

ProPhorce™

Waterproof protection

ProPhorce™ water solutions

- pH-reduction of water
- Support gut integrity and digestibility
- Reduce risk of biofilm formation

The power of water

Taking care of water supply is vital

Water is an essential element in nutrition, but it can also be a large source of infection and disease. Taking care of the water supply is vital for having healthy and well performing livestock.

Why is water quality important?

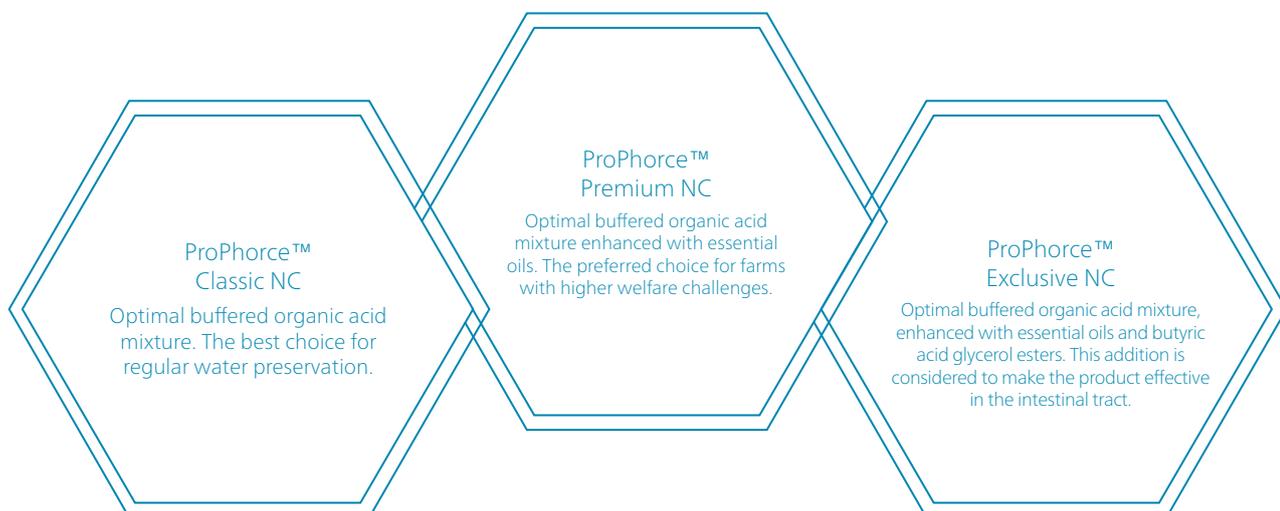
The quality of water is often questionable. Research in the Netherlands has shown that the bacterial load (CFU) at animal level is above the allowed limit.* In practice around 80% of farms have water that is unsuitable for consumption.**

Using organic acids in water is an easy and well-established method to help preserve water quality and safeguard animal performance and welfare.

Specific needs, specific products

Perstorp has a range of products designed for your needs. Like an umbrella protecting you from the rain, these products can help protect your animals from unclean water. Depending on your needs you can choose anything from a standard product such as ProPhorce™ Classic NC to a highly innovative new product such as the ProPhorce™ Exclusive NC.

The basis of ProPhorce™ water solutions is formed by a highly concentrated and safely buffered mixture of organic acids. Additions of carefully chosen essential oils and butyric acid glycerol esters make for even more powerful products that live up to your expectations.



* Kewi, 2012

**Kewi, 2014



Product	pH reduction	Pathogen load reduction	Gut health
ProPhorce™ Classic NC			
ProPhorce™ Premium NC			
ProPhorce™ Exclusive NC			

Application guidelines

ProPhorce™ water solutions offer specialized solutions to protect the well-being and performance of livestock in a cost-effective way. Dosing is the same for all products and species: 0.1% in water due to the highly concentrated acid mixture. ProPhorce™ Classic NC meet the needs for daily use, for bacteria and pH control. More specialized products such as ProPhorce™ Premium NC and ProPhorce™ Exclusive NC are recommended for improved gut function and improved welfare. We advise to regularly check pH at the water nipples to ensure sufficient acidification.

Three easy steps

1. Clean the water system before using the products
2. Recommended dosage is ~1kg per 1000 l water. Exact recommendations depend on water pH.
3. Check pH at the water nipples:
 - Swine: pH 3.5–4.0
 - Poultry: pH 3.8–4.0



Devoted to your success

Specialist

Perstorp Animal Nutrition is a global specialist in acid-based solutions with almost 60 years of experience. We know the importance of gut health and feed preservation for the livestock industry. Therefore, we have focused our skills, knowledge and resources on finding new ways to improve gut health and preservation. Thanks to this dedication, we are the first in developing next generation solutions that exceed your expectations.

Swedish multinational

As Perstorp Animal Nutrition, we belong to the Swedish multinational Perstorp Group – a basic producer of organic acids such as propionic acid, formic acid and butyric acid. As a part of the Perstorp Group, we can take advantage of an extensive amount of knowledge accumulated since 1881, joint R&D facilities and our own production facilities in Europe, North America and Asia. As Animal Nutrition we operate independently, flexibly and close to our markets.

Agricultural lifeline

Our highly knowledgeable and motivated team has an agricultural lifeline. Being in close contact with farmers and the feed industry drives our dedication in adding value to your business. We challenge ourselves constantly to enhance gut health and preservation for better performance, feed efficiency and daily weight gain: for your business.

Perstorp Animal Nutrition:

Dedicated specialist in gut health and preservation. Devoted to success.