pressure, copper works as an anti-inflammatory and has a positive effect on growth. Zinc is an essential trace element and plays an important role in the formation and function of enzymes and the activation of the immune system. Besides that, zinc is essential for growth, development and reproduction. Chelated zinc is stomach resistant and can be absorbed very well through the intestinal wall. Due to the elaborate mixture of ingredients, Premium Acid is ideally suited for use in situations where a broad support is needed, such as during vaccinations.

## Dosage

### 500 - 1000 ml per 1000 litre water.

Dosage depends on pH of drinking water after addition of the product. pH should be below 4, target is 3.8.

### Packaging

20 kg can  
250 kg drum  
1100 kg IBC

